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# **Vulnerability of Some Juneau School District Schools** to Earthquake Damage Based on Rapid Visual Screening

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Prepared for:

Administered by: Funded by:

Juneau School District and Alaska Seismic Hazards Safety Commission The Earthquake Engineering Research Institute Federal Emergency Management Agency



The Federal Emergency Management Agency (FEMA)



The Department of **Homeland Security** (DHS)



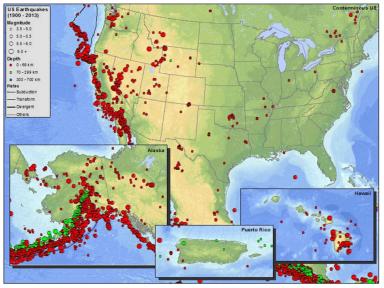
The Earthquake **Engineering Research** Institute (EERI)



The Alaska Seismic Hazards Safety Commission (ASHSC)

#### **Executive Summary:**

BBFM Engineers was contracted by EERI and ASHSC to perform a rapid visual screening of several schools in the Juneau School District. A rapid visual screening is defined by FEMA P-154, which describes it as a "sidewalk survey." The screening process ranks the buildings by approximate level of safety, based on generalizations such as construction type, age of building, detailing practices common at the time, local seismicity, building structural irregularities, and the like.



Sites of major earthquakes in the US (USGS)

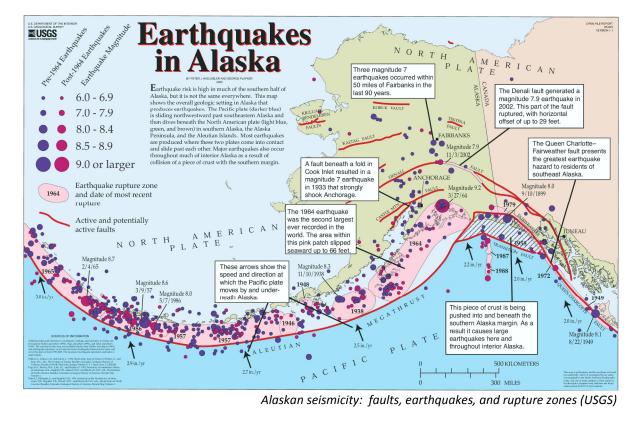
This project reviewed original construction and various additions at Dzantik'l Heeni Middle School, Floyd Dryden Middle School, Gastineau Elementary School, Yakoosge Alternative High School, Mendenhall River Community School, and Riverbend Elementary School. The rapid visual screening process established by FEMA recommends further investigation for all structures investigated except the 1982 addition to Yakoosge Alternative High School. This report ranks the structures by the FEMA estimate of risk.

#### Alaska's Seismicity:

Alaska is among the most seismically active areas on Earth. Over the past 50 years, the United States Geological Survey (USGS) recorded in the United States more than 3,000 earthquakes more powerful than magnitude 5, with approximately 80% of these occurring in Alaska. Further, of the twelve most powerful earthquakes America has ever experienced, ten were located in Alaska. These include the 1964 Great Alaska Earthquake, which remains the second-most powerful ever measured on Earth.

Alaska's intense seismicity is a result of plate tectonics. The Pacific Plate, moving north 2" to 3" per year, slides below the North American Plate at a fault called the Aleutian Megathrust. This tectonic collision and subduction is able to produce an earthquake up to magnitude 9.2, according to the Federal Emergency Management Agency (FEMA). Many other faults occur around the state, and though earthquakes associated with them are not as powerful, they may govern the nearby ground accelerations because of their close proximity.

The strength and duration of Alaska's 1964 earthquake shocked the scientific world, spurring an



increase in research in plate tectonics and seismology. The Alaska Dispatch News chronicled many of these changes in a March 23, 2014 article on the subject: "'The 1964 event changed the way we thought about earthquakes,' said Mike West, state seismologist with the [Alaska Earthquake Center] at the University of Alaska Fairbanks. 'It literally helped prove plate tectonics.'"

The dominant seismic fault in Southeast Alaska is the Queen Charlotte-Fairweather fault, which has generated six earthquakes of magnitude 7 or greater, including a magnitude 8.1 event off the coast of British Columbia in 1949. Near Juneau, this fault is a strike-slip fault moving some 50 millimeters per year.

#### **Building Codes:**

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As noted above, the 1964 Great Alaska. Earthquake changed the geological understanding of earthquakes. It also substantially changed the way building structures are designed. In 1973, the

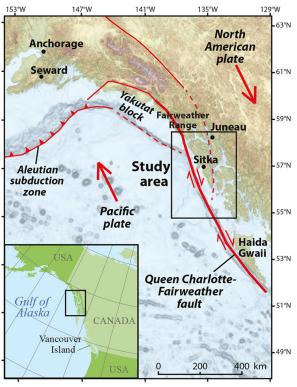
Uniform Building Code was modified to add many new, specific requirements. For example, descriptions of seismic force collectors within floors and roofs were added, as were new detailing requirements for seismic safety in regions of high seismicity. Design seismic forces for braced frames effectively doubled; unreinforced masonry and concrete were now prohibited for all structural elements in regions of high seismicity; gravity-only columns now needed to be designed to have sufficient strength when swaying dramatically during a seismic event.

Since then, building codes have continued to be modernized. In response to observations after other earthquakes and informed by extensive testing, building code committees have continued to increase design seismic forces, establish more robust detailing requirements, and intensify inspection mandates. Schools in particular are now designed for an increased factor of safety because of their importance to their communities. Further, in some cases schools are designed to an even higher level of safety so they can be used as shelters following a major earthquake. Because of these changes and many others, buildings constructed today are much more earthquake-resistant than older buildings.

The fact that older buildings are less earthquake-resistant is significant to Alaska's schools because many of them were constructed before building code modernization began to improve the safety of building construction. As a result, older school buildings are typically less earthquake-safe than newer ones. How much less safe depends on many factors, including age and type of structural system, structural irregularities, building location, and quality of construction. School districts and managers of facilities would benefit greatly from having good information readily available regarding the safety of their facilities. This would enable them to make informed decisions regarding timing and urgency of any further structural reviews and upgrades.

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Faults in Southeast Alaska (USGS)

Troy J. Feller, PE

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#### **Rapid Evaluation of Facilities:**

To that end, FEMA developed a rapid evaluation procedure outlined in their publication P-154, "Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook." This contains a method for evaluating structures' seismic performance very quickly and without great expense, referring to it as a "sidewalk survey." It takes into account the age and type of structure, building height, irregularities in the structure that decrease reliability, and whether it was constructed before the enforcement of design codes and the implementation of construction inspection. FEMA developed this method to provide a tool to give building owners and managers good, actionable information with minimal up-front cost.

The method used by FEMA P-154 to evaluate a building is quite straightforward. It establishes an initial score for each type of structural system (wood shear walls, steel braced frame, and so forth), with a higher score indicating greater reliability. A given building's initial score is then modified (up or down) based on other factors, including the number of stories, vertical structural irregularities, plan structural irregularities, probable soil type, whether it was designed and constructed before codes were generally enforced, and whether it was designed and constructed under substantially modern codes. The evaluator enters the building information, adding and subtracting from the initial score to obtain the final score. FEMA carefully selected the scores and modifications so the final score could carry some readily understandable information. The Third Edition of FEMA 154 notes, in section 5.2:

Fundamentally, the final S score is an estimate of the probability (as described in Chapter 1) if an earthquake occurs with ground motions called the risk-targeted maximum considered earthquake,  $MCE_{R}$ , as described in Chapter 2...

A final score, S, of 3 implies there is a chance of 1 in  $10^3$ , or 1 in 1,000, that the building will collapse if such ground motions occur. A final score, S, of 2 implies there is a chance of 1 in  $10^2$ , or 1 in 100, that the building will collapse if such ground motions occur.

BBFM Engineers makes no statement about these probabilities except to note FEMA's intent in developing the scoring process. Typically a final score below 2.0 is taken as indication that a more detailed investigation is warranted, although that value can be adjusted at the outset of an evaluation project as desired by the owner of the facilities.

Importantly, these scores and risks do not take into account actual member strengths or actual connection reliability, only what is common for similar structural types of similar age. Therefore, the actual building safety may be substantially different from what the scores may indicate. Accordingly, buildings with low scores are noted as requiring further structural investigation to determine whether structural upgrade is warranted. These scores can be used appropriately to identify and rank buildings for their vulnerability to earthquake damage.

#### Alaska School Safety:

As stated in 2010 by the Western States Seismic Policy Council (WSSPC), "Every community is required to educate children, and it is the responsibility of governmental agencies to design and construct safe buildings to house them. While current building codes and construction practices have recognized the effects of earthquakes and provide state-of-the-art design considerations, many older school buildings were built before these principles were understood... These older

buildings have not been properly graded or passed the test of seismic safety. Consequently, many students face significant seismic risk." The WSSPC is a non-profit consortium of eighteen member states and territories including Alaska.

After all, since children are required to attend school and parents lack specific information about the seismic safety of different structures, it is the responsibility of the government to ensure the schools provide a safe learning environment for Alaska's children. Again, schools may be used as emergency shelters after major earthquakes, further raising the importance of the building's successful performance during an earthquake.

According to the Alaska Department of Education, the total enrollment in public school districts in Alaska as of October 1, 2017, was 133,381, which represents a 0.1% increase over the previous year. Of these, 4,778 students are in the Juneau School District, or about 3.6% of the state's total. School districts statewide accept as part of their mission to protect the safety of children as well as facilities whose replacement cost is many billions of dollars.

#### This Study:

In the interest of student safety and community resilience to earthquakes, BBFM Engineers was asked to perform a rapid visual screening of several aging schools in the Juneau School District to determine which schools warrant an in-depth seismic review, and which structures are expected to perform acceptably during a major earthquake. The screening program follows the criteria established by FEMA Publication 154, Third Edition. FEMA refers to this screening program as a "sidewalk survey" because it is intended to be a very quick review of structure type, structure age, structural discontinuities, local seismicity, and the like. These quick reviews are often based on assumptions about the building code in use at the time, the soil type, and more. They do not consider the particular member sizes and connection details used, as would a more in-depth analysis. Rather, FEMA describes the purpose of P-154 this way: "to provide a methodology to evaluate the seismic safety of a large inventory of buildings quickly and inexpensively, with minimum access to the buildings, and determine those buildings that require a more detailed examination." Therefore, rapid visual screening is general by nature. Where the risk of collapse or partial collapse during the Maximum Considered Earthquake appears to exceed 1%, the screening program recommends a detailed structural evaluation specific to the structure.

In this study, BBFM Engineers completed the screening of six schools, half of which have additions. In total, we reviewed ten structures, including original construction and additions. Nine of the ten warrant a more detailed evaluation.

In addition to further review of the ten structures, we also recommend that similar studies be undertaken in all regions of high seismicity throughout the state, especially in light of the cost-effectiveness of the FEMA 154 process, which can be performed for just \$700 to \$1,200 per structure. Studies examining many structures in readily-accessible areas may find economies allowing them to be performed for fees near the lower end of this range, while remote or smaller-scale studies may require a higher fee.

#### **Objectives of this Study:**

This study was funded by FEMA and managed by the Earthquake Engineering Research Institute

(EERI) and the Alaska Seismic Hazards Safety Commission (ASHSC). It is the goal of FEMA and of EERI to improve earthquake safety throughout the country, and to that end they are sponsoring projects in various states to showcase the ease and value of rapid visual observation of schools.

Two goals reside at the core of this study: to show planners how quickly and cost effectively an initial assessment can be performed for schools using FEMA's rapid visual screening program, and to rate a sampling of existing schools to provide the Juneau School District information crucial to their planning purposes. Any buildings of concern can then be prioritized for further study and/or upgrade, as appropriate.

ASHSC looked for a school district with older schools constructed with a variety of structural system types and found a willing participant in the Juneau School District, home of some 3.6% of Alaska's pre-kindergarden through 12th grade students. BBFM reviewed the following six schools:

- 1) Dzantik'l Heeni Middle School
- 2) Floyd Dryden Middle School
- 3) Gastineau Elementary School
- 4) Yakoosge Alternative High School
- 5) Mendenhall River Community School (1983 original)
- 6) Riverbend Elementary School (199

(1992 original)
(1972 original and 1984 addition)
(1956 original and 1965 and 1991 additions)
(1966 original and 1982 addition)
(1983 original)
(1996 original)

BBFM Engineers visited the school district's plans room and copied all available structural drawings. Before we visited the schools themselves, we began a FEMA P-154 data collection form for each structure, inputting all available information: location in relation to known seismic faults, structural system type, year of construction, and more.

BBFM Engineers then visited the schools, photographing their current condition and noting any conditions not shown on the drawings and materials that, during an earthquake, could become pounding or falling hazards. In this manner, the information necessary for the Rapid Visual Screening was obtained.

Upon approval by the Juneau School District, ASHSC can provide a link to the plans, photos, and other supporting information in electronic format, which may prove invaluable for further building assessment or post-earthquake response. Requests for supporting information should be made to the Alaska Seismic Hazards Safety Commission or BBFM Engineers.

#### Cost of this Study:

After administrative overhead, BBFM's combined fee for this study and a parallel study in Sitka (of four structures) was \$24,999 plus up to \$2,000 for travel-related reimbursables. Rapid Visual Screening can be performed at a very minimal cost, even as low as \$700 per structure, depending on availability of drawings, ease of access to schools, and number of schools included in the study.

