

June 2, 2023

### **Executive Summary**

SBCC Survey of Existing Buildings and Retrofit Plan

#### **Project Summary**

This project consists of a comprehensive survey of all specific listed buildings for the Santa Barbara Community College (SBCC), located at 4 different sites, to determine potentially structurally vulnerable buildings during seismic activity. Buildings such as the West Campus Center, Physical Science and PE Building were not included in the surveys either due to the building being new construction or prior more detailed seismic reports were already completed.

The intent of the project by the district was to determine the vulnerability of each building during a seismic event and the risk level based both on building type and occupancy for consideration as part of the future retrofit program.

#### **Survey Process and Timeline**

Over the summer of 2022 ending in late 2022 the project team and District representatives reviewed all available as-built drawings, visual observed each building and filled out an individual Rapid Survey showing each buildings comprehensive data. 91 buildings at 4 District sites were included in this survey. From Jan 2023 through May 2023 the information has been synthesized by type of building, number of occupants, and risk category.

#### **Preliminary Report**

The preliminary report dated June 2, 2023, provides details on the type of buildings reviewed, process, and includes Seismic Risk "Group" Descriptions ranging from most vulnerable to least vulnerable. These groups are to be used as a guide during the priority review phases, as the district moves forward with a more formal seismic retrofit program. A campus map showing the location of these buildings and their Risk categories has been included.

Buildings on campus that fall into Risk Category 3, have been determined to be seismically sufficient and do not need further review. Rick category 3 buildings generally include all campus manufactured buildings. This equated to 54% of the buildings reviewed.

All buildings listed in Risk Categories 1 and 2, further evaluations are recommended. A summary of these buildings and locations can be found in this report.

#### **Next Steps**

This preliminary report is being provided for initial review by the Facilities and Safety Committee. Any comments or suggestions from this committee's review will be given back to this team and addressed prior to the final reports being published.



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# SANTA BARBARA CITY COLLEGE SEISMIC SURVEY

### PRELIMINARY REPORT

May 31, 2023



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#### **PROJECT SUMMARY**

This project consists of a seismic survey of Santa Barbara City College's (SBCC) buildings, located across four different sites: (1) Main Campus West, (2) Main Campus East, (3) Wake Campus, and (4) Schott Campus. This survey's purpose is to identify potential structurally vulnerable buildings during seismic activity, in order to help develop guidelines and recommendations for further seismic evaluation and retrofit, based upon magnitude of vulnerability and risk of each structure.

77 "buildings" have been identified and numbered by SBCC via the 2018 Fusion Campus Assessment Report. Upon further review of as-built drawings and field observations the "buildings" have been reclassified as 91 different seismically independent structures due to seismic separations within some buildings. Each independent structure is included in this survey as a decimal number of the base Fusion number (i.e. 0007 – Drama/Music, 0007.1 – Drama/Music Lower Lobby, etc.).

Comprehensive data identified for each structure includes:

- Number of stories
- Square footage (approximate)
- Year of construction and year of code basis
- Building use (office, assembly, educational, etc.)
- Total occupancy load
- Primary construction material(s) and lateral force resisting system(s) (e.g. wood, steel, masonry, concrete, etc. or if a modular/relocatable/manufactured building),
- Potential seismic vulnerabilities (e.g. soft-story, reentrant corners, discontinuities, or other irregularities
- Other information as required for determination of potential seismic vulnerabilities;
- Photos

#### **FEMA P-154 METHODOLOGY**

We have screened each separate structure in accordance with *FEMA P-154: Rapid Visual Screening of Buildings for Potential Seismic Hazards*, using a "Level 1" evaluation for every included structure. Furthermore, we also used a "Level 2" evaluation for the concrete structures built prior to the 1997 seismic benchmark code year, given some of the seismic vulnerabilities and non-ductile characteristics inherent in older concrete buildings. Due to the geographic location of SBCC, all of the buildings are classified under the highest seismic category: "Very High Seismicity."

FEMA P-154 Rapid Visual Screening (RVS) was developed to identify, inventory, and screen buildings that are potentially seismically hazardous. It may be used as a precursor or initial screening tool prior to the more extensive and comprehensive standards of ASCE/SEI 41-17, Seismic Evaluation and Retrofit of Existing Buildings, Tiers 1, 2, and 3. Based on data collected during the survey for FEMA P-154 RVS, a score is calculated that provides an indication of expected seismic performance of the building. This score can help to identify which structures are most vulnerable during a significant seismic event.

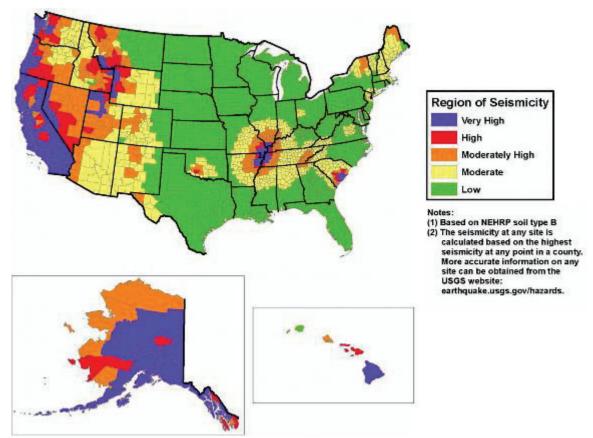
The RVS procedure can be implemented relatively quickly and inexpensively to develop a list of potentially seismically hazardous buildings without the high cost of performing a detailed seismic analysis of every individual building. If a building receives a high score (i.e. above a specified cut-off score), the building is considered to have adequate seismic resistance to prevent collapse during a rare earthquake. The building score reflects probability of collapse or partial collapse only, and is not meant to be an indicator of the probability that the building will be usable

following an earthquake. If a building receives a low score on the basis of this RVS procedure, it should be evaluated by a design professional experienced in seismic design. On the basis of a detailed inspection, engineering analyses, and other detailed procedures, a final determination of the seismic adequacy and the need for retrofit can be made. Typically, an evaluation based on ASCE 41 will be most appropriate for those buildings that require a Detailed Structural Evaluation. Identification of selected nonstructural hazards is included in the methodology.

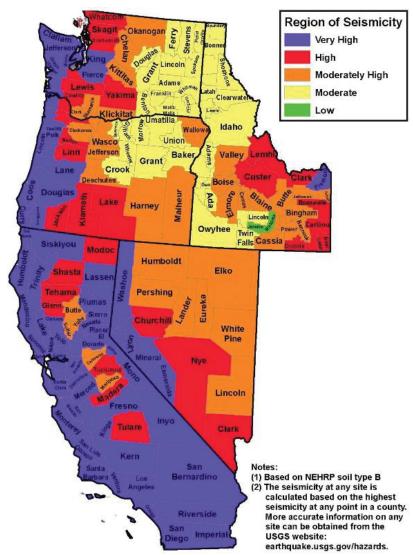
According to FEMA P-154 RVS standards, a score of 2.0 indicates a potentially seismically hazardous building where, within the accuracy of the RVS procedure, the collapse probability is estimated to be more than 1% in rare earthquake shaking.

The methodology provides Score Modifiers to adjust scores to reflect buildings built before seismic provisions were implemented (known as "pre-code") and after modern seismic provisions were required (known as the "benchmark" year). By identifying pre-code and benchmark years that accurately reflect the local design and construction practices, the RVS procedure can be implemented in any geographic region.

FEMA P-154 Figure 1-3 below shows a map of seismicity regions across the United States, and Figure A-2 shows a map of seismicity for each county in California, Idaho, Nevada, Oregon, and Washington.



**FEMA P-154 Figure 1-3**, Map showing Very High, High, Moderately High, Moderate, and Low seismicity regions in the United States. Based upon two-thirds of the 2,475-year average return period (mean recurrence interval) ground motions (corresponding to 2% probability of exceedance in 50 years).



**FEMA P-154 Figure A-2**, Map showing Very High, High, Moderately High, Moderate, and Low seismicity regions in California, Idaho, Nevada, Oregon, and Washington. Based upon two-thirds of the 2,475-year average return period (mean recurrence interval) ground motions (corresponding to 2% probability of exceedance in 50 years).

Refer to Table 1-1 below (excerpted from FEMA P-154) for a simplified conceptual comparison of traditional seismic screening/evaluation methods, with respect to time required and relative cost.

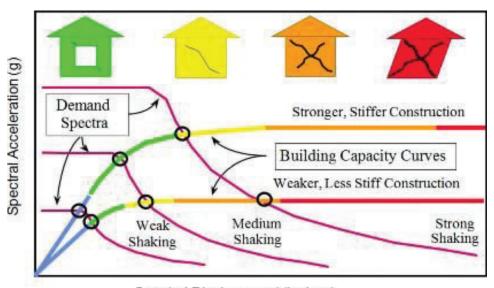
Undamaged	FEMA P-154	ASCE 41 Tier 1	ASCE 41 Tier 2	ASCE 41 Tier 3
Buildings				FEMA P-58
				HAZUS
Earthquake-	ATC-20 Rapid	ATC-20 Detailed	ATC-52-4	ATC-52-4
Damaged			FEMA 352	FEMA 306
Buildings				
Time Required	Minutes to Hour	Hours to Day(s)	Days to Week(s)	Weeks to
(per building)				Month(s)
Relative Cost	\$	\$\$	\$\$\$	\$\$\$\$

Table 1-1 Comparison of Prominent Seismic Evaluation Methods in the United States

#### HIGH-IMPACT LOW-PROBABILITY DISCUSSION

The following chart, FEMA P-155 Figure 4-2, is included as a graphical illustration of the level of damage that can be seen from two different hypothetical buildings, each subjected to three different levels of spectral accelerations (or in a sense three different earthquake magnitudes). Earthquake engineering considers varying probability of seismic ground motions compared to potential structural damage, in an inverse relationship.

Over the 50-year design service period of a building, a major earthquake ("strong shaking") has a "low probability" of occurrence, but results in "high impact" or significant damage. By contrast, a small earthquake ("weak shaking") has a relatively "high probability" of occurrence, with relatively "low impact" or slight damage.



Spectral Displacement (inches)

FEMA P-155 Figure 4-2, example intersection of demand spectra and building capacity curves.

Three different demand spectra examples of earthquake ground motions (weak, medium, and strong "shaking") are compared to the capacity curves for two different hypothetical buildings (weaker and stronger construction). The colors along the capacity curves represent the range of displacement for undamaged plus four different levels of damage: none (blue), slight (green), moderate (yellow), extensive (orange), and complete (red).

[Note that the colors blue, green, yellow, orange, and red in the FEMA figure above do not necessarily correspond to or directly relate to the red, yellow, and green colors used to represent Risk Groups 1, 2, or 3 in this report.]

The "stronger" building has no damage (blue) from weak shaking, slight damage (green) from medium shaking, and moderate damage (yellow) from strong shaking. The "weaker" building has slight damage (green) from weak shaking, moderate damage (yellow) from medium shaking, and extensive damage (orange) from strong shaking.

#### PROCESS DESCRIPTION

The initial step in collecting and processing seismic information relative to each individual structure was to review as-built drawings and construction practices at the time of construction. Any seismic separations which would classify a building as multiple structures are documented. The material, time of construction, type of construction, and any structural irregularities visible in drawings are then recorded.

Each of the four campuses were visited to perform visual observation of each structure. Visual observations include but are not limited to: general conformance of as-built installation with lateral system shown in as-built drawings, damage to finishes that are visible from the exterior, damage to structural framing and foundation anchorage, structural irregularities and non-compliant construction, and modifications or additions to the structure that are not representative in as-built drawings. Photos of the overall structure and photos of specific structural concerns were recorded.

Once site visits were completed, FEMA P-154 forms were filled out. General descriptions of the structures and more in-depth descriptions of irregularities were recorded in the commentary section of the form. Cover photos, satellite imagery, and potential hazards with photo documentation were provided. Subsequently, a Level 1 score was generated and compared against the minimum Level 1 score allowed for that type of construction. For concrete and more complicated structures a Level 2 evaluation was performed to determine a final score for the structure. If Level 2 analysis was not conducted, the Level 1 score was used as the final score.

The last step was to compile all the relevant information for each structure (in regard to a structures seismic risk) and generate charts and graphs to accurately represent the data. This information included: construction type, occupant loads, risk category, and FEMA P-154 final score. Cutoff scores and seismic risk Group assignments to categorize a structure were generated and discussed in the following section of this report. Graphs generated were to include a construction type stockpile pie chart, summary of construction type and FEMA P-154 scores with score cutoffs, and pie charts for percentage of structures/occupants in each seismic risk Group with and without modular buildings (or sometimes referred to as "relocatable" buildings).

#### SEISMIC RISK "GROUP" DESCRIPTIONS

To more thoroughly present data obtained during the survey and to provide a greater range of recommendations to the client, five seismic risk Groups and subgroups were generated to assign structures: 1A, 1B, 2A, 2B, and 3. The Groups range from the most vulnerable (or highest seismic risk) to the least vulnerable (or lowest seismic risk), respectively, with 1A being the highest risk and therefore, in our opinion, the highest priority for further seismic evaluation. Primary seismic risk Group assignment to 1, 2, or 3 is directly related to each structure's FEMA P-154 final score, while subgroup A or B is directly related to the structure's California Building Code (CBC) "Risk Category," based upon each building's occupant load and occupancy type.

FEMA P-154 suggests a cutoff score of 2.0 for structures that need no further seismic evaluation. We have added another cutoff score of 1.0 to identify structures with even higher seismic risk. (Note that the higher the score, the 'better' – or the higher the score, the lower the probability of seismic vulnerabilities in the structure.)

Structures with a final score greater than 2.0 are assigned to Group 3 (further seismic evaluation not necessary). Structures with a final score greater than 1.0 but less than 2.0 are assigned to Group 2 (moderate seismic risk, need for further evaluation when possible). Finally, structures

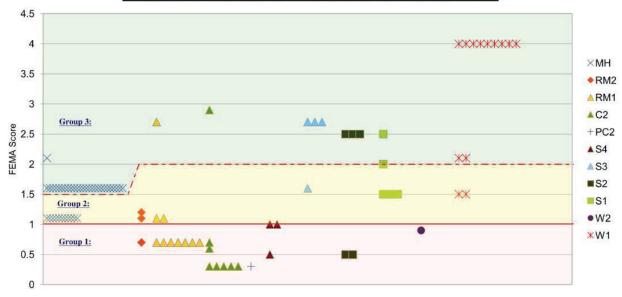
with a final score of 1.0 or less, are assigned to Group 1 (high seismic risk, high priority for further evaluation).

One exception for the upper cutoff score was created for the modular (relocatable) buildings, i.e. the "MH" structure type in the FEMA screening. For these structures, the Group 3 cutoff score was lowered from 2.0 to 1.5. The maximum score that a modular building may receive from a FEMA P-154 Level 1 analysis is 1.6, even for a very new building. This is discussed further under *MODULAR BUILDINGS* below

Once primary seismic risk Group assignments are created, the structures are then evaluated for their "Risk Category" (per CBC Table 1604A.5). Risk Category III includes "buildings and other structures that represent a substantial hazard to human life in the event of failure." For the SBCC campus, these primarily include "educational occupancies for students above the 12<sup>th</sup> grade with an occupant load greater than 500," or "public assembly with an occupant load greater than 300," or any building with an occupant load greater than 5,000. If not meeting Risk Category III criteria, then a structure is assigned to Risk Category II, except for minor storage buildings (not accessed by students or faculty) which can be Risk Category I.

Structures with Group assignments 1 or 2 receive a subgroup A or B assignment. Risk Category III structures receive subgroup A (i.e. 1A or 2A) and Risk Category II structures receive subgroup B (i.e. 1B or 2B). Group 3 structures do not receive a subgroup assignment since no further evaluation is necessary.

#### Summary of Structures by Construction Type & FEMA Score



#### **MODULAR BUILDINGS**

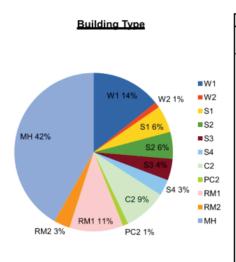
FEMA P-154 screening includes "Manufactured Housing" (or "MH") as a building type in the Data Collection Forms. This includes relocatable classrooms and other prefabricated or modular buildings.

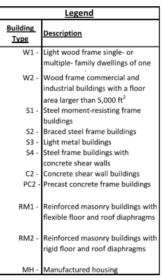
The RVS score is related to risk of collapse. Superstructures of the MH building type rarely collapse, however the greater risk is for the buildings displacing off of their supports, which can cause significant financial damage following an earthquake and some risk to life. The MH score determined by the FEMA and Applied Technology Council (ATC) committees considers probability of collapse as well as subsequent financial loss, although the typical type of damage and risk to occupants is different from other building types.

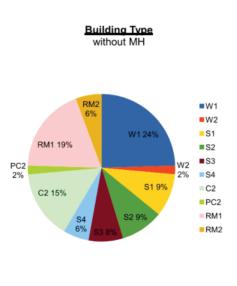
Given that the baseline or "starting" score for an MH structure is 1.1, the maximum possible score (even for a recently constructed modular building) on the SBCC campus is only 1.6, and that the mode of failure for these modular buildings is almost always displacement off of the supports, it is our opinion that for this type of building, applying the 2.0 cutoff score between Seismic Risk Groups 1 and 2 is not appropriate for purposes of this study. For example, a recently constructed DSA-approved modular building should not need to score below the threshold to require further evaluation. Therefore, the 1.5 cutoff score we have selected for this particular type of structure results in an older modular building (1.1 score) to fall into Risk Group 2 and a newer "post-benchmark" modular building (1.6 score) to fall into Risk Group 3.

#### **OVERALL CAMPUS RESULTS**

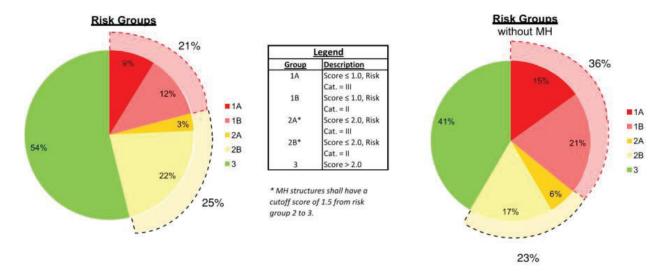
Over the four campuses, 42% of structures were of modular construction. Although seismic risk of these structures was assessed, their data has been removed in certain graphs and figures to better represent the seismic risk of "permanent" buildings across all campuses.



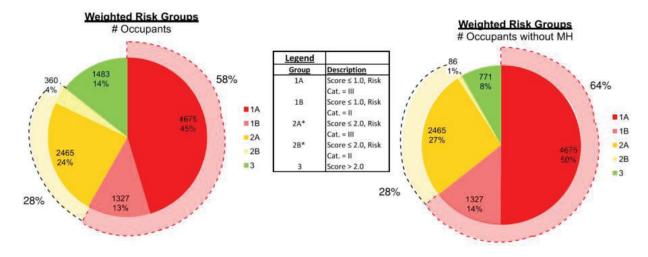




Of the 91 structures assessed (including modulars), 54% of structures are assigned to seismic risk Group 3 with no further evaluation required, 25% are assigned to Group 2 with a need for further evaluation when possible, and 21% are assigned to Group 1 with a strong need for further evaluation. Upon removal of modular buildings from the data, those numbers change to 41% in Group 3, 23% in Group 2, and 36% in Group 1, respectively.



In the above data, each building represents one unit, whether a maintenance shed or large occupancy library. To better represent the number of occupants at potential risk, the data was further analyzed to include weight given to theoretical total possible occupant loads for each building. Of all 91 structures, 14% of *occupants* are located in Group 3 structures, 28% are located in Group 2 structures, and 58% are located in Group 1 structures. Upon removal of modular buildings from the data, those numbers change to 8% of *occupants* in Group 3, 28% in Group 2, and 64% in Group 1, respectively.



Overall, about half the campus building stock is of modular (or 'temporary') construction. The majority of the permanent buildings have a higher seismic risk and strong need for further evaluation. The older concrete and masonry buildings pose higher seismic risk due to their age, having been constructed prior to adoption of building codes that address significant seismic vulnerabilities, while often being used by the majority of occupants throughout the four campuses, being larger buildings. For these reasons, these older concrete and masonry structures should be considered high priority for further evaluation

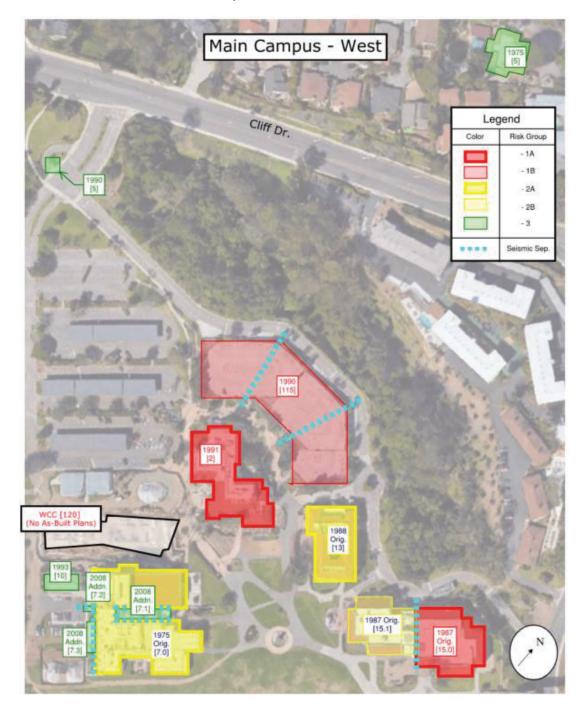
Note that upon further evaluation of structures assigned to seismic risk Groups 1 and 2, it may be determined that fall within acceptable levels of seismic risk. As discussed above, FEMA P-154 is intended to screen buildings relatively quickly for seismic risk, erring on the side of being conservative. More detailed evaluation may determine that some buildings that had higher probability of vulnerabilities may not be of concern or as much of a concern.

#### **MAIN CAMPUS RESULTS**

#### West Campus:

Seismic Risk Group	# of Structs.
1A	2
1B	1
2A	2
2B	1
3	4

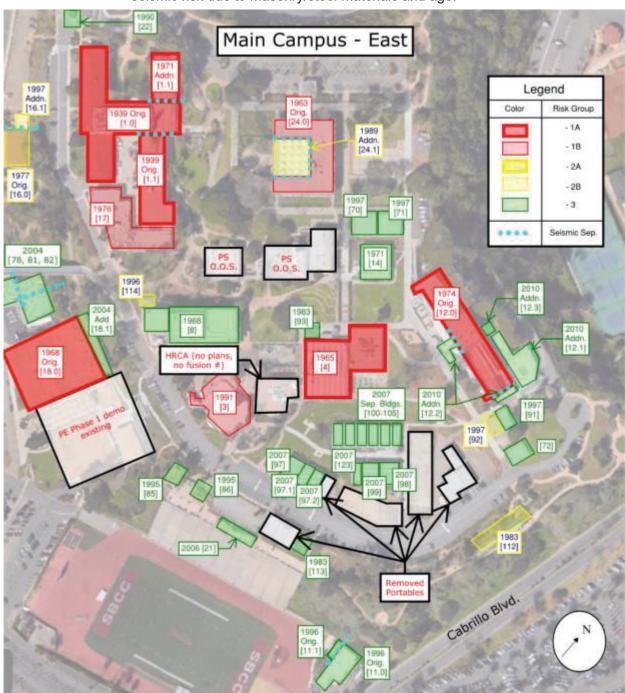
**Summary:** The main campus-west had 12 independent structures surveyed. The most concerning structures include the parking structure (0115), the business/communications center (0002), and the library (0015.0) with the latter two of three having high occupancies. A combination of older construction, precast and formed concrete materials, and structural irregularities provide a high seismic risk. A more in-depth analysis is strongly recommended. The interdisciplinary center (0013), drama/music building (0007.0) and the learning center (0015.1) all have moderate seismic risk due to masonry/formed concrete materials and structural geometry. A more in-depth analysis should be conducted when possible.



#### **East Campus:**

Seismic Risk Group	# of Structs.
1A	6
1B	3
2A	0
2B	6
3	34

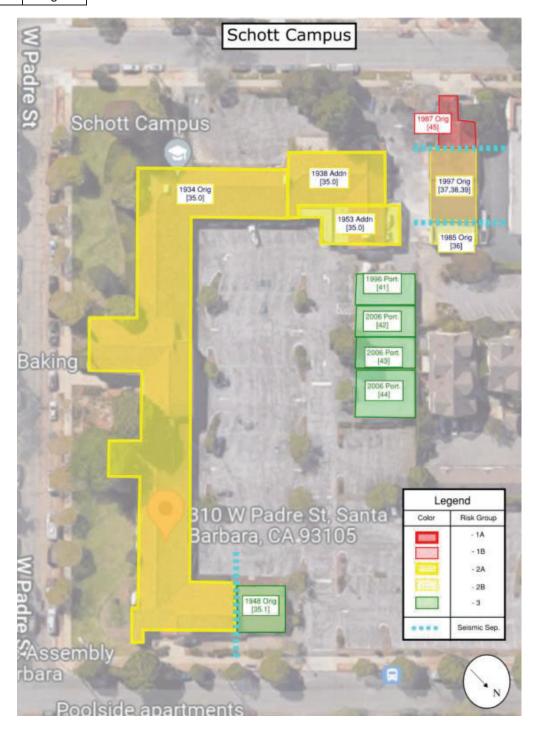
**Summary:** The Main Campus - East had 50 independent structures surveyed. The most concerning structures include the occupational education building, the student services shell structure, the bookstore, the administration building (3 independent structures), the physical education gym, and the humanities main building, and the campus center with the latter 4 of 7 having high occupancies. A combination of older construction, precast and formed concrete materials, and structural irregularities provide a high seismic risk. A more in-depth analysis is strongly recommended. The marine technology building, earth and biology greenhouse, horticulture greenhouse, and student services interior mezzanine all have moderate seismic risk due to masonry/steel materials and age.



#### **Schott Campus:**

Seismic Risk Group	# of Structs.
1A	0
1B	1
2A	1
2B	2
3	5

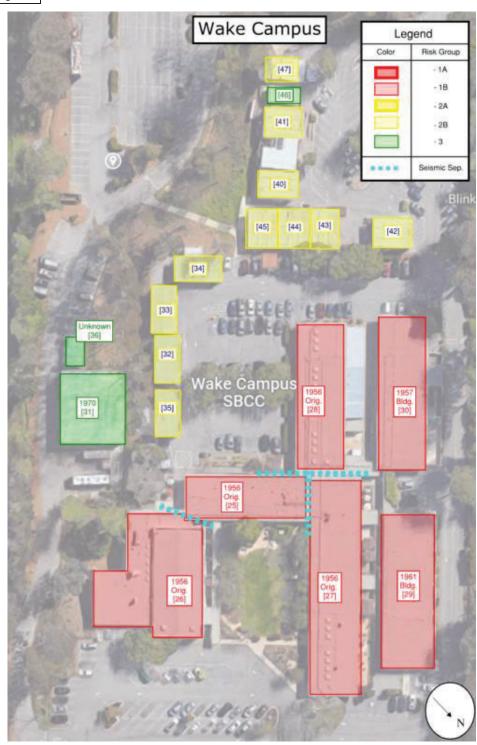
**Summary:** The Schott campus had 9 independent structures surveyed. The most at-risk structure was the maintenance garage located on the southwest corner of the property. A combination of older construction, masonry materials, and structural irregularities provide a higher seismic risk. A more in-depth analysis is strongly recommended. The Schott center, kiln building, ceramics lab and grounds 5 all have moderate seismic risk due to structural irregularities and age, but are wood framed.



Wake Campus:

Seismic Risk Group	# of Structs.
1A	0
1B	6
2A	0
2B	11
3	3

**Summary:** The Wake campus had 20 independent structures surveyed. The most concerning structures include the administration, multipurpose, classrooms 1-6, classrooms 7-10, classrooms 11-14, and classrooms 15-18. A combination of older construction, masonry materials, and lack of shear connection from the roof to the walls provide a high seismic risk. A more indepth analysis is strongly recommended. The remaining structures are modular in construction. Modular structures assigned to Group 2B should be assessed for permit issuance but does not necessarily pose a seismic risk.



#### CONCLUSION

Using FEMA P-154 Rapid Visual Screening of Buildings for Potential Seismic Hazards, we have inventoried and screened buildings across the four different SBCC sites and identified potentially seismically vulnerable structures, based upon expected performance during a significant seismic event. These have been further prioritized or scaled based on the probability of damage or collapse, along with consideration of occupant load and type.

Buildings receiving a score of 2.0 or less warrant a detailed structural seismic evaluation and have been placed in risk Group 1 or 2. Typically, an evaluation based on ASCE 41 will be most appropriate for these buildings. This is discussed in further detail below under *RECOMMENDATIONS*.

A significant portion of the SBCC building inventory consists of modular (relocatable) buildings, as discussed above. These represent a substantially smaller total occupant load than the typically larger permanent buildings, and the type of seismic risk and damage in modular buildings is different from other building types.

Looking at the individual structures across the campuses that were included in the seismic survey, 54% have been placed in risk Group 3, with no further seismic evaluation required; however, upon removing modular buildings (or "MH" type) from the analysis, 41% of the structures are in Group 3.

When considering the maximum allowed occupants in each building and prorating the buildings based on this occupant load, 14% of the total occupants across the campuses would be in Group 3 structures. Upon removing modular buildings from the analysis, only 8% of the total occupants would be in Group 3 structures.

Many of the older concrete and masonry structures on campus, which have higher probabilities of being most seismically vulnerable, tend to have the highest occupant loads. This is illustrated by the fact that 45% of the total possible occupants across the campuses would be in risk Group 1A structures, i.e. those structures of highest concern and of highest priority for further seismic evaluation. Upon removal of the modular buildings from the analysis, 50% of the total possible occupants across the campuses would be in risk Group 1A structures.

#### **RECOMMENDATIONS**

We recommend further development of a campus-specific Seismic Mitigation Program to help inform and guide future action by SBCC. It is important to have a plan in place to ensure that action is taken to actively address seismic survey findings. The Seismic Mitigation Program should take into account the described seismic survey results as well as any other non-structural considerations that may be important to SBCC. Other considerations may include:

- Program use, potential ability to relocate program
- Building utility percentage; are rooms actively used?
- Building retrofit cost versus building replacement cost
- HVAC, deterioration, or other aging facilities
- Project design/construction funding
- Projected future use / development of the campus
- Protection of historic buildings
- Public opinion

As described in Conclusions, all buildings within Groups 1 and 2 will need further analysis to either justify the existing condition or otherwise mitigate the seismic risk via building retrofit or similar. Some additional engineering analysis (likely ASCE 41 Tier 2) may be provided to recategorize a given building into a lower-risk Group. If retrofit is deemed necessary, Division of State Architect (DSA) has well-documented requirements that will need to be completed at the time of proposed rehabilitation.

Another worthwhile step may be to engage the services of a construction cost estimator to assess the overall projected cost of building rehabilitation versus building replacement on a building building basis as well as campus-wide. Even at a very basic price per square foot level, this effort will help SBCC to understand the approximate magnitude of anticipated rehabilitation effort, and will help to inform future bond measures or fundraising.

### **APPENDIX A: Spreadsheet Data by Seismic Risk Group**

Seismic Risk Group 1A:	Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Risk Category	Final FEMA Score	Risk Group	Sub- Group
Description		roup 1A:					
	0001	0001	Administration	III	0.4	1	Α
0002         Business/Communications Ctr.         IIII         0.8         1         A           0004         0004         Campus Ctr.         IIII         0.3         1         A           0012         0015         Outs Ctr.         IIII         0.8         1         A           0015         0015.0         Learning Resource Ctr Library         III         0.7         1         A           0018         Physical Education         III         0.5         1         A           0017         0017         Occupational Education         II         0.5         1         B           0017         0017         Occupational Education         II         0.8         1         B           0017         0017         Occupational Education         II         0.8         1         B           0024         0024         0024         Student Services         II         0.3         1         B           0025         0025         Wake Administration 34B         II         0.7         1         B           0026         0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 7-10<		0001.1	Administration – North East Wing	III	8.0	1	Α
0004         0004         Campus Ctr.         III         0.3         1         A           0012         0012         Humanities         III         0.8         1         A           0015         0015.0         Learning Resource Ctr Library         III         0.7         1         A           0018         Physical Education         III         0.5         1         A           Seismic Risk Group 1B:           0003         0003         Campus Bookstore         II         0.8         1         B           0024         0024         Student Services         II         0.8         1         B           0025         0025         0025         Wake Administration 34B         II         0.7         1         B           0026         0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0029         Classrooms 11-14         II         0.7         1         B           0030         0030         Classrooms 15-18         II         0.7         1         B           00		0001.2	Health Occupation	III	0.3	1	Α
0012	0002	0002	Business/Communications Ctr.	III	0.8	1	Α
Dots   Dots   Dots   Deprised Education   Dots   Dots	0004	0004	Campus Ctr.	III	0.3	1	Α
Designation   Designation	0012	0012	Humanities	III	0.8	1	Α
Seismic Risk Group 1B:	0015	0015.0	Learning Resource Ctr Library	III	0.7	1	Α
D003	0018	0018	Physical Education	III	0.5	1	Α
0017         Occupational Education         II         0.8         1         B           0024         0024         Student Services         II         0.3         1         B           0025         0025         Wake Administration 34B         II         0.7         1         B           0026         0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0028         Classrooms 1-14         II         0.7         1         B           0029         0029         Classrooms 15-18         II         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           Seismic Risk Group 2A:           0007         Drama/Music         III         1.1         1.1         2         A           0013         Interdisciplinary Ctr.         III         1.1         1.1         2         A           Seismic Risk Group 2B:	Seismic Risk G	roup 1B:					
0024         0024         Student Services         II         0.3         1         B           0025         0025         Wake Administration 34B         II         0.7         1         B           0026         0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0028         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 15-18         II         0.7         1         B           0030         Classrooms 15-18         II         0.7         1         B           0045         Maintenance Garage         I         0.7         1         B           0115         Parking Structure         II         0.6         1         B           Seismic Risk Group 2A:           Do015         Darama/Music         III         1.1         1.1         2         A           O013         Do13         Interdisciplinary Ctr.         III         1.1         1.1         2         A           Seismic Risk Group	0003	0003	1 '	II	0.5	1	В
0025         Wake Administration 34B         II         0.7         1         B           0026         0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0028         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 11-14         II         0.7         1         B           0030         0030         Classrooms 15-18         II         0.7         1         B           0045         Maintenance Garage         I         0.7         1         B           0115         Parking Structure         II         0.6         1         B           Seismic Risk Group 2A:           0007         Dorama/Music         III         1.1         2         A           0013         Interdisciplinary Ctr.         III         1.1         2         A           0033         1003         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0016         Marine Technology	0017	1	Occupational Education	II	0.8	1	В
0026         Multipurpose         II         0.7         1         B           0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0028         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 11-14         II         0.7         1         B           0030         0030         Classrooms 15-18         II         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           0115         parking Structure         III         0.6         1         B           Seismic Risk Group 2A:           0007         Drama/Music         III         1.1         2         A           0013         0013         Interdisciplinary Ctr.         III         1.1         2         A           Seismic Risk Group 2B:           0015         O035         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0016         Marine Technology         II         1.3         2         B<	0024	0024	Student Services	II	0.3	1	В
0027         0027         Classrooms 1-6         II         0.7         1         B           0028         0028         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 15-18         II         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           0115         Parking Structure         II         0.6         1         B           Seismic Risk Group 28:           0007         0007         Drama/Music         III         1.1         2         A           0035         Schott Center         III         1.1         2         A           0035         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B	0025	0025	Wake Administration 34B	II	0.7	1	В
0028         Classrooms 7-10         II         0.7         1         B           0029         0029         Classrooms 11-14         II         0.7         1         B           0030         0030         Classrooms 15-18         II         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           0115         Parking Structure         II         0.6         1         B           Seismic Risk Group 2A:           0007         Dorama/Music         III         1.1         2         A           0013         0013         Interdisciplinary Ctr.         III         1.1         2         A           0035         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0015         Oo15.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         Marine Technology – Welding Room         II         1.1         2         B           0024         0024.1         Student Services – Interior Mezzanine         II         1.1         2         B	0026	0026	Multipurpose	II II	0.7	1	В
0029         Classrooms 11-14         II         0.7         1         B           0030         0030         Classrooms 15-18         II         0.7         1         B           0045         0045         Maintenance Garage         I         0.7         1         B           00115         Parking Structure         III         0.6         1         B           Seismic Risk Group 2A:           0007         Dorama/Music         IIII         1.1         2         A           0013         Interdisciplinary Ctr.         IIII         1.1         2         A           0035         0035         Schott Center         III         1.1         2         A           28-ismic Risk Group 2B:         Technology Best Center           0015         Dot15.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         Marine Technology — Welding Room         II         1.1         2         B           0024         0024.1         Student Services — Interior Mezzanine         II         1.5         2         B           0033         0033         Relocatable 27         II         1.1 <td< td=""><td>0027</td><td>0027</td><td>Classrooms 1-6</td><td>II II</td><td>0.7</td><td>1</td><td>В</td></td<>	0027	0027	Classrooms 1-6	II II	0.7	1	В
0030	0028	0028	Classrooms 7-10	II	0.7	1	В
0045         0045         Maintenance Garage         I         0.7         1         B           0115         Parking Structure         II         0.6         1         B           Seismic Risk Group 2A:           0007         Dorama/Music         III         1.1         2         A           0013         Interdisciplinary Ctr.         III         1.1         2         A           0035         0035         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         Marine Technology         III         1.3         2         B           0016.1         Marine Technology - Welding Room         II         1.1         2         B           0024         0024.1         Student Services - Interior Mezzanine         II         1.1         2         B           0032         0032         Relocatable 27         II         1.1         2         B           0033         0033         Relocatable 25         II         1.1         2         B <tr< td=""><td>0029</td><td>0029</td><td>Classrooms 11-14</td><td>II</td><td>0.7</td><td>1</td><td>В</td></tr<>	0029	0029	Classrooms 11-14	II	0.7	1	В
Dili	0030	0030	Classrooms 15-18	II	0.7	1	В
Seismic Risk Group 2A:	0045	0045	Maintenance Garage	ı	0.7	1	В
0007         0007         Drama/Music         III         1.1         2         A           0013         0013         Interdisciplinary Ctr.         III         1.1         2         A           0035         Schott Center         III         1.1         2         A           Seismic Risk Group 28:           0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         Marine Technology         II         1.3         2         B           0024         0024.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 26         II         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         0036         Kiln Building         II         1.5         2         B           0037         0037-0039         Ceramics Lab (Wet/Dry) & Grounds 5         II         1.1         1.1         2         B     <	0115	0115	Parking Structure	II	0.6	1	В
0013         0013         Interdisciplinary Ctr.         III         1.1         2         A           Seismic Risk Group 2B:           0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         Marine Technology         II         1.3         2         B           0024         0016.1         Marine Technology – Welding Room         II         1.1         2         B           0032         0032.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 27         III         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         Relocatable 28         II         1.1         2         B           0036         0036         Kiln Building         II         1.5         2         B           0040         0040         Building 23         II         1.1         1.1         2         B	Seismic Risk G	roup 2A:					
0035         Schott Center         III         1.1         2         A           Seismic Risk Group 2B:           0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         0016         Marine Technology         II         1.3         2         B           0024         0024.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 27         II         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         Relocatable 28         II         1.1         2         B           0036         036         Kiln Building         II         1.5         2         B           0040         0040         Building 23         II         1.1         2         B           0041         0041         Building 24         II         1.1         2         B           0042         0042	0007	0007	Drama/Music	III	1.1	2	Α
Seismic Risk Group 2B:			Interdisciplinary Ctr.				Α
0015         0015.1         Learning Resource Ctr Learning Center         II         1.0         2         B           0016         0016         Marine Technology         II         1.3         2         B           0024         0016.1         Marine Technology – Welding Room         II         1.1         2         B           0024         0024.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 27         II         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         0035         Relocatable 28         II         1.1         2         B           0036         0036         Kiln Building         II         1.5         2         B           0037         0037-0039         Ceramics Lab (Wet/Dry) & Grounds 5         II         1.5         2         B           0040         0040         Building 23         II         1.1         2         B           0042			Schott Center	III	1.1	2	А
0016       Marine Technology       II       1.3       2       B         0016.1       Marine Technology – Welding Room       II       1.1       2       B         0024       0024.1       Student Services – Interior Mezzanine       II       1.5       2       B         0032       0032       Relocatable 27       II       1.1       2       B         0033       0033       Relocatable 26       II       1.1       2       B         0034       0034       Relocatable 25       II       1.1       2       B         0035       0035       Relocatable 28       II       1.1       2       B         0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 20       II       1.1       2       B         0043       0044       0044       Building 21       II <td></td> <td></td> <td>Il a amilia a Danasana Cha. I a amilia a Cantan</td> <td></td> <td>4.0</td> <td></td> <td></td>			Il a amilia a Danasana Cha. I a amilia a Cantan		4.0		
0016.1         Marine Technology – Welding Room         II         1.1         2         B           0024         0024.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 27         II         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         Relocatable 28         II         1.1         2         B           0036         Kiln Building         II         1.5         2         B           0037         0037-0039         Ceramics Lab (Wet/Dry) & Grounds 5         II         1.5         2         B           0040         0040         Building 23         II         1.1         2         B           0041         0041         Building 24         II         1.1         2         B           0043         0043         Building 20         II         1.1         2         B           0044         0044         Building 21         II         1.1         2		1					l
0024         0024.1         Student Services – Interior Mezzanine         II         1.5         2         B           0032         0032         Relocatable 27         II         1.1         2         B           0033         0033         Relocatable 26         II         1.1         2         B           0034         0034         Relocatable 25         II         1.1         2         B           0035         0035         Relocatable 28         II         1.1         2         B           0036         Kiln Building         II         1.5         2         B           0037         0037-0039         Ceramics Lab (Wet/Dry) & Grounds 5         II         1.5         2         B           0040         0040         Building 23         II         1.1         2         B           0041         0041         Building 24         II         1.1         2         B           0042         0042         Building 19         II         1.1         2         B           0043         0043         Building 20         II         1.1         2         B           0044         0044         Building 21         II         1	0016						l
0032       Relocatable 27       II       1.1       2       B         0033       0033       Relocatable 26       II       1.1       2       B         0034       0034       Relocatable 25       II       1.1       2       B         0035       0035       Relocatable 28       II       1.1       2       B         0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       1.1       2       B		1		"			
0033       Relocatable 26       II       1.1       2       B         0034       0034       Relocatable 25       II       1.1       2       B         0035       0035       Relocatable 28       II       1.1       2       B         0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B		1	Student Services – Interior Mezzanine	ll ll			В
0034       Relocatable 25       II       1.1       2       B         0035       0035       Relocatable 28       II       1.1       2       B         0036       0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       0045       Building 22       II       1.1       2       B		1					
0035       Relocatable 28       II       1.1       2       B         0036       0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0033	0033	Relocatable 26	ll ll	1.1	2	В
0036       Kiln Building       II       1.5       2       B         0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0034	0034	Relocatable 25	II	1.1	2	В
0037       0037-0039       Ceramics Lab (Wet/Dry) & Grounds 5       II       1.5       2       B         0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0035	0035	Relocatable 28	II II	1.1	2	В
0040       0040       Building 23       II       1.1       2       B         0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0036	0036	Kiln Building	II	1.5	2	В
0041       0041       Building 24       II       1.1       2       B         0042       0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0037	0037-0039	Ceramics Lab (Wet/Dry) & Grounds 5	II	1.5	2	В
0042       Building 19       II       1.1       2       B         0043       0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0040	0040	Building 23	II	1.1	2	В
0043       Building 20       II       1.1       2       B         0044       0044       Building 21       II       1.1       2       B         0045       Building 22       II       1.1       2       B	0041	0041	Building 24	II	1.1	2	В
0044     0044     Building 21     II     1.1     2     B       0045     Building 22     II     1.1     2     B	0042	0042	Building 19	II	1.1	2	В
0044     0044     Building 21     II     1.1     2     B       0045     Building 22     II     1.1     2     B	0043	0043	Building 20	l II	1.1	2	В
0045 Building 22 II 1.1 2 B	0044	0044		ll ll			
		0045		l II			В
1 1 10 2 1	0047	0047	Construction Lab Storage 2		1.6	2	В

Table A1.0: Spreadsheet Data for Each Structure by Seismic Risk Group

Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Risk Category	Final FEMA Score	Risk Group	Sub- Group
Seismic Risk G	Group 3:		•			
0005	0005	Orfalea Early Learning Ctr.	II	4.0	3	
0007	0007.1	Drama/Music Lower Lobby Add.	III	2.5	3	
	0007.2	Drama/Music South West Entrance Add.	III	2.5	3	
	0007.3	Drama/Music Dressing Room Add.	III	2.7	3	
8000	0008	Earth and Bio-Science	III	2.6	3	
0010	0010	Facilities and Operations	II	4.0	3	
0011	0011	Field House	II	4.0	3	
	0011.1	Field House – Restrooms	II	2.7	3	
0012	0012.1	Humanities – Covered Patio	II	2.0	3	
	0012.2	Humanities – Stair	III	2.9	3	
	0012.3	Humanities – Storage	III	2.7	3	
	0012.4	Humanities – Dark Room	Ш	2.7	3	
0014	0014	English Second Language	Ш	1.6	3	
0018	0018.1	Physical Education – Entrance & Exercise Add.	III	2.5	3	
0021	0021	Press Box and Conference Center	II	2.5	3	
0022	0022	Security Kiosk East	1	4.0	3	
0023	0023	Security Kiosk West		4.0	3	
0031	0031	Modular 10	ll ll	1.6	3	
0035	0035.1	Schott Center – Rooms 1 & 2	II .	2.1	3	
0036	0036	Facilities Storage 3&4		2.1	3	
0041	0041	Relocatable 28		1.6	3	
0042	0042	Relocatable 29	l II	1.6	3	
0043	0043	Relocatable 30	II	1.6	3	
0044	0044	Relocatable 31	"	1.6	3	
0046	0046	Construction Lab Storage 1		2.1	3	
0070 0071	0070 0071	E.C.O.C. 1 E.C.O.C. 2		1.6 1.6	3	
0071	0071	International Education	"	1.6	3	
0078	0072	Shipping and Receiving	l ii	1.6	3	
0081	0081	Faculty Resource Center E	ii ii	1.6	3	
0082	0082	Security Office EC41	II	1.6	3	
0085	0085	Stadium Restrooms	II	4.0	3	
0086	0086	Stadium Ticket/Snack Bar	II	4.0	3	
0088	0088	East Campus Classroom 05	II	1.6	3	
0089	0089	East Campus Classroom 06	II	1.6	3	
0091	0091	E.C.O.C. 4	II	1.6	3	
0092	0092	E.C.O.C. 3	II	1.1	2	В
0093	0093	East Campus Snack Bar	II	4.0	3	
0097	0097	East Campus Classroom 04	II	1.6	3	
0098	0098	East Campus Classroom 14		1.6	3	
0099	0099	East Campus Classroom 15	"	1.6	3	
0100	0100	East Campus Classroom 21	II	1.6	3	I

Table A1.1: Spreadsheet Data for Each Structure by Seismic Risk Group (cont.)

Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Risk Category	Final FEMA Score	Risk Group	Sub- Group
0101	0101	East Campus Classroom 20	II	1.6	3	
0102	0102	East Campus Classroom 19	II	1.6	3	
0103	0103	East Campus Classroom 18	II	1.6	3	
0104	0104	East Campus Classroom 17	II	1.6	3	
0105	0105	East Campus Classroom 16	II	1.6	3	
0112	0112	Horticulture Greenhouse	ı	1.5	2	В
0113	0113	Facilities Storage 1	ı	4.0	3	
0114	0114	Earth and Bio Greenhouse	ı	1.5	2	В
0122	0122	Purchasing R.R.	II	1.6	3	
0123	0123	East Campus Classroom R.R.	II	1.6	3	

Table A1.2: Spreadsheet Data for Each Structure by Seismic Risk Group (cont.)

