Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

Address: Sukatan, Jelapang, Kajang, Selangor
RT 05/KW 04
Zip: 55561

Other Identifiers: -

Building Name: Rumah Tingkat

Use: Rumah Tingkat

Latitude: -3.31275686
Longitude: 106.8836108
S: 0.648
N: 0.342

Screener(s): Rumah Tingkat

Date/Time: 11-21-2018

No. Stories: Above Grade: 1
Below Grade: 0
Year Built: EST
Total Floor Area (sq. ft.): 100

Additions: None

Occupancy: Assembly

Utility: Residential

Soil Type: A

Geologic Hazards: Liquidation: Yes/No/DONK

Adjacency: Founding: Yes/No

Irregularities: Vertical (typology) Split Level

Exterior Falling Hazards: Unreinforced Chimneys

Other: None

COMMENTS:
Bangunan dengan 2 tingkat kuat, kula yang kaku dan beton, terdapat kebocoran relakan pada dinding bangunan

SKETCH

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, $S_L$

<table>
<thead>
<tr>
<th>FEMA BUILDING TYPE</th>
<th>Do Not Know</th>
<th>W1</th>
<th>W2</th>
<th>S1 (m/s)</th>
<th>S2 (BR)</th>
<th>S3 (SS)</th>
<th>S4 (PC)</th>
<th>S5 (PC)</th>
<th>C1 (m/s)</th>
<th>C2 (m/s)</th>
<th>C3 (m/s)</th>
<th>P1 (T/SS)</th>
<th>P2 (T/SS)</th>
<th>P3 (RMI)</th>
<th>RM2 (RMI)</th>
<th>USR (RMI)</th>
<th>MH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>3.7</td>
<td>3.2</td>
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<td>2.3</td>
<td>2.2</td>
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<td>1.7</td>
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<td>1.8</td>
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<td>(13)</td>
<td>9</td>
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<tr>
<td>-1.0</td>
<td>1.0</td>
<td>0.8</td>
<td>1.2</td>
<td>-0.9</td>
<td>-0.8</td>
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<td>0.7</td>
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<tr>
<td>Maximum Score, $S_M$: 5.0</td>
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<td></td>
</tr>
</tbody>
</table>

FINAL LEVEL 1 SCORE, $S_L = S_M$: 0.5

EXTENT OF REVIEW

<table>
<thead>
<tr>
<th>Exterior</th>
<th>None</th>
<th>All Sides</th>
<th>Aerial</th>
<th>Visible</th>
<th>Entered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drawings Reviewed:</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Geologic Hazards Source: -

Contact Person: -

LEVEL 2 SCREENING PERFORMED?

<table>
<thead>
<tr>
<th>Yes, Final Level 2 Score, $S_2$</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonstructural hazards?</td>
<td>Yes</td>
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</tbody>
</table>

OTHER HAZARDS

Are There Hazards That Trigger a Detailed Structural Evaluation?

<table>
<thead>
<tr>
<th>Foudning potential (unless $S_2 &gt; cut-off, if known)</th>
<th>Yes, unknown FEMA building type or other building</th>
<th>Yes, score less than cut-off</th>
<th>Yes, other hazards present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Falling hazards from taller adjacent building</td>
<td>No, nonstructural hazards identified that should be evaluated</td>
<td>No, nonstructural hazards that may require mitigation, but a detailed evaluation is not necessary</td>
<td>No, no nonstructural hazards identified</td>
</tr>
<tr>
<td>Geologic hazards or Soil Type F</td>
<td>Detailed Nonstructural Evaluation Recommended? (check one)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACTION REQUIRED

Detailed Structural Evaluation Required?

Legend:

- MN = Moment-resisting frame
- RC = Reinforced concrete
- BR = Braced frame
- DMR = Unreinforced masonry wall
- SW = Shear wall
- TW = Tall, p
- UM = Masonry Housing
- SS = Shear slab
- SD = Shear diaphragm
- DM = Masonry diaphragm
- LD = Light diaphragm
- RT = Rigid diaphragm

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DONK = Do Not Know
Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