We uploaded the available structural drawings for all the schools, along with photographs and FEMA P-154 Data Forms onto the cloud, as these could be very useful after a major earthquake. The drawings are in multi-page .pdf format, the standard format for the industry, while the drawings are in .jpg format. ASHSC is able to distribute the URL link when necessary.

#### **Results of the Study:**

Of the ten structures reviewed, the final scores range from 0.6 to 2.0. According to FEMA's guidelines, these represent estimated probabilities of partial or complete collapse of 25% and 1.0%, respectively. These probabilities are dramatically impacted by building design and construction practices common at the time, which may differ significantly from the practices used on these particular structures.

Again, nine of the ten structures exhibited scores below 2.0, which indicates a need for a more detailed investigation of the structure. Further, some of the schools have potential hazards from falling chimneys or pounding from adjacent structures that should be investigated in greater detail. Following are the results for each school, sorted in alphabetical order. Following these results, we have also sorted the schools by final score, which may assist in prioritization of further work.

- 1) Dzantik'i Heeni Middle School: 1992 Original Construction
  - Steel braced frame construction
  - Final score = 0.7; FEMA estimate of collapse risk: 20% \*
  - Detailed investigation is indicated for structural design and detailing.
- 2) Floyd Dryden Middle School: 1972 Original Construction
  - Possibly steel braced frame construction or wood shear wall construction
  - Final score = 0.7 or 1.2; FEMA estimate of collapse risk: 6.3% or 20%
  - Detailed investigation is indicated for structural design and detailing
  - •Detailed investigation is indicated for potential pounding at main entry canopy
- 3) Floyd Dryden Middle School: 1984 Addition
  - Wood shear wall construction
  - Final score = 1.9; FEMA estimate of collapse risk: 1.3%
  - Detailed investigation is indicated for structural design and detailing
- 4) Gastineau Elementary School: 1956 Original Construction
  - Wood shear wall and reinforced concrete shear wall construction
  - Final scores = 1.2 and 0.6; estimate of collapse risk: 6.3% and 25%
  - Detailed investigation is indicated for structural design and detailing
  - Detailed investigation is indicated for potential pounding at front (east) canopy
- 5) Gastineau Elementary School: 1965 Addition
  - Reinforced concrete shear wall construction
  - Final score = 1.2; FEMA estimate of collapse risk: 6.3%
  - Detailed investigation is indicated for structural design and detailing
- 6) Gastineau Elementary School: 1991 Addition
  - Steel braced frame construction
  - Final score = 0.7; estimate of collapse risk: 20%
  - Detailed investigation is indicated for structural design and detailing

#### Riverbend Elementary School: 1996 Addition

Steel braced frame construction

7)

- Final score = 0.7; FEMA estimate of collapse risk: 20% \*
- Detailed investigation is indicated for structural design and detailing.

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- 8) Mendenhall River Community School: 1983 Original Construction
  - Wood shear wall construction
  - Final score = 1.2; FEMA estimate of collapse risk: 6.3%
  - Detailed investigation is indicated for structural design and detailing.
  - Detailed investigation is indicated: falling and pounding hazard from the main entry canopy
- 9) Yakoosge Alternative High School: 1966 Original Construction
  - Reinforced concrete shear wall construction
  - Final score = 0.6; estimate of collapse risk: 25%
  - Detailed investigation is indicated for structural design and detailing Detailed investigation is indicated for the load path at the canopy's diaphragm
- 10) Yakoosge Alternative High School : 1982 Addition
  - Reinforced concrete shear wall construction
  - Final score = 2.0; estimate of collapse risk: 1%
  - Detailed investigation is not indicated

\* Note that even structures like Dzantik'i Heeni and Riverbend, which were constructed in the 1990s, can see high levels of risk resulting from rapid visual screening. This is because building codes modernized a great deal in the years following the 1994 Northridge Earthquake in California. For example, FEMA P-154 does not consider steel braced frames like those used in Dzantik'i Heeni and Riverbend to be "modern" unless they were constructed under the 1997 Uniform Building Code or more recent codes, which have more stringent requirements for design and detailing of braced frame members and connections.

For the sake of prioritization, it may be convenient for the school district to see the six different schools sorted by the highest FEMA estimate of the risk of collapse or partial collapse. That information is provided below.

Gastineau Elementary School	25% FEMA Risk
Yakoosge Alternative High School	25% FEMA Risk
Dzantik'i Heeni Middle School	20% FEMA Risk
Riverbend Elementary School	20% FEMA Risk
Floyd Dryden Middle School	6.3% FEMA Risk
Mendenhall River Community School	6.3% FEMA Risk

With relatively little time or expense, this study has identified many structures that may perform poorly during a major earthquake. The schools appear to pose a significant risk to students in the Juneau School District and to the communities they serve. Nine of the ten original buildings and additions were flagged as requiring further structural attention. In other words, they may pose an unacceptable risk of at least partial collapse during a major earthquake. Following FEMA Publication 154, the four largest contributors to a building's seismic risk are: a) common industry practices when the structure was built, b) type of structural system, c) the presence of and type of structural irregularities, and d) the seismicity of the region.

The study of these schools in the Juneau School District indicates there would be great value in conducting similar studies statewide, where more than 500 public schools serve kindergarten through twelfth grade. It is the responsibility of school districts and school boards, as well as local

and statewide governing bodies, to reduce the risk earthquakes currently pose to students and facilities alike, and this rapid evaluation method would quickly and economically identify those structures requiring further attention.

In a December 17, 2014, interview aired by the Alaska Public Radio Network, Alaska Governor Bill Walker pointed out that the tightness of today's Alaskan economy requires policymakers to be particularly focused on our state's priorities, and that education is a high priority. Fortunately, structural review and upgrade is truly one area where "a stitch in time saves nine." Over time, the cost of not upgrading a deficient structure typically exceeds the cost of improving the structure before a major earthquake hits, and even more so when lives and disruption to society are factored in.

#### **Effectiveness of Seismic Retrofit:**

Various earthquakes have shown that seismic retrofits to a building can substantially improve its performance during a major earthquake. For example, the 2001 Nisqually Earthquake near Olympia, Washington, produced peak ground accelerations 10% to 30% as strong as the acceleration due to gravity. Reviewing the aftermath, the California Seismic Safety Commission determined that "One hundred and one schools and buildings had been retrofitted for structural components and seven had been retrofitted for non-structural components in the Seattle Public Schools District when the Nisqually earthquake occurred. None of the districts schools suffered significant structural damage. Non-structural damage to colleges and universities included toppling of bookcases and the localized flooding due to a ruptured water line. Some primary and secondary schools in Olympia and Seattle suffered limited structural (damaged beams and columns) and non-structural damage from strong ground shaking."

A second example is the magnitude 6 earthquake that struck Napa, California, in 2014, producing peak ground accelerations of 60% to 100% as strong as the acceleration due to gravity. The earthquake and its aftershocks injured 90 people and caused approximately \$1 billion of damage. Engineering News-Record reported on September 3, 2014:

The epicenter of the American Canyon quake was at the heart of the Napa school district's 30 campuses. Subsequently, three architectural and engineering teams assessed "every room in every school" and observed no structural damage following the quake, says Mark Quattrocchi, principal of Kwok Quattrocchi Architects and one of the survey team members... The schools performed so well because they are built or retrofitted according to much stricter seismic codes than commercial and residential buildings.

"There was no structural damage to any school in the district, even the ones built to older codes in the 1940s, 1950s and 1960s," says Quattrocchi. "Part of this is because seismic upgrades at the schools are treated the same as building an entirely new facility," he adds.

Schools fared well for three reasons: seismic building codes that are more stringent than those for commercial buildings, methodical reviews by the Division of the State Architect and "full-time" state inspection on school construction sites, Quattrocchi says."

For buildings shown to be vulnerable to collapse during earthquakes, seismic retrofit can substantially improve the buildings' performance during a major earthquake.

Further, grants may be available from FEMA and other groups to facilitate seismic upgrades to school buildings.

#### **Recommendations:**

We urge planners and policymakers to implement a program to assess rapidly and inexpensively the vulnerability of schools to earthquakes, both for the safety of the students and to protect financial investments across the state. The cost would be approximately about \$700 to \$1,200 per original structure or addition, depending on availability of drawings, ease of access to the schools, and number of schools being included in the study.

We also encourage further structural review for the nine structures identified in this report as posing unacceptable seismic risk. That review should be performed by a qualified structural engineering firm and should include a careful review of the specific loads, members, and connection details specific to these structures. Where appropriate, this additional analysis should include preliminary recommendations for structural upgrade, which can be fleshed out under a separate contract for preparation of construction documents.

For the safety of the students and to protect financial investments across the state, we urge planners and policymakers to implement a program to assess rapidly the vulnerability of schools to earthquakes. This program can be surprisingly inexpensive, costing as little as \$700 to \$1200 per structure, while effectively indicating which structures would or would not warrant further review. An added benefit of this process is that we have developed a database of photographs, structural plans, and other critical information and placed it on the cloud, where it will be readily available after a major earthquake. We also encourage further structural review and possible seismic retrofit for the nine structures identified in this report as requiring a more detailed investigation.

**BBFM Engineers** 

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## Rapid Visual Screening of Juneau Schools for Seismic Risk

Appendix A

FEMA P-154 Third Edition Data Collection Forms

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Rapid Visual Screening of Juneau Schools for Seismic Risk