### **APPENDIX B: Spreadsheet Data by Campus**

Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Building Type	Occupancy Use	Occupant Load	Risk Category	Vertical Irreg.	Plan Irreg.	Level 1 FEMA Score	Level 2 FEMA Score
MAIN CAMPUS										
0002	0002	Business/Communication	S2	В	700	III	Х	X	0.5	8.0
0005	0005	s Ctr. Orfalea Early Learning Ctr.	W1	E	103	Ш			4.0	-
0007	0007.0	Drama/Music	RM2	A-1	935	III		X	0.7	1.1
	0007.1	Drama/Music Lower	S2		333				2.5	
	1	Lobby Add.								
	0007.2	Drama/Music South West Entrance Add.							2.5	-
	0007.3	Drama/Music Dressing Room Add.	S3						2.7	-
0010	0010	Facilities and Operations	W1	U	21	ll ll		l	4.0	-
0013	0013	Interdisciplinary Ctr.	RM2	В	1040	III		l	1.1	-
0015	0015.0	Learning Resource Ctr Library	S4	В	882	III	×	Х	0.5	0.7
	0015.1	Learning Resource Ctr Learning Center	S4					Х	1.0	-
0023	0023	Security Kiosk West	W1	U	1	1		l	4.0	-
0115	0115	Parking Structure	C2	U	0	Ш	Х	Х	0.3	0.6
0120	0120	West Campus Center			874	III				
MAIN CAMPUS	EAST:			<u> </u>	<u> </u>				L	<u> </u>
0001	0001.0	Administration	C2	В	1131	III	Х	Х	0.3	0.4
	0001.1	Administration – North East Wing	C2				×		0.6	8.0
	0001.2	Health Occupation	C2				Х	Х	0.3	0.3
0003	0003	Campus Bookstore	S2	М	20	II	Х	Х	0.5	-
0004	0004	Campus Ctr.	C2	A-2	521	III	Х	Х	0.3	0.3
8000	0008	Earth and Bio-Science	RM2	В	615	III		l	1.2	2.6
0011	0011.0	Field House	W1	U	2	ll ll		l	4.0	-
	0011.1	Field House – Restrooms	RM1						2.7	-
0012	0012.0	Humanities	S4	В	1066	III	Х	l	1.0	0.8
	0012.1	Humanities – Covered Patio	S1					Х	2.0	-
	0012.2	Humanities – Stair	C2						2.9	-
	0012.3	Humanities – Storage	S3					l	2.7	-
	0012.4	Humanities – Dark Room	S3						2.7	-
0014	0014	English Second Language	МН	В	36	Ш			1.6	-
0016	0016.0	Marine Technology	RM1	В	86	ll ll		l	1.1	1.3
	0016.1	Marine Technology – Welding Room	RM1						1.1	-
0017	0017	Occupational Education	C2	В	189	ll ll	Х	Х	0.3	0.8
0018	0018.0	Physical Education	PC2	A-3	375	III	Х		0.3	0.5
	0018.1	Physical Education – Entrance & Exercise Add.	S2						2.5	-
0021	0021	Press Box and	S2	В	28	п			2.5	-
0000	0000	Conference Center		l	_	Ι.		l	4.0	
0022	0022	Security Kiosk East	W1	U	220				4.0	-
0024	0024.0	Student Services	C2	В	329	II		X	0.7	0.3
	0024.1	Student Services – Interior Mezzanine	S1						1.5	-
0070	0070	E.C.O.C. 1	мн	В	15	II			1.6	-
0071	0071	E.C.O.C. 2	МН	В	17	II		l	1.6	-
0072	0072	International Education	МН	В	12	II		l	1.6	-
0078	0078	Shipping and Receiving	МН	U	2	II			1.6	-
0081	0081	Faculty Resource Center E	МН	В	46	Ш			1.6	-
0082	0082	Security Office EC41	мн	U	29	II			1.6	-
0085	0085	Stadium Restrooms	W1	U	0	II		l	4.0	-
0086	0086	Stadium Ticket/Snack Bar	W1	М	0	II			4.0	-
	· -	il. B4 0 0		<del></del>				•	•	•

Table B1.0: Spreadsheet Data for Each Structure by Campus

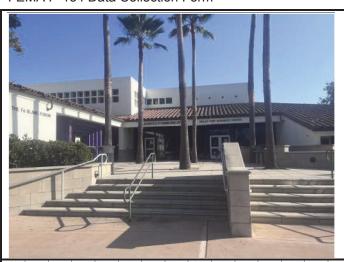
Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Building Type	Occupancy Use	Occupant Load	Risk Category	Vertical Irreg.	Plan Irreg.	Level 1 FEMA Score	Level 2 FEMA Score
0088	0088	East Campus Classroom	MH	В	0	II			1.6	-
0089	0089	05 East Campus Classroom 06	мн	В	45	II			1.6	-
0091	0091	E.C.O.C. 4	мн	В	6	Ш			1.6	
0092	0092	E.C.O.C. 3	МН	В	6	II			1.1	-
0093	0093	East Campus Snack Bar	W1	М	0	II			4.0	-
0097	0097	East Campus Classroom 04	МН	В	27	II			1.6	-
0098	0098	1	МН	В	53	II			1.6	-
0099	0099	East Campus Classroom 15	MH	В	5	II			1.6	-
0100	0100	East Campus Classroom 21	MH	В	9	II			1.6	-
0101	0101	East Campus Classroom 20	MH	В	45	II			1.6	-
0102	0102	East Campus Classroom 19	MH	В	40	II			1.6	-
0103	0103	East Campus Classroom	МН	В	40	П			1.6	-
0104	0104	East Campus Classroom	МН	В	40	П			1.6	-
0105	0105	East Campus Classroom 16	МН	В	40	П			1.6	-
0112	0112	Horticulture Greenhouse	S1	U	0	1			1.5	-
0113	0113	Facilities Storage 1	W1	U	0	1			4.0	-
0114	0114	Earth and Bio Greenhouse	S1	U	0	'			1.5	-
0122	0122	Purchasing R.R.	MH	U	0	II			1.6	-
0123	0123	East Campus Classroom R.R.	МН	U	0	II			1.6	-
WAKE CAMPUS	<u> </u>									
0025	0025	Wake Administration 34B	RM1	В	21	П	Х		0.7	
0026	0026	Multipurpose	RM1	A-3	295	l "i	^	×	0.7	_
0027	0027	Classrooms 1-6	RM1	В	143	ı ii	X	^	0.7	_
0028	0028	Classrooms 7-10	RM1	В	125	ii ii	X		0.7	_
0029	0029	Classrooms 11-14	RM1	В	106	ii ii	X		0.7	-
0030	0030	Classrooms 15-18	RM1	В	99	II	Х		0.7	-
0031	0031	Modular 10	мн	S-1	0	II			1.6	-
0032	0032	Relocatable 27	МН	В	45	II			1.1	-
0033	0033	Relocatable 26	MH	В	0	ll ll			1.1	-
0034	0034	Relocatable 25	МН	В	5	II			1.1	-
0035	0035	Relocatable 28	МН	В	45	II			1.1	-
0036	0036	Facilities Storage 3&4	MH	U	0	1			2.1	-
0040	0040	Building 23	MH	В	36	Ш			1.1	-
0041	0041	Building 24	MH	В	15	II			1.1	-
0042	0042	Building 19	MH	В	40	II			1.1	-
0043	0043	Building 20	MH	В	36	II			1.1	-
0044	0044	Building 21	МН	В	33	II			1.1	-
0045	0045	Building 22	MH	В	13	II .			1.1	-
0046	0046	Construction Lab Storage		S-1	0				2.1	-
0047	0047	Construction Lab Storage 2	S3	S-1	0	'			1.6	-
SCHOTT CAMP	US:	<u> </u>						I	L	
0035	0035	Schott Center	W2	В	490	III		Х	0.9	1.1
5500	0035.1	1	W1	Ī		ii			2.1	-
0036	0036	Kiln Building	W1	U	0	П		×	1.5	_
0037	0037-0039	Ceramics Lab (Wet/Dry)	W1	U		"		×	1.5	_
- 301		& Grounds 5	l,	Ī	0	"		l ^		
0041	0041	Relocatable 28	MH	В	45	П		l	1.6	-

Table B1.1: Spreadsheet Data for Each Structure by Campus (cont.)

Bldg. # From Fusion Report	Bldg. # by T&S	Bldg. Name	Building Type	Occupancy Use	Occupant Load	Risk Category	Vertical Irreg.	Plan Irreg.	Level 1 FEMA Score	Level 2 FEMA Score
0042	0042	Relocatable 29	MH	В	45	II			1.6	-
0043	0043	Relocatable 30	MH	В	45	II			1.6	-
0044	0044	Relocatable 31	MH	В	70	II			1.6	-
0045	0045	Maintenance Garage	RM1	U	0	1			0.7	-

Table B1.2: Spreadsheet Data for Each Structure by Campus (cont.)

### **APPENDIX C: FEMA P-154 Data Collection Forms**



**SKETCH** 

Address: 721 Cliff Dr.	
Santa Barbara, CA Zip: 93109	
Other Identifiers: Main Campus West 0002 (from 2018 Fusion Report)	
Building Name: Business/Communications Center	
Use: Classrooms/Offices	
Latitude: <u>34.40407</u> Longitude: <u>-119.70182</u>	
Ss: 2,238 S <sub>1</sub> : 0,803	
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.16.2022/8:30am	
No. Stories: Above Grade: 3 Below Grade: n/a Year Built: 1991	EST
Total Floor Area (sq. ft.): 35.466 Code Year: 1988	
Additions: X None Yes, Year(s) Built:	
Occupancy: Assembly Commercial Emer. Services   Historic   Shelter	
Industrial Office School Government	
Utility Warehouse Residential, # Units:	
Soil Type: ☐A ☐B ☐C ☐D ☐E ☐F ONK	
Hard Avg Dense Stiff Soft Poor <i>If DNK</i> , assume Type D Rock Rock Soil Soil Soil Soil	).
Geologic Hazards: Liquefaction: Yes/NotDNK Landslide: Yes(NotDNK Surf. Rupt.: Yes(Not	NO
Irregularities: X Vertical (type/severity) Out of Plane Setback (severe) / In Plane Setback (mod	erate)
▼ Plan (type) Re-Entrant Corner	
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Vene	er
Hazards: Parapets Appendages	
Other:	
COMMENTS:	
Three story steel framed structure with steel and metal deck roof, light gage steel walls, supported on a slab-on-grade foundation system. Tube steel braced frames over the steel braced fram	er

walls, su concrete bare me

walls, supported on a slab-on-grade foundation system. Tube steel braced frames over concrete shear walls seismic system. Concrete filled metal deck floor diaphragm and bare metal deck sheathing roof diaphragm. In-plane setbacks of the seismic system were discovered along gridlines 2 & 7 and out-of plane setbacks were discovered along gridlines 3.2, 3.4, 7, H, G, B, and diagonal between B & B.1 (concrete deck used as force distribution). A re-entrant corner exists in the North-West corner of the structure.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	S2 (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

		U	١

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior:	Are There Hazards That Trigger A  Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)  ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building  Yes, score less than cut-off  Yes, other hazards present  No  Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?         IX Yes, Final Level 2 Score, S <sub>L2</sub>	<ul> <li>☐ Geologic hazards or Soil Type F</li> <li>☐ Significant damage/deterioration to the structural system</li> </ul>	▼Yes, nonstructural hazards identified that should be evaluated     No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified				

#### Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA P-154 Data Collection Form

## Level 2 (Optional) VERY HIGH Seismicity

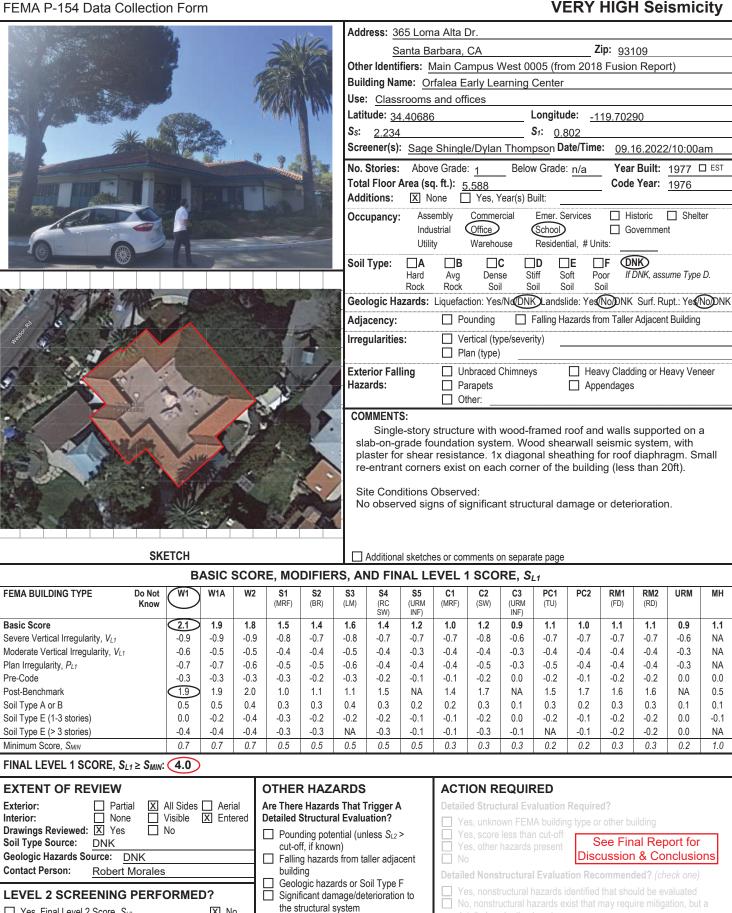
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Business/Communications Ctr.	Final Level 1 Score:	$S_{L1} = 0.2$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.7$	Plan Irregularity, $P_{L1} = -0.5$
Date/Time: 09.16.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.4$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9	
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2	
	Weak		d cripple wall is visible in the crawl space.	-0.5	
	and/or		an occupied story, there is a garage opening without a steel moment frame,		
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9	
	(circle one maximum)	W1A building open front: There are o	openings at the ground story (such as for parking) over at least 50% of the	0.0	
	IIIaxiiIIuIII)	length of the building.	-4	-0.9	
		story is more than 2.0 times the heigh		-0.7	
			stem at any story is between 50% and 75% of that at story above or height		
		of any story is between 1.3 and 2.0 til		-0.4	
	Setback		m at an upper story are outboard of those at the story below causing the		
		diaphragm to cantilever at the offset.		-0.7	
			n at upper stories are inboard of those at lower stories.	-0.4	
			ral elements that is greater than the length of the elements.	-0.2	
	Short		ast 20% of columns (or piers) along a column line in the lateral system have		
	Column/		he nominal height/depth ratio at that level.	-0.4	
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,		
		or there are infill walls or adjacent floo		-0.4	
	Split Level	There is a split level at one of the floo		-0.4	
	Other		rertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.6$
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)
Plan			ar relatively well distributed in plan in either or both directions. (Do not		
Irregularity, PL2		V1A open front irregularity listed above.		-0.5	
	Non-parallel	system: There are one or more major v	rertical elements of the lateral system that are not orthogonal to each other.	-0.2	
			corner exceed 25% of the overall plan dimension in that direction.	-0.2	
			phragm with a width over 50% of the total diaphragm width at that level.	-0.2	
			ams do not align with the columns in plan.	-0.2	$P_{L2} = -0.2$
			irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)
Redundancy			ts on each side of the building in each direction.	(+0.2)	
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7	
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7	
	the building	and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4	
S2 Building	"K" bracing g	eometry is visible.		-0.7	
C1 Building	Flat plate se	rves as the beam in the moment frame.		-0.3	
PC1/RM1 Bldg	There are ro	of-to-wall ties that are visible or known	from drawings that do not rely on cross-grain bending. (Do not combine with		
		nark or retrofit modifier.)		+0.2	
PC1/RM1 Bldg	The building	has closely spaced, full height interior v	walls (rather than an interior space with few walls such as in a warehouse).	+0.2	
URM	Gable walls			-0.3	
MH			ovided between the carriage and the ground.	+0.5	
Retrofit	Comprehens	sive seismic retrofit is visible or known fr	rom drawings.	+1.2	M = +0.2
		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$		(Transfer	to Level 1 form
There is sheen to	blo damaga or	deterioration or another condition that r	negatively affects the building's seismic performance:   Yes  No		

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes Location Statement (Check "Yes" or "No") No Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation required

Comments:		



X Yes

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ 

Nonstructural hazards?

□ No

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



	Whys Compon Chilge Caster
_	
_	
_	The Control of the Co
_	
_	
_	Alligno condi diperantitarp
_	
	SKETCH

Do Not

Know

-0.4

0.7

-0.4

0.7

-0.4

0.7

-0.3

0.5

	Address: 721 Cliff Dr.
	Santa Barbara, CA Zip: 93109
	Other Identifiers: Main Campus West 0007 (from 2018 Fusion Report)
	Building Name: Drama/Music
	Use: Offices, Classrooms, and Auditorium
	Latitude: <u>34.40307</u> Longitude: <u>-119.70143</u>
	<b>S</b> s: <u>2.239</u> <b>S</b> <sub>1</sub> : <u>0.804</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.16.2022/9:30am
	No. Stories: Above Grade: 3 Below Grade: 1 Year Built: 1975 ☐ EST
	Total Floor Area (sq. ft.): 46.325         Code Year: 1973
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assemble Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
	Soil Type: A B C D E F ONK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.  Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	☑ Plan (type) Re-Entrant Corner
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
_	Hazards: Appendages
_	Other:
	COMMENTS:  Three-story above basement structure with steel framed roof and reinforced CMU walls supported on a slab-on-grade foundation system. Reinforced CMU wall seismic system. Reinforced concrete slab for floor diaphragm and concrete filled metal deck for roof diaphragm. A re-entrant corner exists in the
	courtyard between grids 6 & 9.

No observed signs of significant structural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A RM1 URM МН W2 **S1 S2** S3 **S4 S5** C1 C2 C3 PC1 PC2 RM2 (URM (MRF) (BR) (LM) (RC (MRF (SW) (RD) (URM (TU) (FD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.5 NA 1.4 1.7 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1

-0.1

0.3

-0.3

0.3

-0.1

0.3

NA

0.2

-0.1

0.2

-0.2

0.3

-0.2

0.3

0.0

0.2

NA

1.0

Additional sketches or comments on separate page

Site Conditions Observed:

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 0.7

NA

0.5

-0.3

0.5

-0.1

0.5

-0.3

0.5

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed: ☑ Yes ☐ No Soil Type Source: ☐NK Geologic Hazards Source: ☐NK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?   ☐ Yes, Final Level 2 Score, S <sub>L2</sub> 1.1 ☐ No  Nonstructural hazards? ☐ Yes ☐ No	Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>				
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

#### Rapid Visual Screening of Buildings for Potential Seismic Hazards

# Level 2 (Optional)

FEMA P-154 Data Collection Form

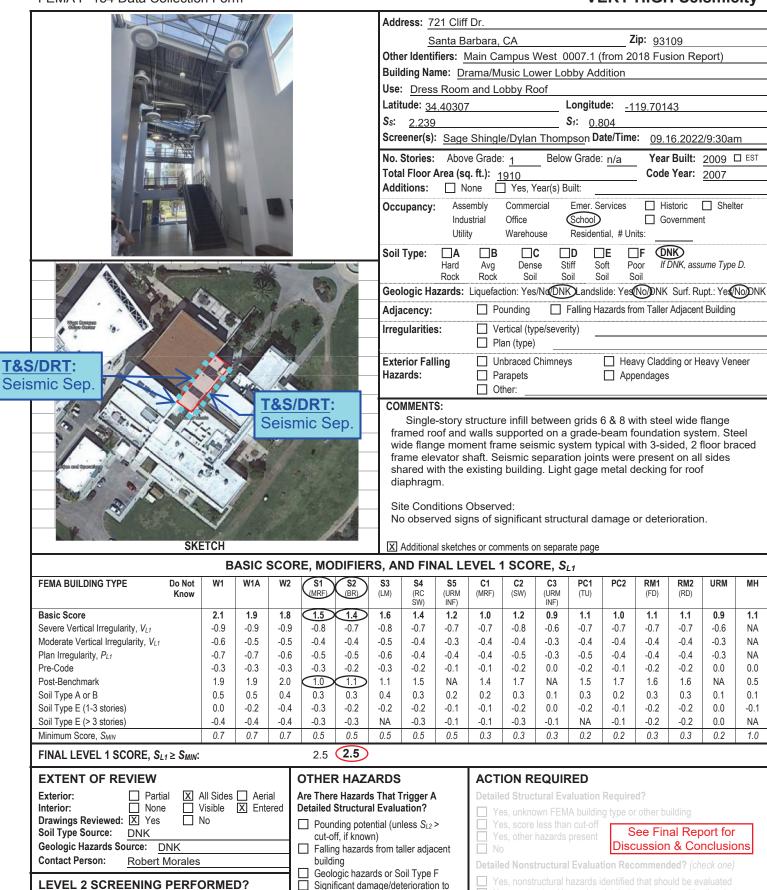
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Drama/Music - 0007	Final Level 1 Score:	$S_{L1} = 0.7$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = 0.0$	Plan Irregularity, $P_{L1} = -0.4$
Date/Time: 09.16.2022   9:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.1$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals	
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9		
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2		
	Weak		d cripple wall is visible in the crawl space.	-0.5		
	and/or		an occupied story, there is a garage opening without a steel moment frame,			
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9		
	(circle one maximum)		openings at the ground story (such as for parking) over at least 50% of the	-0.9		
	,		ystem at any story is less than 50% of that at story above or height of any	-0.7		
			ystem at any story is between 50% and 75% of that at story above or height	-0.1		
		of any story is between 1.3 and 2.0 til	mes the height of the story above.	-0.4		
	Setback		n at an upper story are outboard of those at the story below causing the	0.7		
		diaphragm to cantilever at the offset.		-0.7		
			m at upper stories are inboard of those at lower stories.	-0.4		
			ral elements that is greater than the length of the elements.	-0.2		
	Short Column/		ast 20% of columns (or piers) along a column line in the lateral system have the nominal height/depth ratio at that level.	-0.4		
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,	-0.4		
	1 101	or there are infill walls or adjacent floo		-0.4		
	Split Level					
	Other	'	vertical irregularity that obviously affects the building's seismic performance.	-0.4 -0.7	$V_{L2} = 0.0$	
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)	
Plan			ar relatively well distributed in plan in either or both directions. (Do not	0	(oup at ois)	
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.		-0.5		
5 ,			vertical elements of the lateral system that are not orthogonal to each other.	-0.2		
	Reentrant co	orner: Both projections from an interior	corner exceed 25% of the overall plan dimension in that direction.	(-0.2)		
			phragm with a width over 50% of the total diaphragm width at that level.	-0.2		
			ams do not align with the columns in plan.	-0.2	$P_{L2} = -0.2$	
			irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)	
Redundancy			ts on each side of the building in each direction.	+0.2		
Pounding	Building is se	eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7		
Ü	by less than	1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7		
	the building a	and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4		
S2 Building	"K" bracing g	eometry is visible.		-0.7		
C1 Building	Flat plate ser	rves as the beam in the moment frame.		-0.3		
PC1/RM1 Bldg			from drawings that do not rely on cross-grain bending. (Do not combine with			
		nark or retrofit modifier.)		+0.2		
PC1/RM1 Bldg			walls (rather than an interior space with few walls such as in a warehouse).	+0.2		
URM	Gable walls			-0.3		
MH			ovided between the carriage and the ground.	+0.5	M = +0.2	
Retrofit		ive seismic retrofit is visible or known fr		+1.2		
		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$		Transfer	to Level 1 form	
There is observal	ole damage or	deterioration or another condition that r	negatively affects the building's seismic performance:			

OBSERVABL	OBSERVABLE NONSTRUCTURAL HAZARDS								
Location	Statement (Check "Yes" or "No")	Yes	No	Comment					
Exterior	There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney.		Х						
	There is heavy cladding or heavy veneer.		Х						
	There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported.		Х						
	There is an unreinforced masonry appendage over exit doors or pedestrian walkways.		Х						
	There is a sign posted on the building that indicates hazardous materials are present.		Х						
	There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney.		Х						
	Other observed exterior nonstructural falling hazard:		Х						
Interior	There are hollow clay tile or brick partitions at any stair or exit corridor.		Х						
	Other observed interior nonstructural falling hazard:		Х						
Estimated Nons	tructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions)								
	☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended								
	☐ Nonstructural hazards identified with significant threat to occupant life safety → But no Detailed Nonstructural Evaluation required								
		n require	ed						
			,	•					

Comments:		



X Yes

Yes, Final Level 2 Score, S<sub>L2</sub>

Nonstructural hazards?

□ No

the structural system

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

**PROJECT:** 220014 – SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0007.1 - Drama/Music Additions



T&S/DRT: Expansion Joint

Seismic Seperation @ 0007



Seismic Seperation @ 0007



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Sep.	muritima ( )
All foo coul Operatings	
	SKETCH

	TERRITION CONTINUITY
Address: 721 Cliff Dr.	
Santa Barbara, CA	<b>Zip:</b> 93109
Other Identifiers: Main Campus Wes	st 0007.2 (from 2018 Fusion Report)
Building Name: Drama/Music South	West Entrance Addition
Use: Dress Room and Lobby Roof	
Latitude: 34.40307	Longitude: -119.70143
<b>S</b> s: <u>2.239</u>	<b>S</b> <sub>1</sub> : <u>0.804</u>
Screener(s): Sage Shingle/Dylan Th	ompson <b>Date/Time:</b> 09.16.2022/9:30am
No. Stories: Above Grade: 1 B	lelow Grade: n/a Year Built: 2009 ☐ EST
Total Floor Area (sq. ft.): 159	Code Year: 2007
Additions: None Yes, Year(	s) Built:
Occupancy: Assembly Commercial Industrial Office	School Government
Utility Warehouse	Residential, # Units:
Soil Type: A B C Hard Avg Dense Rock Rock Soil	Stiff Soft Poor If DNK, assume Type D.  Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/No	DNK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
Adjacency: Dounding	☐ Falling Hazards from Taller Adjacent Building
Irregularities:	everity)
☐ Plan (type)	
Exterior Falling  Unbraced Chim	nneys
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS:	I tube fromed roof and light gage at all atted
	I tube framed roof and light gage steel stud & slab-on-grade foundation system. Steel
tube cantilever column seismic sys	stem. Seismic separation joints were
present on all sides shared with th decking for roof diaphragm.	e existing building. Light gage metal

decking for roof diaphragm.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

X Additional sketches or comments on separate page

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S<sub>L1</sub>

FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	(1.0)	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

Seismic

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◟	4	• 1	J	_

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?					
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	<ul> <li>Yes, unknown FEMA building type or other building</li> <li>Yes, score less than cut-off</li> <li>Yes, other hazards present</li> <li>No</li> </ul> See Final Report for Discussion & Conclusions					
Contact Person: Robert Morales  LEVEL 2 SCREENING PERFORMED?	building ☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to	Detailed Nonstructural Evaluation Recommended? (check one)  Yes, nonstructural hazards identified that should be evaluated					
$\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No Nonstructural hazards? $\square$ Yes $\square$ No	the structural system	<ul> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>					

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

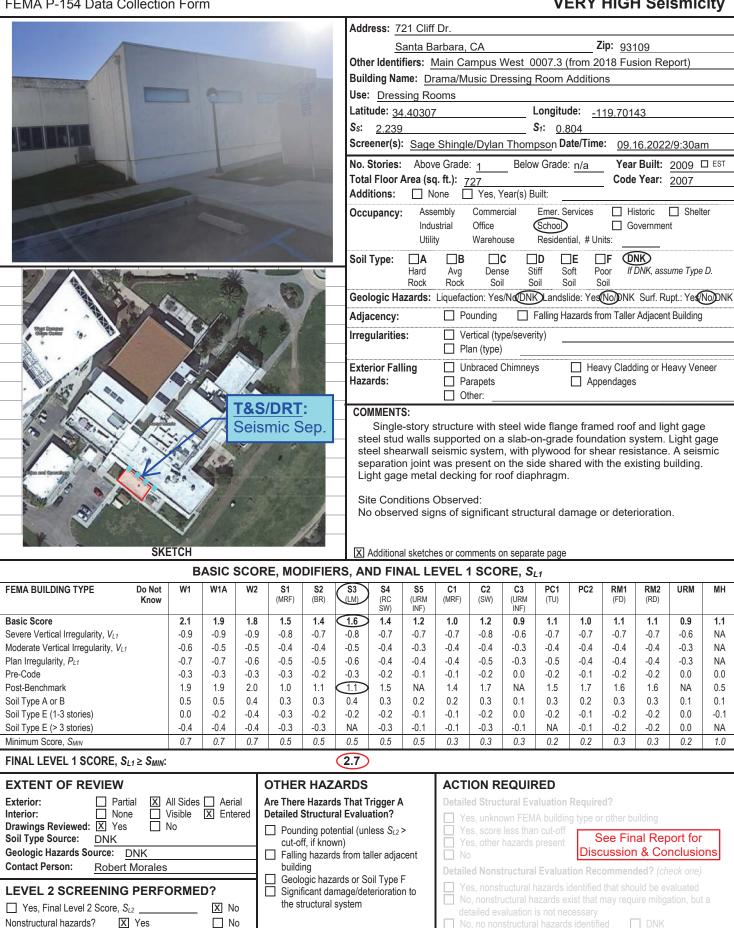
**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0007.1 - Drama/Music Additions



Seismic Seperation @ 0007



Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



Address: 721 Cliff Dr.									
Santa Barbara, CA Zip: 93109									
Other Identifiers: Main Campus West 0010 (from 2018 Fusion Report)									
Building Name: Facilities and Operations									
Use: Offices									
Latitude: <u>34.40290</u> Longitude: <u>-119.70193</u>									
Ss: <u>2.241</u> S <sub>1</sub> : <u>0.804</u>									
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.16.2022/8:00am									
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1992 ☐ EST									
Total Floor Area (sq. ft.): 2.880 Code Year: 1991									
Additions: X None Yes, Year(s) Built:									
Occupancy: Assembly Commercial Emer. Services  Historic  Shelter									
Industrial Office School Government									
Utility Warehouse Residential, # Units:									
Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.									
Hard Avg Dense Stiff Soft Poor <i>If DNK, assume Type D.</i> Rock Rock Soil Soil Soil Soil									
Geologic Hazards: Liquefaction: Yes/NoONK Landslide: Yes(NoONK Surf. Rupt.: Yes(NoONK									
Adjacency: Pounding Falling Hazards from Taller Adjacent Building									
Irregularities:									
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer Appendages Other:									
COMMENTS:  Single-story structure with wood-framed roof and walls supported on a slab-on-grade foundation system. Wood shearwall seismic system, with plywood for shear resistance. Plywood sheathing for roof diaphragm.									
Site Conditions Observed:  No observed signs of significant structural damage or deterioration.									
Additional sketches or comments on separate page									
S, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>									
\$3 \$4 \$5 \$C1 \$C2 \$C3 \$PC1 \$PC2 \$RM1 \$RM2 \$URM \$MH\$ \$(LM) \$(RC (URM (MRF) (SW) (URM (TU) (FD) (RD) (RD) (RD)									

**SKETCH BASIC SCORE, MODIFIERS** FEMA BUILDING TYPE Do Not W1 W1A W2 S1 S2 (MRF) (BR) Know SW) INF) INF) Basic Score 2.1 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 1.9 Severe Vertical Irregularity,  $V_{L1}$ -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 0.0 Pre-Code -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 0.0 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 1.1 1.5 NA 1.4 1.7 NA 1.7 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.5 0.3 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : (4.0)

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed:	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	Yes, score less than cut-off Yes, other hazards present See Final Report for
Geologic Hazards Source: DNK	☐ Falling hazards from taller adjacent	Discussion & Conclusions
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	▼Yes, nonstructural hazards identified that should be evaluated     No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified
Where information cannot be verified, sci	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know



Address: 721 Cliff Dr.	
Santa Barbara, CA	<b>Zip:</b> 93109
Other Identifiers: Main Campus West	0013 (from 2018 Fusion Report)
Building Name: Interdisciplinary Center	er
Use: Classroom/Offices	
Latitude: 34.40428	Longitude: -119.70095
<b>S</b> s: <u>2.235</u>	<b>\$</b> 1: 0.803
Screener(s): Sage Shingle/Dylan Tho	mpson <b>Date/Time:</b> 09.16.2022/8:30am
<u> </u>	low Grade: 0 Year Built: 1988 🗆 EST
Total Floor Area (sq. ft.): 39,147	Code Year: 1985
Additions: None Yes, Year(s)	) Built:
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter
Industrial Office	School Government
Utility Warehouse	Residential, # Units:
Soil Type: A B C Hard Avg Dense	D DE DF ONK Stiff Soft Poor If DNK, assume Type D.
Rock Rock Soil	Soil Soil Soil
	NK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
Adjacency:	Falling Hazards from Taller Adjacent Building
Irregularities:	verity)
☐ Plan (type)	
Exterior Falling	eys
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS:	and CMI I walls at the first and second
,	orced CMU walls at the first and second with light gage steel walls, and supported
on a slab-on-grade foundation syste	em. Wide Flange steel moment frame over
	the seismic system. Concrete filled metal
deck floor diaphragm and bare meta	ы ческ тоог фарптадт.
Site Conditions Observed:	

No observed signs of significant structural damage or deterioration.

SKETCH

Additional sketches or comments on separate page

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, Sc.

		D	ASIC	SCUR	E, WO	DIFIE	KO, AI	ND LII	NAL LI	EVEL	1 300	KE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	(1.1)	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>	_	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 1.5

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building					
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions					
Contact Person: Robert Morales	building  Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)					
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified DNK					
Where information cannot be verified, scr	reener shall note the following: EST = Esting	mated or unreliable data <u>OR</u> DNK = Do Not Know					

MRF = Moment-resisting frame BR = Braced frame

RC = Reinforced concrete SW = Shear wall URM INF = Unreinforced masonry infill TU = Tilt up

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

(1.1)

#### Level 1 **VERY HIGH Seismicity**

				(An)	No. of	i de de	Add	lress: <u>7</u>	21 Cliff	Dr.								
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LONA LASSARY	Latina				11/2													
	ote.		3	1775	N			Stories:				Below	Grade	: <u>n/a</u>	_	r Built: • Year:	1987	LESI
LA K	. 4	ħ. I				M		ai Fioor / litions:	Area (Su N∈XIN	ne [	<u>7,701</u> ] Yes, Yea	r(s) Buil	lt·		Code	rear.	1985	
						H		upancy		embly	Commercia			Services	☐ Hi	istoric	☐ Shelt	er
	Dy !	-						иринсу.	Indu	•	Office	_	chool			overnmer	_	
	Jul Jul								Utilit	y	Warehouse	R	esiden	itial, #Un	its:			
	6						Soil	Type:	□ <b>A</b> Hard Rock	□ <b>B</b> Avg Rock	□ <b>C</b> Dense Soil	□D Stiff Soil	S	Soft Po		<b>NK)</b> DNK, ass	ите Туре	D.
	7 1						Geo	logic Ha			tion: Yes/No					Surf. Ru	ıpt.: Ye <b>s</b> ∫	NoDNK
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				~		1		gularitie			ertical (type/							
	1/							-		X Pl	an (type)	Re-e	ntrant	t Corne	r			
	1	(descr)	>	1	Dy Ang			erior Fal ards:	ing	☐ Pa	ibraced Chi irapets her:	mneys			avy Clado endages	-	eavy Ver	ieer
&S/DRT: eismic Sep.							Two students about the students	d framed ve reinforce diappear between the on the back. Alo sing an inth-west conditions and distinct the Conditions Additions	ructure viewalls su creed cornragm, reen the upper fing gridling-plane corners corners cornes	pported norete for einforce library a loor is on e C, a is setback. If the street erved: f signification or context of the street erved:	ant structunments on s	on-grad call seis slab fo g resou concret me doe t corner ral dam eparate E, S <sub>L1</sub>	e foun mic sy r floor irce ce e wall: es not rs exis	ndation s ystem. Li diaphragenter. Alco s below, stack ov sts on no	ystem. Sight gagingm. Seisong gridlicausing yer a corunth-east	Steel mo e metal o smic sep ine 9 & I g a sever ncrete wa , north-w	ment fra deck she aration v B, a mon e out-of- all below vest and	me athing vas nent plane
FEMA BUILDING TYPE	Do Not	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (PC	S5 (URM	C1 (MRF)		C3 URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	
	Know				(WIKF)	(DK)	(LIVI)	SW)	INF)	(IVIECT)	ì í ì	INF)	(10)		(FD)	I (RD)		МН
Basic Score Severe Vertical Irregularity, $V_{L1}$		<b>2.1</b> -0.9	<b>1.9</b> -0.9	<b>1.8</b> -0.9	<b>1.5</b> -0.8	<b>1.4</b> -0.7	<b>1.6</b> -0.8	(1.4)	1.2	1.0	1.2	0.9	1.1	1.0	1.1	,		МН
Moderate Vertical Irregularity, $V_{L1}$			-0.9	-0.9	-0.0	-0.7		0.7	0.7	0.7	0.0	0.6		0.7		1.1	0.9	1.1
,,		-0.6	-0.5	-0.5	-0.4	-0.4		-0.7	-0.7 -0.3	-0.7 -0.4		·0.6 ·0.3	-0.7 -0.4	-0.7 -0.4	-0.7	<b>1.1</b> -0.7	-0.6	<b>1.1</b> NA
Plan Irregularity, P <sub>L1</sub>		-0.6 -0.7	-0.5 -0.7	-0.5 -0.6		-0.4 -0.5	-0.6 -0.5 -0.6	-0.7 -0.4 -0.4	-0.7 -0.3 -0.4	-0.7 -0.4 -0.4	-0.4 -	·0.6 ·0.3 ·0.3	-0.7 -0.4 -0.5	-0.7 -0.4 -0.4		1.1		1.1
Pre-Code		-0.7 -0.3	-0.7 -0.3	-0.6 -0.3	-0.5 -0.3	-0.5 -0.2	-0.5 -0.6 -0.3	-0.4 -0.2	-0.3 -0.4 -0.1	-0.4 -0.4 -0.1	-0.4 -0.5 -0.2	·0.3 ·0.3 0.0	-0.4 -0.5 -0.2	-0.4 -0.4 -0.1	-0.7 -0.4 -0.4 -0.2	1.1 -0.7 -0.4 -0.4 -0.2	-0.6 -0.3 -0.3 0.0	1.1 NA NA NA 0.0
Pre-Code Post-Benchmark		-0.7 -0.3 1.9	-0.7 -0.3 1.9	-0.6 -0.3 2.0	-0.5 -0.3 1.0	-0.5 -0.2 1.1	-0.5 -0.6 -0.3 1.1	-0.4 -0.2 1.5	-0.3 -0.4 -0.1 NA	-0.4 -0.4 -0.1 1.4	-0.4 -0.5 -0.2 1.7	-0.3 -0.3 0.0 NA	-0.4 -0.5 -0.2 1.5	-0.4 -0.4 -0.1 1.7	-0.7 -0.4 -0.4 -0.2 1.6	1.1 -0.7 -0.4 -0.4 -0.2 1.6	-0.6 -0.3 -0.3 0.0 NA	1.1 NA NA NA 0.0 0.5
Pre-Code Post-Benchmark Soil Type A or B		-0.7 -0.3 1.9 0.5	-0.7 -0.3 1.9 0.5	-0.6 -0.3 2.0 0.4	-0.5 -0.3 1.0 0.3	-0.5 -0.2 1.1 0.3	-0.5 -0.6 -0.3 1.1 0.4	-0.4 -0.2 1.5 0.3	-0.3 -0.4 -0.1 NA 0.2	-0.4 -0.4 -0.1 1.4 0.2	-0.4 -0.5 -0.2 1.7 0.3	0.3 0.3 0.0 NA 0.1	-0.4 -0.5 -0.2 1.5 0.3	-0.4 -0.4 -0.1 1.7 0.2	-0.7 -0.4 -0.4 -0.2 1.6 0.3	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3	-0.6 -0.3 -0.3 0.0 NA 0.1	1.1 NA NA NA 0.0 0.5 0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories)		-0.7 -0.3 1.9	-0.7 -0.3 1.9	-0.6 -0.3 2.0	-0.5 -0.3 1.0 0.3 -0.3	-0.5 -0.2 1.1	-0.5 -0.6 -0.3 1.1	-0.4 -0.2 1.5	-0.3 -0.4 -0.1 NA	-0.4 -0.4 -0.1 1.4	-0.4 -0.5 -0.2 1.7 0.3 -0.2	-0.3 -0.3 0.0 NA	-0.4 -0.5 -0.2 1.5	-0.4 -0.4 -0.1 1.7	-0.7 -0.4 -0.4 -0.2 1.6	1.1 -0.7 -0.4 -0.4 -0.2 1.6	-0.6 -0.3 -0.3 0.0 NA	1.1 NA NA NA 0.0 0.5
Pre-Code Post-Benchmark Soil Type A or B		-0.7 -0.3 1.9 0.5 0.0	-0.7 -0.3 1.9 0.5 -0.2	-0.6 -0.3 2.0 0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3	-0.5 -0.2 1.1 0.3 -0.2	-0.5 -0.6 -0.3 1.1 0.4 -0.2	-0.4 -0.2 1.5 0.3 -0.2	-0.3 -0.4 -0.1 NA 0.2 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1	-0.40.50.2 0 1.7 0.3 0 -0.2 0 -0.3	0.3 0.3 0.0 NA 0.1 0.0	-0.4 -0.5 -0.2 1.5 0.3 -0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA NA 0.0 0.5 0.1 -0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories)	1 ≥ <b>S</b> MIN:	-0.7 -0.3 1.9 0.5 0.0 -0.4	-0.7 -0.3 1.9 0.5 -0.2 -0.4	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3	-0.5 -0.2 1.1 0.3 -0.2 -0.3	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA	-0.4 -0.2 1.5 0.3 -0.2 -0.3	-0.3 -0.4 -0.1 NA 0.2 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1	-0.40.50.2 0 1.7 0.3 0 -0.2 0 -0.3	0.3 0.3 0.0 NA 0.1 0.0	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA	-0.4 -0.4 -0.1 1.7 0.2 -0.1	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA NA 0.0 0.5 0.1 -0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, S <sub>MIN</sub>	1 ≥ S <sub>MIN</sub> :	-0.7 -0.3 1.9 0.5 0.0 -0.4	-0.7 -0.3 1.9 0.5 -0.2 -0.4	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5	-0.4 -0.2 1.5 0.3 -0.2 -0.3 -0.5 0.5	-0.3 -0.4 -0.1 NA 0.2 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1	-0.40.50.2 0 1.7 0.3 0 -0.2 0 -0.3	0.3 0.3 0.0 NA 0.1 0.0 0.1	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA NA 0.0 0.5 0.1 -0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, S <sub>MIN</sub> FINAL LEVEL 1 SCORE, S <sub>L</sub> EXTENT OF REVIEW Exterior: Partia	al 🗵 A	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3 0.5	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5	-0.4 -0.2 1.5 0.3 -0.2 -0.3 0.5 0.5	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3	-0.40.50.2 1.7 0.3 -0.2 -0.30.30.3	0.3 0.3 0.0 0.0 NA 0.1 0.0 0.1 0.3	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA NA 0.0 0.5 0.1 -0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW  Exterior:	al 🛛 A	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3 0.5	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5	0.4 -0.2 1.5 0.3 -0.2 -0.3 0.5 0.5	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3	-0.40.50.20.2 1.7 0.30.20.30.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.3 0.3 0.0 0.0 0.1 0.0 0.1 0.3 QUIRE	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1 0.2	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA NA 0.0 0.5 0.1 -0.1
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, S <sub>MIN</sub> FINAL LEVEL 1 SCORE, S <sub>L</sub> EXTENT OF REVIEW Exterior: Partia	al 🗵 A	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3 -0.5  OTHE	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5	-0.4 -0.2 1.5 0.3 -0.2 -0.3 0.5 0.5	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3	-0.40.50.20.20.30.20.3 -	0.3 0.0 0.0 NA 0.1 0.0 0.1 0.3 QUIRE al Evalu	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1 0.2	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	-0.6 -0.3 -0.3 0.0 NA 0.1 0.0	1.1 NA NA 0.0 0.5 0.1 -0.1 NA
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW Exterior: Partial Interior: None Drawings Reviewed: Yes Soil Type Source: DNK Geologic Hazards Source: D	al X / e	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3 0.5  OTHEI Are Ther Detailed  Pour cut-c Fallin	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5  R HAZ re Hazard Structur ading pote off, if knowng hazard	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5  ARDS Is That Tall Evaluemential (urvn)	0.4 -0.2 1.5 0.3 -0.2 -0.3 0.5 0.5	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1 0.5	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3  ACTI Detaile Yee Yee	-0.40.5	0.3 0.3 0.0 NA 0.1 0.0 0.1 0.3 QUIRE al Evalu FEMA s than ozards pr	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1 0.2	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3 -0.2 -0.2 0.3	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	-0.6 -0.3 -0.3 -0.0 NA 0.1 0.0 0.0 0.2	1.1 NA NA 0.0 0.5 0.1 -0.1 NA 1.0
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW  Exterior: Particular Particular Prawings Reviewed: Yes Soil Type Source: DNK Geologic Hazards Source: Contact Person: Robert I	al X A	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7	-0.6 -0.3 2.0 0.4 -0.4 -0.4	-0.5 -0.3 1.0 0.3 -0.3 -0.3 0.5  OTHE  Are Ther Detailed  Pour cut-c Falling build Geol	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5  R HAZ  Re Hazard  Structur  nding pote off, if knowng hazard ing ogic hazard	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5  ARDS  Is That Tall Evaluation (ur vyn) is from tall ards or S	0.4 -0.2 1.5 0.3 -0.2 -0.3 -0.5 0.5  Trigger A lation? aller adjaction adjac	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1 0.5	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3  ACT Detaild Ye No Detaild	-0.4	0.3 0.3 0.0 NA 0.1 0.0 0.1 0.3 QUIRE al Evaluation FEMA is than or	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1 0.2  Require	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3 d? r other busion	1.1 -0.7 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3	-0.6 -0.3 -0.3 -0.0 NA 0.1 0.0 0.0 0.2	1.1 NA NA 0.0 0.5 0.1 -0.1 NA 1.0
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW Exterior: Particular Particular Present Soil Type Source: DNK Geologic Hazards Source: Contact Person: Robert I	al X / B	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7	-0.6 -0.3 2.0 0.4 -0.4 -0.4 -0.7	-0.5 -0.3 1.0 0.3 -0.3 -0.3  0.5  OTHE  Are Ther  Detailed  Pour  cut-c  Fallin  build  Geol  Sign	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5  R HAZ Re Hazard Structur  adding pote off, if known  ng hazard  ing  ogic hazard  ing  ogic hazard  ing	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5  ARDS  Is That al Evaluential (ur vn) ls from to ards or Smage/de	0.4 -0.2 1.5 0.3 -0.2 -0.3 -0.5 0.5  Trigger Alation? hless S <sub>L2</sub>	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1 0.5	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3  ACTI Detaile Yee No Detaile	-0.4	0.3 0.0 0.0 NA 0.1 0.0 0.1 0.3  QUIRE al Evalu FEMA ss than or zards pr ctural E	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2  ED  uation buildinctut-off essent	-0.4 -0.4 -0.1 1.7 0.2 -0.1 -0.1 0.2  Require ng type or  Significant  Cidentified	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3 d? r other busing that sho	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3 0.3	-0.6 -0.3 -0.3 -0.0 NA 0.1 0.0 0.0 0.2	1.1 NA NA 0.0 0.5 0.1 -0.1 NA 1.0
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW Exterior: Partic Interior: None Drawings Reviewed: Yes Soil Type Source: DNK Geologic Hazards Source: Contact Person: Robert    LEVEL 2 SCREENING  X Yes, Final Level 2 Score, SL	al X A B	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7  Aeri	-0.6.6 -0.3.3 2.0 0.4 -0.4.4 -0.4.4 -0.7	-0.5 -0.3 1.0 0.3 -0.3 -0.3  0.5  OTHE  Are Ther  Detailed  Pour  cut-c  Fallin  build  Geol  Sign	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5  R HAZ  Re Hazard  Structur  nding pote off, if knowng hazard ing ogic hazard	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5  ARDS  Is That al Evaluential (ur vn) ls from to ards or Smage/de	0.4 -0.2 1.5 0.3 -0.2 -0.3 -0.5 0.5  Trigger A lation? aller adjaction adjac	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1 0.5	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3  ACT Detaile Yee No Detaile	-0.4 -0.5 -0.2 1.7 0.3 -0.2 -0.3 -0.3  ON REG ed Structures, unknown s, score less, other haz	0.3 0.3 0.0 NA 0.1 0.0 0.1 0.0 0.1 0.3  QUIRE al Evalu 1 FEMA 2 Example 1 FEMA 2 Example 2 Examp	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2 ED uation buildin- cut-off resent	Require  S Disc  identified exist that recessary	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3  d? r other but see Fine cussior omment that sho may requ	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3 0.3 -0.2 -0.2 0.3	-0.6 -0.3 -0.3 -0.0 NA 0.1 0.0 0.0 0.2	1.1 NA NA 0.0 0.5 0.1 -0.1 NA 1.0
Pre-Code Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, SMIN  FINAL LEVEL 1 SCORE, SL  EXTENT OF REVIEW Exterior: Particular	PERFO	-0.7 -0.3 1.9 0.5 0.0 -0.4 0.7	-0.7 -0.3 1.9 0.5 -0.2 -0.4 0.7  Aeri X Ente	-0.6 -0.3 2.0 0.4 -0.4 -0.4 -0.4 -0.7	OTHE  Are Ther  Detailed  Gelool  Gelool	-0.5 -0.2 1.1 0.3 -0.2 -0.3 0.5  R HAZ e Hazard Structur ding pote off, if knov ng hazard ing ogic hazard ing ogic hazard ing the control of the control of the control ing the control of the contro	-0.5 -0.6 -0.3 1.1 0.4 -0.2 NA 0.5  ARDS Is That al Evaluential (ur vn) ls from tards or S mage/desystem	0.4 -0.2 1.5 0.3 -0.2 -0.3 -0.5 0.5  Trigger A station? aller adjaction Type teterioration	-0.3 -0.4 -0.1 NA 0.2 -0.1 -0.1 0.5	-0.4 -0.4 -0.1 1.4 0.2 -0.1 -0.1 0.3  ACT  Detaile  Ye  No  Detaile  No  No	ON RECORDANCE OF CONTROL OF CONTR	0.3 0.3 0.0 NA 0.1 0.0 0.1 0.3  QUIRE al Evalu i FEMA czards pr ctural E tural haz ation is uctural I	-0.4 -0.5 -0.2 1.5 0.3 -0.2 NA 0.2  ED uation buildiningut-off resent	Require  S Disc  identified  ixist that recessary  Is identified	-0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3  d? r other busion cussion that sho may required	1.1 -0.7 -0.4 -0.4 -0.2 1.6 0.3 -0.2 -0.2 0.3  all Repair & Co ded? (ch	-0.6 -0.3 -0.3 -0.0 NA 0.1 0.0 0.0 0.2	1.1 NA NA 0.0 0.5 0.1 -0.1 NA 1.0

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

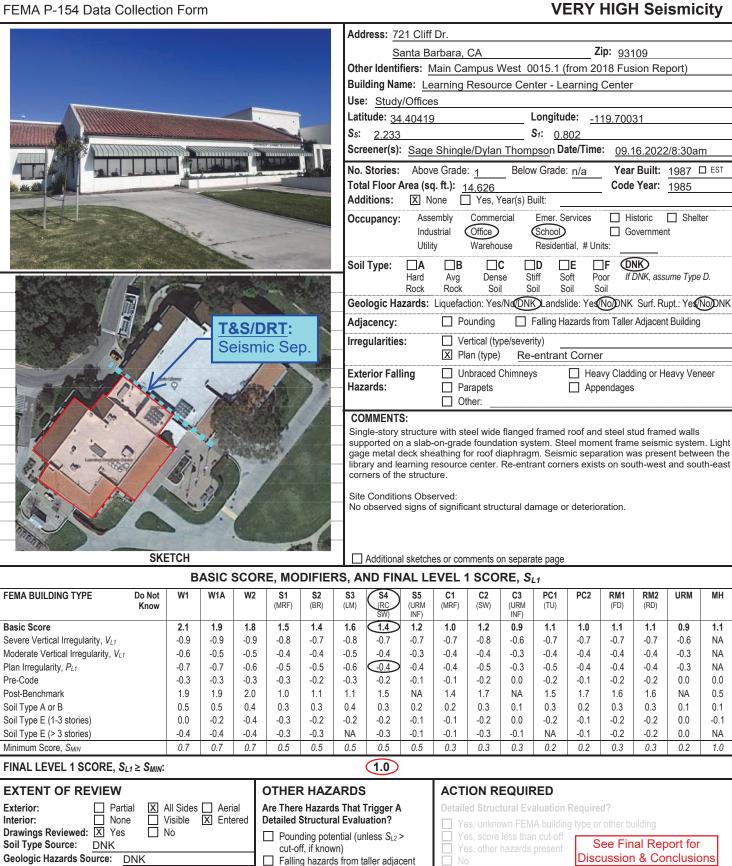
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name:	: Learning Resource Center - Library 0015.0	Final Level 1 Score:	$S_{L1} = 0.3$	(do not consider $S_{MIN}$ )
Screener:	Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.7$	Plan Irregularity, $P_{L1} = -0.4$
Date/Time:	09.16.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.4$	

Topic		RS TO ADD TO ADJUSTED BAS If statement is true, circle the "Yes" modif		Yes	Subtotals					
Vertical	Sloping		ry grade change from one side of the building to the other.	-0.9						
Irregularity, V <sub>L2</sub>	Site		Il story grade change from one side of the building to the other.	-0.2						
	Weak									
	and/or W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame,									
	Soft Story									
	(circle one maximum) W1A building open front: There are openings at the ground story (such as for parking) over at least 50% of the length of the building.									
		Non-W1 building: Length of lateral sys story is more than 2.0 times the height	tem at any story is less than 50% of that at story above or height of any of the story above.	-0.7						
			tem at any story is between 50% and 75% of that at story above or height	-0.4						
	Setback		at an upper story are outboard of those at the story below causing the							
		diaphragm to cantilever at the offset.		<u> </u>						
			at upper stories are inboard of those at lower stories.	-0.4						
			l elements that is greater than the length of the elements.	<b>-0.2</b>						
	Short Column/		at 20% of columns (or piers) along a column line in the lateral system have e nominal height/depth ratio at that level.	-0.4						
	Pier	C1,C2,C3,PC1,PC2,RM1,RM2: The co or there are infill walls or adjacent floor	-0.4							
	Split Level	There is a split level at one of the floor	levels or at the roof.	-0.4						
	Other	There is another observable severe ver	rtical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.9$					
	Irregularity		vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)					
Plan	Torsional irre		relatively well distributed in plan in either or both directions. (Do not		· · ·					
Irregularity, P <sub>L2</sub>	include the V	V1A open front irregularity listed above.)		-0.5						
	Non-parallel	system: There are one or more major ver	rtical elements of the lateral system that are not orthogonal to each other.	-0.2						
			orner exceed 25% of the overall plan dimension in that direction.	-0.2						
	Diaphragm o	pening: There is an opening in the diaph	nragm with a width over 50% of the total diaphragm width at that level.	-0.2						
		ng out-of-plane offset: The exterior bean		-0.2	$P_{L2} = 0.0$					
	Other irregul	arity: There is another observable plan irr	regularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)					
Redundancy	The building	has at least two bays of lateral elements	on each side of the building in each direction.	(+0.2)						
Pounding		parated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7						
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7						
	the building a	and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4						
S2 Building	"K" bracing g	eometry is visible.		-0.7						
C1 Building		ves as the beam in the moment frame.		-0.3						
PC1/RM1 Bldg		of-to-wall ties that are visible or known from the control of the	om drawings that do not rely on cross-grain bending. (Do not combine with	+0.2						
PC1/RM1 Bldg			alls (rather than an interior space with few walls such as in a warehouse).	+0.2						
URM	Gable walls		, , , , , , , , , , , , , , , , , , , ,	-0.3						
MH			ided between the carriage and the ground.	+0.5						
Retrofit		ive seismic retrofit is visible or known from		+1.2	M = +0.2					
		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$ :			to Level 1 form					
There is observat	ole damage or	deterioration or another condition that ne	gatively affects the building's seismic performance: Yes X No the Level 1 form that detailed evaluation is required independent of the buildin							

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Comment Location Statement (Check "Yes" or "No") There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		



 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ 

LEVEL 2 SCREENING PERFORMED?