**Address:** Bajukon II, Margaowatan, Jayasem, Silangen, Kepulauan Riau
**Zip:** 25561

**Use:** Kepulauan Riau

**Latitude:** -1.2124545
**Longitude:** 100.285231

**Occupancy:** Residential
**Soil Type:** NA
**Geologic Hazards:** Yes/No: NOK

**Final Score:** 2.6

**COMMENTS:** Bangunan dengan kategori raw don terlapping falling hazard kerap terjadi k-loaded.

**SKETCH**

**BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S1**

<table>
<thead>
<tr>
<th>FEMA BUILDING TYPE</th>
<th>Do Not Know</th>
<th>W1</th>
<th>W2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Score</td>
<td>4.1</td>
<td>3.7</td>
<td>3.2</td>
</tr>
<tr>
<td>Severe Vertical Irregularity, Vn</td>
<td>-1.3</td>
<td>-1.3</td>
<td>-1.3</td>
</tr>
<tr>
<td>Moderate Vertical Irregularity, Vm</td>
<td>-0.8</td>
<td>-0.8</td>
<td>-0.8</td>
</tr>
<tr>
<td>Plan Irregularity, Pr</td>
<td>-1.3</td>
<td>-1.2</td>
<td>-1.1</td>
</tr>
<tr>
<td>Pre-Coding</td>
<td>0.8</td>
<td>0.9</td>
<td>0.9</td>
</tr>
<tr>
<td>Post-Benchmark</td>
<td>1.9</td>
<td>2.3</td>
<td>1.4</td>
</tr>
<tr>
<td>Soil Type A or B</td>
<td>0.3</td>
<td>0.6</td>
<td>0.9</td>
</tr>
<tr>
<td>Soil Type E (1-3 stories)</td>
<td>0.0</td>
<td>-0.1</td>
<td>-0.3</td>
</tr>
<tr>
<td>Soil Type E (&gt;3 stories)</td>
<td>-0.5</td>
<td>-0.8</td>
<td>-1.2</td>
</tr>
<tr>
<td>Minimum Score, S2</td>
<td>1.6</td>
<td>1.2</td>
<td>0.8</td>
</tr>
</tbody>
</table>

**EXTENT OF REVIEW**

- Exterior: Yes
- Interior: No
- Soil Type Source: Yes
- Geologic Hazards Source: No

**LEVEL 2 SCREENING PERFORMED?**

- Yes, Final Level 2 Score, S2: 5.0
- Nonstructural hazards: Yes, No

**OTHER HAZARDS**

- Are There Hazards That Trigger A Detailed Structural Evaluation? Yes, If Yes:
- Detailed Structural Evaluation Required
- Detailed Nonstructural Evaluation Recommended

**ACTION REQUIRED**

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

**Additional sketch or comments on separate page**
Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

Address: Susukan II, Maragahan, Sungai Simean
Rt 04 / Rk 04
Zip: 555 61

Other Identifiers: -

Building Name: Borok Hombo
Use: Rumah Tinggal

Latitude: -7.7138483
Longitude: 110.8787848

Sc: 0.849
Sc: 0.342

Screener: Riyvan 702
Date/Time: 11 January 2018

No. Stories: Above Grade: 1
Below Grade: 0
Year Built: 1974
Code Year: 2018

Total Floor Area (sq. ft.): 1680

Additions: None

Occupancy: Commercial

Geologic Hazards: Landslide, Yes/No

Irregularities: Vertical (type/extent)

Adjacency: Pounding, Falling hazards from taller adjacent building

Exterior Falling Hazards: Unbraced Chimneys

COMMENTS:
Borang inder dengan 2 kategori yaitu RMI dan WRMI. Kodok aerial masih terlihat karena bangunan telah berdiri sejauhnya dan terdapat kolong pada dinding bangunan.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S1

| FEMA BUILDING TYPE | Do Not Know | W1 | W2 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 | S20 |
|--------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Basic Score        | 4.1         | 3.7| 3.2| 2.3| 2.2| 2.1| 1.7| 2.1| 1.4| 1.8| 1.5| 1.3| 1.8| 1.8| 1.9| 1.0| 1.8| 1.8| 1.9| 1.8| 1.8| 1.8|
| Severe Vertical Irregularity, Vi | -1.3 | -1.3| -1.3| -1.1| -1.0| -1.2| -1.0| -0.9| -1.0| -1.1| -0.8| -1.0| -0.9| -1.0| -1.0| -0.8| -1.0| -0.9| -1.0| -1.0| -0.8| -1.0|
| Moderate Vertical Irregularity, Vm | -0.8 | -0.8| -0.8| -0.7| -0.6| -0.8| -0.6| -0.6| -0.6| -0.6| -0.4| -0.6| -0.5| -0.6| -0.6| -0.4| -0.5| -0.5| -0.6| -0.5| -0.6| -0.5|
| Plan Irregularity, Pu | -1.3 | -1.2| -1.1| -0.9| -0.8| -1.0| -0.8| -0.7| -0.7| -0.9| -0.6| -0.8| -0.6| -0.7| -0.7| -0.9| -0.6| -0.7| -0.9| -0.6| -0.7| -0.9|
| Pro-Code | -0.8 | -0.9| -0.9| -0.5| -0.5| -0.5| -0.7| -0.6| -0.6| -0.4| -0.7| -0.1| -0.4| -0.3| -0.5| -0.5| -0.5| -0.6| -0.5| -0.5| -0.6| -0.5|
| Soil Type A or B | 1.5 | 1.9| 2.3| 1.4| 1.4| 1.0| 1.9| 2.1| 2.1| 2.1| 2.4| 2.1| 2.1| 2.4| 2.1| 2.1| 2.4| 2.1| 2.4| 2.1| 2.4| 2.1|
| Soil Type E (1-3 stories) | 0.0 | -0.1| -0.3| -0.4| -0.5| 0.0| -0.4| -0.5| -0.5| -0.2| -0.2| -0.4| -0.5| -0.3| -0.4| -0.5| -0.3| -0.4| -0.5| -0.3| -0.4| -0.5|
| Soil Type E > 3 stories | -0.6 | -0.8| -1.2| -0.7| -0.7| NA| -0.6| -0.6| -0.6| -0.6| -0.4| -0.6| -0.3| -0.5| -0.6| -0.7| -0.3| -0.6| -0.7| -0.3| -0.6| -0.7|
| Minimum Score, Smin | 1.6 | 1.2| 0.8| 0.5| 0.5| 0.9| 0.5| 0.5| 0.3| 0.3| 0.3| 0.3| 0.3| 0.3| 0.3| 0.2| 0.3| 0.3| 0.2| 0.3| 0.3| 0.2|