FEMA P-154 Data Collection Form

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FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, VL1       Moderate Vertical Irregularity, VL1	B W1 3.6 -1.2 -0.7	W1A 3.2 -1.2 -0.7	W2 2.9 -1.2 -0.7	S1 (MRF) 2.1 -1.0 -0.6	S2 (BR) 2.0 -1.0 -0.6	<b>RS, A</b> S3 (LM) <b>2.6</b> -1.1 -0.7	ND FIN S4 (RC SW) 2.0 -1.0 -0.6	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5	EVEL 1 (MRF) 1.5 -0.9 -0.5	1 SCO (SW) 2.0 -1.0 -0.6	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4	L1 PC1 (TU) 1.6 -1.0 -0.6	PC2 1.4 -0.9 -0.5	(FD) 1.7 -0.9 -0.5	(RD) 1.7 -0.9 -0.5	<b>1.0</b> -0.7 -0.4	1.5 NA NA
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, VL1	B W1 3.6 -1.2	W1A 3.2 -1.2	W2 2.9 -1.2	S1 (MRF) 2.1 -1.0 -0.6 -0.8	S2 (BR) 2.0 -1.0	<b>RS, A</b> S3 (LM) <b>2.6</b> -1.1	ND FIN S4 (RC SW) 2.0 -1.0	S5 (URM INF)           1.7           -0.8	EVEL 1 (MRF) 1.5 -0.9	1 SCO (SW) 2.0 -1.0	<b>RE, S</b> C3 (URM INF) <b>1.2</b> -0.7	L1 PC1 (TU) 1.6 -1.0	PC2 1.4 -0.9	(FD) 1.7 -0.9	(RD) 1.7 -0.9	<b>1.0</b> -0.7	1.5 NA
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, VL1       Moderate Vertical Irregularity, VL1     Plan Irregularity, VL1       Plan Irregularity, PL1     Pre-Code       Post-Benchmark     Post-Benchmark	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9	S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA	<b>EVEL</b> 2 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9	<b>1 SCO</b> C2 (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4 -0.5 -0.1 NA	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA	1.5 NA NA -0.1 1.2
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{\ell 1}$ Moderate Vertical Irregularity, $V_{\ell 1}$ Plan Irregularity, $P_{\ell 1}$ Pre-Code       Post-Benchmark       Soil Type A or B	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6	<b>RS, A</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4	<b>1 SCO</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA 0.3	1.5 NA NA -0.1 1.2 0.3
FEMA BUILDING TYPEDo Not KnowBasic ScoreSevere Vertical Irregularity, $V_{\ell 1}$ Moderate Vertical Irregularity, $V_{\ell 1}$ Plan Irregularity, $P_{\ell 1}$ Pre-CodePost-BenchmarkSoil Type A or BSoil Type E (1-3 stories)	B W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6           -0.4	<b>RS, A</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4	<b>EVEL</b> 1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0	<b>1 SCO</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{\ell 1}$ Moderate Vertical Irregularity, $V_{\ell 1}$ Plan Irregularity, $P_{\ell 1}$ Pre-Code       Post-Benchmark       Soil Type A or B	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6	<b>RS, A</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4	<b>1 SCO</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA 0.3	1.5 NA NA -0.1 1.2 0.3
FEMA BUILDING TYPEDo Not KnowBasic ScoreSevere Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-CodePost-BenchmarkSoil Type A or BSoil Type E (1-3 stories)Soil Type E (> 3 stories)	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 1.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6	S2         (BR)           2.0         -1.0           -0.6         -0.7           -0.6         -0.4           -0.6         -0.4	<b>RS, A</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	<b>EVEL</b> 1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5	<b>1 SCO</b> C2 (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPEDo Not KnowBasic ScoreSevere Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-CodePost-BenchmarkSoil Type A or BSoil Type E (1-3 stories)Soil Type E (> 3 stories)Minimum Score, $S_{MIIV}$	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 1.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 0.7	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6           0.5	<b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	EVEL 1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3	<b>1 SCO</b> C2 (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{\ell 1}$ Moderate Vertical Irregularity, $V_{\ell 1}$ Plan Irregularity, $P_{\ell 1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MNV}$ EXTENT OF REVIEW         Exterior:       Partial	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.1 All Sides	W1A           3.2           -1.2           -0.7           -1.0           1.9           0.3           0.2           -0.6           0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 <b>OTHEI</b> Are Ther	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5 0.7 R HAZ	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 <b>ARDS</b> s That	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 Trigger #	S5           (URM           INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           0.5	EVEL 1           C1 (MRF)           1.5           -0.9           -0.5           -0.6           -0.4           1.9           0.4           0.0           -0.55	C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           0.3	RE, S C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 -0.1 -0.5 -0.3	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible	W1A           3.2           -1.2           -0.7           -1.0           1.9           0.3           0.2           -0.6           0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 <b>OTHEI</b> Are Ther Detailed	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 0.7 R HAZ/ e Hazard Structura	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalu	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 Trigger <i>I</i> tation?	S5           (URM           INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACT Detaile □ Ye	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno	RE, S, C3 (UR INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pown FEM	L1 PC1 (TU) -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 0.3	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ Exterior:       Partial         Interior:       X         None       D         Drawings Reviewed:       Yes	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5 0.7 R HAZ/ e Hazard Structura	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 Trigger <i>I</i> tation?	S5           (URM           INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACT Detaile ∑ Ye ∑ Ye	C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           0.3           ION R           ed Structes, unknows, score	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pwn FEM less thai	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluatior IA buildii n cut-off	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 0.3	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 -0.4 -0.6 0.5 <b>0.7</b> <b>R HAZ</b> R HAZ	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalu ential (ur /n)	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 Trigger A tation? hless SL2	S5         (URM INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACT Detaile ∑ Ye ∑ Ye	C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           0.3	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pwn FEM less thai	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluatior IA buildii n cut-off	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 0.3	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X         Drawings Reviewed:       X         Yes       Soil Type Source:	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.2           -0.6           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 <b>0.7</b> <b>R HAZ</b> R HAZ Structura ding pote aff, if known g hazard ing	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur rn) s from ta	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	ST         URM           (URM         INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACTI Detaile □ Yee □ Yee □ Ne	C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           0.3	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pwn FEM less that hazards	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off present	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 PC2	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other b	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MMN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MMN}$ Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:	B W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         -1.0         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.2           -0.6           0.2           -0.6           0.7           -0.6           0.7           Detailed           Pour cut-o           □ Fallit           build           □ Geol	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.7 C.7 R HAZ Structura ding pote ff, if know ng hazard ing ogic haza	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur /n) s from ta	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	ST         ST           (URM         INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5	C1           (MRF)           1.5           -0.9           -0.5           -0.6           -0.4           1.9           0.4           0.0           -0.55           Detaile           Ye           Not           Detaile           Ye           Detaile	I         SCO           C2 (SW)         2.0           -1.0         -0.6           -0.7         2.1           0.5         0.0           -0.7         2.3	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Ev. pwn FEM less that hazards tructura	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluatior A buildin n cut-off present I Evalua	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 PC2	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other b	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding ded? (cf	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X         None       Drawings Reviewed:         Geologic Hazards Source:       Contact Person:         LEVEL 2 SCREENING PERFORM	B W1 3.6 -1.2 -0.7 -1.1 1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.4           0.4           -0.2           -0.6           Are Ther           Detailed           Pour           cut-cut-cut-cut-cut-cut-cut-cut-cut-cut-	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 <b>0.7</b> <b>R HAZ</b> R HAZ Structura ding pote aff, if known g hazard ing	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur /n) s from ta rds or S mage/de	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	ST         ST           (URM         INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACTI Detaile □ Ye □ Netaile □ Ye □ Netaile	I SCO           C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           2.3           ION R           ed Struct           es, unknow           es, score           es, other           o           ed Nons           es, nonstr           o, nonstr	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pwn FEM less that hazards tructural h	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluatior I buildin n cut-off present I Evaluation	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 n Require ng type o ation Rec identifiec exist that	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other b commen d that shot	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding ded? ( <i>cf</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MMV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MMV}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERFORMED         Yes, Final Level 2 Score, $S_{L2}$	B W1 3.6 -1.2 -0.7 -1.1 1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.4           0.4           -0.2           -0.6           Are Ther           Detailed           Pour           cut-cut-cut-cut-cut-cut-cut-cut-cut-cut-	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 <b>O.7</b> <b>R HAZ</b> Adding pote off, if known ag hazardi structura ding pote ogic hazardi	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur /n) s from ta rds or S mage/de	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	ST         ST           (URM         INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.4         -0.5           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5	EVEL 1 C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACT Detaile ∑ Ye ∑ Ye ∑ Ye D No Detaile ∑ Ye D No	I SCO           C2 (SW)           2.0           -1.0           -0.6           -0.8           -0.7           2.1           0.5           0.0           -0.7           0.3           ION R           ed Struct           es, score           es, other           o           o           ed Nons           es, nonstruct           o, nonstruct	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Ev. bwn FEM less than hazards tructural h valuation	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation RED aluation the building n cut-off present LEValuation LEValuation A building n cut-off present LEValuation A building n cut-off present LEValuation A building n cut-off present LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEValuation LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL LEVAL 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( <i>cf</i> puld be ev uire mitig	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MNV}$ EXTENT OF REVIEW       Exterior:         Exterior:       Partial         Interior:       X         Soil Type Source:       Geologic Hazards Source:         Contact Person:	B W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 0.7 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           0.2           -0.6           1.4           0.4           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 0.7 R HAZA Structura ding pote ff, if knowng hazard ing ogic hazard fficant dar tructural st	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur n) s from ta rds or S mage/de system	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           -0.5         Trigger #           hation?	S5         (URM           INF)         1.7           -0.8         -0.5           -0.6         -0.2           NA         0.5           -0.4         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.4           0.5         -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	I SCO           C2 (SW)           2.0           -1.0           -0.6           -0.7           2.1           0.5           0.0           -0.7           2.3           ION R ed Structes, unkno es, score es, other o           ed Structes, score es, other o           ed Nons es, nonstructailed ev o, no nor	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo pwn FEM less that hazards tructural hazards tructural hazards	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation RED aluation n cut-off present I Evaluat hazards e is not ne al hazards	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 <b>Require</b> ng type of ation Rec identified exist that ecessary ds identified	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other b commen d that sho may request	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding ded? ( <i>cl</i> build be e' uire mitig DNK	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MMV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MMV}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERFORMED         Yes, Final Level 2 Score, $S_{L2}$	B W1 3.6 -1.2 -0.7 -1.1 1.1 1.6 0.1 0.2 -0.3 7.7 All Sides Visible No DRME	W1A         3.2         -1.2         -0.7         -1.0         -1.0         0.3         0.2         -0.6         0.9	W2           2.9           -1.2           -0.7           -1.0           -0.9           2.2           0.5           0.1           -0.9           0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           0.2           -0.6           1.4           0.4           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 <b>O.7</b> <b>R HAZ</b> Adding pote off, if known ag hazardi Structura structural st fing hazardi	RS, Al S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur /n) s from ta rds or S mage/de system <i>e follow</i>	ND FIN           S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6           1.9           0.6           -0.1           -0.6           1.9           0.6           -0.1           -0.6           0.5           Trigger I           hation?           aller adja           soil Type           eterioratic	ST         ST           (URM INF)         1.7           -0.8         -0.5           -0.6         -0.2           NA         0.5           -0.4         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.4           -0.5         -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	I SCO           C2 (SW)           2.0           -1.0           -0.6           -0.8           -0.7           2.1           0.5           0.0           -0.7           2.1           0.5           0.0           -0.7           2.3           ION R           ed Structes, unknowned, score ess, other one ess, other one ess, other one on on or on	RE, S,           C3           (URM INF)           1.2           -0.7           -0.4           -0.5           -0.1           NA           0.3           -0.2           -0.3           0.3           EQUIF           tural Evo           own FEM           less that           hazards           tructural h           ructural h           ratuation           ostructura           able data	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation A buildin n cut-off present I Evalua hazards e is not ne al hazards a <i>OR</i>	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 <b>Require</b> ng type of ation Rec identified exist that ecessary ds identified	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 -0.1 -0.5 0.3 0.3 ed? r other b commen d that sho may required Ed (20) Co Not K	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding ded? ( <i>ct</i> ) puld be evidenting DNK how	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA 7.0

FEMA P-154 Data Collection Form

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FEMA BUILDING TYPE	Do Not Know	W1	W1A	W2	<b>S1</b> (MRF)	S2 (BR)	S3 (LM)	<b>S4</b> (RC	S5 (URM	C1 (MRF)	C2 (SW)	C3 (URM	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score		3.6	3.2	2.9	2.1	2.0	2.6	SW) 2.0	INF) 1.7	1.5	2.0	INF) 1.2	1.6	1.4	1.7	1.7	1.0	1.5
Severe Vertical Irregularity, VL1		-1.2	-1.2	-1.2	-1.0	-1.0	-1.1	-1.0	-0.8	-0.9	-1.0	-0.7	-1.0	-0.9	-0.9	-0.9	-0.7	NA
Moderate Vertical Irregularity, $V_{L1}$		-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, <i>P</i> <sub>L1</sub> Pre-Code		-1.1 -1.1	-1.0 -1.0	-1.0	-0.8 -0.6	-0.7 -0.6	-0.9 -0.8	-0.7 -0.6	-0.6 -0.2	-0.6 -0.4	-0.8 -0.7	-0.5 -0.1	-0.7 -0.5	-0.6 -0.3	-0.7 -0.5	-0.7 -0.5	-0.4 0.0	NA -0.1
Post-Benchmark		1.6	1.9	2.2	1.4	1.4	1.1	1.9	NA	1.9	2.1	NA	2.0	2.4	2.1	2.1	NA	1.2
Soil Type A or B Soil Type E (1-3 stories)		0.1 0.2	0.3 0.2	0.5 0.1	0.4 -0.2	0.6 -0.4	0.1 0.2	0.6 -0.1	0.5 -0.4	0.4	0.5 0.0	0.3 -0.2	0.6 -0.3	0.4 -0.1	0.5 -0.1	0.5 -0.1	0.3 -0.2	0.3 -0.4
Soil Type E (> 3 stories)		-0.2	-0.6	-0.9	-0.2	-0.4 -0.6	0.2 NA	-0.1 -0.6	-0.4 -0.4	-0.5	-0.7	-0.2 -0.3	-0.3 NA	-0.1	-0.1 -0.5	-0.1 -0.6	-0.2 -0.2	-0.4 NA
Minimum Score, S <sub>MIN</sub>		1.1	0.9	0.7	0.5	0.5	0.6	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:			1.2														
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Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       Contact Person:         LEVEL 2 SCREENING F       Yes, Final Level 2 Score, SL2         Nonstructural hazards?       Yes         Where inform       Yes	PERFO	o RMEI	D?	0 d, scre	cut-c Fallir build Geol Signi the s	ff, if know ng hazard ogic haza ficant dar tructural s <i>Il note th</i>	vn) s from ta urds or S mage/de system	aller adja oil Type terioratic <i>ving: ES</i>	cent F on to	Detaile Detaile Ye No de D No de mated o	ed Nonst es, nonstru b, nonstru tailed eva b, no non r unrelia	ructural h ructural h aluation i structura	I Evalua nazards azards e is not ne al hazard	identified xist that i cessary Is identifie	that sho may requ ed [ o Not Ki	ould be ev uire mitiga	/aluated	