Robert Morales

**Contact Person:** 

Legend:

X No

building

Geologic hazards or Soil Type F

the structural system

Significant damage/deterioration to

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

**Detailed Nonstructural Evaluation Recommended?** (check one)



	N.	
1		

**SKETCH** 

VER	Y HIGH Seismicity									
Address: 721 Cliff Dr.										
Santa Barbara, CA	<b>Zip:</b> 93109									
Other Identifiers: Main Campus West 0023 (from 2	018 Fusion Report)									
Building Name: Security Kiosk West										
Use: Security										
Latitude: <u>34.40440</u> Longitude: <u>-119.70427</u>										
<b>S</b> s: <u>2.244</u> <b>S</b> 1: <u>0.805</u>										
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.16.2022/8:30am										
No. Stories: Above Grade: 1 Below Grade: n/a	Year Built: 1990 🛛 EST									
Total Floor Area (sq. ft.): 65	Code Year: 1988									
Additions: X None Yes, Year(s) Built:										
Occupancy: Assembly Commercial Emer. Services										
Industrial Office School	Government									
Utility Warehouse Residential, #										
Soil Type: A B C D E  Hard Avg Dense Stiff Soft	Poor If DNK, assume Type D.									
Rock Rock Soil Soil Soil	Soil									
Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Y	es(No)DNK Surf. Rupt.: Yes(No)DNK									
Adjacency: Pounding Falling Hazards	s from Taller Adjacent Building									
Irregularities:										
Plan (type)										
Exterior Falling Unbraced Chimneys	Heavy Cladding or Heavy Veneer									
	Appendages									
Other:										
COMMENTS:										
Single-story structure with wood-framed roof and										
slab-on-grade foundation system. Wood shearwa plywood for shear resistance. Plywood sheathing										
	To too alapinagiii									
Site Conditions Observed:	a or deterioration									
No observed signs of significant structural damag	e or deterioration.									
Additional sketches or comments on congrete page										
AND FINAL LEVEL 1 SCORE S										
s, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>	DAMA DAMO LUDAM AND									
S3	2 RM1 RM2 URM MH (FD) (RD)									
SW)   INF)   INF)   INF)   1.6   1.4   1.2   1.0   1.2   0.9   1.1   1.0	1 11 11 00 11									
1.6   1.4   1.2   1.0   1.2   0.9   1.1   1.0   0.8   -0.7   -0.7   -0.7   -0.8   -0.6   -0.7   -0.7										
0.5   -0.4   -0.3   -0.4   -0.4   -0.3   -0.4   -0.4										

#### **BASIC SCORE, MODIFIERS** FEMA BUILDING TYPE Do Not W1 W1A W2 S1 S2 (MRF) (BR) Know Basic Score 2.1 1.8 1.5 1.4 1.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.2 -0.2 Pre-Code -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 1.5 1.6 1.6 NA 0.5 1.1 1.1 NA 1.4 1.7 NA 1.7 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.5 0.7 0.7 0.7 0.5 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.3 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 4.0

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions					
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No  Nonstructural hazards? ☐ Yes X No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK					
Where information cannot be verified, sci	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know					

T&S/ Seisi

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						Mark.	Add	lress: 7	'21 Cliff	Dr.								
	1					Total P		5	Santa Ba	arbara	, CA			Z	i <b>p</b> : 93	109		
	Per		A PARTY	010	y . y		Oth	_			ampus \	West (	)115 (fr				ort)	
					1		Buil	ding Na	me: Pa	arking	Structure	е						
	NA	76.77			A		Use	: Park	ing Gar	age								
		-	1				Lati	_	4.40465	5			Longitu	_	19.701	99		
-1	TE	W	De Tal		-	1	Ss:						<b>S</b> 1: <u>0.</u>					
1	2		1				Scr	eener(s)	: <u>Sage</u>	Shing	ıle/Dylar	1 Thom	pson D	ate/Time	e: <u>09.</u>	16.202	2/8:30aı	m
		100							: Abov				w Grade	e: <u>n/a</u>	_		1990	☐ EST
				J		9					166,000				Code	Year:	1988	
				P==				litions:	X N		Yes, Y		<del>-</del>					
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				-		345	Soil	Type:	ПА	B	·	с г				NKO		
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	01	15.2	1				Irre	gularitie	es:		/ertical (ty Plan (type)		, _	o Not Al		th Colu	mns	
		TOTOLE		1			Exte	erior Fa	lling		Jnbraced (	Chimney	/S	☐ Hea	vy Clad	ding or H	leavy Ver	neer
	Jan C.	al all all all all all all all all all	<u> </u>	115	.3	1	Haz	ards:	•	_	Parapets			□ Арр	endage	3	•	
0115.1	1			6		1					Other:							
	(A)			3			CO	MMENT		ri i oti i ro	ith	t		ta frama	d floor	and ra	of our	ortod
(c) (d)				多素		- W	or				e with pro undation							
	76 X			3		20					em. Reii							
A POPE	1.0%		11		1	100	Si	ite Con	ditions (	Observ	ved:							
A Soul	3	12	Same of the			20	N	o obse	rved sig	ns of s	significar	nt struc	tural d	amage (	or dete	rioratio	n.	
	The same of the sa	50 41					*1	nadedi	iate nre	cast c	oncrete l	heam t	ies to v	valls/ext	erior h	eams		
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	CVI	ETCH					$\Box$	A JULY	-1 -1 -1-1-				. (					
	SNE		A CI C	000	DE MOI	DIEIE	☐ Additional sketches or comments on separate page  FIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>											
FEMA DUU DING TYPE	D- N-4									1	1 300			DOO	DM4	DMO	ПРМ	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	(SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	SW)	1.2	1.0	1.2	INF) 0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, $V_{L1}$		-0.9	-0.9	-0.9		-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5		-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6		-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code Post-Benchmark		-0.3 1.9	-0.3 1.9	-0.3 2.0	-0.3 1.0	-0.2 1.1	-0.3 1.1	-0.2 1.5	-0.1 NA	-0.1 1.4	-0.2 1.7	0.0 NA	-0.2 1.5	-0.1 1.7	-0.2 1.6	-0.2 1.6	0.0 NA	0.0
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.3
Soil Type E (1-3 stories)		0.0	-0.2	-0.4		-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4		-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
FINAL LEVEL 1 SCORE, S <sub>L</sub>	ı ≥ S <sub>MIN</sub> :										0.3							
EXTENT OF REVIEW					OTHER	RHAZ	ARDS	•		ACT	TION R	EQUII	RED					
Exterior:								A		iled Struc								
											es, unkno				r other b	uilding		
Soil Type Source: DNK	_ ·							nless S <sub>L2</sub>	>		es, score es, other				ee Fir	nal Rei	oort for	
Geologic Hazards Source: DNK cut-off, if know						aller adia	cent			i iazal US	hieseill				nclusio			
Contact Person: Robert Morales building					ng		,			iled Nons	tructura	l Evalua	tion Rec	ommen	ded? (cl	neck one)		
LEVEL 2 SCREENING	PFRFC	RMF	D?	$\neg$				oil Type terioration			es, nonst							
		_		, [		ructural		, con ion all	) I IU		lo, nonstri	uctural h	azards e	exist that r				t a
<ul> <li>X Yes, Final Level 2 Score, S<sub>L2</sub> No</li> <li>Nonstructural hazards? ☐ Yes</li> <li>X No</li> </ul>					detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK													
Where info		annot h			ooner shall	noto #	o follo	ina: E	ST = Esti	_	,							
vvriere into	mauon C	aiiii0t D	e veriile	u, scr	eener Snall	note tr	IS IOIIOM	nny: 🖎	o i − ESU	mated	or unrena	nie data	UK	DINK - D	U NOT I	IUW		

FEMA P-154 Data Collection Form

## Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Parking Structure - 0115	Final Level 1 Score:	$S_{L1} = 0.7$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = 0.0$	Plan Irregularity, $P_{L1} = -0.5$
Date/Time: 09.16.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.2$	

Topic		RS TO ADD TO ADJUSTED BASELINE SCORE  If statement is true, circle the "Yes" modifier; otherwise cross out the modifier.)	Yes	Subtotals					
Vertical	Sloping	W1 building: There is at least a full story grade change from one side of the building to the other.	-0.9						
Irregularity, V <sub>L2</sub>	Site	Non-W1 building: There is at least a full story grade change from one side of the building to the other.	-0.2						
-3,,	Weak	W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.	-0.5						
	and/or	0.0							
	Soft Story	W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame, and there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).							
	(circle one	e one W1A building open front: There are openings at the ground story (such as for parking) over at least 50% of the							
	maximum)								
	,	Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any	-0.9						
		story is more than 2.0 times the height of the story above.	-0.7						
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height							
		of any story is between 1.3 and 2.0 times the height of the story above.	-0.4						
	Setback	Vertical elements of the lateral system at an upper story are outboard of those at the story below causing the							
		diaphragm to cantilever at the offset.	-0.7						
		Vertical elements of the lateral system at upper stories are inboard of those at lower stories.	-0.4						
		There is an in-plane offset of the lateral elements that is greater than the length of the elements.	-0.2						
	Short	C1,C2,C3,PC1,PC2,RM1,RM2: At least 20% of columns (or piers) along a column line in the lateral system have							
	Column/	height/depth ratios less than 50% of the nominal height/depth ratio at that level.	-0.4						
	Pier	C1,C2,C3,PC1,PC2,RM1,RM2: The column depth (or pier width) is less than one half of the depth of the spandrel,							
		or there are infill walls or adjacent floors that shorten the column.	-0.4						
	Split Level	There is a split level at one of the floor levels or at the roof.	-0.4						
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.4$					
	Irregularity	There is another observable moderate vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)					
Plan	Torsional irre	gularity: Lateral system does not appear relatively well distributed in plan in either or both directions. (Do not							
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.)	-0.5						
		system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.	-0.2						
	Reentrant co	rner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.	-0.2						
	Diaphragm o	pening: There is an opening in the diaphragm with a width over 50% of the total diaphragm width at that level.	-0.2						
	C1, C2 buildi	ng out-of-plane offset: The exterior beams do not align with the columns in plan.	-0.2	$P_{L2} = -0.2$					
	Other irregula	arity: There is another observable plan irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)					
Redundancy	The building	has at least two bays of lateral elements on each side of the building in each direction.	+0.2						
Pounding	Building is se	parated from an adjacent structure The floors do not align vertically within 2 feet. (Cap total	-0.7						
	by less than	1.5% of the height of the shorter of  One building is 2 or more stories taller than the other.  pounding	-0.7						
	the building a	and adjacent structure and:  The building is at the end of the block.  modifiers at -0.9)	-0.4						
S2 Building	"K" bracing g	eometry is visible.	-0.7						
C1 Building	Flat plate ser	ves as the beam in the moment frame.	-0.3						
PC1/RM1 Bldg	There are roo	of-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with							
•	post-benchm	ark or retrofit modifier.)	+0.2						
PC1/RM1 Bldg	The building	has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).	+0.2						
URM	Gable walls a		-0.3						
MH	There is a su	pplemental seismic bracing system provided between the carriage and the ground.	+0.5						
Retrofit	Comprehens	ive seismic retrofit is visible or known from drawings.	+1.2	M = 0.0					
FINAL LEVEL	2 SCORE.	$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$ : (0.6)	(Transfer	to Level 1 form					
		deterioration or another condition that negatively affects the building's seismic performance: Yes X No							

Location	Statement (Check "Yes" or "No")  Yes No Comment								
Exterior	There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney.		Х						
	There is heavy cladding or heavy veneer.		Х						
	There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported.		Х						
	There is an unreinforced masonry appendage over exit doors or pedestrian walkways.		Х						
	There is a sign posted on the building that indicates hazardous materials are present.								
	There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney.								
	Other observed exterior nonstructural falling hazard:		Х						
Interior	There are hollow clay tile or brick partitions at any stair or exit corridor.		Х						
	Other observed interior nonstructural falling hazard:		Х						
<b>Estimated No</b>	Instructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions)								
	□ Potential nonstructural hazards with significant threat to occupant life safety →Detailed Nonstructural								
	■ Nonstructural hazards identified with significant threat to occupant life safety → But no Detailed Nor	nstructura	al Evaluation r	equired					
				•					

**Comments:** Inadequate ties from interior precast concrete beams to concrete walls/exterior precast concrete beams is justification for moderate vertical irregularity.



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Address: 721 Cliff Dr.								
Santa Barbara, CA	<b>Zip:</b> 93109							
Other Identifiers: Main Campus East 0001.0 (from 2018 Fusion Report)								
Building Name: Administration								
Use: Offices/Classrooms								
Latitude: 34.40607	Longitude: -119.69909							
<b>S</b> s: 2.227	<b>S</b> <sub>1</sub> : 0.801							
Screener(s): Sage Shingle/Dylan Tho	mpson Date/Time: <u>11.04.2022/8:30am</u>							
No. Stories: Above Grade: 2 Be	low Grade: n/a Year Built: 1939 ☐ EST							
Total Floor Area (sq. ft.): 44,180	Code Year: 1937							
Additions: X None Yes, Year(s)	Built:							
Occupancy: Assembly Commercial Industrial Office Utility Warehouse	Emer. Services							
Soil Type: A B C Hard Avg Dense Rock Rock Soil	D E F ONK Stiff Soft Poor If DNK, assume Type D. Soil Soil Soil							
Geologic Hazards: Liquefaction: Yes/No	NK)Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK							
Adjacency: Dounding D	Falling Hazards from Taller Adjacent Building							
Irregularities: X Vertical (type/sev	verity) Split-Level (moderate) / In-Plane (moderate							
🗵 Plan (type) 🖪	Re-entrant Corner							
Exterior Falling Unbraced Chimn	, = , , ,							
Hazards: Parapets	☐ Appendages							
Other:								
COMMENTS:								

Two-story structure with reinforced concrete slab over reinforced concrete joists for roof and floor and cast-in-place concrete walls/columns supported on a slab-on-grade foundation system. Reinforced concrete shearwall seismic system. Reinforced concrete deck over steel/concrete joists for roof and floor diaphragm. Along the west wall line of the corridor over arcade that runs north south, a concrete shear wall does not stack over a wall below and an in-plane offset is present. The roof of the auto shop located at the south west wing of the structure does not line up with the roof or second floor level, and as such a split level irregularity occurs. Re-entrant corners exist on the north-east and north-west corners of the structure.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

☐ Additional sketches or comments on separate page

		В	ASIC	SCOR	E, MO	DIFIE	RS, Al	ND FIN	IAL LE	EVEL	1 SCO	$RE, S_{i}$	_1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	(1.2)	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

Partial

Robert Morales

Yes

☐ None

DNK

**LEVEL 2 SCREENING PERFORMED?** X Yes, Final Level 2 Score,  $S_{L2}$  **0.4** 

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

Soil Type Source:

Nonstructural hazards?

**Contact Person:** 

Exterior:

Interior:

	OTHER HAZARDS	ACTION REQUIRED
	·	
☐ No	☐ Pounding potential (unless S <sub>L2</sub> >	
		Discussion 0 Canalysismal
rales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
RFORMED?  0.4 No  No	Significant damage/deterioration to the structural system	▼Yes, nonstructural hazards identified that should be evaluated     No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified

0.3

MRF = Moment-resisting frame Legend: BR = Braced frame

RC = Reinforced concrete SW = Shear wall

URM INF = Unreinforced masonry infill TU = Tilt up

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

# Level 2 (Optional)

FEMA P-154 Data Collection Form

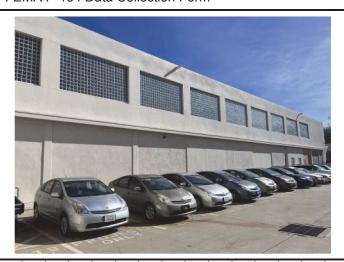
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Administration - 0001.0	Final Level 1 Score:	$S_{L1} = 0.1$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = -0.5$
Date/Time: 11.04.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.0$	

Topic		RS TO ADD TO ADJUSTED BA  If statement is true, circle the "Yes" mod		Yes	Subtotals				
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9					
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2					
	Weak		d cripple wall is visible in the crawl space.	-0.5					
	and/or		an occupied story, there is a garage opening without a steel moment frame,						
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9					
	(circle one		openings at the ground story (such as for parking) over at least 50% of the						
	maximum)	length of the building.		-0.9					
		Non-W1 building: Length of lateral sy	stem at any story is less than 50% of that at story above or height of any						
		story is more than 2.0 times the heigh		-0.7					
			stem at any story is between 50% and 75% of that at story above or height						
		of any story is between 1.3 and 2.0 til		-0.4					
	Setback	Vertical elements of the lateral syster	m at an upper story are outboard of those at the story below causing the						
		diaphragm to cantilever at the offset.		-0.7					
			n at upper stories are inboard of those at lower stories.	-0.4					
			ral elements that is greater than the length of the elements.	-0.2					
	Short		ast 20% of columns (or piers) along a column line in the lateral system have						
	Column/		he nominal height/depth ratio at that level.	-0.4					
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,						
		or there are infill walls or adjacent floo		-0.4					
	Split Level	There is a split level at one of the floo		-0.4					
	Other		rertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.6$				
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)				
Plan			ar relatively well distributed in plan in either or both directions. (Do not	-0.5					
Irregularity, PL2		nclude the W1A open front irregularity listed above.)							
	Non-parallel	n-parallel system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.  entrant corner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.							
		-0.2							
	Diaphragm o	-0.2 -0.2							
		C1, C2 building out-of-plane offset: The exterior beams do not align with the columns in plan.							
	Other irregul	-0.5	(Cap at -0.7)						
Redundancy			ts on each side of the building in each direction.	+0.2					
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7					
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7					
		and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4					
S2 Building		eometry is visible.		-0.7					
C1 Building		rves as the beam in the moment frame.		-0.3					
PC1/RM1 Bldg	There are ro	of-to-wall ties that are visible or known	from drawings that do not rely on cross-grain bending. (Do not combine with						
		benchmark or retrofit modifier.)							
PC1/RM1 Bldg		illding has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).							
URM	Gable walls		-0.3						
MH			ovided between the carriage and the ground.	+0.5					
Retrofit	Comprehens	sive seismic retrofit is visible or known fr	rom drawings.	+1.2	M = +0.2				
FINAL LEVE	2 SCORE,	$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$	i: (0.4)	Transfer	to Level 1 form				
			negatively affects the building's seismic performance:  Yes X No	•					

<b>OBSERVABL</b>	E NONSTRUCTURAL HAZARDS			
Location	Statement (Check "Yes" or "No")	Yes	No	Comment
Exterior	There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney.		Х	
	There is heavy cladding or heavy veneer.		Х	
	There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported.		Х	
	There is an unreinforced masonry appendage over exit doors or pedestrian walkways.		Х	
	There is a sign posted on the building that indicates hazardous materials are present.		Х	
	There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney.		Х	
	Other observed exterior nonstructural falling hazard:		Х	
Interior	There are hollow clay tile or brick partitions at any stair or exit corridor.		Х	
	Other observed interior nonstructural falling hazard:		Х	
Estimated Nonst	tructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions)			
	☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural			
	☐ Nonstructural hazards identified with significant threat to occupant life safety → But no Detailed Nor			ion required
	∑ Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation	n require	d	

Comments:		



Address: 72	1 Cliff I	Or.						
Sa	anta Ba	rbara, C	A			Zip:	93109	
Other Identif	iers: M	ain Cam	pus East	0001	.1 (from	2018 I	Fusion Rep	oort)
Building Nan	ne: Adı	ministrat	ion - Nor	th East	Wing			
Use: Office	s/Class	rooms						
Latitude: 34	.40607			Lon	gitude:	-119.6	69909	
<b>S</b> s: 2.227				S <sub>1</sub> :	0.801			
Screener(s):	Sage	Shingle/	Dylan Th	ompso	n Date/T	ime:	11.04.2022	2/8:30am
		Grade:		elow Gr	rade: <u>n/a</u>	a_ '	Year Built:	1939 □ EST
Total Floor A						0	ode Year:	1937
Additions:	X No	ne 🔲	Yes, Year(	s) Built:				
Occupancy:	Assei	.,	commercial		er. Service	es 🗆	Historic	Shelter
	Indus	_	Office	Sch	_	,,,,,,,	Governmer	nt
	Utility	V	Varehouse	Res	sidential,	# Units:		
Soil Type:	□A	□B	□C	□D	□E	□F	(DNK)	umo Tumo D
	Hard Rock	Avg Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	II DINN, ass	ume Type D.
Geologic Ha	zards: L	iquefactio	n: Yes/No	DNK)La	ndslide: `	Yes/No/I	NK Surf. Ru	upt.: YesNoONK
Adjacency:		☐ Pour	nding [	Fallir	ng Hazard	ds from T	aller Adjacen	t Building
Irregularities	;:	X Verti	ical (type/se	everity)	In-Pla	ne Off	set (moder	ate)
		☐ Plan	(type)					
Exterior Falli	ng	☐ Unb	raced Chim	neys		Heavy C	Cladding or H	eavy Veneer
Hazards:		☐ Para	pets			Appenda	ages	
		☐ Othe	er:					
COMMENTS								
,							d concrete j	oists for roof

foundation system. Reinforced concrete shearwall seismic system. Reinforced concrete deck for roof and floor diaphragm. Along the south face of the structure, bottom floor, a series of large openings (some of which have been infilled) exist with a concrete shear wall above that does not stack over a structural wall below causing an in-plane offset. Also along this line, a serious lack of seismic walls at the bottom floor cause a potential for a torsional irregularity.

T&S/DRT: Seismic Sep.

SKETCH

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>												L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>\$2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	(SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

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EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?					
Drawings Reviewed: X Yes No		Yes, unknown FEMA building type or other building					
Soil Type Source: DNK	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	Yes, score less than cut-off Yes, other hazards present See Final Report for					
Geologic Hazards Source: DNK	☐ Falling hazards from taller adjacent	Discussion & Conclusions					
Contact Person: Robert Morales	building	Detailed Nonstructural Evaluation Recommended? (check one)					
LEVEL 2 SCREENING PERFORMED? $\boxtimes$ Yes, Final Level 2 Score, $S_{L2}$ 0.8 $\square$ No         Nonstructural hazards?       Yes $\boxtimes$ No	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified DNK					
Where information cannot be verified, so	reener shall note the following: EST = Esting	mated or unreliable data OR DNK = Do Not Know					

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

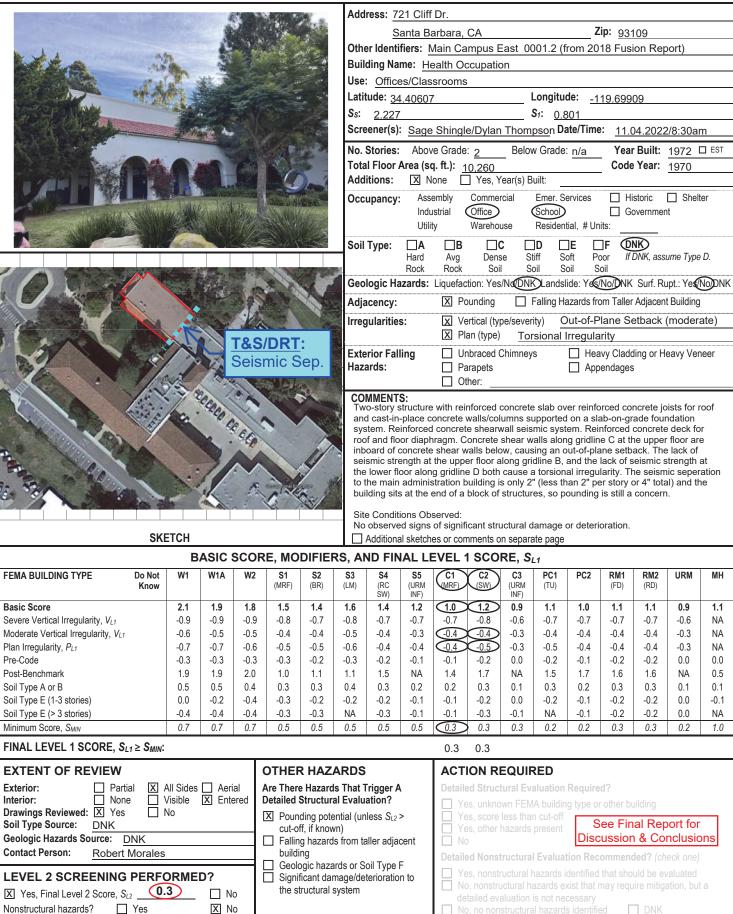
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Administration - 0001.1	Final Level 1 Score:	$S_{L1} = 0.6$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 11.04.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.0$	

STRUCTURA Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals			
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9				
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2				
	Weak		d cripple wall is visible in the crawl space.	-0.5				
	and/or		an occupied story, there is a garage opening without a steel moment frame,					
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9				
	(circle one maximum)	W1A building open front: There are o	openings at the ground story (such as for parking) over at least 50% of the	-0.9				
	maximum	length of the building.	ystem at any story is less than 50% of that at story above or height of any	-0.9				
		story is more than 2.0 times the heigh	nt of the story above.	-0.7				
			ystem at any story is between 50% and 75% of that at story above or height					
		of any story is between 1.3 and 2.0 til		-0.4				
	Setback	Vertical elements of the lateral syster	m at an upper story are outboard of those at the story below causing the					
		diaphragm to cantilever at the offset.		-0.7				
			n at upper stories are inboard of those at lower stories.	-0.4				
			ral elements that is greater than the length of the elements.	-0.2				
	Short		ast 20% of columns (or piers) along a column line in the lateral system have					
	Column/		the nominal height/depth ratio at that level.	-0.4				
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,					
	0.111.1	or there are infill walls or adjacent floo		-0.4				
	Split Level	There is a split level at one of the floor		-0.4				
	Other		vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.2$			
<b>D</b>	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)			
Plan			ar relatively well distributed in plan in either or both directions. (Do not	-0.5				
Irregularity, P <sub>L2</sub>		include the W1A open front irregularity listed above.)  Non-parallel system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.						
	Non-parallel	-0.2						
	Reentrant co	<u>-0.2</u>						
	Diaphragm o	-0.2						
	C1, C2 build	-0.2	$P_{L2} = -0.2$					
D. I. I.	Other irregul	-0.5	(Cap at -0.7)					
Redundancy			ts on each side of the building in each direction.	<u>+0.2</u>				
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7				
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other.	-0.7				
00 D 'II'		and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4				
S2 Building		geometry is visible.		-0.7				
C1 Building		rves as the beam in the moment frame.		-0.3				
PC1/RM1 Bldg		ere are roof-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with st-benchmark or retrofit modifier.)						
PC1/RM1 Bldg	The building	has closely spaced, full height interior v	walls (rather than an interior space with few walls such as in a warehouse).	+0.2				
URM	Gable walls			-0.3				
MH	There is a su	ipplemental seismic bracing system pro	ovided between the carriage and the ground.	+0.5				
Retrofit		sive seismic retrofit is visible or known fr		+1.2	M = +0.2			
	2 SCORE,	$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$	i $0.8$	(Transfer	to Level 1 form			
Thoro is observe	olo domago or	deterioration or another condition that r	negatively affects the building's seismic performance:   Yes  No					

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Comment Location Statement (Check "Yes" or "No") There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х There are hollow clay tile or brick partitions at any stair or exit corridor. Interior Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		



Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Administration - 0001.2	Final Level 1 Score:	$S_{L1} = 0.2$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = -0.4$
Date/Time: 11.04.2022   8:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.0$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals			
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9				
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2				
	Weak		d cripple wall is visible in the crawl space.	-0.5				
	and/or		an occupied story, there is a garage opening without a steel moment frame,					
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9				
	(circle one maximum)		openings at the ground story (such as for parking) over at least 50% of the	-0.9				
		Non-W1 building: Length of lateral sy	ystem at any story is less than 50% of that at story above or height of any					
		story is more than 2.0 times the heigh	stem at any story is between 50% and 75% of that at story above or height	-0.7				
		of any story is between 1.3 and 2.0 til	mes the height of the story above.	-0.4				
	Setback		m at an upper story are outboard of those at the story below causing the					
		diaphragm to cantilever at the offset.		-0.7				
			n at upper stories are inboard of those at lower stories.	-0.4				
			ral elements that is greater than the length of the elements.	-0.2				
	Short		ast 20% of columns (or piers) along a column line in the lateral system have					
	Column/		he nominal height/depth ratio at that level.	-0.4				
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,	-0.4				
		or there are infill walls or adjacent floors that shorten the column.						
	Split Level	There is a split level at one of the floo	-0.4					
	Other		rertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.4$			
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)			
Plan Irregularity, <i>P</i> <sub>L2</sub>		egularity: Lateral system does not appea V1A open front irregularity listed above.	ar relatively well distributed in plan in either or both directions. (Do not	(-0.5)				
inogularity, 7 Lz			rertical elements of the lateral system that are not orthogonal to each other.	-0.2				
	Reentrant co	orner: Both projections from an interior	corner exceed 25% of the overall plan dimension in that direction.	-0.2				
			phragm with a width over 50% of the total diaphragm width at that level.	-0.2				
			ams do not align with the columns in plan.	-0.2	$P_{L2} = -0.5$			
			irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)			
Redundancy			ts on each side of the building in each direction.	€0.2	(cup at 0.7)			
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7				
r ouriding		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other.	-0.7				
		and adjacent structure and:	The building is at the end of the block.  modifiers at -0.9)	(-0.4)				
S2 Building		geometry is visible.	The building to at the one of the blook.	-0.7				
C1 Building		rves as the beam in the moment frame.		-0.3				
PC1/RM1 Bldg			from drawings that do not rely on cross-grain bending. (Do not combine with	0.0				
		nark or retrofit modifier.)		+0.2				
PC1/RM1 Bldg	The building	has closely spaced, full height interior v	walls (rather than an interior space with few walls such as in a warehouse).	+0.2				
URM	Gable walls		, , , , , , , , , , , , , , , , , , , ,	-0.3				
MH			vided between the carriage and the ground.	+0.5				
Retrofit		sive seismic retrofit is visible or known fr		+1.2	M = -0.2			
FINAL LEVE		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$		(Transfer	to Level 1 form)			
			negatively affects the building's seismic performance:  Yes  No		·			

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes Location Statement (Check "Yes" or "No") No Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation required

Comments:		



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**SKETCH** 

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	VEIXT THOTT Seisinic	,ity				
Address: 721 Cliff D	Dr.					
Santa Bar	rbara, CA Zip: 93109					
	lain Campus East 0003 (from 2018 Fusion Report)					
Building Name: Can	mpus Bookstore					
Use: Bookstore/Off						
Latitude: 34.40540	Longitude: -119.69709					
<b>S</b> s: <u>2.228</u>	<b>S</b> <sub>1</sub> : <u>0.802</u>					
Screener(s): Sage S	Shingle/Dylan Thompson Date/Time: 11.04.2022/9:30ar	n				
No. Stories: Above Total Floor Area (sq. Additions: X Nor	. ft.): <u>17.733</u>	□ EST				
Occupancy: Assen Indust Utility	strial Office School Government	er				
Soil Type:   Hard  Rock	Avg Dense Stiff Soft Poor If DNK, assume Type Rock Soil Soil Soil Soil					
Geologic Hazards: Li	Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(	MOONK				
Adjacency:	☐ Pounding ☐ Falling Hazards from Taller Adjacent Building					
Irregularities:	X Vertical (type/severity) Out-of-Plane Offset					
	X Plan (type) Re-Entrant Corner / Non-Parallel Syste	ms				
Exterior Falling Hazards:	☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Ven ☐ Parapets ☐ Appendages ☐ Other:	eer				
COMMENTS:						
Two-story structure with steel-framed roof and floor and light gage steel or reinforced masonry walls supported on a slab-on-grade foundation system. Tube steel braced frame over reinforced masonry shearwall seismic system. Concrete filled metal deck for roof and floor diaphragm. Along gridline 'W 480'-0''', a brace frame at the upper floor does not stack over a masonry shear wall below causing an out-of-plane setback. Re-entrant corners exists at the entrance and south face of the building. Brace frames at the upper floor are non-orthogonal to each other (some facing N-S while others are N 45° E) causing a non-parallel systems irregularity.  Site Conditions Observed:						
I	of significant structural damage or deterioration.					
Additional sketches	s or comments on separate page					
S, AND FINAL LE	VEL 1 SCORE, S <sub>L1</sub>					

**BASIC SCORE, MODIFIER** W1 W1A Do Not W2 **S1** S2 S3 S4 **S5** C1 C2 C3 PC1 PC2 RM1 RM2 URM MH (LM) (RC (SW) (URM (MRF) (URM (MRF) Know (BR) (TU) (FD) (RD) 2.1 1.9 1.8 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.5 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.5 -0.7 -0.7 -0.6 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 1.5 NA 1.4 1.7 NA 17 1.1 1.1 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.5

0.3

0.3

0.3

0.2

0.2

0.3

0.3

0.2

1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>

0.5
0.5

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered Drawings Reviewed: Yes No	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Soil Type Source: DNK  Geologic Hazards Source: DNK  Contact Person: Robert Morales	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent building	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions				
LEVEL 2 SCREENING PERFORMED?  Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? Yes X No	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK					
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						

0.5

0.5

0.7

0.5

0.7

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	$\Pi_{J}$										le: 2					r Built:		☐ EST
											30,384				Cod	e Year:	1964	
			· more				Add	itions:	ΧN	lone	Yes, Y	ear(s) B	uilt: _					
							Осс	upancy	-	embly	Commer		Emer. S				☐ She	elter
										ustrial	Office		School			Sovernme	nt	
							l		Utili	<u></u>	Warehou		Residen					
							Soil	Type:	<b>□A</b> Hard	∐ <b>E</b> Avg						DNK, ass	suma Tvn	ıρD
			No.						Rock	Rock					Soil	DIVIN, ass	sume ryp	υ.
							Geo	logic Ha	azards:	Liquefa	action: Yes	/NoON	Lands	lide: Yes	(No)DNI	Surf. R	upt.: Yes	(No)DN
		1					Adja	acency:		☐ F	Pounding		Falling H	azards f	rom Talle	r Adjacer	nt Buildin	g
		10/17	X					gularitie		X \	/ertical (typ	ne/sever	itv)	Out-of-	-Plane S	Sethack	(mode	erate)
							- "''	julailitic	J.		Plan (type)		-		er / Tor		_	
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100								ards:	9		Parapets	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		pendage		loury vo	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Dura Sint									Other:							
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	6	18	18								concrete							
		18									ong gridlin plane setb							
		1		,	1		We	est corne	ers of the	e upper	structure							
		11.11			1													
	^_							te Condi			l: nificant str	uctural	damada	or dete	rioration			
	CIVI	ETCU	and the later with												noration			
	SNI	ETCH_									omments o							
				_						1	1 SCO						1	_
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	(SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
	1111011				, ,	, ,	` ′	ŚW)	ÌNF)	` '		ÎNF)	` '		` ′	` '		
Basic Score		<b>2.1</b> -0.9	<b>1.9</b> -0.9	<b>1.8</b> -0.9	<b>1.5</b> -0.8	<b>1.4</b> -0.7	<b>1.6</b> -0.8	<b>1.4</b> -0.7	<b>1.2</b> -0.7	<b>1.0</b> -0.7	<u>1.2</u> -0.8	<b>0.9</b> -0.6	<b>1.1</b> -0.7	<b>1.0</b> -0.7	<b>1.1</b> -0.7	<b>1.1</b> -0.7	<b>0.9</b> -0.6	1.1 NA
Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$		-0.9	-0.9	-0.9	-0.6	-0.7	-0.6	-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA NA
Plan Irregularity, $P_{L1}$		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5 0.0	0.5 -0.2	0.4 -0.4	0.3 -0.3	0.3 -0.2	0.4 -0.2	0.3 -0.2	0.2 -0.1	-0.1	0.3 -0.2	0.1 0.0	0.3 -0.2	0.2 -0.1	0.3	0.3 -0.2	0.1	0.1 -0.1
Soil Type E (1-3 stories) Soil Type E (> 3 stories)		-0.4	-0.2	-0.4		-0.2	NA	-0.2	-0.1	-0.1	-0.2	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
FINAL LEVEL 1 SCORE, SL	1 > SMINI.										0.3							
•	1 = OWIN.																	
EXTENT OF REVIEW					OTHE					ı	TION RI							
Exterior: Partial Part			☐ Aeri		Are Thei Detailed				A		iled Struct							
Drawings Reviewed: X Yes				516u	Pour				_		/es, unkno /es, score				or other b	uilding		
Soil Type Source: DNK						off, if know		11 <b>655</b> 312			res, score /es, other l				See Fi			
	NK				☐ Fallii	ng hazard		aller adja	cent		No			Dis	cussio	n & Co	nclusi	ons
Contact Person: Robert I	Morales				build		arde er C	oil Tunc	_	Deta	iled Nonst	ructura	l Evalua	tion Re	commen	ided? (cl	heck one	
LEVEL 2 SCREENING	PERF	ORME	D?			logic haz ificant da					es, nonstr							
X Yes, Final Level 2 Score, S <sub>L</sub>			D. □N	۰ ا		structural					No, nonstru						jation, bu	ut a
	Yes		X N								letailed eva No, no non:					DNK		

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

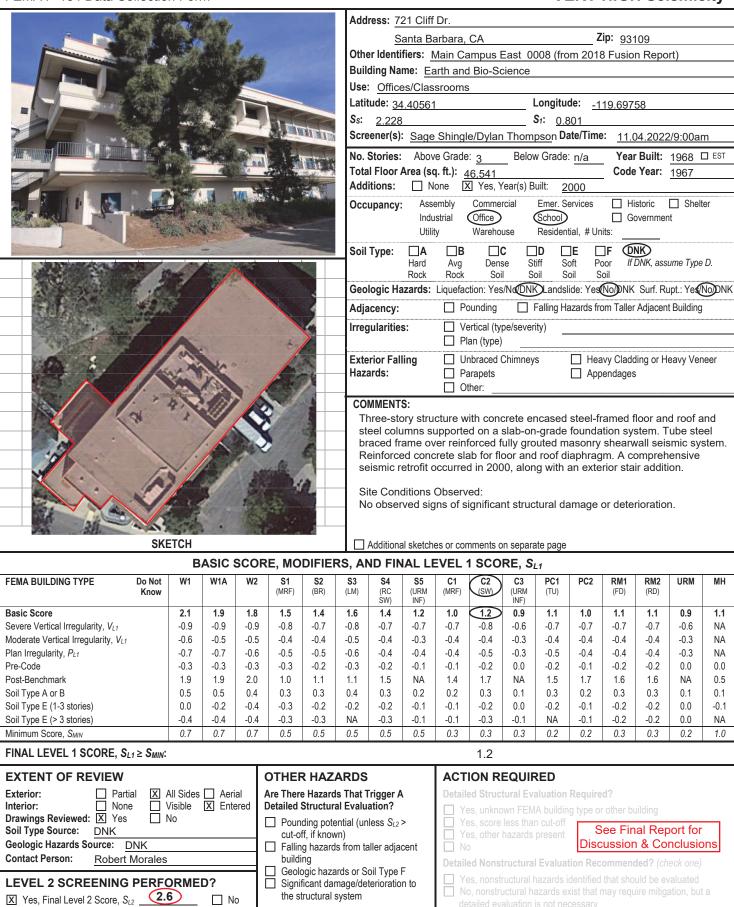
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Campus Center - 0004	Final Level 1 Score:	$S_{L1} = 0.3$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = -0.5$
Date/Time: 11.04.2022   9:00 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.2$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals			
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9				
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2				
	Weak		d cripple wall is visible in the crawl space.	-0.5				
	and/or		an occupied story, there is a garage opening without a steel moment frame,					
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9				
	(circle one maximum)		openings at the ground story (such as for parking) over at least 50% of the	-0.9				
	maximamij		stem at any story is less than 50% of that at story above or height of any	-0.9				
		story is more than 2.0 times the heigh	nt of the story above.	-0.7				
			stem at any story is between 50% and 75% of that at story above or height					
		of any story is between 1.3 and 2.0 til		-0.4				
	Setback	Vertical elements of the lateral system	n at an upper story are outboard of those at the story below causing the	0.7				
		diaphragm to cantilever at the offset.		-0.7				
			n at upper stories are inboard of those at lower stories.	-0.4				
	01 1		ral elements that is greater than the length of the elements.	-0.2				
	Short		ast 20% of columns (or piers) along a column line in the lateral system have	0.4				
	Column/		the nominal height/depth ratio at that level.	-0.4				
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,	-0.4				
	Split Level	or there are infill walls or adjacent floors that shorten the column.  lit Level There is a split level at one of the floor levels or at the roof.						
	Other	'	-0.4 -0.7	$V_{L2} = -0.4$				
	Irregularity		vertical irregularity that obviously affects the building's seismic performance.  e vertical irregularity that may affect the building's seismic performance.	-0.7	(Cap at -0.9)			
Plan			ar relatively well distributed in plan in either or both directions. (Do not	-0.4	(Cup ut -0.9)			
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.		<u>-0.5</u>				
inogularity, 7 Lz			rertical elements of the lateral system that are not orthogonal to each other.	-0.2				
	Reentrant co	orner: Both projections from an interior	corner exceed 25% of the overall plan dimension in that direction.	-0.2				
			phragm with a width over 50% of the total diaphragm width at that level.	-0.2				
			ams do not align with the columns in plan.	-0.2	$P_{L2} = -0.7$			
			irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)			
Redundancy			ts on each side of the building in each direction.	+0.2	(cap at o.r)			
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7				
r ouriding		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other.	-0.7				
		and adjacent structure and:	The building is at the end of the block.  modifiers at -0.9)	-0.4				
S2 Building		geometry is visible.	, me summing to determ of the street of the	-0.7				
C1 Building		rves as the beam in the moment frame.		-0.3				
PC1/RM1 Bldg			from drawings that do not rely on cross-grain bending. (Do not combine with					
· ·		nark or retrofit modifier.)	3 3 3 1	+0.2				
PC1/RM1 Bldg	The building	has closely spaced, full height interior v	walls (rather than an interior space with few walls such as in a warehouse).	+0.2				
URM	Gable walls			-0.3				
MH	There is a su	upplemental seismic bracing system pro	ovided between the carriage and the ground.	+0.5				
Retrofit	Comprehens	sive seismic retrofit is visible or known fr	rom drawings.	+1.2	M = 0.0			
FINAL LEVE	2 SCORE,	$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$	i $0.3$	Transfer	to Level 1 form			
			negatively affects the building's seismic performance: Yes X No					

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Location Statement (Check "Yes" or "No") Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		



☐ Yes

Nonstructural hazards?