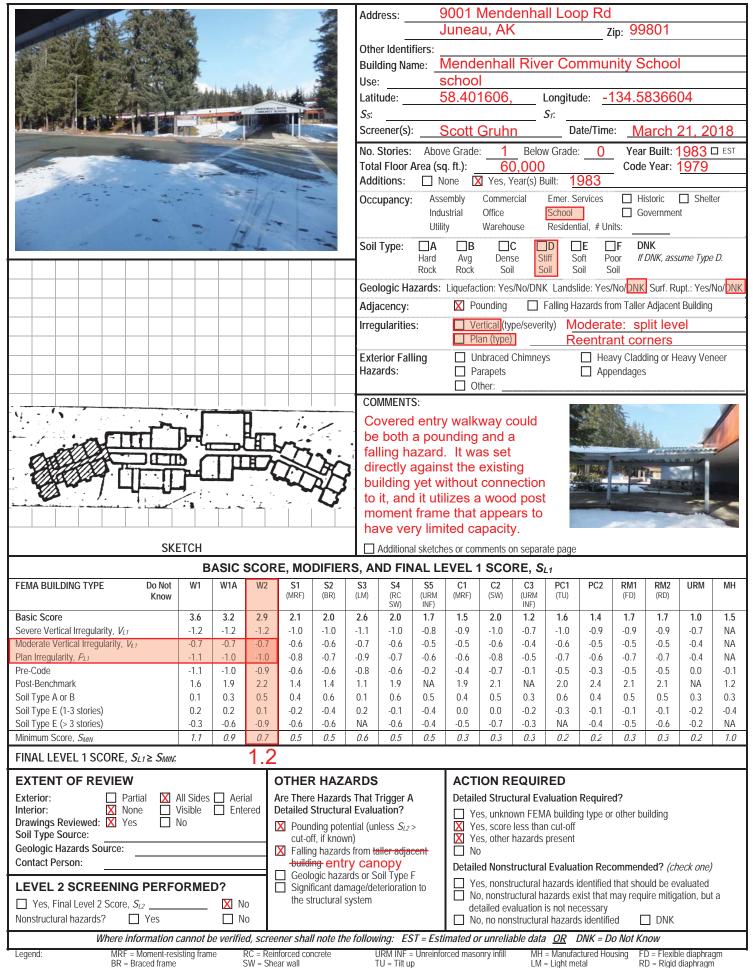
FEMA P-154 Data Collection Form

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FEMA BUILDING TYPE Do Not	W1	W1A	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM	MH
Know			112	(MRF)	(BR)	(LM)	(RC	(URM	(MRF)	(SW)	(URM	(TU)	1.02	(FD)	(RD)	Ortim	
Basic Score	3.6	3.2	2.9	2.1	2.0	2.6	SW) 2.0	INF) 1.7	1.5	2.0	INF) 1.2	1.6	1.4	1.7	1.7	1.0	1.5
Severe Vertical Irregularity, $V_{L1}$	-1.2	-1.2	-1.2		-1.0	-1.1	-1.0	-0.8	-0.9	-1.0	-0.7	-1.0	-0.9	-0.9	-0.9	-0.7	NA
Moderate Vertical Irregularity, VL1	-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, $P_{L1}$	-1.1	-1.0	-1.0		-0.7	-0.9	-0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code	-1.1	-1.0	-0.9		-0.6	-0.8	-0.6	-0.2	-0.4	-0.7	-0.1	-0.5	-0.3	-0.5	-0.5	0.0	-0.1
		1.0	2.0	14		1 1	10	N1.0	1.0	2.1	A LA	2.0	24	2.1	0.1	NI A	1.2
Post-Benchmark	1.6	1.9 0.3	2.2	1.4	1.4	1.1 0.1	1.9	NA 0.5	1.9 0.4	2.1	NA 0.3	2.0	2.4	2.1	2.1 0.5	NA 0.3	
Post-Benchmark Soil Type A or B	1.6 0.1	0.3	0.5	0.4	0.6	0.1	0.6	0.5	0.4	0.5	0.3	0.6	0.4	0.5	0.5	0.3	0.3
Post-Benchmark	1.6																
Post-Benchmark Soil Type A or B Soil Type E (1-3 stories)	1.6 0.1 0.2	0.3 0.2	0.5 0.1	0.4 -0.2	0.6 -0.4	0.1 0.2	0.6 -0.1	0.5 -0.4	0.4 0.0	0.5 0.0	0.3 -0.2	0.6 -0.3	0.4 -0.1	0.5 -0.1	0.5 -0.1	0.3 -0.2	0.3 -0.4
Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, <i>S<sub>MIN</sub></i>	1.6 0.1 0.2 -0.3 <i>1.1</i>	0.3 0.2 -0.6	0.5 0.1 -0.9 <i>0.7</i>	0.4 -0.2 -0.6 0.5	0.6 -0.4 -0.6	0.1 0.2 NA	0.6 -0.1 -0.6	0.5 -0.4 -0.4	0.4 0.0 -0.5	0.5 0.0 -0.7	0.3 -0.2 -0.3	0.6 -0.3 NA	0.4 -0.1 -0.4	0.5 -0.1 -0.5	0.5 -0.1 -0.6	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$	1.6 0.1 0.2 -0.3 <i>1.1</i>	0.3 0.2 -0.6	0.5 0.1 -0.9	0.4 -0.2 -0.6 0.5	0.6 -0.4 -0.6 <i>0.5</i>	0.1 0.2 NA <i>0.6</i>	0.6 -0.1 -0.6 <i>0.5</i>	0.5 -0.4 -0.4	0.4 0.0 -0.5 <i>0.3</i>	0.5 0.0 -0.7 <i>0.3</i>	0.3 -0.2 -0.3 <i>0.3</i>	0.6 -0.3 NA <i>0.2</i>	0.4 -0.1 -0.4	0.5 -0.1 -0.5	0.5 -0.1 -0.6	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, <i>S</i> <sub>MIN</sub> FINAL LEVEL 1 SCORE, <i>S</i> <sub>L1</sub> ≥ <i>S</i> <sub>MIN</sub> EXTENT OF REVIEW	1.6 0.1 0.2 -0.3 <i>1.1</i>	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i>	0.4 -0.2 -0.6 0.5 2 OTHER	0.6 -0.4 -0.6 <i>0.5</i>	0.1 0.2 NA 0.6	0.6 -0.1 -0.6 0.5	0.5 -0.4 -0.4 <i>0.5</i>	0.4 0.0 -0.5 <i>0.3</i>	0.5 0.0 -0.7 <i>0.3</i>	0.3 -0.2 -0.3 <i>0.3</i>	0.6 -0.3 NA <i>0.2</i>	0.4 -0.1 -0.4 <i>0.2</i>	0.5 -0.1 -0.5 <i>0.3</i>	0.5 -0.1 -0.6	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark Soil Type A or B Soil Type E (1-3 stories) Soil Type E (> 3 stories) Minimum Score, <i>S</i> <sub>MIN</sub> FINAL LEVEL 1 SCORE, <i>S</i> <sub>L1</sub> ≥ <i>S</i> <sub>MIN</sub> EXTENT OF REVIEW Exterior: □ Partial X	1.6 0.1 0.2 -0.3 <i>1.1</i> All Sides	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 OTHEF	0.6 -0.4 -0.6 <i>0.5</i> <b>R HAZ</b>	0.1 0.2 NA 0.6 ARDS s That	0.6 -0.1 -0.6 0.5	0.5 -0.4 -0.4 <i>0.5</i>	0.4 0.0 -0.5 0.3 ACT Detaile	0.5 0.0 -0.7 <i>0.3</i> ION R	0.3 -0.2 -0.3 <i>0.3</i> EQUIF	0.6 -0.3 NA <i>0.2</i>	0.4 -0.1 -0.4 0.2	0.5 -0.1 -0.5 0.3	0.5 -0.1 -0.6 <i>0.3</i>	0.3 -0.2 -0.2	0.3 -0.4 NA
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, SL1 ≥ SMIN         EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None	1.6 0.1 0.2 -0.3 <i>1.1</i> All Sides Visible	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 OTHER Are Ther Detailed	0.6 -0.4 -0.6 0.5 <b>R HAZ</b> e Hazard Structura	0.1 0.2 NA 0.6 ARDS s That al Evalu	0.6 -0.1 -0.6 0.5 Trigger A uation?	0.5 -0.4 -0.4 <i>0.5</i>	0.4 0.0 -0.5 0.3 ACT Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc	0.3 -0.2 -0.3 0.3 EQUIF tural Evo	0.6 -0.3 NA <i>0.2</i> RED aluation A buildir	0.4 -0.1 -0.4 0.2	0.5 -0.1 -0.5 <i>0.3</i>	0.5 -0.1 -0.6 <i>0.3</i>	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, SMMN         FINAL LEVEL 1 SCORE, SL1≥ SMMN         EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None         Drawings Reviewed:       X Yes         Soil Type Source:       Yes	1.6 0.1 0.2 -0.3 <i>1.1</i> All Sides Visible	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 OTHEI Are Ther Detailed	0.6 -0.4 -0.6 0.5 <b>R HAZ</b> e Hazard Structura	0.1 0.2 NA 0.6 ARDS s That al Evalu	0.6 -0.1 -0.6 0.5 Trigger A uation?	0.5 -0.4 -0.4 <i>0.5</i>	0.4 0.0 -0.5 0.3 ACT Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno	0.3 -0.2 -0.3 0.3 EQUIF tural Evo own FEM less that	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off	0.4 -0.1 -0.4 0.2	0.5 -0.1 -0.5 0.3	0.5 -0.1 -0.6 <i>0.3</i>	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, SMMN         FINAL LEVEL 1 SCORE, SL1≥ SMMN         EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:	1.6 0.1 0.2 -0.3 <i>1.1</i> All Sides Visible	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 <b>OTHER</b> Are Ther Detailed X Poun cut-o	0.6 -0.4 -0.6 0.5 R HAZ e Hazard Structura ding pote ff, if know	0.1 0.2 NA 0.6 ARDS s That al Evalu ential (un m)	0.6 -0.1 -0.6 0.5 Trigger A uation?	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 ACT Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other	0.3 -0.2 -0.3 0.3 EQUIF tural Evo	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off	0.4 -0.1 -0.4 0.2	0.5 -0.1 -0.5 0.3	0.5 -0.1 -0.6 <i>0.3</i>	0.3 -0.2 -0.2	0.3 -0.4 NA
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, SMMN         FINAL LEVEL 1 SCORE, SL1≥ SMMN         EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None         Drawings Reviewed:       X Yes         Soil Type Source:       Yes	1.6 0.1 0.2 -0.3 <i>1.1</i> All Sides Visible	0.3 0.2 -0.6 <i>0.9</i>	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 <b>OTHE!</b> Are Ther Detailed X Poun cut-o D Fallir build	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng	0.1 0.2 NA 0.6 ARDS as That al Evaluential (un n) s from t	0.6 -0.1 -0.6 0.5 Trigger A lation? nless SL2 aller adjace	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 <b>ACT</b> Detaile X Ye X Ye X Ye	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other	0.3 -0.2 -0.3 0.3 EQUIF tural Ev. bwn FEM less that hazards	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present	0.4 -0.1 -0.4 0.2	0.5 -0.1 -0.5 0.3	0.5 -0.1 -0.6 0.3	0.3 -0.2 -0.2	0.3 -0.4 NA 1.0
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:	1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	0.3 0.2 -0.6 0.9	0.5 0.1 -0.9 <i>0.7</i> 1	0.4 -0.2 -0.6 0.5 2 OTHE! Are Ther Detailed M Poun cut-o F Fallin build	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng ogic haza	0.1 0.2 NA 0.6 ARDS s That al Evaluential (un m) s from t	0.6 -0.1 -0.6 0.5 Trigger A iation? nless SL2 aller adja	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 ACT Detaile Ye Ye Ve Detaile Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other o ed Nons es, nonst	0.3 -0.2 -0.3 0.3 EQUIF tural Ev. bwn FEM less that hazards tructural f	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua	0.4 -0.1 -0.4 0.2 Require ng type o tion Rec	0.5 -0.1 -0.5 0.3 ed? r other bu	0.5 -0.1 -0.6 0.3 uilding	0.3 -0.2 -0.2 0.2	0.3 -0.4 NA <i>1.0</i>
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, Smmw         FINAL LEVEL 1 SCORE, SL1≥ Smm         EXTENT OF REVIEW         Exterior:       Partial         Interior:       X None         Drawings Reviewed:       X Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF	1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	0.3 0.2 -0.6 0.9	0.5 0.1 -0.9 <i>0.7</i> <b>1.2</b> ial ered	0.4 -0.2 -0.6 0.5 2 OTHEI Are Ther Detailed X Poun cut-o Fallir build Geol Signi	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng ogic haza	0.1 0.2 NA 0.6 ARDS s That al Evaluential (un m) s from t rds or S mage/de	0.6 -0.1 -0.6 0.5 Trigger A lation? nless SL2 aller adjace	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 ACT Detaile Ye No Detaile Ye No	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other o ed Nons es, nonstru	0.3 -0.2 -0.3 0.3 EQUIF tural Ev. own FEM less that hazards tructural hazards	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua nazards e	0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identified exist that	0.5 -0.1 -0.5 0.3 ed? r other bu	0.5 -0.1 -0.6 0.3 uilding	0.3 -0.2 -0.2 0.2	0.3 -0.4 NA <i>1.0</i>
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, SMMV         FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MMV}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X         None       Drawings Reviewed:         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF         Yes, Final Level 2 Score, $S_{L2}$	1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	0.3 0.2 -0.6 0.9	0.5 0.1 -0.9 <i>0.7</i> <b>1.2</b> ial ered	0.4 -0.2 -0.6 0.5 2 OTHEI Are Ther Detailed X Poun cut-o Fallir build Geol Signi	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng ygic haza ficant dar	0.1 0.2 NA 0.6 ARDS s That al Evaluential (un m) s from t rds or S mage/de	0.6 -0.1 -0.6 0.5 Trigger A iation? nless SL2 aller adja	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 ACT Detaile Ve Ve Ve Detaile Ve Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other o ed Nons es, nonstru- tailed ev	0.3 -0.2 -0.3 0.3 EQUIF tural Ev. bwn FEM less that hazards tructural h uctural h uctural h aluation	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua hazards i azards e is not ne	0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identified exist that i	0.5 -0.1 -0.5 0.3 ed? r other bu	0.5 -0.1 -0.6 0.3 uilding ded? (ch uld be ev ire mitig	0.3 -0.2 -0.2 0.2	0.3 -0.4 NA <i>1.0</i>
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERFORMED         Yes, Final Level 2 Score, $S_{L2}$ Nonstructural hazards?	1.6 0.1 0.2 -0.3 7.7 All Sides Visible No	0.3 0.2 -0.6 0.9	0.5 0.1 -0.9 <i>0.7</i> <b>1</b> .2 ial erred	0.4 -0.2 -0.6 0.5 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng ogic haza tructural s	0.1 0.2 NA 0.6 ARDS s That al Evalu ential (ur/n) s from t urds or S mage/de system	0.6 -0.1 -0.6 0.5 Trigger A Jation? nless SL2 aller adja Soil Type leterioratio	0.5 -0.4 -0.4 0.5	0.4 0.0 -0.5 0.3 <b>ACT</b> Detaile Ye No Detaile No Detaile	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, other o ed Nons es, nonstru- tailed evo	0.3 -0.2 -0.3 0.3 EQUIF tural Ev own FEM less that hazards tructural h uctural h uctural h uctural h uctural h	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua hazards e is not ne il hazard	0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identified wist that ccessary Is identifi	0.5 -0.1 -0.5 0.3 ed? r other bu commence i that sho may requ ed [	0.5 -0.1 -0.6 0.3 uilding ded? (ch uid be ev ire mitig: DNK	0.3 -0.2 -0.2 0.2	0.3 -0.4 NA <i>1.0</i>
Post-Benchmark         Soil Type A or B         Soil Type E (1-3 stories)         Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MNV}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       X         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF         Yes, Final Level 2 Score, $S_{L2}$	1.6 0.1 0.2 -0.3 7.7 All Sides Visible No ORME	0.3 0.2 -0.6 0.9	0.5 0.1 -0.9 0.7 1.2 ial ered 0 0 0 0	0.4 -0.2 -0.6 0.5 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0.6 -0.4 -0.6 0.5 R HAZA e Hazard Structura ding pote ff, if know g hazard ng ogic haza ficant dar tructural s	0.1 0.2 NA 0.6 ARDS s That al Evalue ential (ur m) s from t urds or S mage/de system e follow	0.6 -0.1 -0.6 0.5 Trigger A Jation? nless SL2 aller adja Soil Type leterioratio	0.5 -0.4 -0.4 0.5 > cent F n to	0.4 0.0 -0.5 0.3 Detaile Ve Ve Ve Ve No Detaile Ve No de de No	0.5 0.0 -0.7 0.3 ION R ed Struc es, unkno es, score es, unkno es, score es, other o ed Nons es, nonstru- tailed ev o, no nor r unrelia	0.3 -0.2 -0.3 0.3 EQUIF tural Event bown FEM less that hazards tructural h actural h aluation istructura bble data	0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua nazards e is not ne al hazard is not ne nazards	0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identified wist that ccessary Is identifi	0.5 -0.1 -0.5 0.3 r other bu commence t that sho may requ ed [ Do Not Ki	0.5 -0.1 -0.6 0.3 uilding ded? (ch uld be ev ire mitig. DNK	0.3 -0.2 -0.2 0.2	0.3 -0.4 NA <i>1.0</i>

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						Soil	Туре:	<b>□A</b> Hard Rock	<b>□B</b> Avg Rock	Den: Soi	se St	tiff S	oft P		N <b>K</b> DNK, ass	ume Type	D.
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	TABLE OF ADDRESS OF T	Appendix         Appendix         Appendix         Appendix           Appendix         Appendix         App				Adja	acency:		💢 Ρα	ounding		Falling H	azards fr	om Taller	Adjacen	t Building	
	Object And Description         Description <thdescription<< td=""><td>Arter LA         March         March</td><td></td><td>NEY PLA</td><td></td><td>Irreç</td><td>gularitie</td><td>s:</td><td></td><td>ertical (ty an (type)</td><td></td><td><u> </u></td><td></td><td>ate: s ant co</td><td></td><td></td><td></td></thdescription<<>	Arter LA         March		NEY PLA		Irreç	gularitie	s:		ertical (ty an (type)		<u> </u>		ate: s ant co			
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							Additiona	al sketche	es or con	nments c	un separa	ate page					
		ASIC	SCOF	RE, MO	DIFIE							1 0			Ī		
	B	ASIC S	SCOF	RE, MC	DIFIER S2 (BR)		ND FIN	S5 (URM			<b>RE, S</b> C3 (URM	1 0	PC2	RM1 (FD)	RM2 (RD)	URM	MI
FEMA BUILDING TYPE Do Not Know	B			S1	S2	<b>RS, AI</b> S3	ND FIN S4	S5	C1	1 SCO C2	RE, S	L1 PC1		(FD) 1.7	(0.0)	URM 1.0	MI 1.1
FEMA BUILDING TYPE Do Not Know Basic Score Severe Vertical Irregularity, VL1	W1 3.6 -1.2	W1A 3.2 -1.2	W2 2.9 -1.2	S1 (MRF) 2.1 -1.0	S2 (BR) 2.0 -1.0	<b>RS, AI</b> S3 (LM) <b>2.6</b> -1.1	ND FIN S4 (RC SW) 2.0 -1.0	<b>IAL LE</b> <u>S5</u> (URM INF) <b>1.7</b> -0.8	C1 (MRF) 1.5 -0.9	C2 (SW) 2.0 -1.0	RE, S C3 (URM INF) 1.2 -0.7	L1 PC1 (TU) 1.6 -1.0	PC2 1.4 -0.9	(FD) 1.7 -0.9	(RD) 1.7 -0.9	<b>1.0</b> -0.7	1. N
FEMA BUILDING TYPE Do Not Know Basic Score Severe Vertical Irregularity, VL1 Voderate Vertical Irregularity, VL1	W1 3.6	W1A 3.2	W2 2.9	S1 (MRF) 2.1	S2 (BR) 2.0	<b>RS, AI</b> S3 (LM) 2.6	ND FIN S4 (RC SW) 2.0	S5 (URM INF) 1.7	C1 (MRF) 1.5	C2 (SW) 2.0	C3 (URM INF) 1.2	L1 PC1 (TU) 1.6	PC2	(FD) 1.7	(RD) 1.7	1.0	1. N. N.
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, VL1       Moderate Vertical Irregularity, VL1     Plan Irregularity, VL1       Plan Irregularity, PL1     Pre-Code	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0	W2 2.9 -1.2 -0.7 -1.0 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6	S2 (BR)           2.0           -1.0           -0.6           -0.7	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8	<b>ND FIN</b> <b>S4</b> (RC SW) <b>2.0</b> -1.0 -0.6 -0.7 -0.6	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4 -0.5 -0.1	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5	PC2 1.4 -0.9 -0.5 -0.6 -0.3	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5	<b>1.0</b> -0.7 -0.4 -0.4 0.0	1. N. N. -0.
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, VL1       Moderate Vertical Irregularity, VL1     Plan Irregularity, VL1       Plan Irregularity, PL1     Pre-Code       Post-Benchmark     Present Prese	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4 -0.5 -0.1 NA	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA	1. N. N. -0. 1.
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark     Soil Type A or B	<b>B</b> /W1 3.6 -1.2 -0.7 -1.1 1.6 0.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5	S1 (MRF)           2.1           -1.0           -0.6           -0.6           1.4           0.4	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA 0.3	1. N. N. -0. 1. 0.
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark     Soil Type A or B       Soil Type E (1-3 stories)     Soil Type X	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4 -0.5 -0.1 NA	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	<b>1.0</b> -0.7 -0.4 -0.4 0.0 NA	1. N/ N/ -0. 1. 0.
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark     Soil Type A or B       Soil Type E (1-3 stories)     Soil Type E (> 3 stories)	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6           -0.4	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2	<b>PC1</b> (TU) <b>1.6</b> -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2	1. N. N. -0. 1. 0. -0. N.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ Soil Type E (Source Stories)	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 7.7	<b>W1A</b> 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA	S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1. N. N. -0. 1. 0. -0. N.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 7.7	<b>W1A</b> 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b>	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6           -0.4           -0.6           0.5	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.3	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1. N/ N/ -0. 1. 0. N/
FEMA BUILDING TYPE       Do Not Know         Basic Score       Do Not         Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 7.7 X All Sides	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 OTHEI Are Ther	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5 R HAZ	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS Is That 1	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 <i>0.3</i>	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.3	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1. N. N. -0. 1. 0. -0. N.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 1.1 V All Sides Visible	<b>W1A</b> <b>3.2</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 -0.6 1.4 -0.2 -0.6 0.5 OTHEI Are Ther Detailed	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 R HAZ, re Hazard Structur.	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS Is That T al Evalu	S4         (RC SW)           -1.0         -0.6           -0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.7           0.6         -0.7           0.6         -0.7           0.6         -0.7           0.6         -0.7           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.7           0.6         -0.7           0.7         -0.6           0.7         -0.6           0.7         -0.6           0.7         -0.7           0.8         -0.7           0.9         -0.7           0.7         -0.6           0.7         -0.7	<b>JAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4 0.5 -0.4 -0.4 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 <b>ACT</b> Detaile □ Ye	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.3 <b>O.6</b> <b>ION R</b> ed Struc es, unkno	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 <i>0.3</i> <b>EQUIF</b> tural Ev. wwn FEM	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation A buildir	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1. N. N. -0. 1. 0. -0. N.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW       Exterior:         Exterior:       Partial         Interior:       X None         Drawings Reviewed:       X Yes	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 1.1 V All Sides Visible	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5 R HAZ Structura ading pote off, if know	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS Is That T al Evalu ential (un /n)	S4           (RC           SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6           0.5	Image: Additional system           S5           (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.55         0.3	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 0.5 0.0 -0.7 2.3 0 0 -0.7 2.3 0 0 -0.7 2.3 0 0 -0.7 0.5 0 0.0 -0.7 2.3 0 0.5 0 0.0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0.0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 0 -0.5 0 0 0 -0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo wwn FEM less thal	PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildir n cut-off	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 <b>0.3</b> <b>ed?</b>	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1. N. N. -0. 1. 0. -0. N.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Pre-Code       Post-Benchmark         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Geologic Hazards Source:	B/ W1 3.6 -1.2 -0.7 -1.1 1.6 0.1 0.2 -0.3 1.1 V All Sides Visible	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 OTHEI Are Ther Detailed X Pour cut-c CX Fallir	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 R HAZ/ R HAZ/ Structura ding pote off, if know	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS as That T al Evalu ential (un <i>v</i> n) s from te	S4           (RC           SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6           0.5	Image: Additional system           S5           (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.4         1.9         0.4         0.0         -0.5         0.3	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.3 0 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo wwn FEM less that hazards	PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other bu	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1. N/ N/ -0. 1. -0. -0. N/ Л.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:	BJ           W1           3.6           -1.2           -0.7           -1.1           1.6           0.1           0.2           -0.3           7.7	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial erred	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.7           -0.6           0.5	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 -0.6 -0.4 -0.6 -0.4 -0.6 0.5 R HAZA R HAZA Structura nding pote off, if know ng hazard	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS Is That T al Evalu ential (un /n) s from te mney urds or S	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	Image: Non-Structure         S5 (URM INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5	C1           1.5           -0.9           -0.5           -0.6           -0.4           1.9           0.4           0.0           -0.55           0.6           Weight           Detaile           Yeight           Not           Detaile	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 -0.7 0.5 0.0 0 -0.7 0.5 0.0 0 -0.7 0.5 0.0 0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0.0 -0.7 0.5 0 0.0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0.0 0 -0.7 0.5 0 0 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 -0.5 0 0 0 -0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo wwn FEM less than hazards tructura	PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildir n cut-off present	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec	(FD) 1.7 -0.9 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but comment	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 <i>0.3</i> uilding	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1. N/ N/ -0. 1. 0. -0. N/ <i>1.</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW       Exterior:         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF	BJ           W1           3.6           -1.2           -0.7           -1.1           1.6           0.1           0.2           -0.3           1.1           v.	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri □ Ente	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.4           -0.2           -0.6           0.7           OTHEI           Are Ther           Detailed           X           Pour           Cut-ct           Signi	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6           -0.4           -0.6           0.5	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS Is That T al Evalu ential (un /n) s from te mney rds or S mage/de	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	Image: Non-Structure         S5 (URM INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.55         0.3	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 0.3 0 0.6 0 -0.7 0.3 0 0.6 0 -0.7 0.3 0 0.6 0 -0.7 0.3 0 0.6 0 -0.7 0.3 0 0.6 0 -0.7 0.3 0 0 0.6 0 -0.7 0.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Ev: wwn FEM less that hazards tructural H	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua hazards	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commend	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch.)	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0. 1.1 0.0 -0. NA 7.
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Pre-Code       Post-Benchmark         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MW}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Geologic Hazards Source:       Contact Person:         LEVEL 2 SCREENING PERF       Yes, Final Level 2 Score, $S_{L2}$	BJ           W1           3.6           -1.2           -0.7           -1.1           1.6           0.1           0.2           -0.3           1.1           v.	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.4           -0.2           -0.6           0.7           OTHEI           Are Ther           Detailed           X           Pour           Cut-ct           Signi	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 -0.6 -0.4 -0.6 -0.4 -0.6 0.5 R HAZA R HAZA Structura nding pote off, if know ng hazard	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS Is That T al Evalu ential (un /n) s from te mney rds or S mage/de	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	Image: Non-Structure         S5 (URM INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.55         0.3	C2 (SW)           2.0           -1.0           -0.6           -0.8           -0.7           2.1           0.5           0.0           -0.7           2.1           0.5           0.0           -0.7           0.3           O.6           ed Struct           es, score           es, score           es, other           o           o           o	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo wwn FEM less than hazards tructural h aluation	PC1           (TU)           1.6           -1.0           -0.6           -0.7           -0.5           2.0           0.6           -0.3           NA           0.2	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identifiec xist that ccessary	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commence that shoo may requ	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (cf. uild be evi uire mitig	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.1 N/ N/ -0. 1 0. -0. N/ /
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Pre-Code       Post-Benchmark         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Minimum Score, $S_{MN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW         Exterior:       Partial         Interior:       None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF	BJ           W1           3.6           -1.2           -0.7           -1.1           1.6           0.1           0.2           -0.3           1.1           v.	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri □ Ente	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 <b>1.2</b> ial ered	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.4           -0.2           -0.6           0.7           OTHEI           Are Ther           Detailed           X           Pour           Cut-ct           Signi	S2 (BR)           2.0           -1.0           -0.6           -0.7           -0.6           1.4           0.6           -0.4           -0.6           0.5	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS ARDS Is That T al Evalu ential (un /n) s from te mney rds or S mage/de	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	Image: Non-Structure         S5 (URM INF)           1.7         -0.8           -0.5         -0.6           -0.2         NA           0.5         -0.4           -0.4         0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.55         0.3	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.3 0.6 ION R ed Struc es, score es, other ces, score es, other ces, nonstructor	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF tural Evo wwn FEM less than hazards tructural h aluation	PC1           (TU)           1.6           -1.0           -0.6           -0.7           -0.5           2.0           0.6           -0.3           NA           0.2	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identifiec xist that ccessary	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commence that shoo may requ	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch.)	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0. 1.1 0.0 -0. NA 7.