X No

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

## Level 2 (Optional)

FEMA P-154 Data Collection Form

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Earth and Bio-Science	Final Level 1 Score:	$S_{L1} = 1.2$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = 0.0$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 11.04.2022   9:00 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.2$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals							
Vertical	Sloping	W1 building: There is at least a full st	ory grade change from one side of the building to the other.	-0.9								
Irregularity, V <sub>L2</sub>	Site	Site Non-W1 building: There is at least a full story grade change from one side of the building to the other.										
	Weak W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.											
	and/or											
	Soft Story		e same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9								
	(circle one maximum)		openings at the ground story (such as for parking) over at least 50% of the	-0.9								
	,		ystem at any story is less than 50% of that at story above or height of any	-0.7								
			ystem at any story is between 50% and 75% of that at story above or height	-0.1								
		of any story is between 1.3 and 2.0 til	mes the height of the story above.	-0.4								
	Setback		n at an upper story are outboard of those at the story below causing the									
		diaphragm to cantilever at the offset.		-0.7								
			n at upper stories are inboard of those at lower stories.	-0.4								
			ral elements that is greater than the length of the elements.	-0.2								
	Short Column/		ast 20% of columns (or piers) along a column line in the lateral system have the nominal height/depth ratio at that level.	-0.4								
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,									
		or there are infill walls or adjacent floo		-0.4								
	Split Level	There is a split level at one of the floor	-0.4									
	Other	There is another observable severe v	-0.7	$V_{L2} = 0.0$								
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)							
Plan			ar relatively well distributed in plan in either or both directions. (Do not		(//							
Irregularity, P <sub>L2</sub>	include the V	-0.5										
0 7,	Non-parallel	-0.2										
	Reentrant co	-0.2										
	Diaphragm o	-0.2										
	C1, C2 build	-0.2	$P_{L2} = 0.0$									
	Other irregul	-0.5	(Cap at -0.7)									
Redundancy			ts on each side of the building in each direction.	+0.2	( /							
Pounding		eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7								
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other.	-0.7								
	the building	-0.4										
S2 Building		geometry is visible.	The building is at the end of the block. modifiers at -0.9)	-0.7								
C1 Building		rves as the beam in the moment frame.		-0.3								
PC1/RM1 Bldg			from drawings that do not rely on cross-grain bending. (Do not combine with									
. o ., 2.ag		post-benchmark or retrofit modifier.)										
PC1/RM1 Bldg	The building	has closely spaced, full height interior v	walls (rather than an interior space with few walls such as in a warehouse).	+0.2								
URM	Gable walls		, , , , , , , , , , , , , , , , , , , ,	-0.3								
MH			ovided between the carriage and the ground.	+0.5								
Retrofit		sive seismic retrofit is visible or known fi		(+1,2)	M = 1.4							
FINAL LEVEL		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$			to Level 1 form							
			negatively affects the building's seismic performance: Yes X No									

OBSERVABL	E NONSTRUCTURAL HAZARDS			
Location	Statement (Check "Yes" or "No")	Yes	No	Comment
Exterior	There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney.		Х	
	There is heavy cladding or heavy veneer.		Х	
	There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported.		Х	
	There is an unreinforced masonry appendage over exit doors or pedestrian walkways.		Х	
	There is a sign posted on the building that indicates hazardous materials are present.		Х	
	There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney.		Х	
	Other observed exterior nonstructural falling hazard:		Х	
Interior	There are hollow clay tile or brick partitions at any stair or exit corridor.		Х	
	Other observed interior nonstructural falling hazard:		Х	
Estimated Nons	tructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions)			
	□ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural	ral Evalua	ation reco	ommended
	■ Nonstructural hazards identified with significant threat to occupant life safety → But no Detailed Non	nstructura	al Evaluat	tion required
	∑ Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation	n require	ed	

Comments:		



	T&S/DRT: Seismic Sep.
	E
	A
	4 6
SKETCH	Park Company

Do Not

Know

0.7

0.7

0.7

0.5

Addres	ess: 721 Cliff Dr.									
	Santa Barbara, CA Zip: 9	<b>Zip</b> : <u>93109</u>								
Other I	r Identifiers: Main Campus East 0011.0 (from 2018 Fu	usion Report)								
Buildin	ing Name: Field House									
Use: S	Storage Room									
Latitud	ıde: <u>34.40486</u> Longitude: <u>-119.69</u>	9511								
<b>S</b> s: 2	<u>2.228</u> <b>S</b> ₁: <u>0.802</u>									
Screen	ener(s): Sage Shingle/Dylan Thompson Date/Time: 11	1.04.2022/9:30am								
No. Sto	itories: Above Grade: 1 Below Grade: n/a Ye	ear Built: 1996 🗆 EST								
	4,020	de Year: 1994								
Additio	tions: None Yes, Year(s) Built:									
Occupa	puncy:	Historic								
Soil Ty		<b>DNK)</b> If DNK, assume Type D.								
Geolog	ogic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/No/DN	IK Surf. Rupt.: Yes No DNK								
Adjace	cency: Pounding Falling Hazards from Tall	ler Adjacent Building								
Irregula	ularities:									
Exterio Hazard		idding or Heavy Veneer ies								
Singles slab- shea north	IMENTS:  Igle-story structure with wood-framed roof and walls sub-on-grade foundation system. Wood shearwall seism eathing for roof diaphragm. Smaller re-entrant corners th-east and south-east corners of the structure (less the Conditions Observed:	ic system. Plywood exist on the								

No observed signs of significant structural damage or deterioration.

0.3

0.2

☐ Additional sketches or comments on separate page BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE,  $S_{L1}$ W1A W2 RM1 RM2 URM МН W1 **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (URM (MRF (SW) (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.6 NA 0.5 10 1.5 NA 1.7 NA 15 17 1.6 1.1 1.1 1.4 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.3

0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 4.0

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?
Drawings Reviewed:   ☐ Yes ☐ No  Soil Type Source: DNK  Geologic Hazards Source: DNK	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     Falling hazards from taller adjacent	<ul> <li>Yes, unknown FEMA building type or other building</li> <li>Yes, score less than cut-off</li> <li>Yes, other hazards present</li> <li>No</li> </ul> See Final Report for Discussion & Conclusions
Contact Person:         Robert Morales           LEVEL 2 SCREENING PERFORMED?         ✓           ☐ Yes, Final Level 2 Score, S <sub>L2</sub> ✓           No         Nonstructural hazards?         ✓    Yes	building Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK

0.5

0.5

0.5

0.5

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR

DNK = Do Not Know

0.2

0.3

0.3

0.2

1.0

Seismic Sep.



1	Address: 721 Cliff Dr.
ı	Santa Barbara, CA Zip: 93109
	Other Identifiers: Main Campus East 0011.1 (from 2018 Fusion Report)
1	Building Name: Field House - Restrooms
	Use: Restrooms
1	Latitude: <u>34.40486</u> Longitude: <u>-119.69511</u>
ı	Ss: <u>2.228</u> S1: <u>0.802</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 11.04.2022/9:30am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1996 ☐ EST
I	Total Floor Area (sq. ft.): 552 Code Year: 1994
	Additions: None Yes, Year(s) Built:
I	Occupancy: Assembly Commercial Emer. Services   Historic   Shelter
ı	Industrial Office (School) Government
۱	Utility Warehouse Residential, # Units:
4	Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
_	Rock Rock Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/No/DNK Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
ı	Irregularities:
1	☐ Plan (type)
1	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
1	Hazards: Appendages
1	Other:
-	COMMENTS: Single-story structure with wood-framed roof and masonry walls supported on
	a slab-on-grade foundation system. Reinforced masonry shearwall seismic
	system. Plywood sheathing for roof diaphragm. Smaller re-entrant corners
ı	exist on the north-west and south-west corners of the structure (less than 20ft).
1	2011).
1	Site Conditions Observed:
1	No observed signs of significant structural damage or deterioration.
4	

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1

☐ Additional sketches or comments on separate page

					•		•											
	Not Inow	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
								SVV)	,			INF)						
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	$\bigcirc 1.1 \bigcirc$	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	$\overline{(1.6)}$	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Soil Type Source: DNK Geologic Hazards Source: DNK

**Contact Person:** 

OTHER HAZARDS	ACTION REQUIRED							
Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?							
Detailed Structural Evaluation?	Yes, unknown FEMA building type or other building							
☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions							
building	Detailed Nonstructural Evaluation Recommended? (check one)							
☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system								

### **LEVEL 2 SCREENING PERFORMED?**

Partial

☐ None

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

Robert Morales

RC = Reinforced concrete SW = Shear wall

URM INF = Unreinforced masonry infill

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

Exterior:

Interior:

☐ No

X All Sides ☐ Aerial ☐ Visible X Entered

(2.7)

T&S/DRT: Seismic Sep.



**SKETCH** 

	<b>VERY HIGH Seismicity</b>							
Address: 721 Cliff Dr.								
Santa Barbara, CA	<b>Zip:</b> 93109							
Other Identifiers: Main Campus East	0012.0 (from 2018 Fusion Report)							
Building Name: Humanities								
Use: Offices/Classrooms/Art Studios								
Latitude: 34.40677	Longitude: -119.69646							
<b>S</b> s: <u>2.224</u>	<b>S</b> <sub>1</sub> : 0.801							
Screener(s): Sage Shingle/Dylan Thou	mpson <b>Date/Time:</b> <u>10.21.2022/9:00am</u>							
No. Stories: Above Grade: 4 Bel								
Total Floor Area (sq. ft.): 41,694	Code Year: 1973							
Additions: X None Yes, Year(s)								
Occupancy: Assembly Commercial Industrial Office	Emer. Services							
Utility Warehouse	Residential, # Units:							
Hard Avg Dense Rock Rock Soil	Stiff Soft Poor <i>If DNK</i> , assume Type D. Soil Soil Soil							
Geologic Hazards: Liquefaction: Yes/No	NK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK							
Adjacency: Pounding	Falling Hazards from Taller Adjacent Building							
_ ``	erity)Out-of-Plane Setback (moderate) / In-Plane Setback (moderate)							
☐ Plan (type)								
Exterior Falling Unbraced Chimne	, _ , , ,							
Hazards: Parapets	☐ Appendages							
Other:								
COMMENTS:  Three-story structure with steel-framed re	oof and light gage steel walls supported on a							
slab-on-grade foundation system. Reinfo	rced concrete shearwall seismic system.							
Reinforced concrete deck for roof and flo gridlines 5 & 7 and 8 & 9, a concrete she	or diaphragm. Along gridline C between ar wall at the upper level does not stack with a							
wall below causing an in-plane offset irre	gularity. Along gridline 15, a concrete shearwall							
at the upper level is inboard of the concre out-of-plane setback.	ete shearwalls at the lower level causing an							
Site Conditions Observed:								
No observed signs of significant structura	ıl damage or deterioration.							
1								

Additional sketches or comments on separate page BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, St. 1

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1																		
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	(RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED			
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building			
Drawings Reviewed:       ☑ Yes       □ No         Soil Type Source:       □ DNK         Geologic Hazards Source:       □ DNK         Contact Person:       Robert Morales	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent building	Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)			
LEVEL 2 SCREENING PERFORMED?            ∑ Yes, Final Level 2 Score, S <sub>L2</sub>	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	<ul> <li>☐ Yes, nonstructural hazards identified that should be evaluated</li> <li>☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>☐ No, no nonstructural hazards identified</li> <li>☐ DNK</li> </ul>			

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Humanities - 0012	Final Level 1 Score:	$S_{L1} = 1.0$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 10.21.2022   9:00 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.4$	

Topic	Statement (	If statement is true, circle the "Yes" mod	ifier; otherwise cross out the modifier.)	Yes	Subtotals					
Vertical	Sloping	W1 building: There is at least a full sto	-0.9							
Irregularity, V <sub>L2</sub>	Site Non-W1 building: There is at least a full story grade change from one side of the building to the other.									
	Weak W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.									
	and/or									
	Soft Story									
	(circle one maximum)	W1A building open front: There are o length of the building.	penings at the ground story (such as for parking) over at least 50% of the	-0.9						
		Non-W1 building: Length of lateral systory is more than 2.0 times the heigh	stem at any story is less than 50% of that at story above or height of any t of the story above.	-0.7						
			stem at any story is between 50% and 75% of that at story above or height	-0.4						
	Setback		at an upper story are outboard of those at the story below causing the							
		diaphragm to cantilever at the offset.		-0.7						
		Vertical elements of the lateral system	at upper stories are inboard of those at lower stories.	-0.4						
		There is an in-plane offset of the latera	al elements that is greater than the length of the elements.	-0.2						
	Short Column/		st 20% of columns (or piers) along a column line in the lateral system have nominal height/depth ratio at that level.	-0.4						
	Pier									
	Split Level	There is a split level at one of the floor	-0.4 -0.4							
	Other	There is another observable severe ve	-0.7	$V_{L2} = -0.6$						
	Irregularity		e vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)					
Plan	Torsional irre		r relatively well distributed in plan in either or both directions. (Do not		, , , ,					
Irregularity, PL2		V1A open front irregularity listed above.)		-0.5						
	Non-parallel	-0.2								
	Reentrant co	-0.2								
	Diaphragm o	-0.2								
	C1, C2 build	-0.2	$P_{L2} = 0.0$							
	Other irregul	-0.5	(Cap at -0.7)							
Redundancy	The building	has at least two bays of lateral elements	s on each side of the building in each direction.	+0.2						
Pounding	Building is se	eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7						
		1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7						
	the building a	and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	-0.4						
S2 Building		eometry is visible.		-0.7						
C1 Building		ves as the beam in the moment frame.		-0.3						
PC1/RM1 Bldg		There are roof-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with post-benchmark or retrofit modifier.)								
PC1/RM1 Bldg	post-benchmark or retrofit modifier.) +0.2  The building has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse). +0.2									
URM	Gable walls are present.  -0.3									
MH	There is a supplemental seismic bracing system provided between the carriage and the ground. +0.5									
Retrofit	Comprehensive seismic retrofit is visible or known from drawings.  +1.2  M= 0.0									
FINAL LEVEL		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$		Transfer	to Level 1 form					
There is observat	ole damage or	deterioration or another condition that no	egatively affects the building's seismic performance: Yes X No the Level 1 form that detailed evaluation is required independent of the buildin		,					

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Comment Location Statement (Check "Yes" or "No") There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		