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FEMA BUILDING TYPE Do Not		W1A	W2		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)		
Basic Score	3.6	3.2	2.9		2.0	2.6	2.0	1.7	1.5	2.0	1.2	1.6	1.4	1.7	1.7	1.0	1.5
Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$	-1.2 -0.7	-1.2 -0.7	-1.2 -0.7		-1.0 -0.6	-1.1 -0.7	-1.0 -0.6	-0.8 -0.5	-0.9 -0.5	-1.0 -0.6	-0.7 -0.4	-1.0 -0.6	-0.9 -0.5	-0.9 -0.5	-0.9 -0.5	-0.7 -0.4	NA NA
Plan Irregularity, $P_{L1}$	-1.1	-1.0	-1.0		-0.7	-0.9	-0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code	-1.1	-1.0	-0.9		-0.6	-0.8	-0.6	-0.2	-0.4	-0.7	-0.1	-0.5	-0.3	-0.5	-0.5	0.0	-0.1
Post-Benchmark Soil Type A or B	1.6 0.1	1.9 0.3	2.2 0.5	1.4 0.4	1.4 0.6	1.1 0.1	1.9 0.6	NA 0.5	1.9 0.4	2.1 0.5	NA 0.3	2.0 0.6	2.4 0.4	2.1 0.5	2.1 0.5	NA 0.3	1.2 0.3
Soil Type E (1-3 stories)	0.1	0.3	0.5	-0.2	-0.4	0.1	-0.1	-0.4	0.4	0.0	-0.2	-0.3	-0.1	-0.1	-0.1	-0.2	-0.4
Soil Type E (> 3 stories)	-0.3	-0.6	-0.9		-0.6	NA	-0.6	-0.4	-0.5	-0.7	-0.3	NA	-0.4	-0.5	-0.6	-0.2	NA
Minimum Score, S <sub>MIN</sub>	1.1	0.9	0.7	0.5	0.5	0.6	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, $S_{L1} \ge S_{MII}$	V:									1.2							
EXTENT OF REVIEW				OTHEF	R HAZ	ARDS	;		ACT	ION R	EQUIF	RED					
Exterior: 🗌 Partial 🔀	All Sides			Are There				4	Detaile	ed Struc	tural Eva	aluation	Require	d?			
	Visible	🗌 Ent	ered	Detailed					□ Ye	es, unkno	own FEM	A buildir	ng type o	r other bu	uilding		
Drawings Reviewed: X Yes Soil Type Source:	No				ding pote ff, if knov		less $S_{L2}$	>			less thai hazards						
Geologic Hazards Source:							aller adja	cent			IIdZdIUS	present					
Contact Person:				buildi	ng					ed Nons	tructura	l Evalua	tion Rec	ommen	ded? (ch	eck one)	
LEVEL 2 SCREENING PERF	ORME	D?		Geolo	igic naza ficant dai	nus or S mage/de	oil Type eterioratio	r in to			ructural h						
$\Box$ Yes, Final Level 2 Score, $S_{L2}$		🗙 N	0		ructural						uctural ha aluation			may requ	ure mitig	ation, but	а
Nonstructural hazards? Yes		□ N	0								istructura			ed [	DNK		
Where information	n cannot k	oe verifie	d, scr	eener shal	I note th	e follow	ving: ES	ST = Esti	imated o	r unrelia	able data	<u> </u>	DNK = D	o Not Ki	now		
													ctured Ho				

	N.			Address:			3rd St							
	R			_		Dougla	as, Ał	<		Z	(ip: <mark>9</mark>	9824		
	1 and a start of the start of t			Other Identi										
	all.			Building Na				leme	entar	y Scr	iool,	1991	Addıtı	Ion
	X			Use:		choo				ala	104	4000	206	
	1			Latitude: Ss:			92133			de:	-134.	4008	306	
				Screener(s):	ç	Scott (	Grubr	3	D	ate/Time	M	arch	21, 20	118
				No. Stories:	-									
				Total Floor A	Anov Area (so	e Graue 1. ft.):	12		Giaue		Code	e Year: '	1988	<b>1</b> L31
				Additions:		one 🗵	Yes, Ye	ear(s) Bu	uilt: <mark>1</mark>		1991		1000	
				Occupancy:	Indu	embly strial	Commerce Office	[	Emer. S School			istoric overnmer	☐ Sheltent	er
414	1			~ " -	Utilit	-	Warehou			itial, #Ur				
				Soil Type:	<b>□A</b> Hard Rock	<b>□B</b> Avg Rock	Dense Soil	e Sti	ff S	oft P		NK DNK, ass	ume Type	D.
Mature				Geologic Ha	zards:	Liquefac	tion: Yes/	No/DNK	Lands	lide: Yes	/No/DNK	Surf. Ru	upt.: Yes/N	No/DNK
				Adjacency:		🗌 Po	ounding	F	alling H	azards fro	om Talle	Adjacen	t Building	
	123			Irregularities	5:		ertical <mark>(typ</mark> an (type)							stems
				Exterior Fall	ing		nbraced C						eavy Ven	
				Hazards:	0	□ Pa □ Ot	arapets her:			🗌 Арр	endage	s 		
				COMMENTS	S:									
		I												
SKETCI				Additiona										
FEMA BUILDING TYPE Do Not W	BASIC SCC									DC2	DM1	DMD	LIDM	MU
Know		(MRF)	(BR) (	S3 S4 LM) (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	<b>RM2</b> (RD)	URM	MH
Basic Score3.Severe Vertical Irregularity, VL1-1.				<b>2.6 2.0</b> 1.1 -1.0	1.7 -0.8	1.5 -0.9	<b>2.0</b> -1.0	<b>1.2</b> -0.7	<b>1.6</b> -1.0	1.4 -0.9	1.7 -0.9	1.7 -0.9	<b>1.0</b> -0.7	1.5 NA
Severe vertical inegularity, $V_{\ell_1}$ -1.Moderate Vertical Irregularity, $V_{\ell_1}$ -0.				0.7 -0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, $P_{L1}$ -1.				0.9 -0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code -1. Post-Benchmark 1.				0.8 -0.6 1.1 1.9	-0.2 NA	-0.4 1.9	-0.7 2.1	-0.1 NA	-0.5 2.0	-0.3 2.4	-0.5 2.1	-0.5 2.1	0.0 NA	-0.1 1.2
Soil Type A or B				0.1 0.6	0.5	0.4	0.5	0.3	0.6	0.4	0.5	0.5	0.3	0.3
Soil Type E (1-3 stories) 0.				0.2 -0.1	-0.4	0.0	0.0	-0.2	-0.3	-0.1	-0.1	-0.1	-0.2	-0.4
Soil Type E (> 3 stories)         -0.           Minimum Score, S <sub>MIN</sub> 1.				NA -0.6 0.6 0.5	-0.4 0.5	-0.5 <i>0.3</i>	-0.7 <i>0.3</i>	-0.3	NA 0.2	-0.4 0.2	-0.5 <i>0.3</i>	-0.6 0.3	-0.2 <i>0.2</i>	NA 1.0
Minimum score, $S_{MN}$ 7.FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MN}$ .	1 U.7 U.J		).7	0.0 0.0	0.0	0.3	0.3	0.3	U.Z	0.2	0.3	0.3	0.2	1.0
EXTENT OF REVIEW		OTHER	HAZAF	RDS		ACT	ON RE	QUIR	ED					
	des 🗌 Aerial	Are There I	lazards T	hat Trigger A		Detaile	ed Struct	ural Eva	luation	Require	d?			
Interior: X None Visible Drawings Reviewed: Yes No	e 🗌 Entered	Detailed St					es, unknov				r other b	uilding		
Soil Type Source:		Poundi	ng potentia if known)	al (unless <i>S<sub>L2</sub></i> :	>		es, score l es, other h							
Geologic Hazards Source:		□ Falling	, hazards fr	om taller adjad	ent			uzarus	าเวิธิกไ					
Contact Person:				s or Soil Type F	-	Detaile	ed Nonsti	ructural	Evalua	tion Rec	ommen	ded? (ch	eck one)	
LEVEL 2 SCREENING PERFORM	IED?		ant damad	ge/deterioratio	n to		es, nonstru							
Yes, Final Level 2 Score, S <sub>L2</sub>			ctural sys				), nonstru tailed eva				may requ	ure mitig	ation, but	а
Nonstructural hazards?  Yes	□ No						), no nons				ed [	] DNK		
Where information cann	- t. l	roopor chall	note the f	allowing, ES	T - Ecti	matod o	r uprolial	hla data	OR	DNK – D	o Not K			
	ot be verified, sci			URM INF =						ctured Ho		now		



						Add	lress:	2	2901 F	Rivers	side D	Dr					
							_	J	lunea	u, AK			Z	ip: 99	9801		
						Oth	er Identi										
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the state share e	141	4	1	<b>T</b>		Use			chool					04.50	4700		
					10 0		tude:	5	8.375	1086			de: - <u>1</u>	34.59	1766	8	
Anna to			5	7 -		Ss:	eener(s)	. c	Scott C	Prubr		57:	ate/Time	· • •	arch (	21 20	110
	States	-			-				e Grade: <mark>1. ft.):</mark>		веюм ,000		: 0		Year:	1 <u>996</u>	ESI
and the state of the state	and the		-		and the second		litions:		one 🗌	Yes, Y	ear(s) Bu	uilt:		-	Tear.	1334	
the second second	1 and 1		1	Con all and	1	0cc	upancy			Commer		Emer. S	ervices	🗌 Hi	storic	Shelt	er
and the second of a		1 and			1.4		. ,	Indu		Office		School			overnmen	t	
e .		1.	N.	Signation of the	to and			Utilit	<b>,</b>	Warehou			tial, #Un				
	6	100	1	×	- Bet	Soil	Туре:	<b>□A</b> Hard	<b>□B</b> Avg	Dens					NK DNK assi	ume Type	D
								Rock	Rock	Soil				oil	Drint, 4350	anie rype	<i>D</i> .
						Geo	logic Ha	azards:	Liquefact	ion: Yes	/No/DNK	Landsl	lide: Yes/	No/ <mark>DNK</mark>	Surf. Ru	ipt.: Yes/ľ	No/DNK
						Adja	acency:		D Poi	unding	🗌 F	alling Ha	azards fro	om Taller	Adjacent	Building	
						Irreg	gularitie	s:					odera			el	
			Г							n (type)	·		eentra				
_				_ I.			erior Fal	ling			Chimneys					eavy Ven	ieer
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SK	ТСН						Additiona	al sketch	es or com	ments o	n separa	te page					
	В	ASIC	sco	RE, MO	DIFIER	S, Al	ND FIN	IAL LE	EVEL 1	SCO	RE, S <sub>L</sub>	.1					
FEMA BUILDING TYPE Do Not Know	W1	W1A	W2	<b>S1</b> (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	MH
Basic Score	3.6	3.2	2.9	2.1	2.0	2.6	SW)	INF)	1.5	2.0	INF)	1.6	1.4	1.7	1.7	1.0	1.5
Severe Vertical Irregularity, VL1	-1.2	-1.2	-1.2		-1.0	<b>2.0</b> -1.1	-1.0	-0.8	-0.9	-1.0	-0.7	-1.0	-0.9	-0.9	-0.9	-0.7	NA
Moderate Vertical Irregularity, $V_{L1}$	-0.7	-0.7	-0.7		-0.6	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, PL1 Pre-Code	-1.1 -1.1	-1.0 -1.0	-1.0 -0.9		-0.7 -0.6	-0.9 -0.8	-0.7 -0.6	-0.6 -0.2	-0.6 -0.4	-0.8 -0.7	-0.5 -0.1	-0.7 -0.5	-0.6 -0.3	-0.7 -0.5	-0.7 -0.5	-0.4 0.0	NA -0.1
Post-Benchmark	1.6	1.9	2.2	1.4	1.4	1.1	1.9	NA	1.9	2.1	NA	2.0	2.4	2.1	2.1	NA	1.2
Soil Type A or B	0.1	0.3	0.5	0.4	0.6	0.1	0.6	0.5	0.4	0.5	0.3	0.6	0.4	0.5	0.5	0.3	0.3
Soil Type E (1-3 stories) Soil Type E (> 3 stories)	0.2 -0.3	0.2 -0.6	0.1 -0.9	-0.2 -0.6	-0.4 -0.6	0.2 NA	-0.1 -0.6	-0.4 -0.4	0.0 -0.5	0.0 -0.7	-0.2 -0.3	-0.3 NA	-0.1 -0.4	-0.1 -0.5	-0.1 -0.6	-0.2 -0.2	-0.4 NA
Minimum Score, $S_{MIN}$	1.1	0.9	0.7		0.5	0.6	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, $S_{L1} \ge S_{MIN}$ .					0.7												
EXTENT OF REVIEW				OTHE	R HAZA	RDS	;		ACTI		EQUIR	ED					
	All Sides	🗌 Aeri	al		e Hazards			1					Require	d?			
		🗌 Ente	ered	Detailed	Structural	Evalu	ation?						ng type or	other bu	uilding		
Drawings Reviewed: X Yes	νU				ding poten ff, if known		nless $S_{L2}$	>			less than nazards p						
Geologic Hazards Source:				🗌 Fallin	g hazards		aller adja	cent			1020103						
Contact Person:				buildi	ing ogic hazaro	ls or S	oil Type	F	Detaile	d Nonst	ructural	Evalua	tion Rec	ommen	ded? (ch	eck one)	
LEVEL 2 SCREENING PERF	ORME	D?		🗌 Signi	ficant dama	age/de							identified				0
$\Box$ Yes, Final Level 2 Score, $S_{L2}$		🗙 N		the s	tructural sy	stem					ctural ha		xist that r cessary	nayrequ	me mitiga	auun, Dut	d
Nonstructural hazards?  Yes		ΠN	0										s identifie	ed [	] DNK		
Where information							•										
Legend: MRF = Moment-res BR = Braced frame	isting fram			einforced co hear wall	ncrete		URM INF = TU = Tilt u		rced masor	nry infill		<ul> <li>Manufa</li> <li>Light me</li> </ul>	ctured Hou etal			le diaphrag diaphragm	