TERT INCIT COLORINGRY											
Address: 721 Cliff Dr.											
	Santa Barbara, CA Zip: 93109										
Othe	Other Identifiers: Main Campus East 0012.1 (from 2018 Fusion Report)										
Build	Building Name: Humanities - Covered Patio										
Use: Covered Patio											
	1										
Latitude: <u>34.40677</u>											
			Shinal	2/Dylar				10.0	24 2022	2/0:000	
_	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10.21.2022/9:00am										
	Stories:		e Grade		_ Belov	v Grade:	: <u>n/a</u>	-		2010 l	_ EST
			ı. ft.): <u>z</u>		( ( ) D	***		Code	Year:	2007	
Add	itions:	X N			'ear(s) B	<del></del>					
Occ	upancy:		embly	Comme		Emer. So	ervices	Hi		☐ Shelf	er
			strial	Office		School	"	_	overnmer	nt	
		Utilit	y	Wareho	use	Residen	tial, #Un	its:			
Soil	Type:	□A	□В		_				NK)	T	
		Hard Rock	Avg Rock	Den: Soi				oor <i>If I</i> oil	DINK, ass	ите Туре	υ.
Geo	logic Ha		Liquefac						Surf. Rı	ıpt.: Ye <b>s</b> ∕	No)DNK
	cency:			undina						t Building	
· · · · · · · · · · · · · · · · · · ·									7 tajaoo11		
ırreg	jularitie	s:		erticai (ty an (type)	pe/severi	-	nt Corne	ar			
	rior Fall	ling			Chimney	S		•	•	eavy Ver	neer
Haza	aras:			rapets her:			∐ Арр	endages	3		
00		^	<u></u> □ 0t	ner							
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			cture w oundati								
			gated s								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ex	ists on	the nor	th-west	corne	of the	structu	re.				
C:	to Cone	ditiona (	)haam.	. d.							
			Observens of signs		nt struc	tural da	mage (	or deter	rioration	1	
```	00001	vou oig	110 01 01	griiiloai	it ou do	iaiai ac	mago	or doto	ioration		
l _											
<u> </u>	Additiona	al sketche	es or con	nments c	n separa	ite page					
3, AN	ND FIN	IAL LE	VEL 1	SCO	RE, S	_1					
S3	S4	<b>S</b> 5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	МН
(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)		
1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
1.1 0.4	1.5 0.3	NA 0.2	1.4 0.2	1.7 0.3	NA 0.1	1.5 0.3	1.7 0.2	1.6 0.3	1.6 0.3	NA 0.1	0.5 0.1
-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.1	-0.1
NA	-0.2	-0.1	-0.1	-0.2	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
		1					1	1	1	1	

**SKETCH BASIC SCORE, MODIFIERS** Do Not Know FEMA BUILDING TYPE S1 (MRF) W1 W1A W2 S2 (BR) Basic Score 2.1 1.9 1.8 1.5 1.4 Severe Vertical Irregularity,  $V_{L1}$ -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 1.9 Post-Benchmark 1.9 2.0 1.0 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 Soil Type E (> 3 stories) -0.4 -0.4 -0.3 -0.4 -0.3 0.7 0.7 0.7 Minimum Score, S<sub>MIN</sub> 0.5 0.5

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

|--|

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales	building  Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK				

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



	C- SERVICE	
Commission of the Commission o	T&S/DRT: Seismic Sep.	C. H. Fader Budley
		T
A SHEAT WATER		

**SKETCH** 

	Address: 721 0	Cliff Dr.						
	Santa	a Barbara, CA	<b>Zip</b> : 93109					
	Other Identifiers: Main Campus East 0012.2 (from 2018 Fusion Report)							
	Building Name: Humanities - Stair							
	Use: Stair Tower							
	Latitude: 34.40		Longitude: -119.69646					
	<b>S</b> s: 2.224		<b>S</b> <sub>1</sub> : 0.801					
		age Shingle/Dylan Thor	mpson Date/Time: 10.21.202	22/9:00am				
		Above Grade: 3 Bel		2010 □ EST				
		a (sq. ft.): 1.925	Code Year:	2007				
	Additions:	None Yes, Year(s)	Built:					
	o o o u punio ji	Assembly Commercial	Emer. Services Historic	☐ Shelter				
		Industrial Office	School Governm	ent				
		Utility Warehouse	Residential, # Units:					
	Soil Type: Ha		□ <b>D</b> □ <b>E</b> □ <b>F ○DNK</b> ) Stiff Soft Poor <i>If DNK</i> , as	ssume Type D.				
	Ro		Still Soil Pool <i>II DINN, as</i> Soil Soil Soil	ssume туре D.				
	Geologic Hazard	ds: Liquefaction: Yes/No(DI	NK)Landslide: Yes(No)DNK Surf. I	Rupt.: Ye No DNK				
	Adjacency:	☐ Pounding ☐	Falling Hazards from Taller Adjace	ent Building				
	Irregularities:	☐ Vertical (type/sev	erity)					
П		☐ Plan (type)						
H	Exterior Falling	Unbraced Chimne	eys	Heavy Veneer				
Н	Hazards:	Parapets	Appendages					
Н		☐ Other:						
Н	COMMENTS:							
	,		led roof and reinforced conci ion system. Reinforced conc					
П	Supported Off	i siab-ull-ylaut luullual	1011 373(5111. 1\5111101650 60116	1010				

shearwall seismic system. Reinforced concrete deck for roof diaphragm.

No observed signs of significant structural damage or deterioration.

X Additional sketches or comments on separate page

Site Conditions Observed:

#### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1 W1A RM1 RM2 URM МН Do Not W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 (MRF) (LM) (RC (URM (BR) (URM (MRF (SW) (TU) (FD) (RD) Know **Basic Score** 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.4 -0.3 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 Pre-Code -0.3-0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2-0.2-0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.7 1.6 1.6 NA Post-Benchmark 10 11 15 NA 1.4 NA 15 17 0.5 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, SMIN 0.5 0.5 0.5 0.3 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

Partial

☐ None

Robert Morales

☐ Yes

DNK

LEVEL 2 SCREENING PERFORMED?

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ 

Soil Type Source:

Nonstructural hazards?

**Contact Person:** 

Exterior:

Interior:

	OTHER HAZARDS	ACTION REQUIRED				
X All Sides ☐ Aerial ☐ Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?				
□ No	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	<ul> <li>✓ Yes, unknown FEMA building type or other building</li> <li>✓ Yes, score less than cut-off</li> <li>✓ Yes, other hazards present</li> </ul> See Final Report for				
	☐ Falling hazards from taller adjacent	Discussion & Conclusions				
rales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
RFORMED?	Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary				
s 🗵 No		No, no nonstructural hazards identified DNK				

(2.9)

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR Legend:

MRF = Moment-resisting frame BR = Braced frame

RC = Reinforced concrete SW = Shear wall

URM INF = Unreinforced masonry infill

TU = Tilt up

MH = Manufactured Housing LM = Light metal

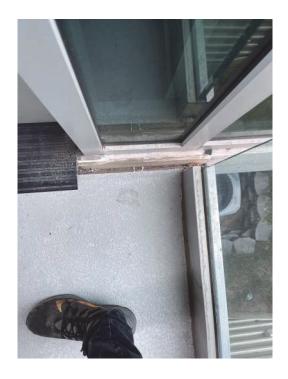
DNK = Do Not Know

FD = Flexible diaphragm RD = Rigid diaphragm

**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0012.2 - Humanities



Seismic Separation @ Stair



Seismic Separation @ Storage



					V LIV		OII GE	isillicity
Address: 721 Cliff Dr.								
Sa	anta Bar	bara, C	A			Zip:	93109	
Other Identif	iers: Ma	ain Cam	pus Eas	t 0012.	3 (from			port)
<b>Building Nan</b>								
Use: Storag								
Latitude: 34	.40677			Lon	gitude:	-119.	69646	
<b>S</b> s: 2.224				S <sub>1</sub> :	0.801			
Screener(s):	Sage S	Shingle/	Dylan Th	ompso	n Date/1	Time:	10.21.202	2/9:00am
No. Stories:	Above	Grade:	1 E	Below Gr	ade: n/a	а ,	Year Built:	2010 □ EST
<b>Total Floor A</b>	rea (sq.	ft.): 64	0				ode Year:	2007
Additions:	X Nor	ne 🔲	Yes, Year	(s) Built:				
Occupancy:	Assen	nbly C	commercial	Em	er. Servic	es [	Historic	Shelter
	Indust	trial C	Office	Sch	001		Governme	nt
	Utility	V	Varehouse	Res	idential,	# Units:		
Soil Type:	□A	□В	□c	□D	□Е	□F	(DNK)	
	Hard Rock	Avg Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	If DNK, ass	sume Type D.
Geologic Ha					•		DNK Surf R	upt.: Yes(No)DNk
	Laius. L							
Adjacency:		☐ Pour	nding	Fallir	ng Hazard	as trom 1	aller Adjacer	nt Bullaing
Irregularities	:		ical (type/s	everity)				
		∐ Plan	(type)					
Exterior Falli	ng	☐ Unbi	raced Chin	neys		Heavy C	Cladding or H	leavy Veneer
Hazards:		☐ Para	ipets			Append	ages	

T&S/DRT:
Seismic Sep.

#### COMMENTS:

Single-story structure with light gage steel-framed roof and walls supported on slab-on-grade foundation system. Sure-board sheathed light gage metal stud shearwall seismic system. Light gage steel corrugated deck for roof diaphragm.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

SKETCH

X Additional sketches or comments on separate page

Other:

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
	o Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	(LM)	(RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	$\bigcirc 1.6 \bigcirc$	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	$\bigcirc 1.1 \bigcirc$	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

2.	7	)

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>				
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						

**PROJECT:** 220014 – SBCC Seismic Survey **DATE:** 10/28/2022 **SUBJECT:** 0012.2 – Humanities



Seismic Separation @ Storage



		-1	4			Add	ress: 7	21 Cliff	Dr.								
		14	17.				5	Santa Ba	arbara,	CA			Z	i <b>p:</b> 931	109		
	MAN I	1	3					ifiers: N					rom 20	18 Fusi	ion Rep	oort)	
	* 4					Buil	ding Na	ame: Hu	umaniti	es - Da	rk Roor	m					
							: Store										
							_	4.40677				Longitu		19.696	46		
								4				<b>S</b> 1: <u>0.8</u>					
			- 8					): <u>Sage</u>				pson Da	ate/Time	: <u>10.2</u>	21.2022	2/9:00ar	n
		1	No.					: Abov			Belov	w Grade	: <u>n/a</u>			2010	☐ EST
		7.7	1				al Floor litions:	Area (so		380 ] Yes, \	/ear(s) B	Built:		Code	Year:	2007	
A A	*					Occ	upancy		embly	Comme		Emer. S	ervices	ПНі	storic	☐ Shelt	er
		1					apanoj	•	ıstrial	Office Wareho		School		G	overnmer	_	
	1	2:				Soil	Type:	□ <b>A</b> Hard	□ <b>B</b> Avg	Den	se S	tiff S	oft Po	oor If	NK) DNK, ass	ите Туре	D.
						Geo	logic H	Rock azards:	Rock Liquefa					oil NoDNK	Surf. Ru	upt.: Ye <b>√</b> l	NoDNK
	AT 378334		No.	S 200			acency:			ounding		-				t Building	
						Irre	gularitie	es:		ertical (ty lan (type)		rity)					
	7E	7	15	AL.			erior Fa ards:	lling	□ U	nbraced arapets other:		'S		vy Clado endages	-	eavy Ven	neer
Quotice 2	SKETCH	ASIC	sco	RE, MO	DIFIE	or st di	n slab-o ud she aphrag ite Con o obse	ditions ( rved sig	e found eismic Observ Ins of s	dation si system red: ignifica	ystem. Light  nt struc	Sure-bogage st gage st ctural da ate page	oard sh eel cor	eathed rugated	light ga I deck f	age met or roof	tal
FEMA BUILDING TYPE Do N	lot W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	C2 (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
		4.0	4.0	` ,	` ′		ŚW)	ÌNF)	, ,	` ′	ÌNF)	` ′	4.0	` ′	` '	0.0	4.4
Basic Score Severe Vertical Irregularity, V <sub>L1</sub>	<b>2.1</b> -0.9	<b>1.9</b> -0.9	<b>1.8</b> -0.9	<b>1.5</b> -0.8	<b>1.4</b> -0.7	1.6 -0.8	<b>1.4</b> -0.7	<b>1.2</b> -0.7	<b>1.0</b> -0.7	<b>1.2</b> -0.8	<b>0.9</b> -0.6	<b>1.1</b> -0.7	<b>1.0</b> -0.7	<b>1.1</b> -0.7	<b>1.1</b> -0.7	<b>0.9</b> -0.6	<b>1.1</b> NA
Moderate Vertical Irregularity, $V_{L1}$	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.7	-0.4	-0.0	NA
Plan Irregularity, P <sub>L1</sub>	-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark	1.9	1.9	2.0	1.0	1.1	$\frac{1.1}{2}$	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B Soil Type E (1-3 stories)	0.5 0.0	0.5 -0.2	0.4 -0.4	0.3 -0.3	0.3 -0.2	0.4 -0.2	0.3 -0.2	0.2 -0.1	0.2 -0.1	0.3 -0.2	0.1	0.3 -0.2	0.2 -0.1	0.3 -0.2	0.3 -0.2	0.1	0.1 -0.1
Soil Type E (> 3 stories)	-0.4	-0.4	-0.4	-0.3	-0.2	NA	-0.2	-0.1	-0.1	-0.2	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{L1}$	win:					2.7	)										
EXTENT OF REVIEW				OTHER	R HAZ	ARDS	;		ACT	ION R	EQUIF	RED					
Exterior: Partial	X All Sides	☐ Aer	ial	Are Ther	e Hazar	ds That	Trigger .	Α	Detail	ed Struc	tural Ev	aluation	Require	d?			
	=	X Ent	ered	Detailed	Structu	ral Evalu	ation?			es, unkno	own FEIV	1A buildin	ig type o	r other bu	uilding		
Drawings Reviewed:   Yes [ Soil Type Source: DNK	☐ No					ential (ur	iless S <sub>L2</sub>	>					5	ee Fin	al Rer	ort for	
Geologic Hazards Source: DNK					iff, if kno ng hazar	wn) ds from t	aller adia	acent	☐ Y	es, other	nazaros	present				nclusio	
Contact Person: Robert Mora	les			build	ing		•				tructura	l Evalua				eck one)	
		DC	=	☐ Geol	ogic haz	ards or S				es, nonst							
LEVEL 2 SCREENING PER	KFORME				ficant da tructural	mage/de	terioration	on to								raiuateu ation, but	а
Yes, Final Level 2 Score, S <sub>L2</sub>		ΧN		uie S	uuculidl	əyəl <b>⊎</b> III			de	etailed ev	aluation	is not ne	cessary	,	_		
Nonstructural hazards?		ΧN								o, no nor					DNK	_	
Where informati															now		
Legend: MRF = Momen BR = Braced fra				einforced co hear wall	ncrete		JRM INF ΓU = Tilt ι	= Unreinfo มp	rced mas	onry infill		= Manufa = Light me				le diaphrag diaphragm	
															5 -		



**SKETCH** 

	Address: 721 Cliff	Dr.						
	Santa Ba	rbara, CA	<b>Zip:</b> 93	109				
	Other Identifiers: N	lain Campus East 0014	(from 2018 Fusio	n Report)				
	Building Name: English Second Language							
	Use: Offices							
	Latitude: 34.40667	Long	gitude: <u>-119.697</u>	16				
	<b>S</b> s: 2.225	S <sub>1</sub> :	0.801					
	Screener(s): Sage	Shingle/Dylan Thompso	n Date/Time: 10.2	21.2022/9:00am				
		e Grade: 1 Below Gr	ade: <u>n/a</u> Year	Built: 1971 🛛 EST				
	Total Floor Area (sq		Code	Year: 1970				
	Additions: X No	one Yes, Year(s) Built:						
			er. Services  Hi					
	Indus Utility		ool	overnment				
4	Soil Type: A	B C D  Avg Dense Stiff		NK) DNK, assume Type D.				
	Rock	Rock Soil Soil	Soil Soil					
	Geologic Hazards:	Liquefaction: Yes/No DNK)La	ndslide: YesNoDNK	Surf. Rupt.: Yes No DNK				
	Adjacency:	☐ Pounding ☐ Fallir	ng Hazards from Taller	Adjacent Building				
	Irregularities:	☐ Vertical (type/severity)						
		Plan (type)						
	Exterior Falling	Unbraced Chimneys	= '	ling or Heavy Veneer				
	Hazards:	☐ Parapets ☐ Other:	☐ Appendages	;				
1	COMMENTS:							
		cture with light gage stee	l framed roof and	walls supported on				
-	a slab-on-grade t	foundation system. Steel	stud shearwall se	eismic system, with				
_	plywood for shear resistance. Corrugated steel sheathing for roof diaphragm.							
	Site Conditions Observed:							
	No observed signs of significant structural damage or deterioration.							
1								
	☐ Additional sketche	s or comments on separate p	age					

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE Do Not W1 W1A W2 PC2 RM1 RM2 URM MH **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 (SW) (URM (MRF) (BR) (LM) (RC (MRF (TU) Know (URM (FD) (RD) Basic Score 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3 -0.3 -0.2 -0.2 0.0 -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 NA NA 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 1.7 17 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) NA -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.20.0 Minimum Score, S<sub>MIN</sub> 0.7 0.7 0.7 0.5 0.5 0.3 0.3 0.2 1.0 0.5 0.5 0.5 0.3 0.3 0.3 0.2 0.2

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :							
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building					
Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent building	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions					
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK					
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know							



**SKETCH** 

						VE	ERY	HIGH	l Sei	smic	ity
Addı	ress: <u>7</u> 2	21 Cliff	Dr.								
	S	anta Ba	arbara,	CA			Z	'i <b>p</b> : <u>931</u>	09		
Othe	Other Identifiers: Main Campus East 0016.0 (from 2018 Fusion Report)										
Building Name: Marine Technology											
			/Classr								
		.40549				ongitu	de: _1	19.6995	57		
Ss:	2.229					<b>S</b> 1: 0.8					
Scre			Shingl	e/Dylar	Thom			: 11.0	4.2022	2/9:30ar	n
$\vdash$	Stories:		e Grade			v Grade:				1978	
			ı. ft.): 5			· Olado	· <u>-</u>	_	Year:	1976	
	tions:	X N			ear(s) B	uilt:		-		1070	
Occi	ıpancy:	Asse	embly	Comme		Emer. Se	ervices	☐ His	storic	☐ Shelt	er
	apanoy.		,	Office		School		_	vernmer		
		Utilit	у	Wareho	use	Resident	tial, #Un	its:			
Soil	Type:	□А	□в		C $\square$	]D [	]E [	]F ØN	ik)		
1		Hard	Avg	Den					NK, assi	ите Туре	D.
Rock Rock Soil Soil Soil Soil											
Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/No/DNK Surf. Rupt.: Yes/NoDNK											
Adjacency: Pounding Falling Hazards from Taller Adjacent Building											
Irregularities:											
Plan (type)											
	rior Fall	ing			Chimney	S	=	vy Cladd	ing or H	eavy Ven	ieer
Haza	ıras:			rapets her:			☐ App	endages			
COL	MENT	٥.									
			hasem	nent str	ucture	with ca	st-in-pla	ace con	crete n	an flooi	and
								ade fou			
						c syste	m. Plyv	vood sh	eathin	g over	
WC	ood/ste	ei joists	for roo	i diapn	ragm.						
Sit	e Cond	ditions (	Observe	ed:							
No	obser	ved sig	ns of si	gnifica	nt struc	tural da	mage	or deter	ioratior	١.	
	<u>Addition</u> a	l sketche	es or con	nments c	n separa	ate page					
3, AN	ID FIN	AL LE	EVEL 1	sco	RE, S						
<b>S</b> 3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	МН
(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)		
1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	(1.1)	1.1	0.9	1.1
-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0

**BASIC SCORE, MODIFIERS** Do Not FEMA BUILDING TYPE W1 W1A W2 S1 S2 (MRF) (BR) Know Basic Score 2.1 1.9 1.8 1.5 1.4 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 Post-Benchmark 1.9 1.9 2.0 1.0 1.1 NA 1.4 NA NA 0.5 1.1 1.5 1.7 1.5 1.7 1.6 1.6 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.2 0.0 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2NA 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub>

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: ☐ Partial ☐ X All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☐ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED? $\boxed{X}$ Yes, Final Level 2 Score, $S_{L2}$ 1.3 $\boxed{X}$ No         Nonstructural hazards? $\boxed{X}$ Yes $\boxed{X}$ No	Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>				

T&S/DRT: Seismic Sep

1.1

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

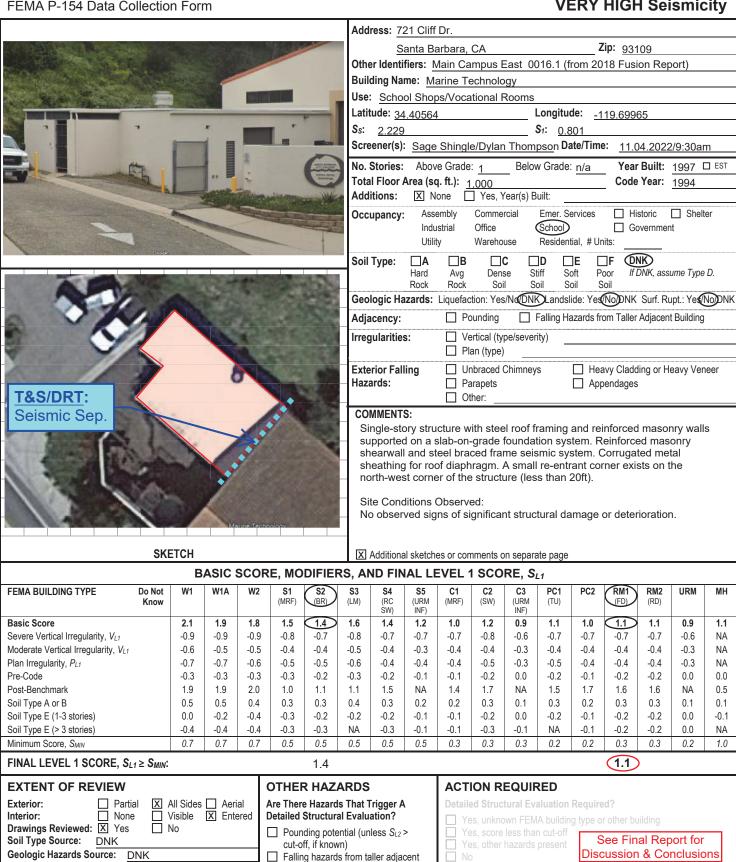
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Marine Technology - 0016.0	Final Level 1 Score:	$S_{L1} = 0.7$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 11.04.2022   9:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.1$	

Vertical Irregularity, V <sub>L2</sub>	Sloping Site Weak and/or	If statement is true, circle the "Yes" modifier; otherwise cross out the modifier.)  W1 building: There is at least a full story grade change from one side of the building to the other.  Non-W1 building: There is at least a full story grade change from one side of the building to the other.	-0.9					
Irregularity, V <sub>L2</sub>	Weak and/or	Non-W1 building: There is at least a full story grade change from one side of the building to the other.						
	and/or		-0.2	I				
		W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.	-0.5	I				
		W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame,		I				
	Soft Story	and there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9	I				
	(circle one maximum)	-0.9						
	,	length of the building.  Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any story is more than 2.0 times the height of the story above.	-0.7					
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height of any story is between 1.3 and 2.0 times the height of the story above.	-0.4					
	Setback	Vertical elements of the lateral system at an upper story are outboard of those at the story below causing the	-	I				
		diaphragm to cantilever at the offset.	-0.7	I				
		Vertical elements of the lateral system at upper stories are inboard of those at lower stories.	-0.4	1				
		There is an in-plane offset of the lateral elements that is greater than the length of the elements.	-0.2	I				
	Short Column/							
	Pier C1,C2,C3,PC1,PC2,RM1,RM2: The column depth (or pier width) is less than one half of the depth of the spandrel,							
		or there are infill walls or adjacent floors that shorten the column.	-0.4	I				
	Split Level	There is a split level at one of the floor levels or at the roof.	-0.4	I				
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = 0.0$				
	Irregularity	There is another observable moderate vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)				
Plan	Torsional irre	Torsional irregularity: Lateral system does not appear relatively well distributed in plan in either or both directions. (Do not						
Irregularity, P <sub>L2</sub>	include the W1A open front irregularity listed above.)							
		system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.	-0.2	I				
	Reentrant co	rner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.	-0.2	I				
	Diaphragm o	-0.2	I					
	C1, C2 buildi	-0.2	$P_{L2} = 0.0$					
	Other irregula	-0.5	(Cap at -0.7)					
Redundancy		has at least two bays of lateral elements on each side of the building in each direction.	+0.2					
Pounding		eparated from an adjacent structure The floors do not align vertically within 2 feet. (Cap total	-0.7	I				
9		1.5% of the height of the shorter of  One building is 2 or more stories taller than the other.  pounding	-0.7	I				
	the building a	and adjacent structure and:  The building is at the end of the block.  modifiers at -0.9	) -0.4	I				
S2 Building		eometry is visible.	-0.7	I				
C1 Building		rves as the beam in the moment frame.	-0.3	I				
PC1/RM1 Bldg	There are roo	of-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with park or retrofit modifier.)	<del>(+</del> 0.2)					
PC1/RM1 Bldg		has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).	+0.2	1				
URM	Gable walls a		-0.3	I				
MH		opplemental seismic bracing system provided between the carriage and the ground.	+0.5	1				
Retrofit		ive seismic retrofit is visible or known from drawings.	+1.2	M = +0.2				
		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$ : (1.3)		to Level 1 form				
		deterioration or another condition that negatively affects the building's seismic performance: Yes X No	(Transier	TO FEACUL LOUIL				

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes Location Statement (Check "Yes" or "No") No Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation required

Comments:		



LEVEL 2 SCREENING PERFORMED?

Yes, Final Level 2 Score, S<sub>L2</sub>

Robert Morales

☐ Yes

**Contact Person:** 

Nonstructural hazards?

X No

building

Geologic hazards or Soil Type F

the structural system

Significant damage/deterioration to

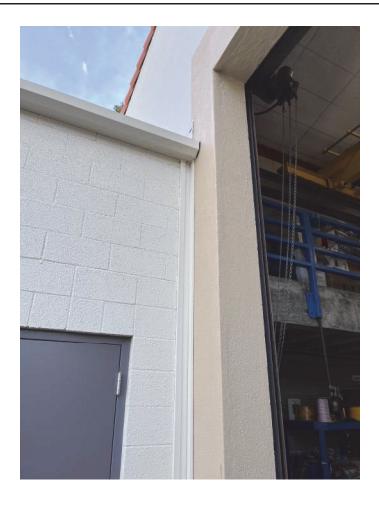
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

**Detailed Nonstructural Evaluation Recommended?** (check one)

**PROJECT:** 220014 – SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0016.1 – Marine Technology



Seismic Separation @ 0016

T&S/DRT: Seismic Sep.



Address: 721 Cliff I	Dr.					
Santa Ba	rbara, CA	<b>Zip:</b> 93109				
Other Identifiers: Main Campus East 0017 (from 2018 Fusion Report)						
Building Name: Oc	cupational Education	on				
Use: Laboratories/	/Classrooms/Offices	S				
Latitude: 34.40566		Longitude: -119.69849				
<b>S</b> s: 2.228		<b>S</b> <sub>1</sub> : 0.801				
Screener(s): Sage	Shingle/Dylan Thor	mpson <b>Date/Time:</b> <u>11.04.2022/9:30am</u>				
No. Stories: Above	e Grade: 2 Bel	ow Grade: n/a Year Built: 1976 □ EST				
Total Floor Area (sq.	. ft.): 18,389	Code Year: 1973				
Additions: X No	one	Built:				
Occupancy: Asset Indus Utility		Emer. Services				
Soil Type:   Hard  Rock	Avg Dense	D E F ONK Stiff Soft Poor If DNK, assume Type D. Soil Soil Soil				
Geologic Hazards: 1	Liquefaction: Yes/No(DI	NK Landslide: Yes No DNK Surf. Rupt.: Yes No DNK				
Adjacency:	Pounding	Falling Hazards from Taller Adjacent Building				
Irregularities:	☐ Vertical (type/sev	erity)				
	X Plan (type) R	e-Entrant Corner				
Exterior Falling Hazards:	☐ Unbraced Chimne ☐ Parapets ☐ Other: Skylight	eys				
COMMENTS:		-				
Two-story structu	Two-story structure with cast-in-place reinforced concrete slab over reinforced					

concrete joists floor and cast-in-place concrete walls supported on a slab-on-grade foundation system. Reinforced concrete shearwall seismic system. Reinforced concrete pan deck over steel joists for roof diaphragm. A 33ft shearwall along gridline 'F' on the upper floor is slightly inboard and offset from concrete shear walls below causing a minor out-of-plane setback and

No observed signs of significant structural damage or deterioration.

SKETCH

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, St. 1

minor in-plane offset.

Site Conditions Observed:

X Additional sketches or comments on separate page

0.3

BASIC SCORE, WIDDIFIERS, AND FINAL LEVEL 1 SCORE, 3L1																		
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	\$3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	C2 (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
								SW)	INF)			INF)						
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	(1.2)	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, VL	1	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

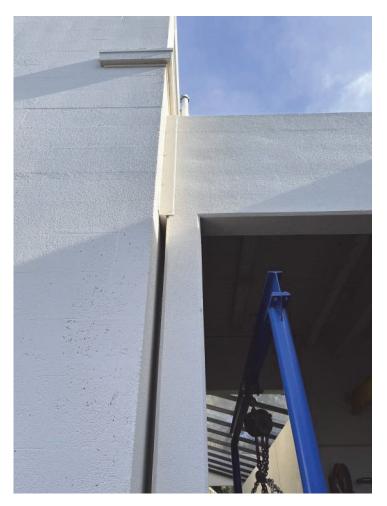
FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior:	Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?   ☐ Yes, Final Level 2 Score, S <sub>L2</sub>		Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK				

**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0017 – Occupational Education



Seismic Separation @ 0001.1

FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

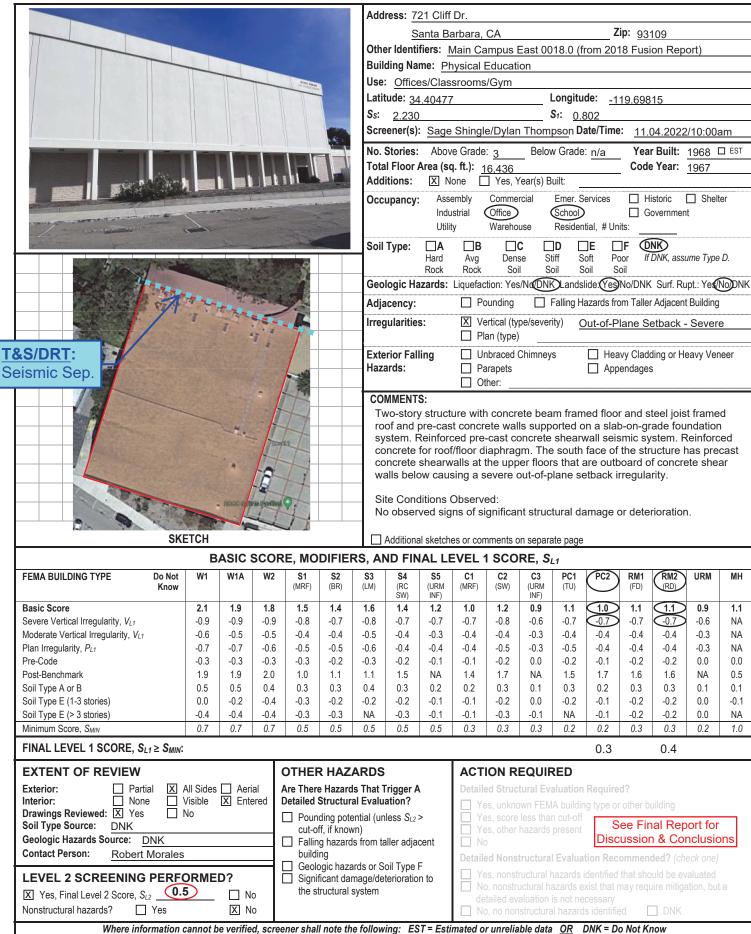
Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Occupational Education - 0017	Final Level 1 Score:	$S_{L1} = 0.3$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.4$	Plan Irregularity, $P_{L1} = -0.5$
Date/Time: 11.04.2022   9:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.2$	

Topic	Statement /	f statement is true, circle the "Yes" modifier; otherwise cross out the modifier.)	Yes	Subtotals			
Vertical	Sloping	W1 building: There is at least a full story grade change from one side of the building to the other.	-0.9	Gubtotulo			
Irregularity, $V_{L2}$	Site	Non-W1 building: There is at least a full story grade change from one side of the building to the other.	-0.2				
mogularity, v <sub>L2</sub>	Weak	W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.	-0.5				
	and/or	W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame,	0.0				
	Soft Story	and there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9				
	(circle one	W1A building open front: There are openings at the ground story (such as for parking) over at least 50% of the	0.0				
	maximum)	length of the building.	-0.9				
		Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any					
		story is more than 2.0 times the height of the story above.	-0.7				
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height					
		of any story is between 1.3 and 2.0 times the height of the story above.	-0.4				
	Setback	Vertical elements of the lateral system at an upper story are outboard of those at the story below causing the					
		diaphragm to cantilever at the offset.	-0.7				
		Vertical elements of the lateral system at upper stories are inboard of those at lower stories.	-0.4				
		There is an in-plane offset of the lateral elements that is greater than the length of the elements.	-0.2				
	Short	C1,C2,C3,PC1,PC2,RM1,RM2: At least 20% of columns (or piers) along a column line in the lateral system have					
	Column/	height/depth ratios less than 50% of the nominal height/depth ratio at that level.	-0.4				
	Pier	C1,C2,C3,PC1,PC2,RM1,RM2: The column depth (or pier width) is less than one half of the depth of the spandrel,	-0.4				
		or there are infill walls or adjacent floors that shorten the column.					
	Split Level There is a split level at one of the floor levels or at the roof.						
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.4$			
	Irregularity	There is another observable moderate vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)			
Plan		gularity: Lateral system does not appear relatively well distributed in plan in either or both directions. (Do not					
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.)	-0.5				
	Non-parallel	system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other. rner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.	-0.2				
		-0.2					
	Diaphragm o	-0.2					
	C1, C2 buildi	-0.2	$P_{L2} = -0.2$				
		arity: There is another observable plan irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)			
Redundancy		has at least two bays of lateral elements on each side of the building in each direction.	⊕ <u>?</u>				
Pounding		parated from an adjacent structure  The floors do not align vertically within 2 feet. (Cap total	-0.7				
		1.5% of the height of the shorter of One building is 2 or more stories taller than the other.	-0.7				
00 D 'I I'		and adjacent structure and:  The building is at the end of the block.  modifiers at -0.9)	-0.4				
S2 Building		eometry is visible.	-0.7				
C1 Building		ves as the beam in the moment frame.	-0.3				
PC1/RM1 Bldg		of-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with park or retrofit modifier.)	+0.2				
PC1/RM1 Bldg		has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).	+0.2				
URM	Gable walls a		-0.3				
MH		pplemental seismic bracing system provided between the carriage and the ground.	+0.5				
Retrofit		ive seismic retrofit is visible or known from drawings.	+1.2	M = +0.2			
		·	1				
		(	ıranster	to Level 1 form)			
There is observal	ole damage or	deterioration or another condition that negatively affects the building's seismic performance:					

**OBSERVABLE NONSTRUCTURAL HAZARDS** Location Statement (Check "Yes" or "No") Yes No Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation required

Comments:		



FEMA P-154 Data Collection Form

### Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Physical Education - 0018.0	Final Level 1 Score:	$S_{L1} = 0.3$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.7$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 11.04.2022   10:00 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.0$	

Topic Vertical Irregularity, V <sub>L2</sub>	Sloping Site Weak	If statement is true, circle the "Yes" modifier; otherwise cross out the modifier.)  W1 building: There is at least a full story grade change from one side of the building to the other.	-0.9	Subtotals			
	Site						
irrogularity, V <sub>L2</sub>		Non W1 huilding. Thoro is at loast a full story grade change from one side of the huilding to the other	-0.2				
		Non-W1 building: There is at least a full story grade change from one side of the building to the other.  W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.	-0.2				
	and/or	W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame,	-0.5				
li i	Soft Story	and there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9				
	(circle one	W1A building open front: There are openings at the ground story (such as for parking) over at least 50% of the	-0.9				
	maximum)	length of the building.	-0.9				
		Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any story is more than 2.0 times the height of the story above.	-0.7				
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height	0.1				
		of any story is between 1.3 and 2.0 times the height of the story above.	-0.4				
	Setback	Vertical elements of the lateral system at an upper story are outboard of those at the story below causing the					
		diaphragm to cantilever at the offset.	97				
		Vertical elements of the lateral system at upper stories are inboard of those at lower stories.	-0.4				
		There is an in-plane offset of the lateral elements that is greater than the length of the elements.	-0.2				
	Short	C1,C2,C3,PC1,PC2,RM1,RM2: At least 20% of columns (or piers) along a column line in the lateral system have					
	Column/	height/depth ratios less than 50% of the nominal height/depth ratio at that level.	-0.4				
	Pier	C1,C2,C3,PC1,PC2,RM1,RM2: The column depth (or pier width) is less than one half of the depth of the spandrel,					
		or there are infill walls or adjacent floors that shorten the column.					
	Split Level There is a split level at one of the floor levels or at the roof.						
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = -0.7$			
	Irregularity	There is another observable moderate vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)			
Plan		egularity: Lateral system does not appear relatively well distributed in plan in either or both directions. (Do not					
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.)	-0.5				
		system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.  rner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.	-0.2				
		-0.2					
	Diaphragm o	-0.2					
	C1, C2 buildi	-0.2	$P_{L2} = 0.0$				
		arity: There is another observable plan irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)			
Redundancy		has at least two bays of lateral elements on each side of the building in each direction.	+0.2				
Pounding		parated from an adjacent structure  The floors do not align vertically within 2 feet. (Cap total	-0.7				
		1.5% of the height of the shorter of One building is 2 or more stories taller than the other. pounding	-0.7				
		and adjacent structure and:  The building is at the end of the block.  modifiers at -0.9)	-0.4				
S2 Building		eometry is visible.	-0.7				
C1 Building		ves as the beam in the moment frame.	-0.3				
PC1/RM1 Bldg		of-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with					
		park or retrofit modifier.)	⊕2				
PC1/RM1 Bldg		has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).	+0.2				
URM	Gable walls a		-0.3				
MH		pplemental seismic bracing system provided between the carriage and the ground.	+0.5	M = +0.2			
Retrofit	Comprehensive seismic retrofit is visible or known from drawings. +1.2						
		(	Transfer	to Level 1 form)			
		deterioration or another condition that negatively affects the building's seismic performance:   Yes  No					

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Comment Location Statement (Check "Yes" or "No") There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		



	1			W <sub>U</sub>	Eriofi	0060	COC
DRT:			H. M.	P. C.			
nic Se <sub>l</sub>	p.			t. Lord t			ectal!
	6	Se Williams	10000	pools Payallun Q	1		

0.7

0.7

0.7

Do Not

Know

1 = 111 111 011 00101111011
Address: 721 Cliff Dr.
Santa Barbara, CA Zip: 93109
Other Identifiers: Main Campus East 0018.1 (from 2018 Fusion Report)
Building Name: Physical Education - Entrance & Exercise Addition
Use: Classrooms/Gym
Latitude: 34.40477 Longitude: -119.69815
S <sub>5</sub> : <u>2.230</u> S <sub>1</sub> : <u>0.802</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 11.04.2022/10:00am
No. Stories: Above Grade: 3 Below Grade: n/a Year Built: 2004 ☐ EST
Total Floor Area (sq. ft.): 11,440 Code Year: 2001
Additions: X None Yes, Year(s) Built:
Occupancy: Assembly Commercial Emer. Services   Historic  Shelter
Industrial Office School Government
Utility Warehouse Residential, # Units:
Soil Type: A B C D E F ONE  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
Rock Rock Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/No(DNK) Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK
Adjacency: Dounding Falling Hazards from Taller Adjacent Building
Irregularities:
☐ Plan (type)
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
Hazards: Parapets Appendages
Other:
COMMENTS:
Two-story structure with steel-framed floor and roof and light gage steel stud walls supported on a pile and grade-beam foundation system. Tube steel
braced frames at the bottom floor and wideflange steel moment frames at the
upper floor for seismic system. Concrete fill over steel decking for floor
diaphragm and bare metal decking for roof diaphragm.
Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

0.3

0.2

0.2

0.3

0.3

0.2

1.0

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A RM1 RM2 URM МН W2 **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (BR) (LM) (RC (MRF) (URM (MRF (SW) (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.4 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.5 1.6 1.6 NA 0.5 1.0 1.1 1.5 NA 1.4 1.7 NA 17 1.1 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4-0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.3

0.3

Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

T&S/ Seisr

0.5

0.5

0.5

0.5

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:         ☑ Yes         ☐ No           Soil Type Source:         DNK           Geologic Hazards Source:         DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales  LEVEL 2 SCREENING PERFORMED?	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated				
Yes, Final Level 2 Score, S <sub>L2</sub> X No  Nonstructural hazards? ☐ Yes X No	Significant damage/deterioration to the structural system	No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified				
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						





	VERT Thorr defailingity					
Address: 721 Cliff Dr.						
Santa Barbara, CA	<b>Zip:</b> 93109					
Other Identifiers: Main Campus East	0021 (from 2018 Fusion Report)					
Building Name: Press Box and Confe	rence Center					
Use: Shelter for Press Services						
Latitude: 34.40495	Longitude: -119.69634					
<b>S</b> s: 2.229	<b>S</b> <sub>1</sub> : 0.802					
Screener(s): Sage Shingle/Dylan Tho	mpson <b>Date/Time:</b> <u>11.04.2022/9:00am</u>					
No. Stories: Above Grade: 1 Be	low Grade: n/a Year Built: 2009 ☐ EST					
Total Floor Area (sq. ft.): 1,357	Code Year: 2007					
Additions: X None Yes, Year(s)	Built:					
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter					
Industrial Office	School Government					
Utility Warehouse	Residential, # Units:					
	Stiff Soft Poor If DNK, assume Type D.					
Hard Avg Dense Rock Rock Soil	Stiff Soft Poor If DNK, assume Type D. Soil Soil Soil					
Geologic Hazards: Liquefaction: Yes/No	NK)Landslide: (Yes)No/DNK Surf. Rupt.: Yes(No)DNK					
Adjacency: Pounding	Falling Hazards from Taller Adjacent Building					
Irregularities:	rerity)					
☐ Plan (type)						
Exterior Falling  Unbraced Chimn	eys					
Hazards: Parapets	☐ Appendages					
Other:						
COMMENTS:	and work and limbs name at all wells					
Single-story structure with steel framed roof and light gage steel walls supported on slab-on-grade foundation system. Tube steel braced frame &						
	smic system. Concrete fill over light gage					
corrugated steel for roof diaphragm.						
Site Conditions Observed:						
No observed signs of significant stru	uctural damage or deterioration.					
-						

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 RM2 URM Do Not W1 W1A W2 <u>S1</u> S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 RM1 МН (URM (MRF) (BR) (LM) (RC (URM (MRF (SW) (TU) (FD) (RD) Know 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.5 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -04 -0.4 -0.4-0.3 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3-0.3 -0.3 -0.3 -0.2-0.3 -0.2-0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.6 1.6 NA 1.0 1.1 15 NA 14 17 NA 15 17 0.5 11 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4-0.4-0.4 -0.3 -0.3NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.5

0.3

Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

**Basic Score** 

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

2.5 (2.5)

0.5

Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales	
Soil Type Source: DNK	
Drawings Reviewed: X Yes No	
Exterior: Partial X All Sides Aerial Interior: None Visible X Entere	ed

0.7

0.7

0.7

LE	۷	ΈL	2	S	3CR	E	E	ΞN	ING	PERFORMED?	
_										_	

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

### **OTHER HAZARDS**

0.5

Are There Hazards That Trigger A Detailed Structural Evaluation?

0.5

0.5

- ☐ Pounding potential (unless S<sub>L2</sub> > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system

### **ACTION REQUIRED**

0.3

0.2

0.2

0.3

0.3

See Final Report for Discussion & Conclusions

0.3

0.2

1.0

**Detailed Nonstructural Evaluation Recommended?** (check one)

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know FD = Flexible diaphragm



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III	II ,		
	40	^	
	1	4	1
		1.15	1

Address: 721 Cliff Dr.						
Santa Barbara, CA Zip: 93109						
Other Identifiers: Main Campus East 0022 (from 2018 Fusion Report)						
Building Name: Security Kiosk East						
Use: Security						
Latitude: 34.40629 Longitude: -119.69995						
<b>S</b> s: <u>2.227</u>						
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 11.04.2022/9:30am						
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1983 □ EST						
Total Floor Area (sq. ft.): 49 Code Year: 1982						
Additions: X None Yes, Year(s) Built:						
Occupancy: Assembly Commercial Emer. Services  Historic  Shelter						
Industrial Office School Government						
Utility Warehouse Residential, # Units:						
Soil Type:   B  B  C  D  E  F  ONK  (SOM)						
Hard Avg Dense Stiff Soft Poor <i>If DNK, assume Type D.</i> Rock Rock Soil Soil Soil Soil						
Geologic Hazards: Liquefaction: Yes/NoDNK)Landslide: YetNoDNK Surf. Rupt.: YetNoDNK						
Adjacency: Pounding Falling Hazards from Taller Adjacent Building						
Irregularities: Uertical (type/severity)						
Plan (type)						
Exterior Falling  Unbraced Chimneys  Heavy Cladding or Heavy Veneer						
Hazards: Parapets Appendages						
Other:						
COMMENTS: Single story structure with wood framed roof and wells supported an a						
Single-story structure with wood-framed roof and walls supported on a slab-on-grade foundation system. Wood shearwall seismic system, with						
nlywood for shear resistance. Plywood sheathing for roof dianhragm						

No observed signs of significant structural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 RM1 RM2 URM МН Do Not W1 W1A W2 **S1 S2** S3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (SW) Know (URM (MRF (TU) (FD) (RD) 2.1 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.9 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.6 NA 0.5 10 1.5 NA 1.4 1.7 NA 15 17 1.6 1.1 1.1 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 0.5 0.5 0.5 0.3 0.3

☐ Additional sketches or comments on separate page

Site Conditions Observed:

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 4.0

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

EXTENT OF REVIEW	OTHER HAZARDS ACTION REQUIRED				
Exterior:	Are There Hazards That Trigger A  Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)  ☐ Falling hazards from taller adjacent	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions			
Contact Person:       Robert Morales         LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	building ☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK			
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know					

T&S/DRT:

Seismic Sep.



**SKETCH** 

Address: 72	21 Cliff [	Or.						
Sa	anta Ba	rbara, C	А			Zip:	93109	
Other Identif	iers: M	ain Cam	pus Eas	st 0024.	0 (from	2018	Fusion Rep	port)
<b>Building Nar</b>	ne: Stu	dent Sei	vices					
Use: Staff	Offices							
Latitude: 34	.40674			Long	gitude:	-119	.69805	
<b>S</b> s: 2.225				S <sub>1</sub> :	0.801			
Screener(s):	Sage	Shingle/I	Dylan T	hompso	n <b>Date/</b> 1	Гіте:	11.04.2022	2/9:30am
No. Stories:	Above	Grade: 2	2	Below Gr	ade: 1		Year Built:	1965 □ EST
Total Floor A	Area (sq.	ft.): 43.	038				Code Year:	1964
Additions:	X No	ne 🗌	Yes, Yea	r(s) Built:				
Occupancy:	Assei	mbly C	ommercia	ıl Eme	er. Servic	es [	Historic	Shelter
	Indus	trial 🔘	ffice	Sch		[	☐ Governmer	nt
	Utility	W	/arehouse	Res	idential,	# Units:		
Soil Type:	$\Box$ A	□В	□C	$\Box D$	□E	□F	(DNK)	
	Hard Rock	Avg Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	If DNK, ass	ume Type D.
Geologic Ha					•		NK Surf. R	upt.: Yes(No)DNK
Adjacency:		☐ Pour	nding	☐ Fallir	ng Hazard	ds from	Taller Adjacen	t Building
Irregularities	):	☐ Verti	cal (type/	severity)				
		X Plan	(type)	Re-Enti	ant Co	rner / I	Diaphragm	Opening
Exterior Fall	ing	☐ Unbr	aced Chi	mneys		Heavy	Cladding or H	eavy Veneer
Hazards:		☐ Para		_		Append	0	
		X Othe	r: Exter	ior Prec	ast Elei	ments	Falling Haz	ard Concern
COMMENTS	S:							

T&S/DRT:

T&S/DRT:

Seismic Sep.

Interior Mezzanine Addition

> Two-story above basement structure with reinforced cast-in-place concrete slab over concrete joist for floor and cast-in-place concrete walls supported on a slab-on-grade foundation system. Reinforced concrete shearwall seismic system. Concrete slab over pre-cast and/or pre-stressed concrete joists/beams for roof diaphragm. A re-entrant corner exists at the second floor level, where a seismically separated mezzanine has been added. The roof level has a diaphragm opening where raised concrete cones exist, which also provides a concern for a severe diaphragm discontinuity irregularity.

Site Conditions Observed:

Visible water damage at the connection of precast concrete exterior columns.

X Additional sketches or comments on separate page

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1A URM МН Do Not W1 W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 RM1 RM<sub>2</sub> (MRF) (BR) (LM) (RC (URM (URM (MRF (SW) (TU) (FD) (RD) Know **Basic Score** 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.4 -0.5 -0.3 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.4 -0.4 -0.4-0.3 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.20.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 NA 0.5 Post-Benchmark 10 1.1 1.5 NA 1.4 NA 15 17 16 1.6 11 1.7 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, SMIN 0.5 0.5 0.5 0.5 0.3 0.3 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 0.7

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:   Yes □ No  Soil Type Source: □NK  Geologic Hazards Source: □NK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No No See Final Report for Discussion & Conclusions				
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED? $\boxtimes$ Yes, Final Level 2 Score, $S_{L2}$ $\bigcirc$ No         Nonstructural hazards? $\square$ Yes $\boxtimes$ No	Significant damage/deterioration to the structural system	── Yes, nonstructural hazards identified that should be evaluated     ── No, nonstructural hazards exist that may require mitigation, but a     detailed evaluation is not necessary     ── No, no nonstructural hazards identified				
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						

**PROJECT:** 220014 – SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0024 - Student Services



Water Damage at Connection of Precast Concrete Exterior Columns

### Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA P-154 Data Collection Form

# Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

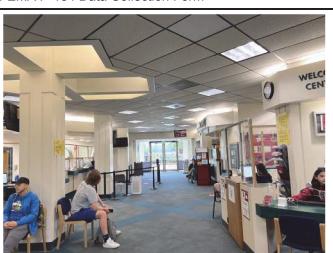
Bldg Name: Student Services - 0024.0	Final Level 1 Score:	$S_{L1} = 0.7$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = -0.5$	Plan Irregularity, $P_{L1} = 0.0$
Date/Time: 11.04.2022   9:30 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.2$	

STRUCTURA	L MODIFIER	RS TO ADD TO ADJUSTED BASELINE SCORE								
Topic	Statement (	If statement is true, circle the "Yes" modifier; otherwise cross out the modifier.)	Yes	Subtotals						
Vertical	Sloping	W1 building: There is at least a full story grade change from one side of the building to the other.	-0.9							
Irregularity, V <sub>L2</sub>	Site	Non-W1 building: There is at least a full story grade change from one side of the building to the other.								
	Weak	W1 building cripple wall: An unbraced cripple wall is visible in the crawl space.	-0.5							
	and/or	W1 house over garage: Underneath an occupied story, there is a garage opening without a steel moment frame,								
	Soft Story	and there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).	-0.9							
	(circle one	W1A building open front: There are openings at the ground story (such as for parking) over at least 50% of the								
	maximum)	length of the building.	-0.9							
		Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any	0.7							
		story is more than 2.0 times the height of the story above.	-0.7							
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height of any story is between 1.3 and 2.0 times the height of the story above.	-0.4							
	Setback	Vertical elements of the lateral system at an upper story are outboard of those at the story below causing the	-0.4	1						
	Selback	diaphragm to cantilever at the offset.	-0.7							
		Vertical elements of the lateral system at upper stories are inboard of those at lower stories.	-0.7							
		There is an in-plane offset of the lateral elements that is greater than the length of the elements.	-0.4							
	Short	C1,C2,C3,PC1,PC2,RM1,RM2: At least 20% of columns (or piers) along a column line in the lateral system have	-0.2							
	Column/	height/depth ratios less than 50% of the nominal height/depth ratio at that level.	-0.4							
	Pier	C1,C2,C3,PC1,PC2,RM1,RM2: The column depth (or pier width) is less than one half of the depth of the spandrel,	0.1							
		or there are infill walls or adjacent floors that shorten the column.	-0.4							
	Split Level	There is a split level at one of the floor levels or at the roof.	-0.4							
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance.	-0.7	$V_{L2} = 0.0$						
	Irregularity	There is another observable moderate vertical irregularity that may affect the building's seismic performance.	-0.4	(Cap at -0.9)						
Plan	Torsional irre	gularity: Lateral system does not appear relatively well distributed in plan in either or both directions. (Do not								
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.)	-0.5							
		system: There are one or more major vertical elements of the lateral system that are not orthogonal to each other.	-0.2							
		rner: Both projections from an interior corner exceed 25% of the overall plan dimension in that direction.	-0.2							
		pening: There is an opening in the diaphragm with a width over 50% of the total diaphragm width at that level.	-0.2							
		ing out-of-plane offset: The exterior beams do not align with the columns in plan.	-0.2	$P_{L2} = -0.9$						
		arity: There is another observable plan irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)						
Redundancy		has at least two bays of lateral elements on each side of the building in each direction.	+0.2							
Pounding		eparated from an adjacent structure  The floors do not align vertically within 2 feet. (Cap total	-0.7							
		1.5% of the height of the shorter of  One building is 2 or more stories taller than the other.  pounding	-0.7	ļ						
00 D 11 II		and adjacent structure and: The building is at the end of the block. modifiers at -0.9)	-0.4							
S2 Building		eometry is visible.	-0.7	ļ						
C1 Building		ves as the beam in the moment frame.	-0.3	ļ						
PC1/RM1 Bldg	There are roof-to-wall ties that are visible or known from drawings that do not rely on cross-grain bending. (Do not combine with									
DC1/DM1 DIda	post-benchmark or retrofit modifier.) +0.2									
PC1/RM1 Bldg URM		has closely spaced, full height interior walls (rather than an interior space with few walls such as in a warehouse).	+0.2	1						
MH	Gable walls are present.									
	There is a supplemental seismic bracing system provided between the carriage and the ground. $+0.5$ Comprehensive seismic retrofit is visible or known from drawings. $+1.2$ $M = 0.0$									
Retrofit			+1.2							
			ranster	to Level 1 form)						
		deterioration or another condition that negatively affects the building's seismic performance:   Yes  No								
ıı yes, aescribe ti	ie condition in t	the comment box below and indicate on the Level 1 form that detailed evaluation is required independent of the buildin	g s score							

**OBSERVABLE NONSTRUCTURAL HAZARDS** Yes No Comment Location Statement (Check "Yes" or "No") There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney. Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Х There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended ☐ Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required X Low or no nonstructural hazard threat to occupant life safety → No Detailed Nonstructural Evaluation required

Comments:		

T&S/DRT: Seismic Sep



Address: 721 Cliff	Dr.		
Santa Ba	arbara, CA		<b>Zip:</b> 93109
Other Identifiers: N	lain Campus East		018 Fusion Report)
Building Name: St	udent Services - Int	erior Mezzanin	е
Use: Staff Offices			
Latitude: 34.40674		Longitude: _	119.69805
<b>S</b> s: 2.225		<b>S</b> <sub>1</sub> : 0.801	
Screener(s): Sage	Shingle/Dylan Tho	mpson <b>Date/Tim</b>	ne: 11.04.2022/9:30am
No. Stories: Abov	e Grade: 2 Be	low Grade: n/a	Year Built: 1989 ☐ EST
Total Floor Area (so			Code Year: 1985
Additions: X N	one	Built:	
Occupancy: Asse		Emer. Services	☐ Historic ☐ Shelter
	strial Office	School	Government
Utilit	y Warehouse	Residential, # U	Inits:
Soil Type:   A			□F (DNK)
Hard Rock	Avg Dense Rock Soil		Poor If DNK, assume Type D. Soil
Geologic Hazards:	Liquefaction: Yes/Not		No DNK Surf. Rupt.: Ye No DNK
Adjacency:	Pounding	Falling Hazards f	rom Taller Adjacent Building
Irregularities:	☐ Vertical (type/sev	verity)	
	X Plan (type) R	e-Entrant Corne	er / Diaphragm Opening
Exterior Falling	☐ Unbraced Chimn	eys 🔲 He	eavy Cladding or Heavy Veneer
Hazards:	Parapets		pendages
	X Other: Exterior	Precast Eleme	ents Falling Hazard Concern
COMMENTS:			

T&S/DRT:

Seismic Sep.

light gage steel stud walls supported on a slab-on-grade foundation system. Wideflange steel moment frame at the first floor and strap braced light gage steel stud walls at the second floor seismic system. Concrete filled metal deck for floor diaphragm and tube steel braced ceiling diaphragm.

Two-story interior structure with concrete filled metal deck over steel joist for floor and

Site Conditions Observed:

Visible water damage at the connection of precast concrete exterior columns.

**SKETCH** 

X Additional sketches or comments on separate page

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																		
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>\$2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

1	.5	

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED						
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building						
Drawings Reviewed:   Yes □ No  Soil Type Source: □NK  Geologic Hazards Source: □NK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No See Final Report for Discussion & Conclusions						
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK						
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system							
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know								



East Campus Office Center (1	
	~ 🄏

	VERY HIGH Seismicity
Address: 721 Cliff Dr.	
Santa Barbara, CA	<b>Zip:</b> 93109
Other Identifiers: Main Campus East 0	0070 (from 2018 Fusion Report)
Building Name: E.C.O.C. 1	
Use: Offices	
Latitude: 34.40675	Longitude: -119.69741
<b>S</b> s: 2.225	<b>S</b> <sub>1</sub> : <u>0.801</u>
Screener(s): Sage Shingle/Dylan Thon	npson <b>Date/Time</b> : 10/21/2022 - 9:00am
No. Stories: Above Grade: 1 Belo	ow Grade: n/a Year Built: 1997 🛛 EST
Total Floor Area (sq. ft.): 1,920	Code Year: 1994
Additions: X None Yes, Year(s)	Built:
Occupancy: Assembly Commercial	Emer. Services Historic Shelter
Industrial Office	School Government
Utility Warehouse	Residential, # Units:
	□D □E □F ÛNK Stiff Soft Poor <i>If DNK</i> , assume Type D.
	Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDN	IK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
Adjacency: Pounding	Falling Hazards from Taller Adjacent Building
Irregularities:	erity)
☐ Plan (type)	
Exterior Falling	ys Heavy Cladding or Heavy Veneer
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS:	and steel framed roof floor and walls
	gage steel framed roof, floor, and walls er plates. Light gage steel with plywood
shearwall seismic system. Standing	seam steel sheathing for roof diaphragm.
Site Conditions Observed:	
No observed signs of significant strue	ctural damage or deterioration

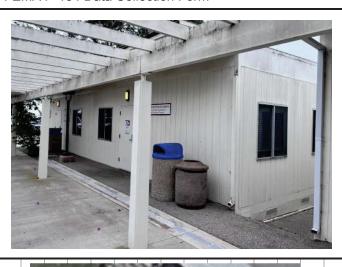
☐ Additional sketches or comments on separate page

		В	ASIC	SCOR	E, MO	DIFIE	RS, A	ND FIN	NAL LI	EVEL	1 SCO	RE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score SMIN	•	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	10

FINAL LEVEL 1 SCORE, S<sub>1.1</sub> ≥ S<sub>MIN</sub>;

|--|

FINAL LEVEL 1 SCORE, 3L1 2 3MIN.		1.6					
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building					
Drawings Reviewed:         ☐ Yes         ☒ No           Soil Type Source:         DNK           Geologic Hazards Source:         DNK           Contact Person:         Robert Morales	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent building	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  Detailed Nonstructural Evaluation Recommended? (check one)					
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK					
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data <u>OR</u> DNK = Do Not Know							



Address: 721 C	Cliff Dr.
Santa	a Barbara, CA Zip: 93109
Other Identifiers	s: Main Campus East 0071 (from 2018 Fusion Report)
<b>Building Name:</b>	E.C.O.C. 2
Use: Offices	
Latitude: 34.40	686 Longitude: -119.69729
<b>S</b> s: 2.224	S₁: 0.801
Screener(s): Sa	age Shingle/Dylan Thompson <b>Date/Time</b> : 10/21/2022 - 9:00am
	Above Grade: 1 Below Grade: n/a Year Built: 1997 🛛 EST
	a (sq. ft.): 1.920 Code Year: 1994
Additions: X	None Yes, Year(s) Built:
. ,	Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
Soil Type: Hai	, ,,,,,
Geologic Hazaro	ds: Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK
Adjacency:	☐ Pounding ☐ Falling Hazards from Taller Adjacent Building
Irregularities:	☐ Vertical (type/severity)
	☐ Plan (type)
Exterior Falling Hazards:	<ul><li>☐ Unbraced Chimneys</li><li>☐ Heavy Cladding or Heavy Veneer</li><li>☐ Parapets</li><li>☐ Other:</li></ul>
COMMENTS:	
supported on	structure with light gage steel framed roof, floor, and walls a pressure treated lumber plates. Light gage steel with plywood ismic system. Standing seam steel sheathing for roof diaphragm.
	ns Observed: eterioration of the wood rim and wood sill-on-ground was

X Additional sketches or comments on separate page

		В	ASIC S	SCOR	E, MO	DIFIE	RS, Al	ND FIN	IAL LI	EVEL	1 SCO	RE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L</sub>	1	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE, SL1 > SMIN:

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THEAL LLVLL TOOOKL, SLT 2 OMIN.		1.6			
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED			
Exterior:   Partial   X All Sides   Aerial   Interior:   None   Visible   X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building			
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK	☐ Pounding potential (unless St₂ > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions			
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated			
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No         Nonstructural hazards?       Yes       X No	Significant damage/deterioration to the structural system	No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified DNK			
Where information cannot be verified, sc	reener shall note the following: EST = Est	imated or unreliable data <u>OR</u> DNK = Do Not Know			

**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022 **SUBJECT:** 0071 - ECOC 2



Pressure Treated Wood Sill and Rim

T&S/DRT: Significant rot damage to rim and sill plate.



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*			
AVR.	THE WOOD		
K		<b>&gt;</b>	
4	351	S. S.	190
N. C. Contractions	SKI	ETCH	A CONTRACTOR

	VERT HIGH Seisinicity
	Address: 721 Cliff Dr.
	Santa Barbara, CA Zip: 93109
	Other Identifiers: Main Campus East 0072 (from 2018 Fusion Report)
	Building Name: International Education
	Use: Classroom
	Latitude: <u>34.40655</u> Longitude: <u>-119.69544</u>
	<b>S</b> <sub>8</sub> : <u>2.224</u> <b>S</b> <sub>1</sub> : <u>0.801</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 9:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2006 ☑ EST
	Total Floor Area (sq. ft.): 1,440 Code Year: 2004
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services   Historic   Shelter
	Industrial Office (School)
	Soil Type: □A □B □C □D □E □F ŪNK   Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
	Rock Rock Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/No(DNK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	☐ Plan (type)
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
_	Hazards:
-	Other:
_	COMMENTS: Single-story structure with light gage steel framed roof and walls supported on
	pressure treated wood on grade foundation system. Plywood sheathed light
	gage steel shearwall seismic system. Light gage corrugated steel sheathing
	for roof diaphragm.
	Site Conditions Observed:
	No observed signs of significant structural damage or deterioration.

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1 W1A W2 RM1 RM2 URM MH Do Not S1 S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (SW) Know (BR) (LM) (RC (URM (MRF (TU) (FD) (RD) Basic Score 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 NA 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 1.7 NA 17 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.5 0.5 0.3 0.3

FINAL LEVEL 1 SCORE, S<sub>L1</sub> ≥ S<sub>MIN</sub>:

1	.6	

		1.0		
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED		
Exterior: Partial All Sides Aerial Interior: None Visible AEritered Drawings Reviewed: Yes No Soil Type Source: DNK  Geologic Hazards Source: DNK  Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless St2 > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions  Detailed Nonstructural Evaluation Recommended? (check one)		
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No         Nonstructural hazards? $\square$ Yes $\square$ No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary No, no nonstructural hazards identified DNK		
Where information cannot be verified, sc	reener shall note the following: EST = Est	imated or unreliable data <u>OR</u> DNK = Do Not Know		

☐ Additional sketches or comments on separate page





Do Not

Know

0.7

0.7

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	VERT THOM Scioling
Address: 721 Cliff Dr.	
Santa Barbara, CA	<b>Zip:</b> 93109
Other Identifiers: Main Campus East	0078 (from 2018 Fusion Report)
Building Name: Shipping and Receivi	ng
Use: Classroom	
Latitude: 34.40486	Longitude: -119.69879
<b>S</b> s: <u>2.230</u>	<b>S</b> ₁: <u>0.802</u>
Screener(s): Sage Shingle/Dylan Tho	ompson <b>Date/Time:</b> <u>11.04.2022/9:30am</u>
	elow Grade: n/a Year Built: 2004 🛛 EST
Total Floor Area (sq. ft.): 1,920	Code Year: 2001
Additions: X None Yes, Year(s	) Built:
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter
Industrial Office	School Government
Utility Warehouse	Residential, # Units:
Soil Type: A B C Hard Avg Dense	Stiff Soft Poor If DNK, assume Type D.
Rock Rock Soil	Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/No	DNK Landslide: Yes No DNK Surf. Rupt.: Yes No DNK
Adjacency: Dounding D	Falling Hazards from Taller Adjacent Building
Irregularities:	verity)
☐ Plan (type)	
Exterior Falling  Unbraced Chimr	neys
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS:	and the effective of the description of the descrip
	e steel framed roof and walls supported on undation system. Plywood sheathed light
	m. Light gage corrugated steel sheathing
for roof diaphragm.	
Site Conditions Observed:	
Deterioration of the wood sill-on-gro	ound was observed.
∐	

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A RM1 RM2 URM MH W2 **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (SW) (URM (MRF (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 1.9 1.9 2.0 1.0 1.7 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.5 NA 1.4 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.3

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X Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>

1.0
1.6

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED			
Exterior:   Partial   X All Sides   Aerial   Interior:   None   Visible   X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building			
Drawings Reviewed:	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions			
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK			
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No         Nonstructural hazards?       Yes       X No	Significant damage/deterioration to the structural system				
Where information cannot be verified, sc	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know			

**PROJECT:** 220014 - SBCC Seismic Survey

DATE: 10/28/2022

**SUBJECT:** 0078 – Shipping and Receiving



Deterioration of Wood Sill-On-Ground



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Address: 721 Cliff Dr.
Santa Barbara, CA Zip: 93109
Other Identifiers: Main Campus East 0081 (from 2018 Fusion Report)
Building Name: Faculty Resource Center E
Use: Classroom
Latitude: 34.40486 Longitude: -119.69879
<b>S</b> s: <u>2.230</u> <b>S</b> 1: <u>0.802</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 11.04.2022/9:30am
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2004 ☐ EST
Total Floor Area (sq. ft.): 1,920 Code Year: 2001
Additions: X None Yes, Year(s) Built:
Occupancy: Assembly Commercial Emer. Services   Historic  Shelter
Industrial Office School Government
Utility Warehouse Residential, # Units:
Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
Rock Rock Soil Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK
Adjacency: Dounding Falling Hazards from Taller Adjacent Building
Irregularities:
☐ Plan (type)
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
Hazards: Parapets Appendages
Other:
COMMENTS:
Single-story structure with light gage steel framed roof and walls supported on pressure treated wood on grade foundation system. Plywood sheathed light
gage steel shearwall seismic system. Light gage corrugated steel sheathing
for roof diaphragm.
Site Conditions Observed:
No observed signs of significant structural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A W2 RM1 RM2 URM S1 S2 S3 **S4 S5** C1 C2 C3 PC1 PC2 MH (URM (MRF) (BR) (LM) (RC (SW) (URM (MRF (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 1.5 1.6 1.6 NA 0.5 1.1 1.1 NA 1.4 1.7 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

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Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE. S<sub>1.1</sub> ≥ S<sub>MIN</sub>:

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

1	.6	

: (= ===== : OOO:(=; OE) = OMM(:		1.0						
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED						
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  Detailed Nonstructural Evaluation Recommended? (check one)						
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	── Yes, nonstructural hazards identified that should be evaluated     ── No, nonstructural hazards exist that may require mitigation, but a     detailed evaluation is not necessary     ├── No, no nonstructural hazards identified						
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know								



	Address: 721 Cliff Dr.	
	Santa Barbara, CA	<b>Zip:</b> 93109
	Other Identifiers: Main Campus East 0082 (from 201	18 Fusion Report)
	Building Name: Security Office EC41	
	Use: Classroom	
	Latitude: 34.40486 Longitude:	-119.69879
	Ss: <u>2.230</u> S <sub>1</sub> : <u>0.802</u>	
	Screener(s): Sage Shingle/Dylan Thompson Date/Tir	ne: <u>11.04.2022/9:30am</u>
	No. Stories: Above Grade: 1 Below Grade: n/a	Year Built: 2004 ☐ EST
	Total Floor Area (sq. ft.): 1.920	Code Year: 2001
	Additions: X None Yes, Year(s) Built:	
	Occupancy: Assembly Commercial Emer. Services	
	Industrial Office School	Government
	Utility Warehouse Residential, # U	
_		Poor If DNK, assume Type D.
	Rock Rock Soil Soil Soil	Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Ye	es(No)DNK Surf. Rupt.: Yes(No)DNK
	Adjacency: Pounding Falling Hazards	from Taller Adjacent Building
	Irregularities:	
	☐ Plan (type)	
		eavy Cladding or Heavy Veneer
		ppendages
	Other:	
	COMMENTS:	roof and walls supported on
	Single-story structure with light gage steel framed pressure treated wood on grade foundation system	
	gage steel shearwall seismic system. Light gage c	orrugated steel sheathing
	for roof diaphragm.	
1	Site Conditions Observed:	
	No observed signs of significant structural damage	e or deterioration.

SKETCH Additional sketches or comments on separate page

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A PC2 RM1 RM2 URM MH W2 **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 (MRF) (URM (LM) (RC (MRF (SW) (TU) (URM (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.2 -0.3 -0.3 -0.3 -0.2 0.0 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 1.9 1.9 2.0 1.0 1.5 NA NA 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 1.7 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 NA -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0

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FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>

Do Not

Know

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THO ALL LEVEL TO GOTAL, GET = GMINA		1.0
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☒ Yes ☐ No  Soil Type Source: ☐NK  Geologic Hazards Source: ☐NK  Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         Yes, Final Level 2 Score, $S_{L2}$ X       No         Nonstructural hazards?       Yes       X       No	Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>
Where information cannot be verified, sc	reener shall note the following: EST = Est	imated or unreliable data <u>OR</u> DNK = Do Not Know



				V	ואב	піСі	1 3e	Sinic	ily				
Address: 721 CI	ff Dr.												
Santa	Barbara,	CA		<b>Zip</b> : 93109									
Other Identifiers:				85 (fror	n 2018	Fusior	n Repor	t)					
Building Name: 3		Restroo	ms										
Use: Restrooms													
Latitude: 34.404	92			_ongitud		<u> 19.696</u>	97						
Ss: 2.229	La Chinal	o/Dulon		S <sub>1</sub> : <u>0.8</u>		. 44.	24.0000	2/0.00					
Screener(s): Sag								2/9:00ar -					
	ove Grade		_ Belov	v Grade:	n/a		r Built:	1994	⊒ EST				
Total Floor Area (		1,030 ] Yes, Y	ear(s) B	uilt·		Coul	Year:	1991					
	ssembly	Comme		Emer. Se	ervices	Пн	istoric	☐ Shelt	er				
	dustrial	Office		School		_	overnmer	_					
U	tility	Wareho	use	Resident	ial, #Un	its:							
Soil Type:	_			_		-	NK	_	_				
Hard Rock	9	Dens Soi				oor <i>If</i> oil	DNK, ass	ите Туре	D.				
Geologic Hazards						-	Surf. Ru	upt.: Ye <b>√</b> l	No)DNK				
Adjacency:	Pr	ounding		alling Ha	azards fro	m Tallei	Adjacen	t Building					
Irregularities:	□ Ve	ertical (ty	oe/sever	ity)									
_	☐ PI	an (type)											
Exterior Falling	☐ Ui	nbraced (	Chimney	S	_	•	•	eavy Ver	ieer				
Hazards:		arapets			□ Арр	endages	3						
COMMENTS		ther:											
COMMENTS: Single-st	orv struc	ture wit	h wood	-frame	l roof a	nd wal	ls supp	orted or	n a				
slab-on-grade	foundatio	on syste	m. Ply	wood sl	neathe								
system. Plywo	od sheat	hing for	roof di	aphrag	m.								
Site Conditions	S Observ	ed:											
No observed s	igns of s	ignificar	nt struc	tural da	mage o	or dete	rioratior	٦.					
Additional sket													
, AND FINAL I					D00	DM4	DMC	UDM					
\$3 \$4 \$5 LM) (RC (URN	C1 (MRF)	<b>C2</b> (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН				
SW) INF) 1.6 1.4 1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1				
0.8 -0.7 -0.7		-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA				

SKETCH Additional sketches or commen

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SC

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
	Oo Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 4.0

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present  See Final Report for
Geologic Hazards Source: DNK Contact Person: Robert Morales	Falling hazards from taller adjacent building	Discussion & Conclusions  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, sci	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know





1	Address: 721 Cliff Dr.									
	Santa Barbar	a, CA	<b>Zip:</b> 93109							
ı	Other Identifiers: Main	Campus East 0086 (fro	om 2018 Fusion Report)							
ı	Building Name: Stadiur									
ı	Use: Concession									
ı	Latitude: 34.40493	Longit	ude: -119.69671							
ı	<b>S</b> s: 2.229	<b>S</b> <sub>1</sub> : 0	802							
	Screener(s): Sage Shir	ngle/Dylan Thompson <b>D</b>	Oate/Time: 11.04.2022/9:00am							
	No. Stories: Above Gra Total Floor Area (sq. ft.): Additions: X None	de: 1 Below Grade 460 Yes, Year(s) Built:	e: n/a							
Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:										
	Soil Type: A Hard Av	g Dense Stiff	□E □F ŪNK) Soft Poor <i>If DNK, assume Type D.</i> Soil Soil							
	Geologic Hazards: Lique	faction: Yes/NoONK)Land	slide: Yes No DNK Surf. Rupt.: Yes No DNK							
ı	Adjacency:	Pounding  Falling F	Hazards from Taller Adjacent Building							
	Irregularities:	Vertical (type/severity) Plan (type)								
	Exterior Falling Hazards:	Unbraced Chimneys Parapets Other:	☐ Heavy Cladding or Heavy Veneer☐ Appendages							
_	slab-on-grade founda		f and walls supported on a sheathed Wood shearwall seismic gm.							

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

☐ Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>\$2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	\$5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>	•	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : (4.0)

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:	Are There Hazards That Trigger A  Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)  ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub> ☒ No         Nonstructural hazards?       ☐ Yes       ☒ No	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	∇es, nonstructural hazards identified that should be evaluated     No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know





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VERT THOS COOMINGRY
Address: 721 Cliff Dr.
Santa Barbara, CA Zip: 93109
Other Identifiers: Main Campus East 0088 (from 2018 Fusion Report)
Building Name: East Campus Classroom 05
Use: Classroom
Latitude: 34.40552 Longitude: -119.69630
Ss: <u>2.227</u> S <sub>1</sub> : <u>0.801</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 7:30am
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☑ EST
Total Floor Area (sq. ft.): 960 Code Year: 2004
Additions: X None Yes, Year(s) Built:
Occupancy: Assembly Commercial Emer. Services   Historic  Shelter
Industrial Office School Government
Utility Warehouse Residential, # Units:
Soil Type:     A
Hard Avg Dense Stiff Soft Poor <i>If DNK, assume Type D.</i> Rock Rock Soil Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoONK Landslide: Yes(NoONK Surf. Rupt.: Yes(NoONK
Adjacency: Dounding Falling Hazards from Taller Adjacent Building
Irregularities:
☐ Plan (type)
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
Hazards: Parapets Appendages
Other:
COMMENTS:
Single-story structure with light gage steel framed roof and walls supported on pressure treated wood on grade foundation system. Plywood sheathed light
gage steel shearwall seismic system. Light gage corrugated steel sheathing
for roof diaphragm.
Site Conditions Observed:
No observed signs of significant structural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A W2 RM1 RM2 URM MH Do Not **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (SW) Know (URM (MRF (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.2 0.0 -0.3 -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 1.5 1.6 1.6 NA 0.5 1.1 11 NA 1.4 1.7 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

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☐ Additional sketches or comments on separate page

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FINAL LEVEL 1 SCORE, SL1 2 SMIN:		(1.6			
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED			
Exterior:   Partial   X All Sides   Aerial   Interior:   None   Visible   X Entered	Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building			
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales		☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions			
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No		Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK			
Where information cannot be verified, sci	reener shall note the following: EST = Est	imated or unreliable data <u>OR</u> DNK = Do Not Know			

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FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>





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	VERT THOS OCISIMORY
Address: 721 Cliff Dr.	
Santa Barbara, CA	<b>Zip:</b> 93109
Other Identifiers: Main Campus East	0089 (from 2018 Fusion Report)
Building Name: East Campus Classro	om 06
Use: Classroom	
Latitude: 34.40552	Longitude: -119.69630
<b>S</b> s: 2.227	<b>S</b> <sub>1</sub> : 0.801
Screener(s): Sage Shingle/Dylan Thor	mpson <b>Date/Time:</b> 10/21/2022 - 7:30am
No. Stories: Above Grade: 1 Bel	
Total Floor Area (sq. ft.): 960	Code Year: 2004
Additions: X None Yes, Year(s)	
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter
Industrial Office Utility Warehouse	School Government Residential, # Units:
, , , , , , , , , , , , , , , , , , ,	
Soil Type: A B C  Hard Avg Dense	□D □E □F ŪNK) Stiff Soft Poor If DNK, assume Type D.
Rock Rock Soil	Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDI	NK)Landslide: YesNoDNK Surf. Rupt.: YesNoDNK
Adjacency: Dounding D	Falling Hazards from Taller Adjacent Building
Irregularities:	erity)
☐ Plan (type)	
Exterior Falling Unbraced Chimne	eys
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS:	
	e steel framed roof and walls supported on ndation system. Plywood sheathed light
	n. Light gage corrugated steel sheathing
for roof diaphragm.	
Site Conditions Observed:	
No observed signs of significant stru	uctural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 Do Not W1 W1A W2 RM1 RM2 URM MH **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (MRF (SW) (URM (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.2 -0.3 -0.3 -0.2 0.0 -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 1.9 1.9 2.0 1.0 1.5 NA 1.7 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 NA -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0

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☐ Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		1.6
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales	Are There Hazards That Trigger A  Detailed Structural Evaluation?  ☐ Pounding potential (unless St₂ > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>
Where information cannot be verified, so	reener shall note the following: EST = Est	imated or unreliable data OR DNK = Do Not Know

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>



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SKETCH

Do Not

Know

0.7

Address: 721 Cliff Dr.							
Santa Barbara, CA Zip: 93109							
Other Identifiers: Main Campus East 0091 (from 2018 Fusion Report)							
Building Name: ECOC 4							
Use: Classroom							
Latitude: 34.40663	Longitude: <u>-119.69568</u>						
<b>S</b> s: <u>2.224</u>	<b>S</b> <sub>1</sub> : <u>0.801</u>						
Screener(s): Sage Shingle/Dylan	Thompson Date/Time: 10/21/2022 - 8:30am						
No. Stories: Above Grade: 1							
Total Floor Area (sq. ft.): 960	Code Year: 2004						
Additions: X None Yes, Ye							
Occupancy: Assembly Commercial							
Industrial Office Utility Warehous	School Government  Residential, # Units:						
•	, <u> </u>						
Soil Type: A B C  Hard Avg Dense	D E F ONK Stiff Soft Poor If DNK, assume Type D.						
Rock Rock Soil	Soil Soil Soil						
Geologic Hazards: Liquefaction: Yes/N	NoDNK Landslide: YesNoDNK Surf. Rupt.: YesNoDNK						
Adjacency: Dounding	☐ Falling Hazards from Taller Adjacent Building						
Irregularities:	e/severity)						
☐ Plan (type)	-						
Exterior Falling	, _ , , , ,						
Hazards: Parapets	☐ Appendages						
Other:							
COMMENTS: Single-story structure with light of	gage steel framed roof and walls supported on						
pressure treated wood on grade	foundation system. Plywood sheathed light						
	stem. Light gage corrugated steel sheathing						
for roof diaphragm.							
Site Conditions Observed:							

No observed signs of significant structural damage or deterioration.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A W2 RM1 RM2 URM MH **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (SW) (URM (MRF (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.3 -0.2 0.0 -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 1.5 1.6 1.6 NA 0.5 1.1 11 NA 1.4 1.7 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.20.0 NA

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Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE, S <sub>L1</sub> ≥ S <sub>MIN</sub> :		1.6
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: ☐NK Geologic Hazards Source: ☐NK Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless St2 > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No  Nonstructural hazards? ☐ Yes X No	Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK
Where information cannot be verified, sci	reener shall note the following: EST = Esti	imated or unreliable data <u>OR</u> DNK = Do Not Know

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FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

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Address: 721 Cliff Dr. **Zip**: 93109 Santa Barbara, CA Other Identifiers: Main Campus East 0092 (from 2018 Fusion Report) Building Name: ECOC 3 Use: Classroom Latitude: 34.40663 Longitude: -119 69568 2.224 **S**<sub>1</sub>: 0.801 Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 8:30am No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1993 ☑ EST Total Floor Area (sq. ft.): 960 Code Year: 1991 Additions: X None Yes, Year(s) Built: Assembly Commercial Emer. Services ☐ Historic ☐ Shelter Occupancy: Industrial Office (School) ☐ Government Utility Warehouse Residential, # Units: (DNK) Soil Type:  $\square$ A □В □F If DNK, assume Type D. Hard Avg Dense Stiff Soft Poor Rock Rock Soil Soil Soil Soil Geologic Hazards: Liquefaction: Yes/No/DNK Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK Pounding ☐ Falling Hazards from Taller Adjacent Building Adjacency: ☐ Vertical (type/severity) Irregularities: ☐ Plan (type) ☐ Unbraced Chimneys **Exterior Falling** ☐ Heavy Cladding or Heavy Veneer Hazards: Parapets ☐ Appendages ☐ Other: COMMENTS: Single-story structure with light gage steel framed roof and walls supported on pressure treated wood on grade foundation system. Plywood sheathed light gage steel shearwall seismic system. Light gage corrugated steel sheathing for roof diaphragm.

Site Conditions Observed: Wood sill-on-ground was o

Wood sill-on-ground was observed to be crushing and deteriorating. Additionally, crushing and warping at the joint of wall to floor framing was observed.

X Additional sketches or comments on separate page

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE Do Not W1 W1A W2 **S1 S2** S3 S4 **S5** C1 C.2 C3 PC1 PC2 RM1 RM<sub>2</sub> URM MH (URM (MRF) (BR) (LM) (RC (URM (MRF) (SW) (TU) (RD) Know (FD) SW) INF **Basic Score** 2 1 1.9 1.8 1.4 16 1.4 1.2 1.0 1.2 11 1.0 1.1 1.1 0.9 1.1 1.5 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.5 -0.4 -0.4 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -04 -0.4-0.4-0.3-0.3-0.4-0.4-0.4-0.4-0.3NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3-0.3 -0.3-0.3 -0.2-0.3 -0.2-0.1-0.1-0.20.0 -0.2 -0.1 -0.2-0.20.0 0.0 1.9 1.9 2.0 1.6 1.6 Post-Benchmark 10 11 15 NA 14 17 NA 15 17 NA 0.5 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2-0.1 -0.1 -0.2 0.0 -0.2-0.1 -0.2-0.2 0.0 -0.1 Soil Type E (> 3 stories) -04 -0.4-0.4-0.3 -0.3NA -0.3-0.1 -0.1 -0.3-0.1NA -0.1-0.2-0.20.0 NA

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

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eck one)	

1.0

 $\overline{1.1}$ 

<b>EXTENT</b>	OF	REVIEW	
		E Built	

Minimum Score, SMIN

Legend:

Exterior: Partial All Sides Aerial
Interior: None Visible Entered
Drawings Reviewed: Yes No
Soil Type Source: DNK

Geologic Hazards Source: DNK
Contact Person: Robert Morales

Robert Mor

### **LEVEL 2 SCREENING PERFORMED?**

### OTHER HAZARDS

0.5

0.5

0.5

0.5

0.3

Are There Hazards That Trigger A Detailed Structural Evaluation?

- Pounding potential (unless S<sub>L2</sub> > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F
  Significant damage/deterioration to
  the structural system

### **ACTION REQUIRED**

0.3

Detailed Structural Evaluation Required?

0.3

Yes, unknown FEMA building type or other building

0.2

0.2

0.3

Yes, score less than cut-off
Yes, other hazards present

See Final Report for Discussion & Conclusions

0.3

0.2

**Detailed Nonstructural Evaluation Recommended?** (check one)

- ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a
- detailed evaluation is not necessary

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

PROJECT: 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022 **SUBJECT:** 0092 - ECOC 3



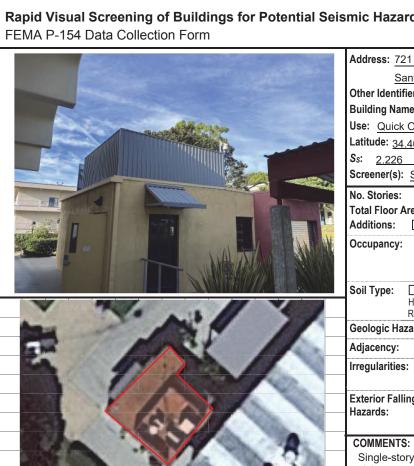
**T&S/DRT**: Crushing and deterioration of wood sill-on-ground

Pressure Treated Wood Sill-On-Ground



Wall Framing to Floor Framing Joint

T&S/DRT: Crushing and warping of joint



						VI	ERY	HIGH	1 Sei	ismic	city
Add	ress: <u>7</u> 2	21 Cliff	Dr.								
	<u>s</u>	anta Ba	arbara,	CA			Z	<b>ip</b> : 93	109		
Othe	er Identi	fiers: N	1ain Ca	mpus E	East 00	)93 (fro	m 2018	S Fusio	n Repo	rt)	
Build	ding Na	me: Ea	st Cam	ıpus Sr	nack Ba	ar					
Use:	Quick	COrder	Food S	Service							
Latit	ude: <u>3</u> 4	1.40611			ا	Longitu	de: <u>-1</u>	19.697	06		
Ss:	2.226	;			;	<b>S</b> 1: 0.8	301				
Scre	ener(s)	: Sage	Shingle	e/Dylar	Thom	pson <b>D</b> a	ate/Time	: 11.0	04.2022	2/9:00aı	m
No. S	Stories:	Abov	e Grade	: 1	Belov	v Grade	: n/a	Year	r Built:	1983 l	⊒ EST
Tota	l Floor	Area (so	ı. ft.): <u>5</u>	04				Code	Year:	1982	
Addi	itions:	X N	one 🗆	Yes, Y	ear(s) B	uilt:					
Оссі	upancy:	Asse	embly	Comme		Emer. S		☐ Hi	storic	☐ Shelf	er
			strial	Office		School		_	overnmer	nt	
		Utilit	у	Wareho	use	Residen	tial, #Un	its:			
Soil	Type:	□A	□В		_				NK)	-	_
		Hard Rock	Avg Rock	Den: Soi				oor <i>If i</i> oil	DNK, ass	ите Туре	D.
Geo	logic Ha								Surf. Ru	ıpt.: Ye <b>√</b>	No)DNK
Adja	cency:		Pc	unding		Falling Ha	azards fro	om Taller	Adjacen	t Building	
Irred	ularitie	s:	□ Ve	ertical (ty	pe/sever	ity)			-		
"			_	an (type)	•	-					
Exte	rior Fal	ling	☐ Ur	braced (	Chimney	S	☐ Hea	vy Clado	ding or H	eavy Ver	neer
Haza	ards:			rapets			□ Арр	endages	3		
			☐ Ot	her:							
	MMENT										
							and wa			on a n. Plywo	ood
	eathing			-	5111. VVO	ou sile	ai waii s	CISITIIC	System	i. Fiywc	Jou
	te Cond				nt etruc	tural da	ımage o	or datai	rioration	2	
-	00361	veu sig	113 01 31	griincai	ii sii uo	turar uc	image	Ji detei	loration	1.	
_											
	Additiona	al sketch	es or con	nmente c	n senar	ate nace					
	ND FIN										
S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	МН
(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)	. 02	(FD)	(RD)	0	
1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA

### **BASIC SCORE, MODIFIER** FEMA BUILDING TYPE Do Not W1 W1A W2 S1 S2 (MRF) (BR) Know Basic Score 2.1 1.9 1.8 1.5 1.4 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.2 -0.2 -0.3 -0.3 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 0.0 Pre-Code -0.3 -0.3 -0.2 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 NA 1.7 NA 1.5 1.7 1.6 1.6 NA 0.5 1.1 1.1 1.4 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 4.0

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No         Nonstructural hazards? $\square$ Yes $\square$ No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK

SW = Shear wall

**SKETCH** 





Do Not

Know

0.7

0.7

0.7

0.5

0.5

0.5

0.5

0.5

	Tarki in on colonilony	
Address: 721 Cliff Dr.		
Santa Barbara, CA	<b>Zip:</b> 93109	
Other Identifiers: Main Campus East 009	7 (from 2018 Fusion Report)	
Building Name: East Campus Classroom	04	
Use: Classroom		
Latitude: <u>34.40663</u> Lo	ngitude: <u>-119.69568</u>	
Ss: 2.224 S1:	0.801	
Screener(s): Sage Shingle/Dylan Thomps	on <b>Date/Time</b> : 10/21/2022 - 7:30am	
No. Stories: Above Grade: 1 Below C		
Total Floor Area (sq. ft.): 1.440	Code Year: 2004	
Additions: X None Yes, Year(s) Built		
Cocapanoy.	mer. Services	
	chool Government esidential, # Units:	
•	,	
Soil Type: A B C D  Hard Avg Dense Stiff		
Rock Rock Soil Soil	Soil Soil	
Geologic Hazards: Liquefaction: Yes/NoONK)	.andslide: YesNoDNK Surf. Rupt.: YesNoDNK	
Adjacency:	ling Hazards from Taller Adjacent Building	
Irregularities:		
☐ Plan (type)		
Exterior Falling	Heavy Cladding or Heavy Veneer	
Hazards: Parapets	☐ Appendages	
Other:		
COMMENTS:		
Single-story structure with light gage steel framed roof and walls supported on pressure treated wood on grade foundation system. Plywood sheathed light		
gage steel shearwall seismic system. Light gage corrugated steel sheathing		
for roof diaphragm.	-	
Site Conditions Observed:		
No observed signs of significant structure	ral damage or deterioration.	

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A W2 RM1 RM2 URM MH **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (MRF (SW) (URM (TU) (FD) (RD) 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.2 0.0 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 NA 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 1.7 NA 17 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.3

0.3

0.3

0.2

0.2

0.3

0.3

0.2

☐ Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

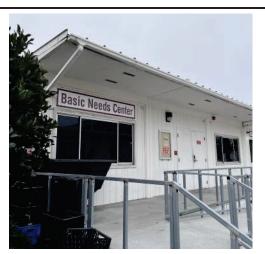
Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>

	1	.(	)	
<	1	.(	6	

THU TE ELTE I GOOTE, OLI E OMINI		1.0	
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED	
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☐ Yes ☒ No  Soil Type Source: DNK  Geologic Hazards Source: DNK  Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)	
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$	Geologic nazadas of Soil Type i Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary No, no nonstructural hazards identified DNK	
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know			



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	Eart Obricon Edit (27.00)n d (EGO) (34.00)		
	7 7		
	SKETCH		AS (59%)

	VERT THOS OCISINION		
	Address: 721 Cliff Dr.		
	Santa Barbara, CA Zip: 93109		
	Other Identifiers: Main Campus East 0098 (from 2018 Fusion Report)		
	Building Name: East Campus Classroom 14		
	Use: Classroom		
	Latitude: <u>34.40589</u> Longitude: <u>-119.69594</u>		
	Ss: <u>2.226</u> S <sub>1</sub> : <u>0.801</u>		
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/28/2022 - 8:00am		
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 🗵 EST		
	Total Floor Area (sq. ft.): 1.440 Code Year: 2004		
	Additions: X None Yes, Year(s) Built:		
	Occupancy: Assembly Commercial Emer. Services   Historic  Shelter		
	Industrial Office School Government		
	Utility Warehouse Residential, # Units:		
-	Soil Type: A B C D E F ONK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.		
L	Rock Rock Soil Soil Soil Soil		
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK		
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building		
William	Irregularities: Uertical (type/severity)		
ı	Plan (type)		
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer		
ì	Hazards: Parapets Appendages Other:		
	COMMENTS:		
	Single-story structure with light gage steel framed roof and walls supported on		
	pressure treated wood on grade foundation system. Plywood sheathed light		
ŀ	gage steel shearwall seismic system. Light gage corrugated steel sheathing for roof diaphragm.		
/	ιοι τουι αιαρτιταθιτί.		
	Site Conditions Observed:		
	No observed signs of significant structural damage or deterioration.		

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1 W1A W2 RM1 RM2 URM MH Do Not **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) Know (BR) (LM) (RC (URM (MRF (SW) (TU) (FD) (RD) Basic Score 2.1 1.9 1.8 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.5 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 11 1.5 NA 1.4 1.7 NA 17 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.5 0.5 0.3 0.3

Additional sketches or comments on separate page

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FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		(1.)	
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED	
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building	
Soil Type Source: DNK Geologic Hazards Source: DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions	
Contact Person: Robert Morales  LEVEL 2 SCREENING PERFORMED?	building Geologic hazards or Soil Type F Significant damage/deterioration to	Detailed Nonstructural Evaluation Recommended? (check one)  Yes, nonstructural hazards identified that should be evaluated	
$\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No Nonstructural hazards? $\square$ Yes $\square$ No	the structural system	No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified	
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know			
Legend: MRF = Moment-resisting frame RC = F	Reinforced concrete URM INF = Unreinfo	orced masonry infill MH = Manufactured Housing FD = Flexible diaphragm	

TU = Tilt up

SW = Shear wall





Address: 721 Cliff Dr.		
Santa Barbara, CA Zip: 93109		
Other Identifiers: Main Campus East 0099 (from 2018 Fusion Report)		
Building Name: East Campus Classroom 15		
Use: Classroom		
Latitude: <u>34.40581</u> Longitude: <u>-119.69603</u>		
Ss: <u>2.226</u> S <sub>1</sub> : <u>0.801</u>		
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/28/2022 - 8:00am		
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☒ EST		
Total Floor Area (sq. ft.): 1.440 Code Year: 2004		
Additions: X None Yes, Year(s) Built:		
Occupancy: Assembly Commercial Emer. Services  Historic  Shelter		
Industrial Office School Government Utility Warehouse Residential, # Units:		
Soil Type: A B C D E F ONK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.		
Rock Rock Soil Soil Soil		
Geologic Hazards: Liquefaction: Yes/No(DNK) Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK		
Adjacency: Pounding Falling Hazards from Taller Adjacent Building		
Irregularities:		
Plan (type)		
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer		
Hazards:		
COMMENTS:		
Single-story structure with light gage steel framed roof and walls supported on		
pressure treated wood on grade foundation system. Plywood sheathed light		
gage steel shearwall seismic system. Light gage corrugated steel sheathing		
for roof diaphragm.		
Site Conditions Observed:		
No observed signs of significant structural damage or deterioration.		

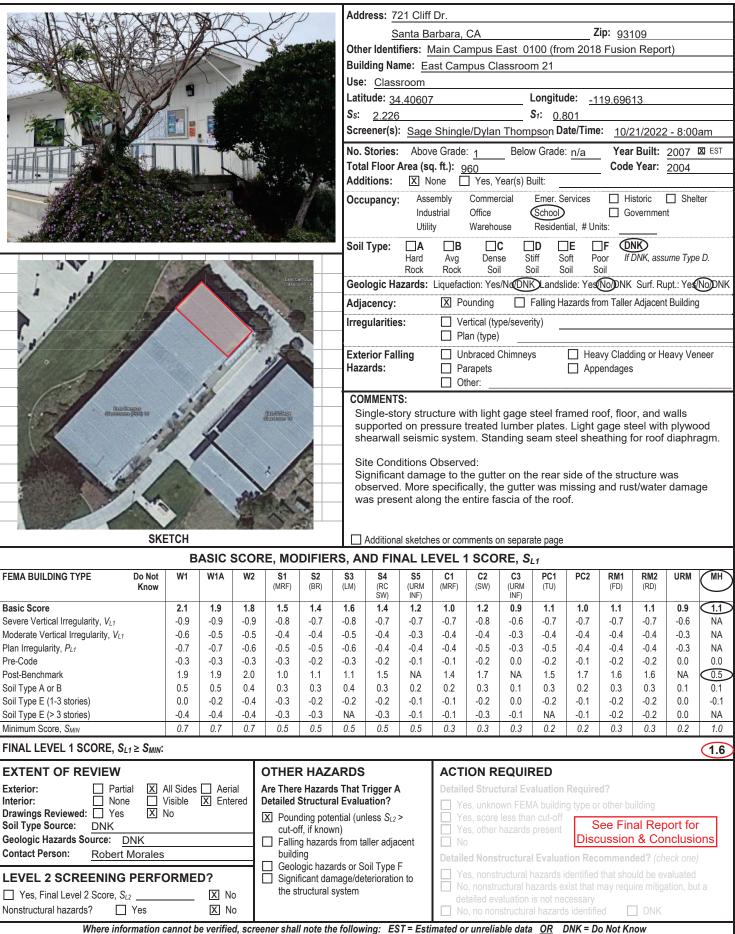
### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 Do Not FEMA BUILDING TYPE W1 W1A W2 PC2 RM1 RM2 URM MH **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 (LM) (SW) (URM (TU) (MRF) (BR) (RC (URM (MRF Know (FD) (RD) Basic Score 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.2 Pre-Code -0.3 -0.3 -0.3 -0.2 0.0 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 0.0 0.5 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 NA 1.7 NA 1.5 1.6 1.6 NA 1.1 1.1 1.4 17 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.2 0.0 NA -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.20.7 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.3

Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

1	.6	

, = , = , = ,			
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED	
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building	
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions	
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)	
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$	Significant damage/deterioration to the structural system	── Yes, nonstructural hazards identified that should be evaluated     ── No, nonstructural hazards exist that may require mitigation, but a     detailed evaluation is not necessary     ── No, no nonstructural hazards identified	
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know			





0.0

-0.4

0.7

-0.2

-0.4

0.7

-0.4

-0.4

0.7

-0.3

-0.3

0.5

-0.2

-0.3

0.5

-0.2

NA

0.5

		,	
	Address: 721 Cliff Dr.		
ı	Santa Barbara, CA	<b>Zip</b> : 93109	
ı	Other Identifiers: Main Campus East 0101 (from 201	8 Fusion Report)	
ı	Building Name: East Campus Classroom 20		
ı	Use: Classroom		
ı	Latitude: 34.40599 Longitude:	119.69622	
ı	Ss: <u>2.226</u> S1: <u>0.801</u>		
ı	Screener(s): Sage Shingle/Dylan Thompson Date/Tim	e: 10/21/2022 - 8:00am	
ı	No. Stories: Above Grade: 1 Below Grade: n/a	Year Built: 2007 ☑ EST	
ı	Total Floor Area (sq. ft.): 960	Code Year: 2004	
ı	Additions: X None Yes, Year(s) Built:		
ı	Occupancy: Assembly Commercial Emer. Services	☐ Historic ☐ Shelter	
ı	Industrial Office (School) Utility Warehouse Residential, # U	Government	
ı	, ···-		
+		Poor If DNK, assume Type D.	
4		Soil	
4	Geologic Hazards: Liquefaction: Yes/NoONK Landslide: Yes		
	Adjacency: Dounding Falling Hazards f	rom Taller Adjacent Building	
	Irregularities:		
ı	☐ Plan (type)		
	, , –	avy Cladding or Heavy Veneer	
Ī	Hazards: Parapets Ap	pendages	
1	COMMENTS:		
1	Single-story structure with light gage steel framed r	oof, floor, and walls	
1	supported on pressure treated lumber plates. Light		
-	shearwall seismic system. Standing seam steel she	eathing for roof diaphragm.	
4	Site Conditions Observed:		
4	Significant damage to the gutter on the rear side of the structure was observed. More specifically, the gutter was missing and rust/water damage		
	was present along the entire fascia of the roof.	and rust/water damage	
	Additional aleatahaa ay aanaanta ay aasaata		
4	Additional sketches or comments on separate page		

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE,  $S_{L1}$ FEMA BUILDING TYPE Do Not W1 W1A W2 RM1 RM2 URM MH **S1** S2 **S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (LM) (RC (SW) (RD) Know (URM (MRF (TU) (FD) Basic Score 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3 -0.3 -0.3 -0.2 -0.2 0.0 0.0 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 NA 1.7 NA 1.5 1.6 1.6 NA 0.5 1.1 1.1 1.4 17 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1

-0.2

-0.3

0.5

-0.1

-0.1

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-0.1

-0.1

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-0.3

0.3

0.0

-0.1

0.3

-0.2

NA

0.2

-0.1

-0.1

0.2

-0.2

-0.2

0.3

-0.2

-0.2

0.3

0.0

0.0

0.2

FINAL LEVEL 1 SCORE, S<sub>L1</sub> ≥ S<sub>MIN</sub>:

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, S<sub>MIN</sub>

١	Ţ	٠	0	

-0.1

NA

THO ALL LEVEL TO GOTAL, OLY - OMINA		1.0
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         Yes, Final Level 2 Score, $S_{L2}$ X       No         Nonstructural hazards?       Yes       X       No	Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>
Where information cannot be verified, sc	reener shall note the following: EST = Est	imated or unreliable data <u>OR</u> DNK = Do Not Know



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East Compus Cassindern 14
The second secon
(Experience) (ECH) 18 (EXPERIENCE) (ECH) (
SKETCH

	,
	Address: 721 Cliff Dr.
	Santa Barbara, CA Zip: 93109
	Other Identifiers: Main Campus East 0102 (from 2018 Fusion Report)
	Building Name: East Campus Classroom 19
	Use: Classroom
	Latitude: <u>34.40594</u> Longitude: <u>-119.69627</u>
	Ss: <u>2.226</u> S <sub>1</sub> : <u>0.801</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 8:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☑ EST
	Total Floor Area (sq. ft.): 960 Code Year: 2004
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government
	Utility Warehouse Residential, # Units:
	Soil Type:   B  C  D  E  F  ONK
	Hard Avg Dense Stiff Soft Poor <i>If DNK</i> , assume Type D. Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	☐ Plan (type)
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
_	Hazards: Parapets Appendages
٦	Other:
_	COMMENTS: Single-story structure with light gage steel framed roof, floor, and walls
	supported on pressure treated lumber plates. Light gage steel with plywood
	shearwall seismic system. Standing seam steel sheathing for roof diaphragm.
	Site Conditions Observed:
	Significant damage to the gutter on the rear side of the structure was
	observed. More specifically, the gutter was missing and rust/water damage
-	was present along the entire fascia of the roof.

☐ Additional sketches or comments on separate page

1		В	ASIC	SCOR	E, MC	DIFIE	RS, Al	ND FIN	IAL LE	EVEL 1	1 SCO	RE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	\$3 (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score. S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		1.6
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK Contact Person: Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless St2 > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No         Nonstructural hazards?       Yes       X No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, sc	reener shall note the following: EST = Esti	imated or unreliable data <u>OR</u> DNK = Do Not Know



							-171	11101	1 00	31111	city
Addı	ress: 7	21 Cliff	Dr.								
	<u>S</u>	anta Ba	arbara,	CA			Z	<b>ip</b> : <u>93</u>	109		
Othe	r Identi	fiers: N	1ain Ca	mpus E	East 0	103 (fro	m 2018	Fusio	n Repo	rt)	
Build	ding Na	<b>me</b> : <u>Е</u> а	st Cam	pus Cl	assroo	m 18					
Use:	Class	room									
Latit	ude: <u>34</u>	.40593			ا	Longitu	de: <u>-1</u>	19.696	28		
Ss:	2.226						301				
Scre	ener(s):	Sage	Shingle	e/Dylar	Thom	pson Da	ate/Time	: <u>10/2</u>	21/2022	2 <b>-</b> 8:00	am
	Stories:		e Grade	<del></del>	Belov	w Grade	∶ <u>n</u> /a		r Built:		X EST
			լ. ft.): <u>ջ</u>		( ( ) D	""		Code	Year:	2004	
	tions:	X No			ear(s) B						
Оссі	ıpancy:		embly strial	Comme Office		Emer. Sochool		Hi	istoric overnmer	☐ Shel	ter
		Utilit		Wareho		$\overline{}$	tial, #Un	_	ovennilei	ıı	
Soil	Type:	ПА	, □B						NK)		
3011	rype.	Hard	Avg	Den:					DNK, ass	ите Туре	e D.
L		Rock	Rock	Soi				oil			
Geol	ogic Ha	zards:	Liquefac	tion: Yes	/No(DN	Landsl	ide: Yes	No/DNK	Surf. Ru	upt.: Ye <b>€</b>	No)DNK
Adja	cency:			unding			azards fro	m Taller	Adjacen	t Building	)
Irreg	ularitie	s:			pe/sever	ity)					
				an (type)							
Exte Haza	rior Fall	ling			Chimney	S			ding or H	eavy Ve	neer
наха	ıras:			rapets her:			□ Арр	endages	3		
COL	MENT	S.									
			cture w	ith light	t gage s	steel fra	amed ro	of, floc	or, and v	walls	
su	pported	d on pre	essure 1	reated	lumbe	r plates	. Light o	gage st	eel with	n plywo	
sh	earwall	seismi	c syste	m. Sta	nding s	eam st	eel shea	athing 1	for roof	diaphr	agm.
Sit	e Cond	ditions (	Observe	ed:							
							side of t				
			specilic ng the e				nissing : of	and rus	si/water	dama	ge
"	ю р. оо		.9								
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			es or con								
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S3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	C2 (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
` ,	ŚW)	ÌNF)	` ,	. ,	ÌNF)	` ′		` '	` ′		
<b>1.6</b> -0.8	<b>1.4</b> -0.7	<b>1.2</b> -0.7	<b>1.0</b> -0.7	<b>1.2</b> -0.8	0.9	1.1 0.7	1.0	1.1 0.7	1.1 -0.7	0.9	$\underbrace{1.1}_{NIA}$

### **BASIC SCORE, MODIFIER** FEMA BUILDING TYPE Do Not W1 W1A W2 **S1 S2** (MRF) (BR) Know **Basic Score** 2.1 1.8 1.4 1.9 1.5 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3-0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2-0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.0 0.5 Post-Benchmark 15 NA 14 17 NA 15 17 16 1.6 NA 11 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4 -0.4 -0.3 -0.3NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 1.0 Minimum Score, SMIN 0.5 0.5 0.5 0.3 0.3 0.3 0.2 0.2 0.3 0.2

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

eport for	
onclusions	
check one)	
evaluated	
igation, but a	

1.6

Interior:	None	☐ Visible	X Entered	
<b>Drawings Reviewed:</b>	☐ Yes	X No		
Soil Type Source:	DNK			
Geologic Hazards Sc	urce: DNk	(		П

☐ Partial X All Sides ☐ Aerial

**Contact Person:** Robert Morales

## LEVEL 2 SCREENING PERFORMED?

Yes, Final Level 2 Score, S<sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No

### OTHER HAZARDS

Are There Hazards That Trigger A Detailed Structural Evaluation?

- ☐ Pounding potential (unless S<sub>L2</sub> > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system

### **ACTION REQUIRED**

See Final Re Discussion & C

Detailed Nonstructural Evaluation Recommended? (

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

Exterior:



. 4	/ /		East Campus Cassicom 14
A 8"			Glass room: (4)
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			4
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		X	
1	NO 1		1 /
	6		
		20	A A
		1	0,0

W1

Do Not

Know

	1=111 1
	Address: 721 Cliff Dr.
	Santa Barbara, CA Zip: 93109
	Other Identifiers: Main Campus East 0104 (from 2018 Fusion Report)
	Building Name: East Campus Classroom 17
	Use: Classroom
	Latitude: 34.40587 Longitude: -119.69636
	Ss: <u>2.226</u> S <sub>1</sub> : <u>0.801</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 8:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☑ EST
	Total Floor Area (sq. ft.): 960 Code Year: 2004
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services   Historic  Shelter
	Industrial Office School Government
	Utility Warehouse Residential, # Units:
4	Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
	Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	Plan (type)
	Exterior Falling  Unbraced Chimneys  Heavy Cladding or Heavy Veneer
_	Hazards: Parapets Appendages
١	Other:
-	COMMENTS: Single steps structure with light gage steel framed roof floor, and wells
	Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates. Light gage steel with plywood
	shearwall seismic system. Standing seam steel sheathing for roof diaphragm.
	Site Conditions Observed:
	Significant damage to the gutter on the rear side of the structure was
-	observed. More specifically, the gutter was missing and rust/water damage

Additional sketches or comments on separate page BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1A RM1 RM2 URM MH W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 (URM (MRF) (BR) (LM) (RC (SW) (URM (MRF (TU) (FD) (RD) 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA

was present along the entire fascia of the roof.

Basic Score 2.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 Plan Irregularity, PL1 -0.7 Pre-Code -0.2 0.0 -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 1.5 1.6 1.6 NA 0.5 1.1 11 NA 1.4 1.7 NA 17 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 NA Soil Type E (> 3 stories) -0.4-0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.5 0.5 0.3 0.3