FEMA P-154 Data Collection Form

						Add	lress:			Glacie		е					
							_	L.	lunea	au, AK			7	2ip: <mark>99</mark>	801		
						Oth	er Ident										
			- West				ding Na		/akoo	osge /	Alterr	ative	High	Sch	ool, 1	966 C	Drig.
		LE	-	atten		Use	•	S	schoo								_
	- IS		A.M.	1000			tude:			37297	7, 1	Longitu	de: -	134.4	42598	365	
-		EL To				<b>S</b> s:					· · · ·	S <sub>1</sub> :					
		1-	6			Scr	eener(s)	): 5	Scott	Gruhi	<u> </u>	D	ate/Time	e: <u>M</u>	arch	21 <u>, 2</u> (	)18
and the second s		A	The second					: Abov				v Grade	:: <b>1</b>			1 <u>966</u> ¤	EST
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many and the			ALL ALL	arena j	alla intra Maria	Occ	upancy		embly istrial ty	Commer Office Warehou		Emer. S School Residen	Services	G	istoric overnmer	□ Shelt nt	er
		all and all all all all all all all all all al	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		in Statement State No. 1, K. 2000 K (B)		Туре:	<b>□A</b> Hard Rock	<b>□B</b> Avg Rock	Dens Soi	se St	tiff S oil S	ioft P Soil S	oor <i>If</i> Soil	7	sume Type	
	al a secol	-	Felleks set				•		•	ction: Yes						·	
71111111111111111111111111111111111111					1111111		acency:			ounding		0			,	t Building	
10 / 0	480	*** _ ***				Irre	gularitie	es:		ertical (ty						vel	
	was sup mark in the latest	1 111111111111111111111111111111111111		MAT 12 1	E 1					lan (type)			eentra				
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₩ ₩₩,2 <u>6, 0</u>	\	7	/	/ tee	·	CO	MMENT	rs:							1.000		
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Constant of the second se	- 7		0.							e faste		1	- FIE			2	s P
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	SKETCH						Addition	al sketch	es or col	mments o	n separa	ate page					
		BASIC	sco	RE, MC	DIFIE	RS, A	ND FI	NAL LE	EVEL	1 SCO	RE, S	L1					
FEMA BUILDING TYPE	Do Not W1 Know	W1A	W2	(MRF)	<b>S2</b> (BR)	S3 (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 Severe Vertical Irregularity, VL1	<b>3.6</b> -1.2	<b>3.2</b> -1.2	<b>2.9</b> -1.2	<b>2.1</b> -1.0	<b>2.0</b> -1.0	<b>2.6</b> -1.1	2.0	1.7 -0.8	1.5 -0.9	2.0	<b>1.2</b> -0.7	<b>1.6</b> -1.0	1.4 -0.9	1.7 -0.9	1.7 -0.9	<b>1.0</b> -0.7	1.5 NA
Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$	-1.2	-1.2	-1.2		-1.0	-1.1	-1.0	-0.8	-0.9	-1.0 -0.6	-0.7 -0.4	-1.0 -0.6	-0.9	-0.9 -0.5	-0.9	-0.7 -0.4	NA
Plan Irregularity, $P_{L1}$	-1.1	-1.0	-1.0		-0.7	-0.9	-0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code	-1.1	-1.0	-0.9		-0.6	-0.8	-0.6	-0.2	-0.4	-0.7	-0.1	-0.5	-0.3	-0.5	-0.5	0.0	-0.1
Post-Benchmark	1.6	1.9	2.2		1.4	1.1	1.9	NA	1.9	2.1	NA	2.0	2.4	2.1	2.1	NA	1.2
Soil Type A or B Soil Type E (1-3 stories)	0.1	0.3 0.2	0.5 0.1	0.4 -0.2	0.6 -0.4	0.1 0.2	0.6 -0.1	0.5 -0.4	0.4	0.5 0.0	0.3 -0.2	0.6 -0.3	0.4 -0.1	0.5 -0.1	0.5 -0.1	0.3 -0.2	0.3 -0.4
Soil Type E (> 3 stories)	-0.3	-0.6	-0.9		-0.4	NA	-0.1	-0.4	-0.5	-0.7	-0.2 -0.3	-0.3 NA	-0.1	-0.1	-0.1	-0.2	-0.4 NA
Minimum Score, $S_{MIN}$	1.1	0.9	0.7		0.5	0.6	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≥ Smin:									0.6							
EXTENT OF REVIEW				OTHE	R HAZ	ARDS	;		ACT		EQUIF	RED					
Exterior: Dartia				Are The				A	Detail	ed Struc	tural Ev	aluation	Require	ed?			
Interior: X None		🗌 En	tered	Detailed						es, unkno	wn FEM	A buildir	ng type o	r other bi	uilding		
Drawings Reviewed: X Yes Soil Type Source:	🗌 No			D Pour			nless <i>SL2</i>	? >	ΧY	es, score	less that	n cut-off			5		
Geologic Hazards Source:					off, if kno og bazar		allor adia	acont		es, other	hazards	present					
Contact Person:				build		ds from t	aner auja	ICEIII			ruoture		tion Do-	ommore	dod2 (al	ock and	
			_	Geo Geo	ogic haz	ards or S				ed Nonsi						,	
LEVEL 2 SCREENING	-	ED?		🔲 Sign	ificant da	amage/de				es, nonstr o, nonstru							а
Yes, Final Level 2 Score, SL	2		lo	the s	structural	system				etailed eva				mayrequ	ane mug	auvii, Dül	a
Nonstructural hazards?	Yes		No							o, no non			,	ed [	DNK		
Where info	rmation canno	be verifi	ed, scr	eener sha	ll note ti	he follow	ving: E	ST = Esti	imated of	or unrelia	ble data	OR	DNK = D	o Not Ki	now		
Legend: MRF = M	oment-resisting fr		RC = R	einforced co			URM INF	= Unreinfo			MH	= Manufa	ictured Ho	using F	D = Flexib	le diaphra	
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	B			<b>RE, MO</b>		RS, AI	ND FIN	IAL LE	EVEL '	1 SCO	RE, S	L1		RM1	RM2	URM	MH
FEMA BUILDING TYPE Do Not Know	<b>B</b> /	ASIC S	SCO W2	RE, MO	DIFIER S2 (BR)						C3 (URM INF)		PC2	RM1 (FD)	<b>RM2</b> (RD)	URM	MH
FEMA BUILDING TYPE Do Not Know	82 W1 3.6	W1A 3.2	W2 2.9	S1 (MRF) 2.1	S2 (BR) 2.0	<b>RS, AI</b> S3 (LM) 2.6	ND FIN S4 (RC SW) 2.0	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b>	C1 (MRF) 1.5	C2 (SW) 2.0	C3 (URM INF) 1.2	L1 PC1 (TU) 1.6	PC2	(FD) 1.7	(RD) 1.7	1.0	1.5
FEMA BUILDING TYPE Do Not Know Basic Score Severe Vertical Irregularity, VL1	<b>B</b> A W1 3.6 -1.2	W1A 3.2 -1.2	W2 2.9 -1.2	S1 (MRF) 2.1 -1.0	S2 (BR) 2.0 -1.0	<b>RS, AI</b> S3 (LM) <b>2.6</b> -1.1	ND FIN S4 (RC SW) 2.0 -1.0	<b>IAL LE</b> S5 (URM INF) <b>1.7</b> -0.8	C1 (MRF) 1.5 -0.9	1 SCO (SW) 2.0 -1.0	C3 (URM INF) 1.2 -0.7	L1 PC1 (TU) 1.6 -1.0	PC2 1.4 -0.9	(FD) 1.7 -0.9	(RD) 1.7 -0.9	<b>1.0</b> -0.7	1.5 NA
FEMA BUILDING TYPE Do Not Know	82 W1 3.6	W1A 3.2	W2 2.9	S1 (MRF) 2.1 -1.0 -0.6	S2 (BR) 2.0	<b>RS, AI</b> S3 (LM) 2.6	ND FIN S4 (RC SW) 2.0	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b>	C1 (MRF) 1.5	C2 (SW) 2.0	C3 (URM INF) 1.2	L1 PC1 (TU) 1.6	PC2	(FD) 1.7	(RD) 1.7	1.0	1.5
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1	W1A 3.2 -1.2 -0.7 -1.0 -1.0	W2 2.9 -1.2 -0.7 -1.0 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6	S2 (BR) -1.0 -0.6 -0.7 -0.6	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8	<b>S4</b> (RC SW) <b>2.0</b> -1.0 -0.6 -0.7 -0.6	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4	C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7	C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5	PC2 1.4 -0.9 -0.5 -0.6 -0.3	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5	<b>1.0</b> -0.7 -0.4 -0.4 0.0	1.5 NA NA NA -0.1
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark	BA 3.6 -1.2 -0.7 -1.1 -1.1 1.6	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9	W2 -1.2 -0.7 -1.0 -0.9 2.2	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1	<b>ND FIN</b> <b>S4</b> (RC SW) <b>2.0</b> -1.0 -0.6 -0.7 -0.6 1.9	<b>IAL LE</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1	C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1	1.0 -0.7 -0.4 -0.4 0.0 NA	1.5 NA NA -0.1 1.2
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark       Soil Type A or B	<b>B</b> / 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1	<b>W1A</b> <b>3.2</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4	<b>SCO</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3	1.5 NA NA -0.1 1.2 0.3
FEMA BUILDING TYPE     Do Not Know       Basic Score     Do Not Know       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark     Soil Type A or B       Soil Type E (1-3 stories)     Soil Type E (1-3 stories)	B/ 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2	<b>W1A</b> 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0	<b>C2</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4
FEMA BUILDING TYPE     Do Not Know       Basic Score     Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark       Soil Type A or B	<b>B</b> / 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1	<b>W1A</b> <b>3.2</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4	<b>SCO</b> (SW) <b>2.0</b> -1.0 -0.6 -0.8 -0.7 2.1 0.5	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3	1.5 NA NA -0.1 1.2 0.3
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (> 3 stories)       Soil Type E (> 3 stories)	B/ 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7	<b>W1A</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA	S4         (RC SW)           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5	C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7	<b>RE, S</b> (URM INF) <b>1.2</b> -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Do Not Know         Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$	B/ 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7	<b>W1A</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5	S2         (BR)           2.0         -1.0           -0.6         -0.7           -0.6         1.4           0.6         -0.4           -0.6         0.5	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA <i>0.6</i>	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3	<b>1</b> SCO C2 (SW) -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 <b>2.0</b>	RE, S, (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4	(FD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPEDo Not KnowBasic ScoreSevere Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-CodePost-BenchmarkSoil Type A or BSoil Type E (1-3 stories)Soil Type E (> 3 stories)Minimum Score, $S_{MIN}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW	B/ 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V.	<b>W1A</b> <b>3.2</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9	W2 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 OTHEF	<b>S2</b> (BR) <b>2.0</b> -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 <i>0.5</i> <b>R HAZ</b>	<b>RS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6	S4         (RC           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         -0.5	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.6 -0.2 NA 0.5 -0.4 -0.4 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3	2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R	RE, S C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF	L1 PC1 (TU) -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 -0.4 -0.1 -0.4 0.2	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Do Not Know         Severe Vertical Irregularity, $V_{LT}$ Moderate Vertical Irregularity, $V_{LT}$ Plan Irregularity, $P_{LT}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MW}$ FINAL LEVEL 1 SCORE, $S_{LT} \ge S_{MW}$ EXTENT OF REVIEW       Exterior:       Partial	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V. All Sides	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 ☐ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 R HAZ/ R HAZ/	<b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 <b>ARDS</b> <b>S That</b>	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 Frigger <i>F</i>	<b>IAL LE</b> <b>S5</b> (URM INF) <b>1.7</b> -0.8 -0.6 -0.2 NA 0.5 -0.4 -0.4 0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 <i>0.3</i> <b>ACT</b> Detaile	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.7 2.1 0.5 0.0 -0.6 -0.8 -0.7 2.1 0 -0.5 0.0 -0.6 -0.8 -0.7 2.1 0 -0.5 0 -0.7 2.1 0 -0.5 0 -0.7 2.1 0 -0.5 -0.7 2.1 0 -0.5 -0.7 2.1 0 -0.5 -0.7 2.1 0 -0.5 -0.7 2.1 0 -0.5 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.1 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 2.3 0 -0.7 0 -0.7 2.3 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.7 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.7 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 -0.7 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 0 -0.5 0 -0.5 0 -0.5 0 -0.5 0 0 -0.5 0 0 0 -0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF etural Ev.	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed?	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:         Interior:       X None         Drawings Reviewed:       X Yes	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V. All Sides	<b>W1A</b> <b>3.2</b> -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF) 2.1 -1.0 -0.6 -0.8 -0.6 1.4 0.4 -0.2 -0.6 0.5 OTHEF Are There Detailed	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 R HAZA Structura	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That T I Evalu	ND FIN S4 (RC SW) 2.0 -1.0 -0.6 -0.7 -0.6 1.9 0.6 -0.1 -0.6 0.5 SW) SW) -1.0 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.7 -0.7 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	IAL LE S5 (URM INF) 1.7 -0.8 -0.5 -0.6 -0.2 NA 0.5 -0.4 -0.4 0.5 -0.4 -0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 <i>0.3</i> ACT Detaile	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R ed Structors, unknown	RE, S, C3 (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF ctural Ev. own FEM	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:       Partial         Interior:       X None       Drawings Reviewed: X Yes         Soil Type Source:       Soil Type Source:       Soil Type Source	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 ☐ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.7           Point           Correlating           Pount           cut-of	S2 (BR)           2.0           -1.0           -0.6           0.7           -0.6           1.4           0.6           -0.7           explore           Barade           Construction           Construction	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That I al Evalu ntial (un n)	S4         (Rc           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R ed Struct es, unknows, score es, other	RE, S (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF etural Ev.	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed?	