FINAL LEVEL 1 SCORE, S<sub>L1</sub> ≥ S<sub>MIN</sub>:

FEMA BUILDING TYPE

|--|

: := === : 000:t=; 0E; = 0###		1.0					
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED					
Exterior:       □ Partial       X All Sides       □ Aerial         Interior:       □ None       □ Visible       X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building					
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions					
Contact Person: Robert Morales	building  Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)					
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X       No         Nonstructural hazards?       Yes       X       No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK					
Where information cannot be verified, scr	Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know						



W1

2.1

-0.9

-0.6

-0.7

-0.3

1.9

0.5

0.0

-0.4

0.7

X No

X No

Do Not

Know

0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.3	0.3	0.2	1.0
	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.5	0.5	0.2	1.0
-0.4	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.0	
1 -0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
0.5	0.4 -0.4	0.3 -0.3	0.3 -0.2	0.4 -0.2	0.3 -0.2	0.2 -0.1	0.2 -0.1	0.3 -0.2	0.1	0.3 -0.2	0.2 -0.1	0.3 -0.2	0.3 -0.2	0.1 0.0	0.1 -0.1
1.9	2.0	1.0	1.1	1.1	1.5	NA 0.2	1.4	1.7	NA 0.1	1.5	1.7	1.6	1.6	NA 0.1	0.5
-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
7 -0.7	-0.6	-0.4	-0.4	-0.6	-0.4	-0.3	-0.4	-0.4	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
-0.9 -0.5	-0.9 -0.5	-0.8 -0.4	-0.7 -0.4	-0.8 -0.5	-0.7 -0.4	-0.7 -0.3	-0.7 -0.4	-0.8 -0.4	-0.6 -0.3	-0.7 -0.4	-0.7 -0.4	-0.7 -0.4	-0.7 -0.4	-0.6 -0.3	NA NA
1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	\$4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
BASIC	SCOR	E, MO	DIFIE	RS, AI	ND FIN	IAL LE	VEL '	1 SCO	RE, S	<u></u>					
		-	and the		<u>Addi</u> tiona	al sketch	es or cor	nments c	n separa	ate page					
	1			Wa	as pres	ent aloi	ng the e	entire fa	iscia of	ine roo	DT.				
	her			ob	served	l. More	specific	cally, th	e gutte	r was n	nissing				ge
	/	2					Observ	ed: he gutte	ar on th	e rear (	side of	the etri	icture v	126	
X				sh	earwal	l seism	ic syste	m. Sta	nding s	eam st	eel she	athing 1	for roof	diaphr	agm.
1		epinemine epinemine		- su	pporte	d on pr	essure	treated	lumbe	plates	. Light	gage st	eel with	n plywc	
1	1	(Busiling) ee		_	MMENT		cture 14	ith ligh	anen t	steel fro	med ro	of floo	or and	walle	
1.6	1							ther:			rr	- 5			
6		3//			rior Fal ards:	ling		nbraced ( arapets	Chimney	S	<ul><li>☐ Hea</li><li>☐ App</li></ul>	•	ding or H s	eavy Ve	neer
	1	4						an (type)				C: :	P		
	1				jularitie			ertical (ty							
	13	1	E <sub>1</sub>		cency:			ounding					Adjacen		
A	The same	East C	empus som 14	Geo	logic Ha	Rock azards:	Rock Liquefac	Soi ction: Yes				oil No/DNK	Surf. Rı	ye.€	NoDNI
			355		Type:	□ <b>A</b> Hard	<b>□B</b> Avg	Den:	se St	iff S	oft Po	oor <i>If</i>	DNK, ass	ите Тур	e D.
				Soil	Tunos	Utili	·	Wareho			tial, #Un 1⊏ ⊏		NK)		
		D.			apancy.	Indu	ıstrial	Office	(	School		G	overnmer	_	
			1		itions: upancy:		one L embly	Yes, \		uilt: Emer. S	ervices	Пн	istoric	☐ She	Iter
							q. ft.): g		/00r/0\ D	ı ilt-		Code	Year:	2004	
								: <u>1</u>	Belov	v Grade	n/a	_	r Built:		X EST
7.4				Scre			Shingl	e/Dylar				: 10/2	21/2022	2 - 8:00	am
	-			Ss:	2.226					S <sub>1</sub> : <u>0.8</u>		19.090	41		
					Class	sroom 1.40581				_ongitu	de: _1	19.696	<i>1</i> 1		
	1		8				ast Can	npus Cl	assroo	n 16					
<u> </u>	///		Man		Other Identifiers: Main Campus East 0105 (from 2018 Fusion Report)										
					<u>s</u>	anta Ba	arbara,	CA			Z	i <b>p:</b> 93	109		
				Add	Address: 721 Cliff Dr.										
				Add	ress: 7	21 Cliff	Dr.								

Minimum Score, S<sub>MIN</sub> FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, V<sub>L1</sub>

Basic Score

Pre-Code

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Yes, Final Level 2 Score, S<sub>L2</sub>

Nonstructural hazards?

EXTENT OF RI	EVIEW				
Exterior: Interior:	☐ Partial ☐ None	<ul><li>X All Sides ☐ Aerial</li><li>☐ Visible X Entered</li></ul>			
Drawings Reviewed Soil Type Source:		X No			
Geologic Hazards S	ource: DNI	<			
Contact Person:	Robert Mo	rales			
LEVEL 2 SCREENING PERFORMED?					

☐ Yes

### OTHER HAZ

Are There Hazards That Trigger A **Detailed Structural Evaluation?** 

- $\boxtimes$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- ☐ Falling hazards from taller adjacent building
- ☐ Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system

- See Final Report for

**Detailed Nonstructural Evaluation Recommended?** (check one)

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

Discussion & Conclusions



						V	=KY	HIGH	1 <b>5</b> el	smic	city
Add	ress: <u>7</u>	21 Cliff	Dr.								
	Santa Barbara, CA Zip: 93109										
Othe	er Identi	fiers: N	/lain Ca	ımpus l	East 0	112 (fro	m 2018	3 Fusio	n Repo	rt)	
Build	ding Na	me: Ho	orticultu	re Gree	enhous	е					
Use:	Gree	nhouse	!								
Latit	ude: 34	1.40605	, )			Longitu	de: <u>-1</u>	19.695	06		
Ss:	2.225	i				<b>S</b> 1: 0.8	301				
Scre	ener(s)	: Sage	Shingle	e/Dylar	Thom	pson <b>D</b> a	ate/Time	: <u>10.2</u>	21.2022	2/8:30aı	m
No.	Stories:	Abov	e Grade	: 1	Belov	v Grade	: n/a	Yea	r Built:	1983 l	X EST
			ı. ft.): <u>5</u>					Code	Year:	1982	
Add	itions:	X N	one 🗆	Yes, \	ear(s) B	uilt:					
Осс	upancy:		embly	Comme		Emer. S		☐ Hi		☐ Shelf	ter
			strial	Office		School		_	overnmer	nt	
		Utilit	,	Wareho			tial, #Un				
Soil	Type:	<b>□A</b> Hard	<b>□B</b> Avg	☐( Den:	_				NK)	ите Туре	ח
		Rock	Rock	Soi				oil	DIVIC, GOO	ито туро	ъ.
Geologic Hazards: Liquefaction: Yes/No/DNK)Landslide: (es/No/DNK Surf. Rupt.: Yes/No/DNK											
Adjacency: Dounding Falling Hazards from Taller Adjacent Building											
Irreg	Irregularities:										
1 ]	☐ Plan (type)										
Exte	rior Fal	ling	☐ Ur	braced (	Chimney	S	☐ Hea	vy Clado	ding or H	eavy Ver	neer
Haza	ards:			rapets			☐ App	endages	3		
-			∐ Ot	her:							
	MMENT		oturo w	ith liab	+ 0000	ataal fra	amad ra	of and	wollo o	upporte	nd on
										upporte system.	
			l bracin								
Si	te Cond	ditions (	Observe	aq.							
			ns of si		nt struc	tural da	mage o	or dete	rioratior	٦.	
1											
	Additiona	al sketche	es or con	nments c	n separa	ate page					
S, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>											
S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	MH
(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)		
1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
-0.8 -0.5	-0.7 -0.4	-0.7 -0.3	-0.7 -0.4	-0.8 -0.4	-0.6 -0.3	-0.7 -0.4	-0.7 -0.4	-0.7 -0.4	-0.7 -0.4	-0.6 -0.3	NA NA
-0.5 -0.6	-0.4 -0.4	-0.3 -0.4	-0.4 -0.4	-0.4 -0.5	-0.3 -0.3	-0.4 -0.5	-0.4	-0.4	-0.4	-0.3	NA NA
0.0	0.7	0.4	0.4	0.0	0.0	0.0	0.4	0.7	0.7	0.0	0.0

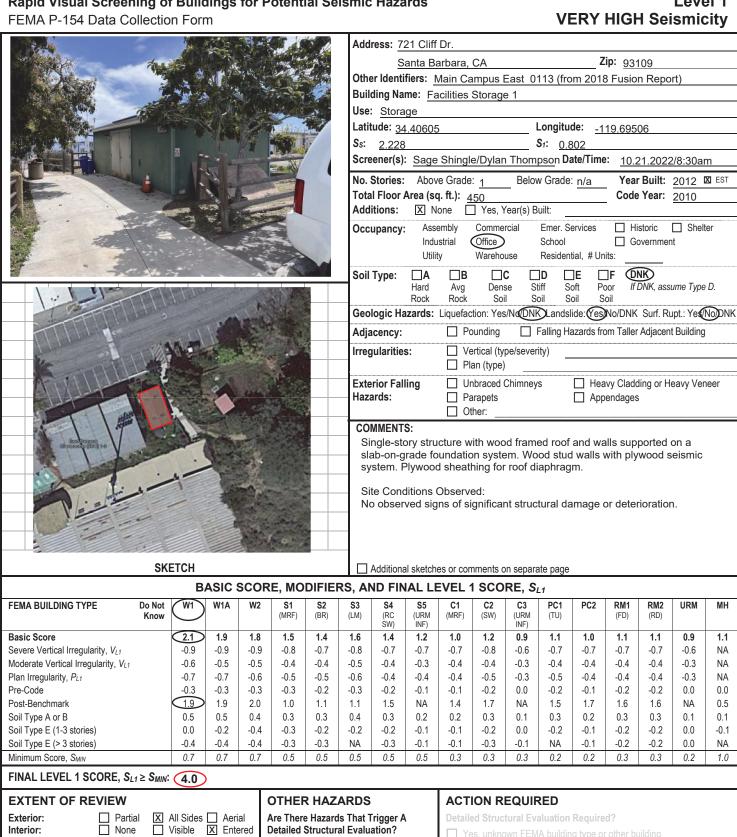
**BASIC SCORE, MODIFIER** Do Not FEMA BUILDING TYPE W1 W1A W2 **S1** S2 (MRF) (BR) Know Basic Score 2.1 1.9 1.8 1.5 1.4 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.3 -0.3 Pre-Code -0.3 -0.3 -0.2 -0.3 -0.1 0.0 -0.2 -0.2 0.0 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.6 1.6 NA 0.5 1.1 1.5 NA 1.4 1.7 NA 1.5 1.7 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4 Soil Type E (> 3 stories) -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.3 0.2 0.2 0.3 0.3 0.2 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.3 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

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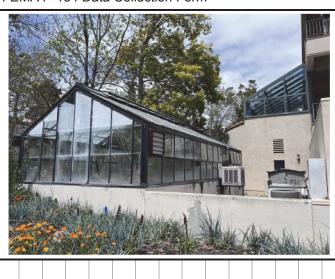
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed: ☑ Yes ☐ No Soil Type Source: ☐NK Geologic Hazards Source: ☐NK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?         Yes, Final Level 2 Score, $S_{L2}$ X       No         Nonstructural hazards?       Yes       X       No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, sc	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know

BR = Braced frame



EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed:       ☑ Yes       □ No         Soil Type Source:       DNK         Geologic Hazards Source:       DNK         Contact Person:       Robert Morales	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     Falling hazards from taller adjacent building	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?         Yes, Final Level 2 Score, $S_{L2}$ X       No         Nonstructural hazards?       Yes       X       No	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK				

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



VERY HIGH Seismicity							
Address: 721 Cliff Dr.							
Santa Barbara, CA Zip: 93109							
Other Identifiers: Main Campus East 0114 (from 2018 Fusion Report)							
Building Name: Earth Bio Greenhouse							
Use: Greenhouse							
Latitude: <u>34.40548</u> Longitude: <u>-119.69798</u>							
Ss: 2.228 S1: 0.801							
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10.21.2022/8:30am							
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1996 🖾 EST							
Total Floor Area (sq. ft.):         460         Code Year:         1994           Additions:         ☒ None         ☒ Yes, Year(s) Built:							
Occupancy: Assembly Commercial Emer. Services   Historic   Shelter   Industrial Office   Government							
Utility Warehouse Residential, # Units:							
Soil Type: □A □B □C □D □E □F ᡚK							
Hard Avg Dense Stiff Soft Poor <i>If DNK, assume Type D.</i> Rock Rock Soil Soil Soil Soil							
Geologic Hazards: Liquefaction: Yes/No/DNK Landslide: (Yes/No/DNK Surf. Rupt.: Yes/No/DNK							
Adjacency: Pounding Falling Hazards from Taller Adjacent Building							
Irregularities: Vertical (type/severity)							
☐ Plan (type)							
Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer							
Hazards:   Parapets  Appendages							
Other:							
COMMENTS:							
Single-story structure with aluminum framed roof and walls supported on a slab-on-grade and stemwall foundation system. Steel tension cable x-bracing							
seismic system. Corrugated plastic sheathing for roof diaphragm.							
Site Conditions Observed:							
No observed signs of significant structural damage or deterioration.							
_							
Additional sketches or comments on separate page							
S, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>							
\$3							
SW)   INF)   INF)     INF)							
1.0 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1							

**BASIC SCORE, MODIFIERS** 

					,		,					, ,						
	o Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, PL1		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

(	1	.5	

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: ☐ DNK Geologic Hazards Source: ☐ DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No
Contact Person: Robert Morales	building ,	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No         Nonstructural hazards? $\square$ Yes $\square$ No	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a     detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK



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			VERT The ocionnoity						
	Address: 721 Cliff Dr.								
	Santa Ba	arbara, CA	<b>Zip</b> : 93109						
	Other Identifiers: N	∕ain Campus East 01	122 (from 2018 Fusion Report)						
	Building Name: ECC Purchasing RR								
	Use: Restroom								
	Latitude: 34.40497	,	Longitude: <u>-119.69884</u>						
	<b>S</b> s: <u>2.230</u>		<b>S</b> <sub>1</sub> : <u>0.802</u>						
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 10/21/2022 - 8:00am								
		ve Grade: 1 Belov							
	Total Floor Area (so		Code Year: 2001						
	Additions: X None Yes, Year(s) Built:								
		embly Commercial	Emer. Services						
			School Government						
	Utilii		Residential, # Units:						
	Soil Type:   Hard		]D						
	Rock	9	oil Soil Soil						
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK								
	Adjacency:	■ Pounding    ■    □	Falling Hazards from Taller Adjacent Building						
	Irregularities:	☐ Vertical (type/sever	ity)						
		☐ Plan (type)							
Exterior Falling		Unbraced Chimney							
	Hazards:	Parapets	☐ Appendages						
	COMMENTS	Other:							
_	COMMENTS:	ecture with light gage	stool framed roof floor, and walls						
	Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates. Light gage steel with plywood								

shearwall seismic system. Standing seam steel sheathing for roof diaphragm.

Site Conditions Observed:

Significant damage to the gutter on the rear side of the structure was observed. Rust/water damage was present along the entire fascia of the roof.

X Additional sketches or comments on separate page

# BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1

FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

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EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED				
Exterior:     □ Partial     ☒ All Sides     □ Aerial       Interior:     □ None     □ Visible     ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building				
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK	Pounding potential (unless $S_{L2}$ > cut-off, if known)	Yes, score less than cut-off Yes, other hazards present See Final Report for				
Contact Person: Robert Morales	☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)				
LEVEL 2 SCREENING PERFORMED?	Significant damage/deterioration to	Yes, nonstructural hazards identified that should be evaluated No, nonstructural hazards exist that may require mitigation, but a				
$\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No Nonstructural hazards? $\square$ Yes $\square$ No	the structural system	detailed evaluation is not necessary  No, no nonstructural hazards identified DNK				
Where information cannot be verified, sc	reener shall note the following: FST = Fst	imated or unreliable data OR DNK = Do Not Know				

**DATE:** 10/28/2022

**SUBJECT:** 0122 – ECC Purchasing RR



Significant Damage to Gutter

10/28/2022 - 8:00am

**Zip**: 93109

Longitude: -119.69612

**S**<sub>1</sub>: 0.801



				Below Gra	de: <u>n/a</u>	-	: 2007 ☒ EST
HITTING	Total Floor A					Code Year	2004
	Additions:	X None	Yes, Yea				
	Occupancy:		,		. Services	Historic	Shelter
		Industria Utility	al Office Warehouse	School Resid	lential, #Un	Governm	ent
	Soil Type:	Hard A	B C Avg Dense Rock Soil	□ <b>D</b> Stiff Soil	Soft Po	F ONK oor If DNK, as oil	ssume Type D.
East Garriers	Geologic Ha	zards: Liqu	uefaction: Yes/N	oONK)Lan	dslide: Yes	No/DNK Surf.	Rupt.: Ye NoDNK
Canada	Adjacency:		Pounding	☐ Falling	Hazards fro	om Taller Adjace	ent Building
	Irregularities	s: [	Vertical (type	/severity)			
Bary to Bary t			Plan (type)				
	Exterior Fall	ing 🗀	Unbraced Ch	imneys			Heavy Veneer
	Hazards:		Parapets Other:		App	endages	
	COMMENTS	S:					
	pressure f	treated wo I shearwa	re with light g ood on grade Ill seismic sys	foundatio	n system.	Plywood she	
G(0)(5-3)		ion of the	served: wood sill-on- was observed	_	l deteriora	ation of a wo	od blockout
SKETCH	X Additiona	I sketches of	r comments on	separate pa	ge		

Address: 721 Cliff Dr.

Use: Restrooms Latitude: 34.40576

**S**s: 2.226

Santa Barbara, CA

Building Name: East Campus Classroom RR

Screener(s): Sage Shingle/Dylan Thompson Date/Time:

Other Identifiers: Main Campus East 0123 (from 2018 Fusion Report)

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1																		
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	10

FINAL LEVEL 1 SCODE S. . . School

C	1.	. •

THEAL LLVLL TOOOKL, OLT 2 OMIN.		1.0							
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED							
Exterior:   Partial   X All Sides   Aerial   Interior:   None   Visible   X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building							
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK Geologic Hazards Source: DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions							
Contact Person: Robert Morales  LEVEL 2 SCREENING PERFORMED?	building Geologic hazards or Soil Type F Significant damage/deterioration to	Detailed Nonstructural Evaluation Recommended? (check one)  Yes, nonstructural hazards identified that should be evaluated No, nonstructural hazards exist that may require mitigation, but a							
☐ Yes, Final Level 2 Score, S <sub>L2</sub> X       No         Nonstructural hazards?       ☐ Yes       X       No	the structural system	detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK							
Where information cannot be verified, sc	Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know								

**DATE:** 10/28/2022 **SUBJECT:** 0123 – ECC RR



T&S/DRT: Rot and deterioration of wood sill-on-ground

Wood Sill-On-Ground



Wood Blockout for Sewage Drainage



Address: 310 W. Padre St., Santa Barbara Ca
<b>Zip:</b> 93105
Other Identifiers: Schott Campus 0035.0 (from 2018 Fusion Report)
Building Name: Schott Center Main - Rooms 1&2
Use: Student Services
Latitude: <u>34.42842</u> Longitude: <u>-119.72034</u>
Ss: <u>2.221</u> S1: <u>0.797</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 08.24.2022/12:00pm
No. Stories: Above Grade: 2 Below Grade: n/a Year Built: 1935 ☐ EST
Total Floor Area (sq. ft.): 20.072 Code Year: 1927
Additions: ☐ None ☒ Yes, Year(s) Built: 1985
Occupancy: Assembly Commercial Emer. Services  Historic  Shelter
Industrial Office School Government Utility Warehouse Residential. # Units:
Soil Type:   A
Rock Rock Soil Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
Adjacency: Pounding Falling Hazards from Taller Adjacent Building
Irregularities:
X Plan (type) Reentrant Corner
Exterior Falling   Unbraced Chimneys Heavy Cladding or Heavy Veneer
Hazards:   Parapets  Appendages
Other:
COMMENTS: Single story attricture with wood framed trusped roof and wood framed wells
Single-story structure with wood-framed trussed roof and wood-framed walls supported on a conventional concrete foundation system with areas of
wood-framed raised floor and areas of slab-on-grade construction. Wood
shearwall seismic system, with diagonal sheathing for shear resistance. 1x diagonal sheathing is used for the roof diaphragm.
ulayonal sheathing is used for the root diaphragm.
Site Conditions Observed:

Unbraced masonry chimney occurs at the south-east corner of the building.

**SKETCH** 

X Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	(1.8)	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, $V_{L1}$		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	<u>-0.3</u>	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

Minimum Score, S <sub>MIN</sub>	0.7 0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		0.9	)													
	Visible 🗵 E No	erial intered	☐ Fallir build	re Hazaro Structur nding pot off, if known ng hazaro ling	ds That aral Evaluential (urwn) ds from ta	Trigger A lation? nless S <sub>L2</sub> aller adja	> cent	Detaile	es, unkno es, score es, other	tural Evown FEM less that hazards	aluation IA buildir n cut-off present	ng type of S Disc	r other b See Fir cussion	uilding nal Rep n & Co ded? (ch	nclusio	ons
LEVEL 2 SCREENING PERFO ☐ Yes, Final Level 2 Score, S <sub>L2</sub> ☐ Yes  Where information of	No No <b>fied. scr</b>	Sign the s	ificant da structural	mage/de system	ioil Type terioration	n to	☐ No	o, nonstr tailed ev o, no nor	uctural h aluation structura	azards e is not ne al hazard	xist that i cessary	may requed	ould be evalure mitigation		la	
Legend: MRF = Moment-resi	isting frame	RC = R	einforced co	ncrete		IRM INF :	Unreinfo	rced maso	nry infill	MH	= Manufa	ctured Ho	usina F	D = Flexib	e dianhra	am

**DATE:** 08/24/2022

**SUBJECT:** 35.0 - Schott Center



T&S/DRT: Unbraced masonry chimney

East Corner of Structure

#### Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA P-154 Data Collection Form

# Level 2 (Optional) VERY HIGH Seismicity

Optional Level 2 data collection to be performed by a civil or structural engineering professional, architect, or graduate student with background in seismic evaluation or design of buildings.

Bldg Name: Schott Center (Schott 0035.0)	Final Level 1 Score:	$S_{L1} = 0.9$	(do not consider $S_{MIN}$ )
Screener: Sage Shingle/Dylan Thompson	Level 1 Irregularity Modifiers:	Vertical Irregularity, $V_{L1} = n/a$	Plan Irregularity, $P_{L1} = -0.6$
Date/Time: 08.24.2022   9:00 AM	ADJUSTED BASELINE SCORE:	$S' = (S_{L1} - V_{L1} - P_{L1}) = 1.5$	

Topic	Statement (	If statement is true, circle the "Yes" mod	difier; otherwise cross out the modifier.)	Yes	Subtotals						
Vertical	Sloping		ory grade change from one side of the building to the other.	-0.9							
Irregularity, V <sub>L2</sub>	Site		full story grade change from one side of the building to the other.	-0.2							
	Weak		d cripple wall is visible in the crawl space.	-0.5							
	and/or		an occupied story, there is a garage opening without a steel moment frame,								
	Soft Story		d there is less than 8' of wall on the same line (for multiple occupied floors above, use 16' of wall minimum).								
	(circle one maximum)		openings at the ground story (such as for parking) over at least 50% of the	-0.9							
		Non-W1 building: Length of lateral sy	Non-W1 building: Length of lateral system at any story is less than 50% of that at story above or height of any								
		story is more than 2.0 times the heigh		-0.7							
		Non-W1 building: Length of lateral system at any story is between 50% and 75% of that at story above or height of any story is between 1.3 and 2.0 times the height of the story above.									
	Setback		m at an upper story are outboard of those at the story below causing the								
		diaphragm to cantilever at the offset.		-0.7							
			n at upper stories are inboard of those at lower stories.	-0.4							
			ral elements that is greater than the length of the elements.	-0.2							
	Short Column/		ast 20% of columns (or piers) along a column line in the lateral system have the nominal height/depth ratio at that level.	-0.4							
	Pier		column depth (or pier width) is less than one half of the depth of the spandrel,	-							
		or there are infill walls or adjacent floo		-0.4							
	Split Level										
	Other	There is another observable severe vertical irregularity that obviously affects the building's seismic performance. $-0.7$ $V_{L2} = 0.0$									
	Irregularity										
Plan	Torsional irre		ar relatively well distributed in plan in either or both directions. (Do not		, , ,						
Irregularity, P <sub>L2</sub>		V1A open front irregularity listed above.		-0.5							
3			vertical elements of the lateral system that are not orthogonal to each other.	-0.2							
	Reentrant co	orner: Both projections from an interior	corner exceed 25% of the overall plan dimension in that direction.	(-0.2)							
			phragm with a width over 50% of the total diaphragm width at that level.	-0.2							
			ams do not align with the columns in plan.	-0.2	$P_{L2} = -0.2$						
			irregularity that obviously affects the building's seismic performance.	-0.5	(Cap at -0.7)						
Redundancy			ts on each side of the building in each direction.	(+0.2)							
Pounding	Building is se	eparated from an adjacent structure	The floors do not align vertically within 2 feet. (Cap total	-0.7							
	by less than	1.5% of the height of the shorter of	One building is 2 or more stories taller than the other. pounding	-0.7							
	the building	and adjacent structure and:	The building is at the end of the block. modifiers at -0.9)	<u>-0.4</u>							
S2 Building	"K" bracing o	eometry is visible.		-0.7							
C1 Building		rves as the beam in the moment frame.		-0.3							
PC1/RM1 Bldg			from drawings that do not rely on cross-grain bending. (Do not combine with								
	post-benchmark or retrofit modifier.) +0.2										
PC1/RM1 Bldg			walls (rather than an interior space with few walls such as in a warehouse).	+0.2							
URM	Gable walls are present0.3										
MH			ovided between the carriage and the ground.	+0.5	M- 0.3						
Retrofit Comprehensive seismic retrofit is visible or known from drawings. $+1.2$ $M = -0.2$											
		$S_{L2} = (S' + V_{L2} + P_{L2} + M) \ge S_{MIN}$		Transfer	to Level 1 form						
There is observal	ole damage or	deterioration or another condition that r	negatively affects the building's seismic performance:  Yes  No								

**OBSERVABLE NONSTRUCTURAL HAZARDS** Location Statement (Check "Yes" or "No") Yes Comment There is an unbraced unreinforced masonry parapet or unbraced unreinforced masonry chimney looks to be rebuilt at some point Exterior Х Х There is heavy cladding or heavy veneer. There is a heavy canopy over exit doors or pedestrian walkways that appears inadequately supported. Х There is an unreinforced masonry appendage over exit doors or pedestrian walkways. Х There is a sign posted on the building that indicates hazardous materials are present. Χ There is a taller adjacent building with an unanchored URM wall or unbraced URM parapet or chimney. Χ Other observed exterior nonstructural falling hazard: Х Interior There are hollow clay tile or brick partitions at any stair or exit corridor. Х Other observed interior nonstructural falling hazard: Χ Estimated Nonstructural Seismic Performance (Check appropriate box and transfer to Level 1 form conclusions) ☐ Potential nonstructural hazards with significant threat to occupant life safety → Detailed Nonstructural Evaluation recommended Nonstructural hazards identified with significant threat to occupant life safety →But no Detailed Nonstructural Evaluation required ☐ Low or no nonstructural hazard threat to occupant life safety →No Detailed Nonstructural Evaluation required

Comments:		



Address: 31	0 W. Pa	dre St.,	Santa Ba	arbara (	Са			
						Zip:	93105	
Other Identifi	ers: Sc	hott Cai	mpus 003	35.1 (fro	m 201			
Building Name: Schott Center Main - Rooms 1&2								
Use: Studer	Use: Student Services							
Latitude: 34.	42887			Long	itude:	-119.7	72010	
<b>S</b> s: 2.219				S <sub>1</sub> :	0.797			
Screener(s):	Sage S	Shingle/I	Dylan The	ompsor	Date/T	ime:	08.24.2022	2/12:00pm
No. Stories:	Above	Grade:	1 B	elow Gra	ide: n/a	,	Year Built:	1948 □ EST
Total Floor A	rea (sq.	ft.): 980	)				ode Year:	1946
Additions:	X Nor	ne 🗌	Yes, Year(s	s) Built:				
Occupancy:	Assen	,	ommercial		r. Service	s [	Historic	Shelter
	Indust		office)	Scho		 	Governmer	nt
	Utility		/arehouse	<u></u>	dential, #			
Soil Type:	<b>□A</b> Hard	<b>□B</b> Avg	□ <b>C</b> Dense	□ <b>D</b> Stiff	□ <b>E</b> Soft	□ <b>F</b> Poor	(DNK)	ume Type D.
	Rock	Rock	Soil	Soil	Soil	Soil	II DIVIN, ass	ише туре D.
Geologic Haz	ards: L	iquefactio	n: Yes/No	DNK)Lar	ndslide: Y	e <b>(No)</b>	DNK Surf. R	upt.: Yes(No)DNK
Adjacency:		X Pour	nding [	] Falling	g Hazard	s from T	aller Adjacen	t Building
Irregularities:	:	☐ Verti	cal (type/se	everity)				
		☐ Plan	(type)					
Exterior Fallin	ng	☐ Unbr	aced Chim	neys	<u></u>	Heavy C	Cladding or H	leavy Veneer
Hazards:		Para				Appenda	ages	
		☐ Othe	r:					
COMMENTS	-							
Single-stor supported	•							-framed walls o-on-grade

SBCC School of

0.7

0.7

0.7

0.5

Pounding potential occurs between student services and classroom 3 with the difference in roof levels greater than 2ft.

construction. Wood shearwall seismic system, with diagonal sheathing for shear resistance. 1x horizontal sheathing is used for the roof diaphragm.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

0.3

0.2

0.2

0.3

0.3

0.2

1.0

X Additional sketches or comments on separate page

#### **SKETCH** BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W2 RM1 RM2 URM МН Do Not W1 W1A **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 PC2 (BR) (LM) (URM (MRF) (RC (URM (MRF (SW) (TU) Know (FD) (RD) **Basic Score** 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 0.9 1.1 1.0 1.1 1.1 0.9 1.1 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.3 -0.2 Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 0.0 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 Post-Benchmark 1.1 1.5 NA 1.4 1.7 NA 17 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.5

0.5

0.5

0.3

0.3

0.5

EINALLEVEL 1 SCORE Sus 21

Minimum Score, SMIN

FINAL LEVEL 1 SCORE, SL1 2 SMIN. 2.1		
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building  Yes, score less than cut-off Yes, other hazards present No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, so	rooner shall note the following: FST = Fstir	mated or unreliable data OR DNK = Do Not Know

DATE: 08/24/2022

**SUBJECT:** 35.1 - Schott Center Main Rooms 1&2



T&S/DRT: Limited clear distance to adjacent building and building end condition cause a potential for pounding

Clearance to Adjacent Structure



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	33, 428439, -119,721090
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1	
	A STATE OF

**SKETCH** 

	VERT HIGH Seisificity									
Address: 310 W. Padre St., Santa Bar	rbara Ca									
	<b>Zip:</b> 93105									
Other Identifiers: Schott Campus 0036 (from 2018 Fusion Report)										
Building Name: 21 - Kiln Building										
Use: Ceramics Kiln Room										
Latitude: 34.42849	Longitude: -119.72109									
<b>S</b> s: <u>2.223</u>	<b>S</b> <sub>1</sub> : <u>0.798</u>									
Screener(s): Sage Shingle/Dylan Thon	npson <b>Date/Time:</b> 08.24.2022/12:00pm									
	ow Grade: n/a Year Built: 1981 🛛 EST									
Total Floor Area (sq. ft.): 555	Code Year: 1979									
Additions: X None Yes, Year(s)										
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter									
Industrial Office Utility Warehouse	School Government Residential, # Units:									
,										
	□D □E □F ÛNK) Stiff Soft Poor If DNK, assume Type D.									
Rock Rock Soil	Soil Soil Soil									
Geologic Hazards: Liquefaction: Yes/NoDI	NK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK									
Adjacency: X Pounding	Falling Hazards from Taller Adjacent Building									
Irregularities: X Vertical (type/seven	erity) moderate*									
☐ Plan (type)										
Exterior Falling Unbraced Chimne	, _ , , ,									
Hazards: Parapets	☐ Appendages									
Other:										
	med roof and wood-framed walls supported									
on a conventional concrete foundation	on system with slab-on-grade construction.									
	th stucco for shear resistance. 1x diagonal									
sheathing is assumed for the roof di	аршауш.									
Site Conditions Observed:										

The building is physically connected to the adjacent structure at the roof

\*The north-east face of the structure has multiple openings (clerestory

X Additional sketches or comments on separate page

causing a pounding potential.

windows) leaving little to none shear resistance.

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : 1.5

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☑ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building  ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No         Nonstructural hazards? $\square$ Yes $\square$ No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, sci	reener shall note the following: EST = Esting	mated or unreliable data <u>OR</u> DNK = Do Not Know

**DATE:** 08/24/2022 **SUBJECT:** 36 - Kiln Building



**T&S/DRT:** limited shear resistance in this wall with clerestory windows causing moderate vertical irregularity

North-East Facing Wall



South-East Facing Wall

**T&S/DRT**: Limited clear distance to adjacent building and building end condition cause a potential for pounding

																		_
							Add	lress: 3	10 W. F	Padre S	St., San	ta Barb	ara Ca					
								_						7	<b>'ip</b> : 93	105		
							Oth	er Ident	ifiers: S	Schott (	Campus	0037-	0039 (f	rom 20	18 Fus	on Re	oort)	
							Buil	lding Na	me: <u>32</u>	2, 33, 3	4 - Cera	amics L	ab (We	et/Dry) a	& Grou	nds 5		
				/		<u> </u>			mics La									
	- Alle	-				Hillian	Lati	tude: 3	4.42841 3				Longitu	de: <u>-1</u>	19.721	17		
			1															
				18:0	- 10		- 22		: <u>Sage</u>						e: <u>08.</u>	24.202	2/12:00	pm
			9			15	No.	Stories	: Abov	e Grade	e: <u>1</u>	Belo	w Grade	: <u>n/a</u>			1953	X EST
				-					Area (so	q. ft.): 🙎	2,180				Code	Year:	1952	
			3-				<u></u>	litions:			Yes,							
E and the second			-				Occ	upancy		embly strial	Comme Office		Emer. S			istoric overnme	☐ Shel	ter
									Utili		Wareho		School Residen	<b>,</b> itial, #Ur	_	overnine	IIL	
							Soil	Type:	A	, □B						NK		
	•	1				-	3011	Type.	Hard Rock	Avg Rock	Den So	se S	tiff S	oft P			sume Туре	э D.
			Contract of the second	-	2500		Geo	logic H	azards:	Liquefac	ction: Ye	s/NotDN	Lands	lide: Yes	(No)DNK	Surf. R	upt.: Ye	NO)DNK
					384		Adja	acency:		□Р	ounding		Falling H	azards fr	om Talle	Adjacer	nt Building	)
				4	A		Irre	gularitie	es:		ertical (ty lan (type		rity) <u>n</u>	noderat	te*			
		38		28			Exte	erior Fa	lling	□ U	nbraced	Chimney	/S	☐ Hea	avy Clad	ding or F	leavy Ve	neer
	37		1 1 <b>2.72</b> 117				— Haz	ards:			arapets ther:			☐ App	pendages	3	-	
	39 SKE	тсн					Two struction conditions with roof build Site Dam *Ext woo on n	cture, wi crete fou diagona diaghra ding 37.  Conditionage to selection was deframed framed	story buil th wood- indation al sheath gm for b	framed system ing or pl uilding 3 erved: and wal d betwe pane, pa aces are	roofs an with slak lywood f 88, 1x ho I sheathi een build ainted w e open, r	d wood- o-on-gra or shear orizontal ing was ing 38 & indow w esulting	framed of the constant of the count of the Kiln alls. Add in a lack	walls suptruction. The contract of the contrac	pported Wood s diagonal ilding 39 g and bu gable v	on a con hearwal sheathi d, and p ilding 31 valls tha	nventional I seismic ng is use lywood for the seismic ng is use lywood for the seismic necessity in the seismic necessity is not necessity in the seismic necessity in the	al system d for the or ave large
		В	ASIC	sco	RE, MC	DIFIE	RS, Al	ND FI	NAL LE	EVEL	1 SCO	RE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	\$4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score	(	2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9		-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub> Plan Irregularity, P <sub>L1</sub>		-0.6 -0.7	-0.5 -0.7	-0.5 -0.6		-0.4 -0.5	-0.5 -0.6	-0.4 -0.4	-0.3 -0.4	-0.4 -0.4	-0.4 -0.5	-0.3 -0.3	-0.4 -0.5	-0.4 -0.4	-0.4 -0.4	-0.4 -0.4	-0.3 -0.3	NA NA
Pre-Code		-0.3	-0.3	-0.3		-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0		1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	_	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0
FINAL LEVEL 1 SCORE, S	_1 ≥ S <sub>MIN</sub> : (	(1.5)	ı															
EXTENT OF REVIEW	_	All Sides	_		OTHE						ION R							
Exterior: ☐ Parti	Are Thei Detailed				A		ed Struc											
Drawings Reviewed: X Yes					>		es, unkno es, score											
Drawings Reviewed: ☑ Yes ☐ No ☐ Pounding p Soil Type Source: ☐NK ☐ cut-off, if kn								11033 OL2			es, score es, other			5			port for	
_	NK .				☐ Fallii	ng hazar		aller adja	cent	□ N				Disc			nclusio	
Contact Person: Robert	Morales				build Geol	ling logic haz	arde or C	Soil Type	F	Detailed Nonstructural Evaluation Recommended? (check one)								
LEVEL 2 SCREENING	PERFO	ORME	D?			ificant da											valuated	
Yes, Final Level 2 Score, S			 Ⅺ N	0		structural			-						may requ		gation, bu	t a
	Yes		X N								etailed ev			cessary Is identifi	ed [	DNK		
Nonstructural hazards?	165																	

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

DATE: 08/24/2022

**SUBJECT:** 32–34 – Wet/Dry Ceramics Labs & Grounds 5



Building 37 - Damage to Sill Plate



Building 37 - Damage to Exterior Wall Sheathing



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SK	ETCH

Address: 310 W. Padre St., Santa Barbara C	a								
	<b>Zip:</b> 93105								
Other Identifiers: Schott Campus 0041 (from 2018 Fusion Report)									
Building Name: Relocatable Classroom 28									
Use: Classroom									
Latitude: 34.42848 Longit	tude: -119.72087								
S <sub>S</sub> : <u>2.222</u> S <sub>1</sub> : <u>0</u>	).798								
Screener(s): Sage Shingle/Dylan Thompson	Date/Time: 08.24.2022/12:00pm								
No. Stories: Above Grade: 1 Below Grad	le: n/a Year Built: 1996 🛛 EST								
Total Floor Area (sq. ft.): 960	Code Year: 1994								
Additions: X None Yes, Year(s) Built:									
occupancy.	Services  Historic  Shelter								
Industrial Office Schoo	_								
,	ential, # Units:								
Soil Type: A B C D  Hard Avg Dense Stiff	Soft Poor If DNK, assume Type D.								
Rock Rock Soil Soil	Soil Soil								
Geologic Hazards: Liquefaction: Yes/NoDNK Land	Islide: Yes NooDNK Surf. Rupt.: Yes NooDNK								
Adjacency: Pounding Falling	Hazards from Taller Adjacent Building								
Irregularities:									
☐ Plan (type)									
Exterior Falling Unbraced Chimneys	☐ Heavy Cladding or Heavy Veneer								
Hazards: Parapets	Appendages								
Other:									
COMMENTS:	age metal framed reafe and well-								
Single-story modular structure, with light-gas supported on pressure treated lumber plate									
seismic system, with plywood for shear res	istance. Interlocking standing								
seam panels roof diaphragm. DSA approva	al was found on as-built plans.								

Site Conditions Observed:

Significant deterioration of the plywood perimeter skirting. The metal framing just above the wood sill shows signs of "squishing" from vertical loading.

X Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, SMIN		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

Soil Type Source:

**Contact Person:** 

Exterior:

Interior:

Legend:

CTION REQUIRED										
etailed Structural Evaluation R	equired?									
Yes, unknown FEMA building	type or other building									
Yes, score less than cut-off Yes, other hazards present No	See Final Report for Discussion & Conclusions									
etailed Nonstructural Evaluation	on Recommended? (check one)									
No, nonstructural hazards exist detailed evaluation is not necessary	entified that should be evaluated st that may require mitigation, but a essary									

	 ~ ~	חמי		ncn	MED?

☐ Partial

☐ None

DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

Robert Morales

**OTHER HAZARDS** 

Are There Hazards That Trigger A **Detailed Structural Evaluation?** 

- $\square$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F Significant damage/deterioration to

the structural system

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

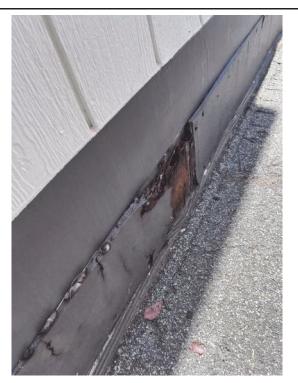
X All Sides ☐ Aerial ☐ Visible X Entered

☐ No

(1.6

DATE: 08/24/2022

**SUBJECT:** 28 – Relocatable Classroom



Damage to Plywood Skirting



Damage to Metal Framing @ Foundation



	10.73000
ANN	A STATE OF THE STA
The Party of	6
SKETO	Н

Ī	Address: 310 W. Padre St., Santa Barbara Ca
ı	<b>Zip:</b> 93105
ı	Other Identifiers: Schott Campus 0042 (from 2018 Fusion Report)
ı	Building Name: Relocatable Classroom 29
	Use: Classroom
ı	Latitude: 34.42853 Longitude: -119.72081
	Ss: 2.222 S1: 0.798
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 08.24.2022/12:00pm
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2006 ☑ EST  Total Floor Area (sq. ft.): 960  Additions: ☑ None ☐ Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
	Soil Type: A B C D E F ONK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.  Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/No(DNK) Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	Exterior Falling
ſ	COMMENTS:
	Single-story modular structure, with light-gage metal framed roofs and walls supported on pressure treated lumber plates on grade. Metal stud shearwall seismic system, with plywood for shear resistance. Plywood for roof diaphragm. DSA approval was found on as-built plans.
	Site Conditions Observed: Significant deterioration of the plywood perimeter skirting. Significant deterioration of plywood roof sheathing at rear roof overhang.

### X Additional sketches or comments on separate page BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1

		_			_, •							, -,	_,					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	\$3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, VL1		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

ng	
Report for Conclusions	
? (check one)	
be evaluated mitigation, but a	

(1.6

Exterior:	Partial	X All Sides Aerial									
Interior:	☐ None	☐ Visible ☒ Entered	Ŀ								
<b>Drawings Reviewed:</b>	X Yes	☐ No									
Soil Type Source:	DNK										
Geologic Hazards Source: DNK											
Contact Person:	Robert Mor	rales	П								

Robert Morales

#### **LEVEL 2 SCREENING PERFORMED?**

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$  \_ X No Nonstructural hazards? Yes X No

#### OTHER HAZARDS

Are There Hazards That Trigger A **Detailed Structural Evaluation?** 

- $\square$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- ☐ Falling hazards from taller adjacent building ☐ Geologic hazards or Soil Type F
- Significant damage/deterioration to the structural system

#### **ACTION REQUIRED**

- See Final

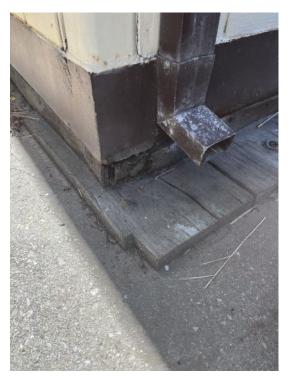
**Detailed Nonstructural Evaluation Recommended** 

Discussion &

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

DATE: 08/24/2022

**SUBJECT:** 29 – Relocatable Classroom



Damage to Plywood Skirting



Damage to Plywood Roof Sheathing





0.7

X All Sides Aerial

☐ No

☐ Visible ☒ Entered

0.7

0.7

0.5

	VERT THOM Ocidinionly
Address: 310 W. Padre St., Santa Bar	rbara Ca
	<b>Zip</b> : 93105
Other Identifiers: Schott Campus 0043	_
Building Name: Relocatable Classroom	m 30
Use: Classroom	
Latitude: 34.42859	Longitude: -119.72075
<b>S</b> s: <u>2.221</u>	<b>S</b> <sub>1</sub> : <u>0.798</u>
Screener(s): Sage Shingle/Dylan Thor	mpson <b>Date/Time:</b> <u>08.24.2022/12:00pm</u>
	ow Grade: n/a Year Built: 2006 ☒ EST
Total Floor Area (sq. ft.): 960	Code Year: 1997
Additions: X None Yes, Year(s)	
Occupancy: Assembly Commercial	Emer. Services  Historic  Shelter
Industrial Office Utility Warehouse	School Government Residential, # Units:
,	
	□D □E □F ÛNK Stiff Soft Poor <i>If DNK</i> , assume Type D.
Rock Rock Soil	Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDI	NK Landslide: Yes No DNK Surf. Rupt.: Yes No DNK
Adjacency:	Falling Hazards from Taller Adjacent Building
Irregularities:	erity)
☐ Plan (type)	
Exterior Falling Unbraced Chimne	, — , , ,
Hazards: Parapets	☐ Appendages
Other:	
COMMENTS: Single-story modular structure, with	light-gage metal framed roofs and walls
	er plates on grade. Metal stud shearwall
	ear resistance. Plywood for roof diaphragm.
DSA approval was found on as-built	plans.
Site Conditions Observed:	
Significant deterioration of the plywo	ood perimeter skirting and wood sill.
1	

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE,  $S_{L1}$ Do Not W1 W1A W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 RM1 RM<sub>2</sub> URM MH (MRF) (URM Know (BR) (LM) (RC (URM (MRF (SW) (TU) (FD) (RD) INF) 2.1 1.9 1.8 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.5 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.4 -0.3 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA -0.2 0.0 -0.3-0.3 -0.3 -0.3 -0.2 -0.3 -0.2-0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 1.6 1.6 0.5 11 11 15 NA 14 17 NA 17 NA 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4-0.4-0.4 -0.3 -0.3NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1-0.2-0.2 0.0 NA

0.3

0.3

X Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, VL1

**Basic Score** 

Pre-Code

Exterior:

Interior:

Legend:

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

Soil Type Source:

**Contact Person:** 

ACTION REQUIRED	
Detailed Structural Evaluation R	equired?
Yes, unknown FEMA building	type or other building
Yes, score less than cut-off Yes, other hazards present No	See Final Report for Discussion & Conclusions
Detailed Nonstructural Evaluation	on Recommended? (check one)
	entified that should be evaluated st that may require mitigation, but a essary

0.3

0.3

0.2

1.0

(1.6

0.2

	PERFORMED?

Partial

☐ None

DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

Robert Morales

#### OTHER HAZARDS

0.5

0.5

0.5

0.5

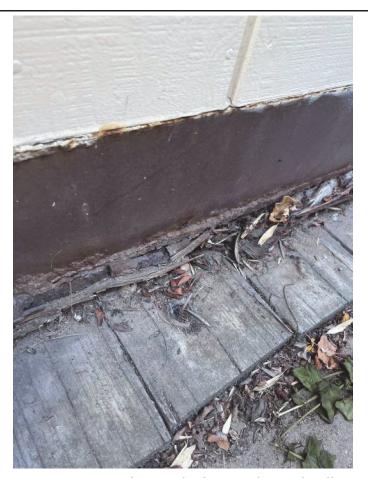
Are There Hazards That Trigger A **Detailed Structural Evaluation?** 

- $\square$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F Significant damage/deterioration to the structural system

0.3

0.2

**DATE:** 08/24/2022 **SUBJECT:** 30 – Relocatable Classroom



Damage to Plywood Skirting/Wood Sill



115
84.428648,-III. <b>739661</b>
SKETCH

X All Sides ☐ Aerial ☐ Visible X Entered

X No

☐ No

VERT HIGH Seisificity
Address: 310 W. Padre St., Santa Barbara Ca
Zip: 93105
Other Identifiers: Schott Campus 0044 (from 2018 Fusion Report)
Building Name: Relocatable Classroom 31
Use: Classroom
Latitude: <u>34.42865</u> Longitude: <u>-119.72068</u>
Ss: <u>2.221</u> S1: <u>0.798</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 08.24.2022/12:00pm
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2006 ☑ EST Total Floor Area (sq. ft.): 1,440 Code Year: 1997
Additions: X None Yes, Year(s) Built:
Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D. Rock Rock Soil Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK
Adjacency: Pounding Falling Hazards from Taller Adjacent Building
Irregularities: Vertical (type/severity)  Plan (type)
Exterior Falling ☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer ☐ Parapets ☐ Appendages ☐ Other:
COMMENTS:  Single-story modular structure, with light-gage metal framed roofs and walls supported on pressure treated lumber plates on grade. Metal stud shearwall seismic system, with plywood for shear resistance. Plywood for roof diaphragm. DSA approval was found on as-built plans.  Site Conditions Observed:
Significant deterioration of the plywood perimeter skirting and plywood roof

X Additional sketches or comments on separate page

sheathing at overhang.

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	$\bigcirc 1.1 \bigcirc$
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, VL	1	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

**OTHER HAZARDS** 

cut-off, if known)

building

Are There Hazards That Trigger A

 $\square$  Pounding potential (unless  $S_{L2}$  >

☐ Geologic hazards or Soil Type F

Significant damage/deterioration to the structural system

Falling hazards from taller adjacent

**Detailed Structural Evaluation?** 

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ 

Soil Type Source:

**Contact Person:** 

Nonstructural hazards?

Exterior:

Interior:

ACTION REQUIRED	
Detailed Structural Evaluation Required?	
Yes, unknown FEMA building type or other building	
Yes, score less than cut-off Yes, other hazards present No  See Final Report Discussion & Conclu	
Detailed Nonstructural Evaluation Recommended? (check of	
☐ Yes, nonstructural hazards identified that should be evaluated.     ☐ No, nonstructural hazards exist that may require mitigation, detailed evaluation is not necessary.     ☐ No, no nonstructural hazards identified.	

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know Legend: MRF = Moment-resisting frame

**LEVEL 2 SCREENING PERFORMED?** 

Partial

☐ None

Robert Morales

Yes

BR = Braced frame

DNK

RC = Reinforced concrete SW = Shear wall

URM INF = Unreinforced masonry infill TU = Tilt up

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

1.6

**DATE:** 08/24/2022

**SUBJECT:** 31 – Relocatable Classroom



Damage to Plywood Skirting



Damage to Plywood Roof Sheathing



Tarra men enement
Address: 310 W. Padre St., Santa Barbara Ca
Zip: 93105
Other Identifiers: Schott Campus 0045 (from 2018 Fusion Report)
Building Name: Maintenance Garage
Use: Facilities Storage
Latitude: <u>34.42830</u> Longitude: <u>-119.72130</u>
<b>S</b> <sub>5</sub> : <u>2.224</u> <b>S</b> <sub>1</sub> : <u>0.798</u>
Screener(s): Sage Shingle/Dylan Thompson Date/Time: 08.24.2022/12:00pm
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1987
Total Floor Area (sq. ft.): 808 Code Year: 1985
Additions: X None Yes, Year(s) Built:
Occupancy: Assembly Commercial Emer. Services   Historic   Shelter
Industrial Office School Government
Utility Warehouse Residential, # Units:
Soil Type:   A  B  C  D  E  F  ONK
Hard Avg Dense Stiff Soft Poor <i>If DNK</i> , assume Type D. Rock Rock Soil Soil Soil Soil
Geologic Hazards: Liquefaction: Yes/No(DNK) Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK
Adjacency:   Pounding   Falling Hazards from Taller Adjacent Building
Irregularities:
X Plan (type) Re-Entrant Corner
Exterior Falling  Unbraced Chimneys  Heavy Cladding or Heavy Veneer
Hazards: ☐ Parapets ☐ Appendages
Other:
COMMENTS:
Single-story structure with wood framed roofs and reinforced masonry walls supported on a conventional concrete foundation system with slab-on-grade
construction. Reinforced masonry shearwall seismic system. Plywood for roof
diaphragm.

Limited shear transfers from the roof to the masonry walls was observed. The limited clearance to the adjacent structure, along with being the end building,

SKETCH

X Additional sketches or comments on separate page

cause the potential for pounding.

Site Conditions Observed:

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
	Oo Not Know	W1	W1A	W2	S1 (MRF)	<b>\$2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	(FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	(1.1)	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

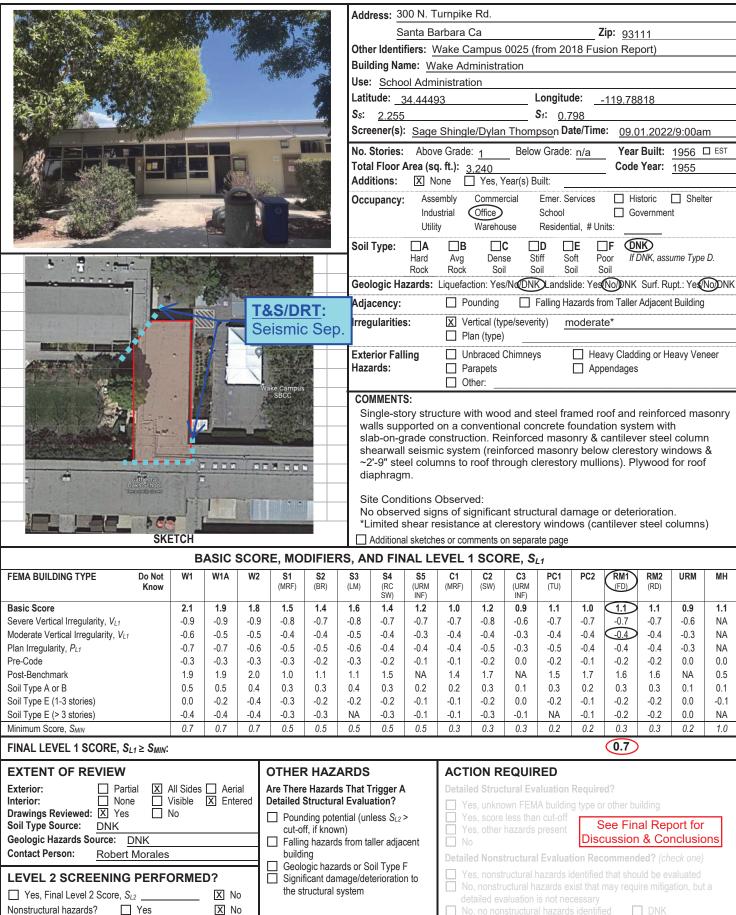
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ See Final Report for
Geologic Hazards Source: DNK  Contact Person: Robert Morales	Falling hazards from taller adjacent building	Discussion & Conclusions  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No  Nonstructural hazards? ☐ Yes X No	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>
Where information cannot be verified, scr	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know

0.7

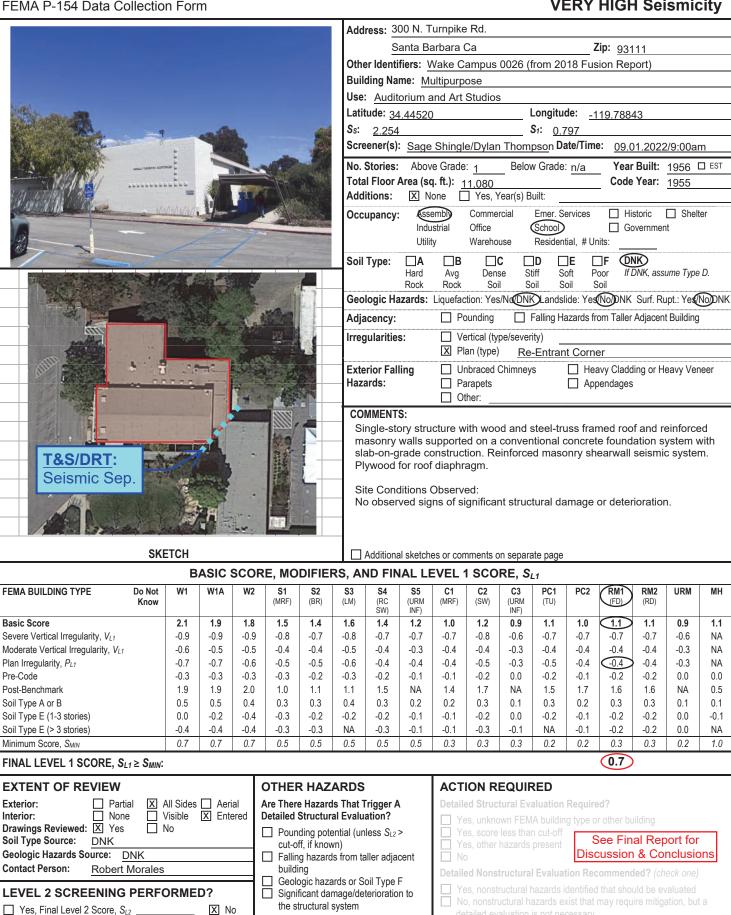
DATE: 08/24/2022 **SUBJECT:** Facilities Storage



Clearance to Adjacent Structure



Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



☐ Yes

Nonstructural hazards?

X No

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

**Zip:** 93111

-119.78849

09.01.2022/9:00am



**SKETCH** 

	No. Stories:		Grade		Below Gra	ade: <u>n/a</u>	<u>a</u>	Year Built:	1956 □ EST
ČČ.	Total Floor A							Code Year:	1955
	Additions:	X No	ne 🗌	Yes, Yea	r(s) Built:				
	Occupancy:	Asse Indus Utility	trial	Commercia Office Warehouse	Scho	er. Service ool dential,		Historic [ Government	Shelter
T&S/DRT:	Soil Type:	□ <b>A</b> Hard Rock	□ <b>B</b> Avg Rock	□ <b>C</b> Dense Soil	□ <b>D</b> Stiff Soil	□ <b>E</b> Soft Soil	□ <b>F</b> Poor Soil	If DNK, assu	me Type D.
Seismic Sep.	Geologic Haz	zards: l	iquefac	tion: Yes/No	(DNK)Lai	ndslide: `	Yes(No)	DNK Surf. Rup	pt.: Yes(No)DNK
Geisitiic Gep.	Adjacency:		□Ро	ounding	☐ Fallin	g Hazard	ls from T	Taller Adjacent	Building
# # # # # # # # # # # # # # # # # # #	Irregularities	:		ertical (type/s an (type)	severity)	mode	erate*		
The state of the s	Exterior Falli Hazards:	ng	☐ Pa	nbraced Chi rapets her:	mneys		Heavy ( Append	Cladding or He lages	avy Veneer
	walls supp slab-on-gr shearwall ~2'-9" stee diaphragm	ry structorted conted consistency seismicel colunt.	on a co nstruct c syste nns to	nventiona ion. Reinf m (reinfor roof throu	al concre forced m ced mas	te foun asonry sonry b	dation & can elow cl	and reinforc system with tilever steel lerestory wir s). Plywood f	column ndows &
	Site Condi	itions C	bserve	ed:					

Address: 300 N. Turnpike Rd. Santa Barbara Ca

Building Name: Classrooms 1-6 Use: Computer Lab & Offices

Latitude: 34.44472

2.256

Ss:

Other Identifiers: Wake Campus 0027 (from 2018 Fusion Report)

No observed signs of significant structural damage or deterioration. \*Limited shear resistance at clerestory windows (cantilever steel columns)

Additional sketches or comments on separate page

Screener(s): Sage Shingle/Dylan Thompson Date/Time:

Longitude:

**S**<sub>1</sub>: 0.798

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1A URM Do Not W1 W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC<sub>1</sub> PC2 RM1 RM<sub>2</sub> МН (URM (MRF) (LM) (RC (FD) (BR) (URM (MRF (SW) (TU) (RD) Know **Basic Score** 2.1 1.9 1.8 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.5 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.5 -0.5 -0.4 -0.5 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.6 -0.4 -0.4 -0.3 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.6 NA Post-Benchmark 10 1.1 15 NA 14 1.7 NA 15 17 1.6 0.5 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4-0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.20.0 NA 0.7 0.7 0.7 0.5 0.2 0.3 0.2 1.0 Minimum Score, SMIN 0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.2 0.3

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed: ☑ Yes ☐ No Soil Type Source: ☐NK Geologic Hazards Source: ☐NK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No ☐ See Final Report for ☐ Discussion & Conclusions
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?            ☐ Yes, Final Level 2 Score, S <sub>L2</sub> ☐ Yes         ☐ Xes           ☐ No          Nonstructural hazards?          ☐ Yes           ☐ No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK
Where information cannot be verified, scr	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know

SW = Shear wall

0.7

T&S/DRT: Seismic Sep.

> T&S/DRT: Addition

## Level 1 **VERY HIGH Seismicity**



DOM BOD

**SKETCH** 

																- ,			
					Add	ress: 3	00 N. T	urnpike	Rd.										
						S	anta Ba	arbara (	Са			Z	<b>'ip</b> : 931	11					
					Othe	r Identi	fiers: V	Vake C	amnus	0028 (	from 20		ion Rep						
							_	assroor			TOTTI EC	7101 40	лонттор	7011)					
				1		-	_	& Wood											
				4							ongitu	do: 4	40.707	20					
	0		- And	1				<b>i</b>					19.7878	36					
				-							S <sub>1</sub> : 0.7								
					Scre	ener(s)	: <u>Sage</u>	Shingle	e/Dylar	n Thom	pson D	ate/Time	9: <u>09.0</u>	1.2022	<u>2/9:00ar</u>	n			
					No.	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1956 ☐ EST Total Floor Area (sq. ft.): 6,500 Code Year: 1955													
					Tota	l Floor	Area (so	<b>i. ft.)</b> : 6	.500				Code	Year:	1955				
					Add	itions:	☐ N	one 🛚	Yes, \	Year(s) B	uilt: 1	961 - 1	998						
		-			Occ	upancy:	Asse	embly	Comme	rcial	Emer. S	ervices	☐ His	storic	☐ Shelt	er			
		~	-					strial	Office	(	School	)	☐ Go	vernmen	ıt				
							Utilit	у	Wareho	use	Residen	tial, #Un	nits:						
					Soil	Type:	ПА	□в		с г	1D [	7Е Г	TF (DI	ik)					
ike C	ampus	2	J-100	1000	٦	. , , ,	Hard	Avg	Den	_		oft Po	oor <i>If L</i>	DNK, assi	ите Туре	D.			
SB	CC						Rock	Rock	So	·· -			Soil						
							zards:						NOONK						
						cency:			ounding				om Taller	Adjacen	t Building				
					Irreg	ularitie	S:		eπicai (ty an (type)	rpe/sever )	ity) <u>n</u>	noderat	ie"						
A	000	The same	IM.	18	Evto	rior Fal	lina			Chimney	•	ПН	avy Cladd	ing or H	aavv Van	noor .			
						ards:	iiig	☐ Pa	rapets her:	Criminicy	3		endages		cavy ven	1001			
1	//	11		77.0	СО	MMENT	S:												
_		11,											reinforce						
	S de la constante		District Co.										rith slab-c eismic sys						
	Z		五百万		— ma	asonry b	elow cle	restory v	vindows	8 & ~2'-9			to roof th						
			4	0.	mı	ıllions).	Plywood	for roof	diaphra	ıgm.									
				Y	Sit	e Condi	tions Ob	served:											
飔	1	- 10		1							vith no p	lans at s	south-eas	st corne	r. No app	parent			
40	1			1				south fac stance a			dows (ca	antilever	steel col	umns)					
*	234	Barre		-	-					-	`			,					
de sell		1.00		IN COME	X	Additiona	al sketche	es or con	nments o	on separa	ate page								
В	ASIC	SCOR	E, MO	DIFIE	RS, Al	ND FIN	IAL LE	VEL 1	sco	RE, S									
	W1A	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	MH			
			(MRF)	(BR)	(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)					
	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1			
)	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA			
6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA			
	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA			
3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0			
	1.9	2.0	1.0	1.1	1.1	1.5	NA 0.2	1.4	1.7	NA 0.1	1.5	1.7	1.6	1.6	NA 0.1	0.5			
	0.5 -0.2	0.4 -0.4	0.3 -0.3	0.3 -0.2	0.4 -0.2	0.3 -0.2	0.2 -0.1	0.2 -0.1	0.3 -0.2	0.1	0.3 -0.2	0.2 -0.1	0.3 -0.2	0.3 -0.2	0.1	0.1 -0.1			
	-0.2	-0.4	-0.3	-0.2	NA	-0.2	-0.1	-0.1	-0.2	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA			
	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0			
				_	-				-		I .		0.7			-			

Do Not Know FEMA BUILDING TYPE W1 W1A W2 S1 S2 (MRF) (BR) Basic Score 2.1 1.9 1.8 1.5 1.4 Severe Vertical Irregularity,  $V_{L1}$ -0.9 -0.9 -0.9 -0.8 -0.7 Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.3 -0.2 Pre-Code -0.3 -0.3 -0.3 Post-Benchmark 1.9 1.9 2.0 1.0 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 Soil Type E (> 3 stories) -0.4 -0.4 -0.3 -0.4 -0.3 0.7 0.7 0.7 0.5 0.5 Minimum Score, S<sub>MIN</sub>

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:         □ Partial         ☒ All Sides         □ Aerial           Interior:         □ None         □ Visible         ☒ Entered           Drawings Reviewed:         ☒ Yes         □ No	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed:         ☒ Yes         ☐ No           Soil Type Source:         DNK           Geologic Hazards Source:         DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions
Contact Person: Robert Morales	building Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$	Significant damage/deterioration to the structural system	▼Yes, nonstructural hazards identified that should be evaluated     No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     No, no nonstructural hazards identified
Where information cannot be verified, scr	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know

**DATE:** 10/28/2022

SUBJECT: 0028 - Classroom 7-10



Addition @ South-East Corner - Exterior

**T&S/DRT**: Original Face of Exterior Overhang

T&S/DRT: Original Patio Fencing



Addition @ South-East Corner - Interior



	da mana		
	Pap 6	Galladri Onle Selecti Temperatural	
11 1		1 00	
8.	2 - EV		2
		matina i	No.
DRT:	Will part of		4
Turipike Fuel Depot			1115
		A Paris	7

**SKETCH** 

	-													
Address: 300 N. T	urnpike Rd.													
Santa Ba	arbara Ca Zip: 93111													
Other Identifiers: V	Vake Campus 0029 (from 2018 Fusion Report)													
Building Name: Cla	assroom 11-14													
Use: Classrooms														
Latitude: 34.44452	Longitude: -119.78850													
<b>S</b> s: 2.257														
	Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am													
No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1961 □ EST														
Total Floor Area (sq	. ft.): 5.821 Code Year: 1958													
Additions: No														
Occupancy: Asse	embly Commercial Emer. Services   Historic   Shelter													
Indu	strial Office School Government													
Utilit	y Warehouse Residential, # Units:													
Soil Type: $\square A$	□B □C □D □E □F ①NK													
Hard Rock	Avg Dense Stiff Soft Poor If DNK, assume Type D.  Rock Soil Soil Soil Soil													
	Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK													
Adjacency:	Pounding Falling Hazards from Taller Adjacent Building													
Irregularities:														
	Plan (type)													
Exterior Falling	☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer													
Hazards:	Parapets Appendages													
	Other:													
COMMENTS:														
	ure with wood and steel framed roof and reinforced masonry walls													

supported on a conventional concrete foundation system with slab-on-grade construction. Reinforced masonry & cantilever steel column shearwall seismic system (reinforced masonry below clerestory windows & ~2'-9" steel columns to roof through clerestory mullions). Plywood for roof diaphragm.

Site Conditions Observed:

Exterior roof and patio addition/enclosure with no plans at south-east corner. No apparent seismic system at south face of addition.

\*Limited shear resistance at clerestory windows (cantilever steel columns)

X Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

T&S/

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		0.7
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior:         ☐ Partial         ☒ All Sides         ☐ Aerial           Interior:         ☐ None         ☐ Visible         ☒ Entered           Drawings Reviewed:         ☒ Yes         ☐ No           Soil Type Source:         DNK           Geologic Hazards Source:         DNK           Contact Person:         Robert Morales	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  Detailed Nonstructural Evaluation Recommended? (check one)
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	── Yes, nonstructural hazards identified that should be evaluated     ── No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ── No, no nonstructural hazards identified
Where information cannot be verified, sci	reener shall note the following: EST = Esti	mated or unreliable data <u>OR</u> DNK = Do Not Know

**DATE:** 10/28/2022

**SUBJECT:** 0029 - Classroom 11-14



Addition @ South-West Corner - Exterior



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V		SKETCH	C),	

1	Address: 300 N.	Turnpike Rd.													
ı	Santa B	Barbara Ca	Zip:	93111											
ı	Other Identifiers:	Wake Campus 003	0 (from 2018 Fusion Report)												
ı	Building Name: O	lassroom 15-18													
ı	Use: Classroom														
ı	Latitude: 34.4445	4	Longitude:119.	78782											
ı	<b>S</b> s: 2.257		<b>S</b> <sub>1</sub> : <u>0.798</u>												
ı	Screener(s): Sage	e Shingle/Dylan Th	ompson Date/Time:	09.01.2022/9:00am											
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1957														
ı	Total Floor Area (s	q. ft.): 5,196		Code Year: 1955											
ı	Additions: X	None	s) Built:												
ı		sembly Commercial		☐ Historic ☐ Shelter											
ı		ustrial Office	(School)	Government											
ı	Util	lity Warehouse	Residential, # Units:												
	Soil Type:   A	□в □с	□D □E □F	(DNK)											
	Hard Rock	Avg Dense Rock Soil	Stiff Soft Poor Soil Soil Soil	If DNK, assume Type D.											
	Geologic Hazards:	Liquefaction: Yes/No	DNK Landslide: Yes No	DNK Surf. Rupt.: Ye No DNK											
	Adjacency:	☐ Pounding	☐ Falling Hazards from 1	Faller Adjacent Building											
ı	Irregularities:	X Vertical (type/s	everity) moderate*												
Ī		☐ Plan (type)													
1	Exterior Falling	Unbraced Chim		Cladding or Heavy Veneer											
1	Hazards:	Parapets	☐ Append	ages											
١		Other:													
-	COMMENTS:														
			nd steel framed roof a concrete foundation	and reinforced masonry											
- 1	walla auppolited	i on a conventional	consider foundation	Oyotoili Witti											

Single-story structure with wood and steel framed roof and reinforced masonry walls supported on a conventional concrete foundation system with slab-on-grade construction. Reinforced masonry & cantilever steel column shearwall seismic system (reinforced masonry below clerestory windows & ~2'-9" steel columns to roof through clerestory mullions). Plywood for roof diaphragm.

Site Conditions Observed:

No observed signs of significant structural damage or deterioration. \*Limited shear resistance at clerestory windows (cantilever steel columns)

Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	\$3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	$\bigcirc 1.1 \bigcirc$	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

Minimum Score, S<sub>MIN</sub>

Soil Type Source:

**Contact Person:** 

Exterior:

Interior:

	0.7
ACTION REQUIRED	
Detailed Structural Evaluation Re	equired?
Yes, unknown FEMA building	type or other building
Yes, other hazards present	See Final Report for Discussion & Conclusions
<b>Detailed Nonstructural Evaluation</b>	n Recommended? (check one)
	Detailed Structural Evaluation R  Yes, unknown FEMA building Yes, score less than cut-off Yes, other hazards present No Detailed Nonstructural Evaluation Yes, nonstructural hazards ide No, nonstructural hazards exist detailed evaluation is not nece

0.2

**LEVEL 2 SCREENING PERFORMED?** 

Partial

☐ None

DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$   $\square$  No Nonstructural hazards?  $\square$  Yes  $\square$  No

Robert Morales

OTHER HAZARDS

0.5

0.5

0.5

0.5

0.3

0.3

0.3

0.2

Are There Hazards That Trigger A Detailed Structural Evaluation?

- Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F
  Significant damage/deterioration to the structural system

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

Legend: MRF = Moment-resisting frame BR = Braced frame

RC = Reinforced concrete SW = Shear wall

0.7

X All Sides ☐ Aerial☐ Visible X Entered

☐ No

0.7

0.5

URM INF = Unreinforced masonry infill TU = Tilt up

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

0.3

0.3

0.2

1.0

FEMA P-154 Data Collec	tion Fo	rm										VI	ERY	HIG	H Se	ismi	city			
	W W			7	in the	Add	ress: 3	00 N. T	urnpike	Rd.										
		The second			CER.	Santa Barbara Ca Zip: 93111														
	W. San					Other Identifiers: Wake Campus 0031 (from 2018 Fusion Report)														
		W. W.				Building Name: Modular 10														
			**		7		: Stora									-				
	- ARV				A ME				9			Lonaitu	de: _1	10 787	90					
		1							9			S <sub>1</sub> : 0.7		19.707	90					
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A CONTRACTOR OF THE PARTY OF TH		TOTAL CON					upancy		embly	Comme		Emer. S	anvicas	Пн	istoric	☐ Shel	ltor			
			New Year		· · · · · · · · · · · · · · · · · · ·		ирапсу		ustrial	Office Wareho	)	School	itial, #Ur	☐ G	overnme	_	itei			
		A PA	See		- New York	Soil	Type:	□А	□В		СГ	]D [	]E [	]F (0	NK)					
	· 无论:	and the	de la	V - 35		1	,,	Hard	Avg	Den: So				oor <i>If</i>	DNK, ass	вите Туре	e D.			
Control of the Contro						Geo	logic Ha	Rock	Rock Liquefac						Surf. R	upt.: Ye	/No/DNK			
							cency:			ounding		_				nt Building	_			
A	AL COMPANY						gularitie	s'			pe/sever						J			
		1950 1950				- ""	jaiaiitio	٠.		an (type)										
	948					Exte	rior Fal	ling	☐ Ui	nbraced	Chimney	/S	☐ Hea	vy Clado	ding or H	leavy Ve	neer			
							ards:	3		arapets	,			endages		,				
						_			□ 0:	ther: _										
	# SA	7				_	MMENT													
	5 台灣					Single-story structure with light gage steel framed roof, floor, and walls														
						<ul> <li>supported on concrete strip footings. Light gage steel with plywood shearwall seismic system. Corrugated steel sheathing for roof diaphragm. DSA</li> </ul>														
A STATE OF THE PARTY OF THE PAR							approval was found on as-built plans.													
		The same of				_														
	Trood 19 vaccin		•	1 .	$\vdash$				Observ		nad eta	al floor	iniete e	ittina o	n conc	rete foo	otinge			
	Same Horn Super	site	all						anchor							iele ioc	ungs			
				TIII						5	,			3						
	Walke Ga	mpus	1			コニ														
,	SKETCH								es or cor		- '									
		BASIC		S1									200	P.114	D140					
FEMA BUILDING TYPE Do N		W1A	W2	(MRF)	(BR)	(LM)	(RC	(URM	(MRF)	(SW)	(URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	(MH)			
Dania Casas	2.4	4.0	4.0	4.5	4.4	4.0	SW)	INF)	4.0	4.0	INF)	4.4	4.0	4.4	4.4	0.0	(11			
Basic Score Severe Vertical Irregularity, V <sub>L1</sub>	<b>2.1</b> -0.9	<b>1.9</b> -0.9	<b>1.8</b> -0.9	<b>1.5</b> -0.8	<b>1.4</b> -0.7	<b>1.6</b> -0.8	<b>1.4</b> -0.7	<b>1.2</b> -0.7	<b>1.0</b> -0.7	<b>1.2</b> -0.8	<b>0.9</b> -0.6	<b>1.1</b> -0.7	<b>1.0</b> -0.7	<b>1.1</b> -0.7	<b>1.1</b> -0.7	<b>0.9</b> -0.6	1.1 NA			
Moderate Vertical Irregularity, V <sub>L1</sub>	-0.6	-0.5	-0.5	-0.4	-0.7	-0.5	-0.4	-0.7	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA			
Plan Irregularity, $P_{L1}$	-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA			
Pre-Code	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0			
Post-Benchmark	1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5			
Soil Type A or B	0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1			
Soil Type E (1-3 stories)	0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1			
Soil Type E (> 3 stories)  Minimum Score. S <sub>MIN</sub>	-0.4 0.7	-0.4 0.7	-0.4	-0.3 0.5	-0.3 0.5	0.5	-0.3	-0.1 0.5	-0.1 0.3	-0.3	-0.1 0.3	0.2	-0.1 0.2	-0.2	-0.2 0.3	0.0	NA 1.0			
		U.1	0.7	0.0	0.0	0.0	0.5	0.5	0.3	0.3	0.3	U.Z	U.Z	0.3	0.3	U.Z	1.0			
FINAL LEVEL 1 SCORE, S <sub>L1</sub> ≥ S <sub>1</sub>	VIIN•																1.0			
EXTENT OF REVIEW				OTHE	RHAZ	ARDS	ARDS ACTION REQUIRED													
	All Side			Are Ther				١	Detail	ed Struc	tural Ev	aluation	Require	d?						
	☐ Visible ☐ No	X Ent				ral Evaluation?  Yes, unknown FEMA building type or other building t							uilding							
Pianingo itorioneu. [2] 100	_ ''		I I	I Pour	aina note	ntial (iin	IRSS Sin	>	<ul><li>Va</li></ul>	as score	IASS tha	n cut-off								

**LEVEL 2 SCREENING PERFORMED?** 

Robert Morales

☐ Yes

BR = Braced frame

Soil Type Source: DNK

**Contact Person:** 

Nonstructural hazards?

Geologic Hazards Source: DNK

☐ Yes, Final Level 2 Score, S<sub>L2</sub> \_

X No

X No

 $\square$  Pounding potential (unless  $S_{L2}$  >

☐ Geologic hazards or Soil Type F

the structural system

Significant damage/deterioration to

☐ Falling hazards from taller adjacent

cut-off, if known)

building

**Detailed Nonstructural Evaluation Recommended?** (check one)

No, nonstructural hazards exist that may require mitigation, but a

See Final Report for

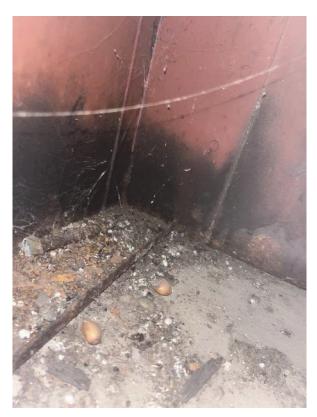
Discussion & Conclusions

DATE: 10/28/2022 SUBJECT: 0031 - Modular 10

**T&S/DRT**: Steel angle w/ (2) AB @ ~ 12'-0" on north/south perimeter are the only visible form of structure anchorage



Inadequate Footing Anchorage

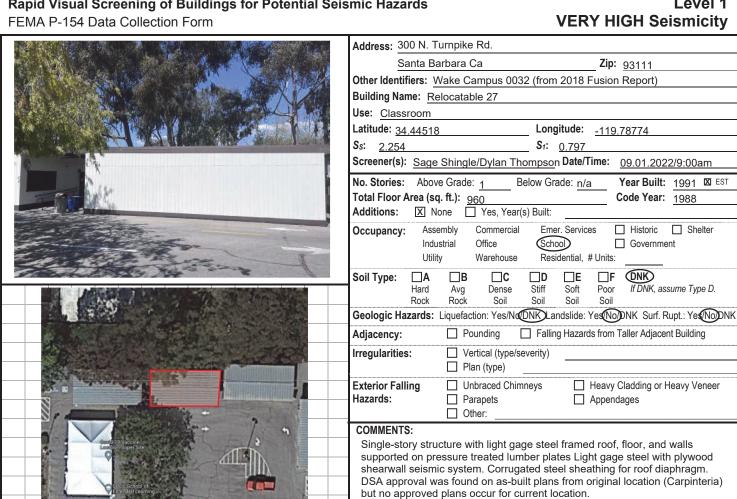


Slight Deterioration of Floor System on Footing

(DNK)

☐ Shelter

If DNK, assume Type D.



Site Conditions Observed:

X Additional sketches or comments on separate page

Slight deterioration of wood sill-on-ground and cripple wall sheathing.

## BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1

FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	\$3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	C2 (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
	KIIOW				(WINT)	(DIV)	(LIVI)	SW)	INF)	(WILCI )	(011)	INF)	(10)		(1 D)	(IVD)		
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score. S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

**SKETCH** 

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		1.1
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building
Drawings Reviewed:   Soil Type Source:   DNK  Geologic Hazards Source:  DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions
Contact Person:       Robert Morales         LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No	building Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
Nonstructural hazards? Yes X No  Where information cannot be verified, so	reener shall note the following: EST = Esti	No, no nonstructural hazards identified DNK  mated or unreliable data OR DNK = Do Not Know

DATE: 10/28/2022

**SUBJECT:** 0032 - Relocatable 27



Slight Deterioration of Wood Sill-On-Ground and Cripple Wall Sheathing

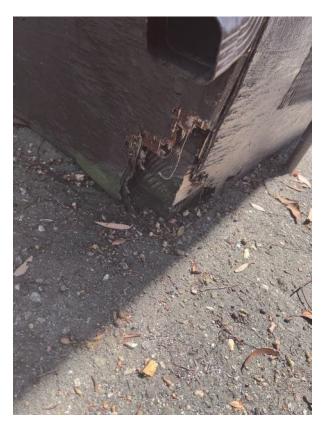
	W			A Very		hhΔ	ress: 3	00 N. T	urnpike	Rd.								
	Santa Barbara Ca Zip: 93111																	
	Other Identifiers: Wake Campus 0033 (from 2018 Fusion Report)																	
			_	elocatab		, 2000				,,,,								
					<b>,</b> 4		: Class			_								
The state of the s	Veril.		1		11	Latin	tude: 34	1.44519	)			Longitu	de: <u>-1</u>	19.787	57			
100 to 10	The state of the s	2	G	100	1	Ss:	2.254					<b>S</b> 1: 0.7	797					
4						Scre	ener(s)	: Sage	Shingle	e/Dylan	Thom	pson Da	ate/Time	e: <u>09.0</u>	1.2022	<u>!/9:00aı</u>	m	
À.								Abov	e Grade	: 1	Belov	w Grade	∶ n/a	Year	Built:	1988 I	X EST	
									<b>ı. ft.)</b> : 9	60				Code	Year:	1985		
and the second of		10				Add	Additions: X None Yes, Year(s) Built:											
1	Осс	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:																
	Soil	Soil Type: A B C D E F DNK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.									D.							
							lania Ua	Rock	Rock	Soi				Soil	C4 D.		NINONIK	
			是:					azarus:				Landsl						
						Adjacency: Pounding Falling Hazards from Taller Adjacent Building												
							Irregularities: Vertical (type/severity)  Plan (type)											
							Exterior Falling Unbraced Chimneys Heavy Cladding or He Hazards: Parapets Appendages  Other:								eavy Ver	neer		
SKETCH							Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates Light gage steel with plywood shearwall seismic system. Corrugated steel sheathing for roof diaphragm.  DSA approval was found on as-built plans from original location (Carpinteria) but no approved plans occur for current location.  Site Conditions Observed: Slight deterioration of cripple wall sheathing.											
	В	ASIC	sco	RE, MO	DIFIE	RS, AI	ND FIN	IAL LE	EVEL 1	sco	RE, S	L1						
FEMA BUILDING TYPE Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH	
Basic Score	2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)	
Severe Vertical Irregularity, V <sub>L1</sub>	-0.9	-0.9	-0.9		-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA NA	
Moderate Vertical Irregularity, V <sub>L1</sub> Plan Irregularity, P <sub>L1</sub>	-0.6 -0.7	-0.5 -0.7	-0.5 -0.6		-0.4 -0.5	-0.5 -0.6	-0.4 -0.4	-0.3 -0.4	-0.4 -0.4	-0.4 -0.5	-0.3 -0.3	-0.4 -0.5	-0.4 -0.4	-0.4 -0.4	-0.4 -0.4	-0.3 -0.3	NA NA	
Pre-Code	-0.3	-0.3	-0.3		-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0	
Post-Benchmark	1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5	
Soil Type A or B	0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1	
Soil Type E (1-3 stories)	0.0	-0.2	-0.4		-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1	
Soil Type E (> 3 stories)	-0.4	-0.4	-0.4		-0.3	NA 0.5	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA	
Minimum Score, S <sub>MIN</sub>	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0	
FINAL LEVEL 1 SCORE, S <sub>L1</sub> ≥ S <sub>MIN</sub>									4.07									
EXTENT OF REVIEW			.	OTHER					ACTION REQUIRED									
		☐ Aer		Are There				١				aluation						
	No			☐ Poun				>				IA buildin n cut-off	-					
Soil Type Source: DNK					ff, if kno		11035 312					present	S	ee Fin	al Rep	ort for	.	
Geologic Hazards Source: DNK						ds from ta	aller adja	cent	☐ No			Produit	Disc	cussior	& Co	nclusio	ons	
Contact Person: Robert Morales	3			buildi	ing		,		_		tructura	l Evalua	tion Rec	ommen	ded? (ch	eck one)		
LEVEL 2 SCREENING PERF	ORME	D?	$\exists$			ards or S image/de						hazards i						
Yes, Final Level 2 Score, $S_{L2}$	<b>∵.\.</b>    ∟	ים. X N	,		tructural		windiano	.,				azards e		may requ		ation, but	ta	
Nonstructural hazards? Yes		X N										is not ne al hazard	,	ed 「	DNK			
Where information	cannot h			oonor shal	ll note ti	he follow	ina: FS	T = Feti										

DATE: 10/28/2022

**SUBJECT:** 0033 - Relocatable 26



Slight Deterioration Cripple Wall Sheathing



Slight Deterioration Cripple Wall Sheathing



	<u> </u>
	Address: 300 N. Turnpike Rd.
	Santa Barbara Ca Zip: 93111
	Other Identifiers: Wake Campus 0034 (from 2018 Fusion Report)
	Building Name: Relocatable 25
	Use: Classroom
	Latitude: 34.44509 Longitude: -119.78744
	Ss: <u>2.254</u> S <sub>1</sub> : <u>0.798</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1988 ☒ EST
	Total Floor Area (sq. ft.): 1.056 Code Year: 1985
	Additions: None X Yes, Year(s) Built: Unknown
	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
	Soil Type:   B  C  D  E  F  ONK
	Hard Avg Dense Stiff Soft Poor If DNK, assume Type D. Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK)Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities: Vertical (type/severity)  Plan (type)
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
_	Hazards: ☐ Parapets ☐ Appendages
_	☐ Other:
	COMMENTS:
	Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates Light gage steel with plywood
	shearwall seismic system. Corrugated steel sheathing for roof diaphragm.
	DSA approval was found on as-built plans from original location (Carpinteria)

but no approved plans occur for current location.

Site Conditions Observed:

Single room addition to East side with no physical plans or permits for review.

X Additional sketches or comments on separate page

## BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE RM1 URM Do Not W1 W1A W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 RM<sub>2</sub> MH (MRF) (LM) (URM (RC (URM (MRF (SW) (TU) (FD) (RD) Know **Basic Score** 2.1 1.9 1.8 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.5 0.9 Severe Vertical Irregularity, V<sub>L1</sub> -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, VL1 -0.6 -0.5 -0.5 -0.4 -0.5 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.4 -0.4 -0.3 Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 0.0 Pre-Code -0.3-0.3 -0.3-0.3 -0.2 -0.3 -0.2-0.1 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 0.0 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 Post-Benchmark 11 15 NA 14 17 NA 17 11 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2-0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4-0.4-0.4 -0.3 -0.3NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.5 0.2 0.3 0.3 Minimum Score, SMIN 0.5 0.5 0.3 0.3 0.3 0.2 0.2 1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: X Yes

Geologic Hazards Source: DNK

Soil Type Source:

**Contact Person:** 

Exterior:

Interior:

Legend:

Final Score = 1.1

Final Scot	E = 1.1		$\overline{}$					
EVIEW	OTHER HAZARDS	ACTION REQUIRED						
Partial X All Sides Aerial	Are There Hazards That Trigger A	Detailed Structural Evaluation Required?						
☐ None ☐ Visible ☒ Entered	Detailed Structural Evaluation?	Yes, unknown FEMA building type or other	r building					
d: ☑ Yes ☐ No 	Pounding potential (unless S <sub>L2</sub> > cut-off, if known)	I I C3. ULICI HAZALUS DICSCHL	inal Report for					
Source: DNK	☐ Falling hazards from taller adjacent	□ No Discussi	on & Conclusions					
Robert Morales	building	Detailed Nonstructural Evaluation Recommended? (check one)						
EENING PERFORMED?	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a						
2 Score, S <sub>L2</sub>	the structural system	detailed evaluation is not necessary  No, no nonstructural hazards identified DNK						
Where information cannot be verified, sci	reener shall note the following: EST = Esting	nated or unreliable data OR DNK = Do Not	Know					

LEVEL 2 SCREENING PERFORMED?

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

RC = Reinforced concrete

SW = Shear wall

1 1

**SKETCH** 

TU = Tilt up

**PROJECT:** 220014 – SBCC Seismic Survey

DATE: 10/28/2022

**SUBJECT:** 0034 – Relocatable 25



Single Room Addition to East Side



THE PARTY OF THE P
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Govid-19 Vaccine Legation Super Site
113
113
SBCG School of Extended Learning
Wake Campus SKETCH
SKEICH

	VERY HIGH Seismicity
	Address: 300 N. Turnpike Rd.
	Santa Barbara Ca Zip: 93111
	Other Identifiers: Wake Campus 0035 (from 2018 Fusion Report)
	Building Name: Relocatable 28
	Use: Classroom
	Latitude: <u>34.44518</u> Longitude: <u>-119.78792</u>
	Ss: <u>2.254</u> S1: <u>0.797</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 1991 ☒ EST
	Total Floor Area (sq. ft.): 960 Code Year: 1988
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
	Soil Type:   B  C  D  E  F  ONK
	Hard Avg Dense Stiff Soft Poor If DNK, assume Type D. Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK)Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	☐ Plan (type)
	Exterior Falling ☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer ☐ Hazards: ☐ Parapets ☐ Appendages
	Other:
	COMMENTS:
	Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates Light gage steel with plywood
	shearwall seismic system. Corrugated steel sheathing for roof diaphragm.
	DSA approval was found on as-built plans from original location (Carpinteria)
1	but no approved plans occur for current location.
$\dashv$	Site Conditions Observed:

X Additional sketches or comments on separate page

Slight deterioration to the cripple wall sheathing

## BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 FEMA BUILDING TYPE W1A RM1 RM2 URM Do Not W1 W2 **S1** S2 S3 **S4 S5** C1 C2 C3 PC1 PC2 MH (URM (MRF) (BR) (LM) (RC Know (URM (MRF (SW) (TU) (FD) (RD) Basic Score 2.1 1.9 1.8 1.5 1.4 1.6 1.4 1.2 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 0.9 Severe Vertical Irregularity, $V_{L1}$ -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA Moderate Vertical Irregularity, V<sub>L1</sub> -0.6 -0.5 -0.5 -0.4 -0.4 -0.5 -0.4 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.3 NA Plan Irregularity, PL1 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA Pre-Code -0.3 -0.3 -0.3 -0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 0.0 Post-Benchmark 1.9 1.9 2.0 1.0 1.5 1.6 1.6 NA 0.5 1.5 NA 1.4 1.7 NA 17 1.1 1.1 Soil Type A or B 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 Soil Type E (1-3 stories) 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 Soil Type E (> 3 stories) -0.4 -0.4 -0.4 -0.3 -0.3 NA -0.3 -0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA 0.7 0.7 0.7 0.5 0.5 0.3 0.2 0.2 0.3 0.3 1.0 Minimum Score, S<sub>MIN</sub> 0.5 0.5 0.5 0.3 0.3 0.2

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :		(1.1)											
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED											
Exterior:       Partial       All Sides       Aerial         Interior:       None       Visible       Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building											
Drawings Reviewed:       ☑ Yes       ☐ No         Soil Type Source:       DNK         Geologic Hazards Source:       DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions											
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)											
LEVEL 2 SCREENING PERFORMED?         ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK											
Where information cannot be verified, sc	Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know												

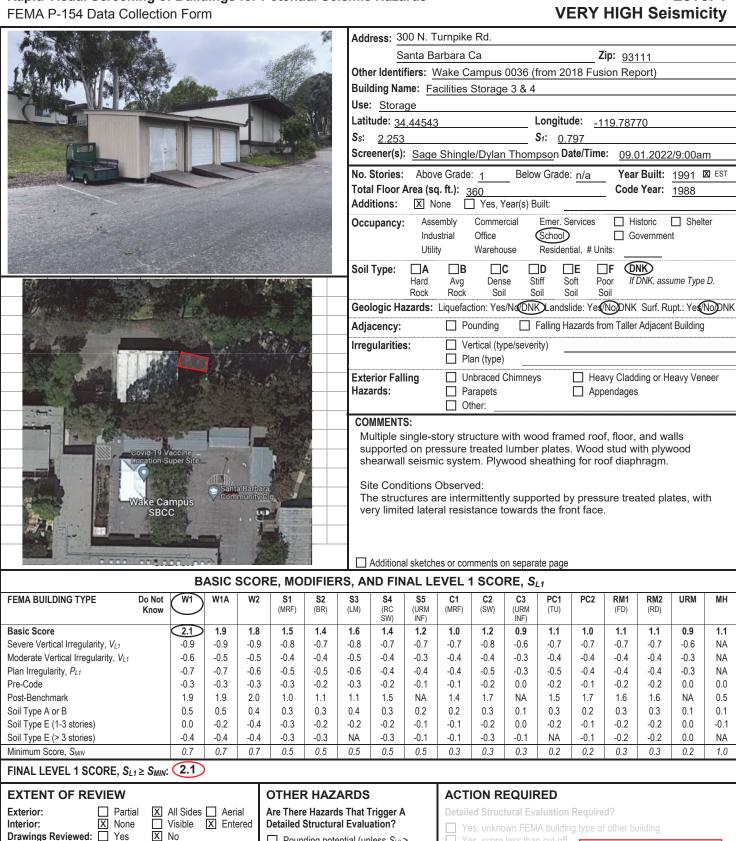
**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022

**SUBJECT:** 0035 - Relocatable 28



Slight Deterioration to Cripple Wall Sheathing



LEVEL 2 SCREENING PERFORMED?

DNK

Geologic Hazards Source: DNK

Soil Type Source:

**Contact Person:** 

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

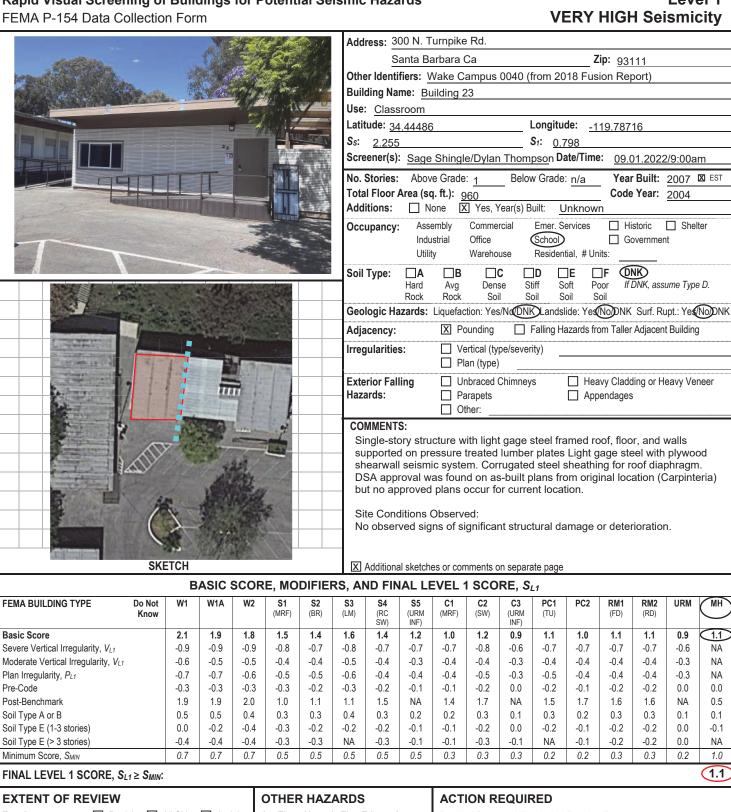
Robert Morales

- $\square$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F Significant damage/deterioration to the structural system
- See Final Report for

Discussion & Conclusions

- **Detailed Nonstructural Evaluation Recommended?** (check one)

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



**EXTENT OF REVIEW** Exterior: Partial X All Sides Aerial Are There Hazards That Trigger A ☐ Visible ☒ Entered Interior: ☐ None **Detailed Structural Evaluation?** Drawings Reviewed: Yes X No  $\square$  Pounding potential (unless  $S_{L2}$  > See Final Report for Soil Type Source: DNK cut-off, if known) Geologic Hazards Source: DNK Discussion & Conclusions Falling hazards from taller adjacent **Contact Person: Robert Morales** building **Detailed Nonstructural Evaluation Recommended?** (check one) Geologic hazards or Soil Type F **LEVEL 2 SCREENING PERFORMED?** Significant damage/deterioration to the structural system Yes, Final Level 2 Score, S<sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know



SKETCH

	VEIXT THOM Seisinicity
	Address: 300 N. Turnpike Rd.
	Santa Barbara Ca Zip: 93111
	Other Identifiers: Wake Campus 0041 (from 2018 Fusion Report)
	Building Name: Building 24
	Use: Classroom
	Latitude: <u>34.44486</u> Longitude: <u>-119.78696</u>
	Ss: <u>2.255</u> S <sub>1</sub> : <u>0.798</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☒ EST
	Total Floor Area (sq. ft.): 960 Code Year: 2004
	Additions: None X Yes, Year(s) Built: Unknown
	Occupancy: Assembly Commercial Emer. Services Historic Shelter
	Industrial Office School Government
	Utility Warehouse Residential, # Units:
4	Soil Type: A B C D E F ONK Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.
	Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	Plan (type)
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer
_	Hazards: Parapets Appendages
٦	X Other: Unpermitted Trellis
-	COMMENTS:
	Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates Light gage steel with plywood
	shearwall seismic system. Corrugated steel sheathing for roof diaphragm.
	DSA approval was found on as-built plans from original location (Carpinteria)
	but no approved plans occur for current location.
$\exists$	Site Conditions Observed:
_	Exterior stair, landing, and high roof addition west courtyard with no physical

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE,  $S_{L1}$ 

plans or permits for review.

X Additional sketches or comments on separate page

FEMA BUILDING TYPE	Do Not	W1	W1A	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	MH
	Know				(MRF)	(BR)	(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)		$\smile$
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, PL1		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE, S <sub>L1</sub> ≥ S <sub>MIN</sub> :		1.1									
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED									
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  Detailed Nonstructural Evaluation Recommended? (check one)									
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No Nonstructural hazards? ☐ Yes X No	Geologic hazards or Soil Type F Significant damage/deterioration to the structural system										
Where information cannot be verified, sci	reener shall note the following: EST = Esti	mated or unreliable data OR DNK = Do Not Know									

**PROJECT:** 220014 - SBCC Seismic Survey

**DATE:** 10/28/2022 **SUBJECT:** 0041 – Building 24



Stair, Landing, & High Roof Addition @ West Courtyard



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<b>福州</b>	-25-1
SKETCH	

	VERT THOS OCISINION
	Address: 300 N. Turnpike Rd.
	Santa Barbara Ca Zip: 93111
	Other Identifiers: Wake Campus 0042 (from 2018 Fusion Report)
	Building Name: Building 19
	Use: Classroom
	Latitude: 34.44456 Longitude: -119.78732
	Ss: <u>2.256</u> S <sub>1</sub> : <u>0.798</u>
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☑ EST
	Total Floor Area (sq. ft.): 960 Code Year: 2004
	Additions: X None Yes, Year(s) Built:
	Occupancy: Assembly Commercial Emer. Services Historic Shelter Industrial Office School Government Utility Warehouse Residential, # Units:
_	Soil Type: A B C D E F DNK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.  Rock Rock Soil Soil Soil Soil
	Geologic Hazards: Liquefaction: Yes/NoDNK)Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building
	Irregularities:
	☐ Plan (type)
	Exterior Falling ☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer ☐ Parapets ☐ Appendages ☐ Other:
	COMMENTS:
	Single-story structure with light gage steel framed roof, floor, and walls
	supported on pressure treated lumber plates Light gage steel with plywood shearwall seismic system. Corrugated steel sheathing for roof diaphragm.
	DSA approval was found on as-built plans from original location (Carpinteria)
_	but no approved plans occur for current location.

X Additional sketches or comments on separate page

Slight deterioration of cripple wall sheathing.

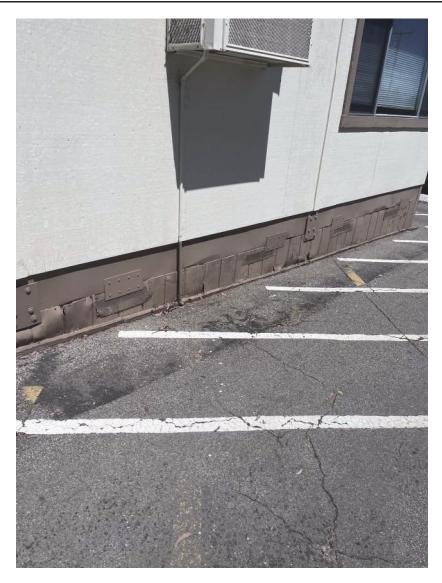
Site Conditions Observed:

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	$\bigcirc 1.1 \bigcirc$
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, VL	1	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ :										
EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED								
Exterior:	Are There Hazards That Trigger A  Detailed Structural Evaluation?  ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent building	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions  Detailed Nonstructural Evaluation Recommended? (check one)								
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	<ul> <li>☐ Geologic hazards or Soil Type F</li> <li>☐ Significant damage/deterioration to the structural system</li> </ul>	Yes, nonstructural hazards identified that should be evaluated  No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary  No, no nonstructural hazards identified  DNK								
Where information cannot be verified, sci	reener shall note the following: EST = Estir	mated or unreliable data OR DNK = Do Not Know								

**PROJECT:** 220014 - SBCC Seismic Survey

DATE: 10/28/2022 **SUBJECT:** 0042 – Building 19



Slight Deterioration of Cripple Wall Sheathing



Address: 300 N. Tu	ırnpike Rd.							
Santa Ba	rbara Ca	<b>Zip</b> : 93111						
Other Identifiers: W	ake Campus 0043	(from 2018 Fusion Report)						
Building Name: Bui	lding 20							
Use: Classroom								
Latitude: 34.44482		Longitude: -119.78729						
<b>S</b> s: 2.255		<b>S</b> <sub>1</sub> : 0.798						
Screener(s): Sage	Shingle/Dylan Thor	npson <b>Date/Time</b> : <u>09.01.2022/9:00am</u>						
	<u> </u>	ow Grade: n/a Year Built: 2007 ☒ EST						
Total Floor Area (sq.	ft.): 960	Code Year: 2004						
Additions: X No	ne  Yes, Year(s)	Built:						
Occupancy: Asser	,	Emer. Services Historic Shelter						
Indus		School Government						
Utility	Warehouse	Residential, # Units:						
Soil Type:   A		D DE DF ONK						
Hard Rock		Stiff Soft Poor <i>If DNK</i> , assume Type D. Soil Soil Soil						
Geologic Hazards: L		IK)Landslide: Yes(No)DNK Surf. Rupt.: Yes(No)DNK						
Adjacency:	□ Pounding □	Falling Hazards from Taller Adjacent Building						
Irregularities:	☐ Vertical (type/seve	erity)						
	☐ Plan (type)							
Exterior Falling	☐ Unbraced Chimne	ys						
Hazards:	☐ Parapets	☐ Appendages						
	Other:							
COMMENTS:								

Single-story structure with light gage steel framed roof, floor, and walls supported on pressure treated lumber plates Light gage steel with plywood shearwall seismic system. Corrugated steel sheathing for roof diaphragm. DSA approval was found on as-built plans from original location (Carpinteria) but no approved plans occur for current location.

Site Conditions Observed:

The lack of space between the adjacent modular building, and the building being located at the end of the block, justify a pounding potential.

Additional sketches or comments on separate page

## BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$

FEMA BUILDING TYPE	Do Not	W1	W1A	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	MH
	Know				(MRF)	(BR)	(LM)	(RC SW)	(URM INF)	(MRF)	(SW)	(URM INF)	(TU)		(FD)	(RD)		$\overline{}$
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

Drawings Reviewed: 
Yes

Geologic Hazards Source: DNK

Soil Type Source:

**Contact Person:** 

Exterior:

Interior:

EVIEW	OTHER HAZARDS	ACTION REQUIRED							
Partial X All Sides Aerial None Visible X Entered Yes X No	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  Yes, unknown FEMA building type or other building							
DNK Source: DNK Robert Morales	<ul> <li>✓ Pounding potential (unless S<sub>L2</sub> &gt; cut-off, if known)</li> <li>☐ Falling hazards from taller adjacent building</li> </ul>	☐ Yes, score less than cut-off☐ Yes, other hazards present☐ No  Detailed Nonstructural Evaluation Recommended? (check one)							
EENING PERFORMED?           2 Score, S <sub>L2</sub>	☐ Geologic hazards or Soil Type F☐ Significant damage/deterioration to the structural system	<ul> <li>Yes, nonstructural hazards identified that should be evaluated</li> <li>No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary</li> <li>No, no nonstructural hazards identified</li> <li>DNK</li> </ul>							
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know									

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 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ X No Nonstructural hazards? ☐ Yes X No

- $\boxtimes$  Pounding potential (unless  $S_{L2}$  > cut-off, if known)
- Falling hazards from taller adjacent building
- Geologic hazards or Soil Type F ☐ Significant damage/deterioration to the structural system

TU = Tilt up

URM INF = Unreinforced masonry infill

MH = Manufactured Housing LM = Light metal

FD = Flexible diaphragm RD = Rigid diaphragm

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	100

0.7

X All Sides Aerial

X No

☐ Visible ☒ Entered

0.7

0.7

0.5

0.5

OTHER HAZARDS

cut-off, if known)

building

Are There Hazards That Trigger A

 $\square$  Pounding potential (unless  $S_{L2}$  >

Falling hazards from taller adjacent

Geologic hazards or Soil Type F

Significant damage/deterioration to the structural system

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR

**Detailed Structural Evaluation?** 

0.5

0.5

TU = Tilt up

0.5

Do Not

Know

	VERY HIGH Seismicity								
	Address: 300 N. Turnpike Rd.								
	Santa Barbara Ca Zip: 93111								
	Other Identifiers: Wake Campus 0044 (from 2018 Fusion Report)								
	Building Name: Building 21								
	Use: Classroom								
	Latitude: <u>34.44482</u> Longitude: <u>-119.78729</u>								
	Ss: <u>2.255</u> S1: <u>0.798</u>								
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am								
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: 2007 ☑ EST								
	Total Floor Area (sq. ft.): 960 Code Year: 2004								
	Additions: X None Yes, Year(s) Built:								
	Occupancy: Assembly Commercial Emer. Services Historic Shelter								
	Industrial Office School Government Utility Warehouse Residential, # Units:								
_	Soil Type: A B C D E F ONK  Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.								
	Rock Rock Soil Soil Soil								
	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes(NoDNK Surf. Rupt.: Yes(NoDNK								
	Adjacency: Pounding Falling Hazards from Taller Adjacent Building								
	Irregularities: Uertical (type/severity)								
	☐ Plan (type)								
	Exterior Falling Unbraced Chimneys Heavy Cladding or Heavy Veneer								
	Hazards: ☐ Parapets ☐ Appendages ☐ Other:								
	COMMENTS:								
_	Single-story structure with light gage steel framed roof, floor, and walls								
_	supported on pressure treated lumber plates Light gage steel with plywood								
	shearwall seismic system. Corrugated steel sheathing for roof diaphragm.								
	DSA approval was found on as-built plans from original location (Carpinteria) but no approved plans occur for current location.								
	Site Conditions Observed:  No observed signs of significant structural damage or deterioration								
	no observed sions of significant structural damage of deterioration								

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, SL1 W1 W1A W2 **S1 S2 S**3 **S4 S5** C1 C2 C3 PC1 PC2 RM1 RM<sub>2</sub> URM MH (URM (MRF) (BR) (LM) (RC (URM (MRF) (SW) (TU) (FD) (RD) 2.1 1.8 1.4 1.6 1.4 1.0 1.2 1.1 1.0 1.1 1.1 0.9 1.1 1.9 1.5 1.2 0.9 -0.9 -0.9 -0.9 -0.8 -0.7 -0.8 -0.7 -0.7 -0.7 -0.8 -0.6 -0.7 -0.7 -0.7 -0.7 -0.6 NA -0.6 -0.5 -0.5 -0.4 -0.5 -0.3 -0.4 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 NA -0.4 -0.4 -0.3 -0.7 -0.7 -0.6 -0.5 -0.5 -0.6 -0.4 -0.4 -0.4 -0.5 -0.3 -0.5 -0.4 -0.4 -0.4 -0.3 NA 0.0 -0.3 -0.3 -0.3-0.3 -0.2 -0.3 -0.2 -0.1 -0.1 -0.2 -0.2-0.1 -0.2 -0.2 0.0 0.0 1.9 1.9 2.0 1.6 0.5 10 15 NA 14 17 NA 15 17 16 NA 1.1 11 0.5 0.5 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.3 0.1 0.3 0.2 0.3 0.3 0.1 0.1 0.0 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 0.0 -0.2 -0.1 -0.2 -0.2 0.0 -0.1 -0.4-0.4 -0.4 -0.3 -0.3 NA -0.3-0.1 -0.1 -0.3 -0.1NA -0.1 -0.2-0.2 0.0 NA

0.3

0.3

0.3

0.2

☐ Additional sketches or comments on separate page

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

**EXTENT OF REVIEW** 

**Drawings Reviewed:** Yes

Geologic Hazards Source: DNK

 $\square$  Yes, Final Level 2 Score,  $S_{L2}$ 

FEMA BUILDING TYPE

Severe Vertical Irregularity, V<sub>L1</sub>

Moderate Vertical Irregularity, VL1

**Basic Score** 

Pre-Code

Exterior:

Interior:

Plan Irregularity, PL1

Post-Benchmark

Soil Type A or B

Soil Type E (1-3 stories)

Soil Type E (> 3 stories)

Minimum Score, SMIN

Soil Type Source:

**Contact Person:** 

Nonstructural hazards?

ACTION REQUIRED	
Detailed Structural Evaluation F	Required?
Yes, unknown FEMA building	y type or other building
Yes, score less than cut-off Yes, other hazards present No	See Final Report for Discussion & Conclusions
Detailed Nonstructural Evaluati	on Recommended? (check one)

0.2

0.3

0.3

0.2

1.0

(1.1)

Legend: MRF = Moment-resisting frame BR = Braced frame

LEVEL 2 SCREENING PERFORMED?

Partial

☐ None

Robert Morales

☐ Yes

DNK

RC = Reinforced concrete SW = Shear wall

X No

X No

URM INF = Unreinforced masonry infill

MH = Manufactured Housing LM = Light metal

DNK = Do Not Know

FD = Flexible diaphragm RD = Rigid diaphragm



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	<b>**</b>
	ALC:

	Address: 300 N. Tur	npike Rd.								
	Santa Bart	bara Ca	<b>Zip</b> : 93111							
	Other Identifiers: Wa	ake Campus 0045	(from 2018 Fu	sion Report)						
	Building Name: Build	ding 22								
	Use: Classroom									
	Latitude: 34.44482		Longitude:	119.78729						
	<b>S</b> s: 2.255		<b>S</b> <sub>1</sub> : 0.798							
	Screener(s): Sage S	hingle/Dylan Thor	mpson Date/Tim	e: <u>09.01.2022/9:00am</u>						
	No. Stories: Above	Grade: 1 Beld	ow Grade: n/a	Year Built: 2007 ☑ EST						
	Total Floor Area (sq. f	ft.): 960		Code Year: 2004						
Additions: X None Yes, Year(s) Built:										
	Occupancy: Assem	nbly Commercial	Emer. Services	☐ Historic ☐ Shelter						
	Industr		School	Government						
	Utility	Warehouse	Residential, # U	nits:						
	Soil Type: $\square A$			□F (DNK)						
		9		Poor <i>If DNK, assume Type D.</i> Soil						
				NoDNK Surf. Rupt.: Ye NoDNK						
	Adjacency:	▼ Pounding □	Falling Hazards f	rom Taller Adjacent Building						
	Irregularities:	☐ Vertical (type/seve	erity)							
		☐ Plan (type)								
	Exterior Falling	☐ Unbraced Chimne	neys							
	Hazards:	☐ Parapets	☐ Appendages							
٦		☐ Other:								
_	COMMENTS:									
				oof, floor, and walls						
	supported on pressure treated lumber plates Light gage steel with plywood shearwall seismic system. Corrugated steel sheathing for roof diaphragm									

DSA approval was found on as-built plans from original location (Carpinteria)

The lack of space between the adjacent modular building, and the building being located at the end of the block, justify a pounding potential.

but no approved plans occur for current location.

Additional sketches or comments on separate page

Site Conditions Observed:

		D	ASIC	SCUR	E, IVIO	חורוב	KO, AI	AD LIL	NAL LI	EVEL	1 300	KE, S	L1					
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>\$2</b> (BR)	<b>S3</b> (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	<b>C2</b> (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	(1.1)
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V	L1	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED						
Exterior:	Are There Hazards That Trigger A Detailed Structural Evaluation?   ☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building ☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No ☐ No ☐ Conclusions						
Contact Person: Robert Morales  LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub> X No  Nonstructural hazards? Yes X No	building Geologic hazards or Soil Type F Significant damage/deterioration to the structural system	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No, no nonstructural hazards identified ☐ DNK						
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know								

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	VERY HIGH Seismicity											
	Address: 300 N. Turnpike Rd.											
	Santa Barbara Ca Zip: 93111											
	Other Identifiers: Wake Campus 0046 (from 2018 Fusion Report)											
	Building Name: Construction Lab Storage 1											
	Use: Storage											
	Latitude: 34.44486 Longitude: -119.78696											
	Ss: <u>2.255</u> S1: <u>0.798</u>											
	Screener(s): Sage Shingle/Dylan Thompson Date/Time: 09.01.2022/9:00am											
	No. Stories: Above Grade: 1 Below Grade: n/a Year Built: Unknown EST											
	Total Floor Area (sq. ft.): 320 Code Year: Unknown											
	Additions: X None Yes, Year(s) Built:											
	Occupancy: Assembly Commercial Emer. Services Historic Shelter											
	Industrial Office (School) Government Utility Warehouse Residential, # Units:											
	Soil Type:   B  C  D  E  D  D  D  D  D  D  D  D  D  D  D											
+	Hard Avg Dense Stiff Soft Poor If DNK, assume Type D.											
$\dashv$	Rock Rock Soil Soil Soil											
4	Geologic Hazards: Liquefaction: Yes/NoDNK Landslide: Yes/NoDNK Surf. Rupt.: Yes/NoDNK											
_	Adjacency: Pounding Falling Hazards from Taller Adjacent Building											
	Irregularities: Uvertical (type/severity)											
	☐ Plan (type)											
	Exterior Falling  Unbraced Chimneys  Heavy Cladding or Heavy Veneer											
	Hazards: ☐ Parapets ☐ Appendages ☐ Other:											
1	COMMENTS:											
-	Single-story structure with wood framed roof, floor, and walls supported											
-	on pressure treated lumber skids. Wood studs with plywood shearwall seismic											
4	system. Corrugated steel sheathing for roof diaphragm.											
	Site Conditions Observed:											
	No observed signs of significant structural damage or deterioration.											

Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S <sub>L1</sub>																	
FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	<b>S3</b> (LM)	<b>S4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, $V_{L1}$		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, P <sub>L1</sub>		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ : (2.1)

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED						
Exterior: ☐ Partial ☒ All Sides ☐ Aerial Interior: ☐ None ☐ Visible ☒ Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building						
Drawings Reviewed:     ☐ Yes     ☒ No       Soil Type Source:     DNK       Geologic Hazards Source:     DNK	□ Pounding potential (unless S <sub>L2</sub> > cut-off, if known)     □ Falling hazards from taller adjacent	Yes, score less than cut-off Yes, other hazards present No  See Final Report for Discussion & Conclusions						
Contact Person: Robert Morales	building ☐ Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)  ☐ Yes, nonstructural hazards identified that should be evaluated ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary ☐ No. no prostructural hazards identified. ☐ DNIC						
LEVEL 2 SCREENING PERFORMED?  ☐ Yes, Final Level 2 Score, S <sub>L2</sub>	Significant damage/deterioration to the structural system							

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know





Address: 300 N. Turr	npike Rd.										
Santa Barb	ara Ca	<b>Zip:</b> 93111									
Other Identifiers: Wake Campus 0047 (from 2018 Fusion Report)											
Building Name: Construction Lab Storage 2											
Use: Storage											
Latitude: 34.44484		Longitude:	-119.78678								
<b>S</b> s: 2.255		<b>S</b> <sub>1</sub> : <u>0.798</u>									
Screener(s): Sage Sh	hingle/Dylan Thor	mpson <b>Date</b> /1	Time: <u>09.01.2022/</u> 9	9:00am							
		ow Grade: <u>n/</u> a									
Total Floor Area (sq. ff			Code Year: ∪n	known							
Additions: X None	e	Built:									
Occupancy: Assemb	,	Emer. Servic	es Historic Government	] Shelter							
Utility	Warehouse	Residential,									
Hard	□B □C  Avg Dense  Rock Soil	D DE Stiff Soft Soil Soil	Poor If DNK, assum	ne Туре D.							
Geologic Hazards: Liq	uefaction: Yes/NoDI	NK)Landslide:	Ye (No)DNK Surf. Rup	t.: YesNoONK							
Adjacency:	Pounding	Falling Hazard	ds from Taller Adjacent E	Building							
Irregularities:	☐ Vertical (type/sev	erity)									
L	Plan (type)										
Exterior Falling  Unbraced Chimneys  Heavy Cladding or Heavy Veneer											
nazarus:	☐ Parapets ☐ Other:	Ц	Appendages								
COMMENTS:											
Single-story str	ucture with wood	framed roof	, floor, and walls su	pported							
			ith plywood shearw	all seismic							
system. Corrugated	d steel sheathing	for roof diap	onragm.								
I											

Site Conditions Observed:

No observed signs of significant structural damage or deterioration.

Additional sketches or comments on separate page

	BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_{L1}$																	
	o Not Know	W1	W1A	W2	S1 (MRF)	<b>S2</b> (BR)	(LM)	<b>\$4</b> (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	МН
Basic Score		2.1	1.9	1.8	1.5	1.4	1.6	1.4	1.2	1.0	1.2	0.9	1.1	1.0	1.1	1.1	0.9	1.1
Severe Vertical Irregularity, V <sub>L1</sub>		-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	NA
Moderate Vertical Irregularity, V <sub>L1</sub>		-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3	NA
Plan Irregularity, PL1		-0.7	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.4	-0.4	-0.5	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	NA
Pre-Code		-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	0.0
Post-Benchmark		1.9	1.9	2.0	1.0	1.1	1.1	1.5	NA	1.4	1.7	NA	1.5	1.7	1.6	1.6	NA	0.5
Soil Type A or B		0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Soil Type E (1-3 stories)		0.0	-0.2	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.0	-0.1
Soil Type E (> 3 stories)		-0.4	-0.4	-0.4	-0.3	-0.3	NA	-0.3	-0.1	-0.1	-0.3	-0.1	NA	-0.1	-0.2	-0.2	0.0	NA
Minimum Score, S <sub>MIN</sub>		0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.0

FINAL LEVEL 1 SCORE,  $S_{L1} \ge S_{MIN}$ :

EXTENT OF REVIEW	OTHER HAZARDS	ACTION REQUIRED							
Exterior: Partial X All Sides Aerial Interior: None Visible X Entered	Are There Hazards That Trigger A Detailed Structural Evaluation?	Detailed Structural Evaluation Required?  ☐ Yes, unknown FEMA building type or other building							
Drawings Reviewed: ☐ Yes ☒ No Soil Type Source: DNK  Geologic Hazards Source: DNK	☐ Pounding potential (unless S <sub>L2</sub> > cut-off, if known) ☐ Falling hazards from taller adjacent	☐ Yes, score less than cut-off ☐ Yes, other hazards present ☐ No  See Final Report for Discussion & Conclusions							
Contact Person: Robert Morales	building  Geologic hazards or Soil Type F	Detailed Nonstructural Evaluation Recommended? (check one)							
LEVEL 2 SCREENING PERFORMED? $\square$ Yes, Final Level 2 Score, $S_{L2}$ $\square$ No         Nonstructural hazards? $\square$ Yes $\square$ No	Significant damage/deterioration to the structural system	☐ Yes, nonstructural hazards identified that should be evaluated     ☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary     ☐ No, no nonstructural hazards identified    ☐ DNK							
Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know									

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