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:       Partial         Interior:       X None       Drawings Reviewed: X Yes         Soil Type Source:       Geologic Hazards Source:	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 ☐ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           -0.2           -0.6           0.7           Detailed S           Poun cut-ol           Fallin	S2         (BR)           2.0         -1.0           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.4           -0.6         0.5           R         HAZZIGE           Structura         ding pote           ff, if know         g hazards	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That I al Evalu ntial (un n)	S4         (Rc           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R ed Struct es, unknows, score es, other	RE, S, (URM (URM (INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF ctural Evo pown FEM eless thai	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed?	(RD) <b>1.7</b> -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.6 <i>0.3</i>	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:       Partial         Interior:       X None       Drawings Reviewed: X Yes         Soil Type Source:       Soil Type Source:       Soil Type Source	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible	W1A 3.2 -1.2 -0.7 -1.0 -1.0 1.9 0.3 0.2 -0.6 0.9 ☐ Aeri	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           -0.2           -0.6           0.7	S2 (BR) 2.0 -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5	<b>S</b> <b>S</b> <b>S</b> <b>S</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	S4         (Rc           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           0.5         -0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5	C1         (MRF)           1.5         -0.9           -0.5         -0.6           -0.4         1.9           0.4         0.0           -0.55         0.3	C2         (SW)           2.0         -1.0           -0.6         -0.8           -0.7         2.1           0.5         0.0           -0.7         0.3           2.0         -0.7           0.3         2.0           ION R         ed Struct           es, score         es, other	RE, S, (URM (URM (INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF ctural Evo pown FEM eless that hazards	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off present	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other bu	(RD) 1.7 -0.9 -0.5 2.1 0.5 -0.1 -0.6 0.3 uilding	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:       Partial         Interior:       X None       Drawings Reviewed: X Yes         Soil Type Source:       Geologic Hazards Source:	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7	S1 (MRF)           2.1           -1.0           -0.6           1.4           0.2           0.6           1.4           0.4           0.2           0.6           1.4           0.4           0.5	S2         (BR)           2.0         -1.0           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.7           -0.6         -0.4           -0.6         0.5           R         HAZZIGE           Structura         ding pote           ff, if know         g hazards	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That T al Evalu ntial (un n) s from ta rds or S	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5           -0.4           -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	C2         SW           2.0         -1.0           -0.6         -0.8           -0.7         2.1           0.5         0.0           -0.7         0.3           2.0         -0.7           ed Structes, unknower, score es, other of the structes, score es, other of the structes, score es, other of the structes, nonstant of the structes of the struct	RE, S,           C3           (URM           INF)           1.2           -0.7           -0.4           -0.5           -0.1           NA           0.3           -0.2           -0.3           0.3           EQUIF           ctural Evo           bess that           hazards           tructural H	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off present I Evalua hazards	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identified	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commend t that sho	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch uld be ev	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW       Exterior:       Partial         Interior:       X       None         Drawings Reviewed:       X       Yes         Soil Type Source:       Geologic Hazards Source:       Contact Person:	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible No	W1A 3.2 -1.2 -0.7 -1.0 1.9 0.3 0.2 -0.6 0.9 □ Aeri □ Ente	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 0.7	S1 (MRF)           2.1           -1.0           -0.6           1.4           0.4           -0.2           -0.6           0.4           0.4           0.5	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 R HAZ/A e Hazards Structura ding pote ff, if know g hazards ng gic hazards	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That T al Evalu ntial (un n) s from ta rds or S mage/de	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5           -0.4           -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	<b>1 SCO</b> C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 2.3 <b>2.0</b> <b>10N R</b> ed Struct es, unknown es, score es, other o ed Nons es, nonstr	RE, S, (URM (URM INF) 1.2 -0.7 -0.4 -0.5 -0.1 NA 0.3 -0.2 -0.3 0.3 EQUIF ctural Evo pown FEM eless that hazards tructural hazards	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off present I Evalua hazards e	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 PRequire ng type o tion Rec identified exist that	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commend t that sho	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch uld be ev	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code       Post-Benchmark         Soil Type A or B       Soil Type E (1-3 stories)         Soil Type E (> 3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ Exterior:       Partial         Interior:       X None         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V: All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2 2.9 -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 0.7 0.7	S1 (MRF)           2.1           -1.0           -0.6           1.4           0.4           -0.2           -0.6           0.4           0.4           0.5	\$2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 0.5 <b>R HAZ</b> A B <b>Tructura</b> ding pote ff, if know g hazards ng gigic hazards	RS, AI S3 (LM) 2.6 -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 ARDS s That T al Evalu ntial (un n) s from ta rds or S mage/de	S4         S4           (RC         SW)           2.0         -1.0           -0.6         -0.7           -0.6         1.9           0.6         -0.1           -0.6         0.5	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5           -0.4           -0.5	C1 (MRF) 1.5 -0.9 -0.5 -0.6 -0.4 1.9 0.4 0.0 -0.5 0.3 ACT Detaile □ Ye □ Ye □ Ne Detaile □ Ye □ Ne 0 detaile	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R ed Struct es, unknown se, score es, other of tailed ev	RE, S,           C3           (URM           INF)           1.2           -0.7           -0.4           -0.5           -0.1           NA           0.3           -0.2           -0.3           0.3           EQUIF           ctural Evo           bess that           hazards           tructural H	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation A buildir n cut-off present I Evalua hazards azards e is not ne	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type o tion Rec identifiec exist that exessary	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commence that sho may requ	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch uld be ev	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MIN}$ EXTENT OF REVIEW       Exterior:         Exterior:       Partial         Interior:       X         Soil Type Source:       Geologic Hazards Source:         Contact Person:	All Sides Visible No	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	<b>W2</b> -1.2 -0.7 -1.0 -0.9 2.2 0.5 0.1 -0.9 <i>0.7</i> <i>0.7</i> <i>0.7</i>	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.7           -0.6           0.7	\$2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.4 -0.6 0.5 <b>R HAZ</b> A Structura ding pote ff, if know g hazards ng pogic hazar icant dan ructural s	<b>S</b> , <b>AI</b> <b>S</b> <b>S</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA <b>0.6</b> <b>ARDS</b> <b>S</b> That T <b>I</b> Evalu ntial (un n) s from ta rds or S mage/de system	S4         (Rc           SW)         2.0           -1.0         -0.6           -0.7         -0.6           1.9         0.6           -0.1         -0.6           aller adja         0.5	IAL LE           S5           (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5           -0.4           0.5           -0.4           0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	<b>1</b> SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 <b>2</b> .0 <b>ION R</b> ed Struct es, score es, other o ed Nons es, nonstr tailed ev o, no nor	RE, S,           C3           (URM           INF)           1.2           -0.7           -0.4           -0.5           -0.1           NA           0.3           -0.2           -0.3           0.3           EQUIF           ctural Evo           own FEM           eless that           hazards           tructural h           valuation           nstructural h	L1 PC1 (TU) 1.6 -1.0 -0.6 -0.7 -0.5 2.0 0.6 -0.3 NA 0.2 RED aluation IA buildin n cut-off present I Evalua hazards e is not ne al hazards	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type of tion Rec identified exist that ccessary is identified	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 0.3 ed? r other but commend i that sho may requ ed	(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch uid be ev uire mitig:	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>
FEMA BUILDING TYPE       Do Not Know         Basic Score       Severe Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Moderate Vertical Irregularity, $V_{L1}$ Plan Irregularity, $P_{L1}$ Pre-Code         Post-Benchmark       Soil Type A or B         Soil Type E (1-3 stories)       Soil Type E (> 3 stories)         Minimum Score, $S_{MNV}$ FINAL LEVEL 1 SCORE, $S_{L1} \ge S_{MII}$ EXTENT OF REVIEW       Exterior:         Drawings Reviewed:       Yes         Soil Type Source:       Geologic Hazards Source:         Contact Person:       LEVEL 2 SCREENING PERF         Yes, Final Level 2 Score, $S_{L2}$	B/ W1 3.6 -1.2 -0.7 -1.1 -1.1 1.6 0.1 0.2 -0.3 7.7 V All Sides Visible No FORMEI a cannot b esisting fram	W1A         3.2         -1.2         -0.7         -1.0         1.9         0.3         0.2         -0.6         0.9	W2           2.9           -1.2           -0.7           -1.0           -0.9           2.2           0.5           0.1           -0.9           0.7	S1 (MRF)           2.1           -1.0           -0.6           -0.8           -0.6           1.4           0.4           -0.2           -0.6           0.7           -0.6           0.7	S2 (BR) -1.0 -0.6 -0.7 -0.6 1.4 0.6 -0.4 -0.6 -0.4 -0.6 0.5 <b>R HAZ</b> A Structura ding pote ff, if know g hazards ng ugic hazards icant dan ructural s	<b>XS, AI</b> <b>S3</b> (LM) <b>2.6</b> -1.1 -0.7 -0.9 -0.8 1.1 0.1 0.2 NA 0.6 <b>ARDS</b> <b>S That T</b> <b>I Evalu</b> ntial (un n) <b>s</b> from ta rds or S mage/de system <i>e follow</i>	ND FIN           S4 (RC SW)           2.0           -1.0           -0.6           -0.7           -0.6           1.9           0.6           -0.1           -0.6           1.9           0.6           -0.1           -0.6           0.7           aller adja           oil Type           terioratio	IAL LE           S5 (URM INF)           1.7           -0.8           -0.5           -0.6           -0.2           NA           0.5           -0.4           -0.5           -0.4           -0.5           -0.4           -0.5	C1         (MRF)         1.5         -0.9         -0.5         -0.6         -0.4         1.9         0.4         0.0         -0.5         0.3	1 SCO C2 (SW) 2.0 -1.0 -0.6 -0.8 -0.7 2.1 0.5 0.0 -0.7 0.3 2.0 ION R ed Struct es, score es, score es, nonstructailed evo p, no nor r unrelia	RE, S,           C3           (UR           INF)           1.2           -0.7           -0.4           -0.5           -0.1           NA           0.3           -0.2           -0.3           0.3           EQUIF           tural Evo           own FEM           less that           hazards           tructural h           valuation           nstructural able data	PC1           (TU)           1.6           -1.0           -0.6           -0.7           -0.5           2.0           0.6           -0.7           -0.5           2.0           0.6           -0.7           -0.5           2.0           0.6           -0.7           -0.5           2.0           0.6           -0.7           -0.5           2.0           0.6           -0.7           -0.5           2.0           0.6           -0.7           aluation           A buildin           n cut-off           present           I Evalua           hazards e           is not ne           al hazards           a OR	PC2 1.4 -0.9 -0.5 -0.6 -0.3 2.4 0.4 -0.1 -0.4 0.2 Require ng type of tion Rec identified exist that ccessary is identified	(FD) 1.7 -0.9 -0.5 -0.7 -0.5 2.1 0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 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(RD) 1.7 -0.9 -0.5 -0.7 -0.5 -0.1 -0.6 0.3 uilding ded? (ch uid be ev uire mitig: DNK Tow D = Flexib	1.0 -0.7 -0.4 -0.4 0.0 NA 0.3 -0.2 -0.2 0.2	1.5 NA NA -0.1 1.2 0.3 -0.4 NA <i>1.0</i>