FINAL LEVEL 1 SCORE, S1 = Smin

0.5
0.2

OTHER MODIFIERS

DESIGNED STRUCTURAL EVALUATION REQUIRED

ACTIONS REQUIRED

Detailed Structural Evaluation Required?
Yes, unknown FEMA building type or other building
Yes, score less than cut-off
Yes, other hazards present
No

Detailed Nonstructural Evaluation Recommended? (check one)
Yes, nonstructural hazards identified that should be evaluated
Yes, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
No, no nonstructural hazards identified
No

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

Legend:
MRF = Moment-resisting frame
RC = Reinforced concrete
SM = Shear wall
CU = Conventional masonry unit
NM = Nonmasonry housing
MU = Mid-rise building
ML = Light metal
HD = High density
Rapid Visual Screening of Buildings for Potential Seismic Hazards

**FEMA P-154 Data Collection Form**

**Level 1 MODERATELY HIGH Seismicity**

**Address:** Sumatera II, Meragang, Subang, Jawa Barat

**Zip:** 57561

**Use:** Residential

**Occupancy:** Office

**Soil Type:** A

**Geologic Hazards:** Liquefication: Yes/No/DNK

**Adjacency:** No

**Irregularities:** No

**Filling Hazards:** No

**Boring Data:**

**Basic Score:** 4.1

**Severe Vertical Irregularity, V_{IR}:** 1.3

**Plan Irregularity, P_{IR}:** 1.3

**Post-Benchmark:** 1.5

**Soil Type A or B:** 0.3

**Soil Type E (3 stories):** -0.5

**Minimum Score:** 1.2

**FINAL LEVEL 1 SCORE, S_{L1} = 2.2**

**EXTENT OF REVIEW**

**Drawing Reviewed:** Not Available

**Soil Type Source:** Yes

**Geologic Hazards Source:** Not Available

**CONTACT PERSON:**

**LEVEL 2 SCREENING PERFORMED?**

**OTHER HAZARDS**

**ACTION REQUIRED**

**Where Information cannot be verified, reviewer shall note the following:**

**EST** = Estimated or unreliable data

**DNK** = Do Not Know

**Legend:**

- MRF = Moment-resisting frame
- RC = Reinforced concrete
- HCM = Conventional masonry
- CM = Concrete masonry
- BR = Brick
- DO = Shear wall
- SR = Steel frame
- TU = T-beam
- LM = Light metal
- HP = Hollow masonry
- PD = P-Frame
- KG = Rigid diaphragm
Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

Level 1
MODERATELY HIGH Seismicity

Address: Sulliakan II, Moresby, SEP,. 78009 P046 RN 04 Zip 55561

Other Identifiers: -
Building Name: Bapak Jatulo
Use: Rumah Tinggal
Latitude: -9.71239348 Longitude: 118.8283645
S: 0.849 S: 0.292
Screener(s): Bapak Jatulo Date/Time: 11 January 2018

No. Stories: Above Grade: 1 Below Grade: 0 Year Built: 1990
Total Floor Area (sq. ft.): 57 m^2 Code Year: 1

Additions: None Yes, Year(s) Built: -
Occupancy: Assembly Commercial Emer. Services Historic Shelter
Industrial Office School Government

Soil Type: D A B C S D E F
Hard Avg Dense Soft Slow Poor or DDKK assume Type D
Rock Soil Soil Soil Soil Soil

Geologic Hazards: liquefaction: Yes/No/Unknown Landslide: Yes/No/Unknown Surf. Rupt.: Yes/No/Unknown

Adjacency: Pounding Falling Hazards from Taller Adjacent Building

Irregularities: Vertical (type/severity) Split Level
Plan (type) U - Shape

Exterior Falling Hazards: Unbraced Chimneys Heavy Cladding or Heavy Veneer
Parapets Appendages
Other:

Comments:
Bongor mun sedorhina yang kebulum kategori
Urau kemudian dibagun kabaii dengan
caregory EMI dan maitial arat yang
degradation asked very dam aribe.

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S1

<table>
<thead>
<tr>
<th>FEMA BUILDING TYPE</th>
<th>Do Not Know</th>
<th>WT</th>
<th>WTA</th>
<th>W2</th>
<th>S1 (60 s)</th>
<th>S2 (6 s)</th>
<th>S3 (5 s)</th>
<th>S4 (4 s)</th>
<th>S5 (2 s)</th>
<th>S6 (0.4 s)</th>
<th>PCE</th>
<th>DIFF (FT)</th>
<th>DMK</th>
<th>URM</th>
<th>MH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Score</td>
<td>4.1</td>
<td>3.7</td>
<td>3.2</td>
<td>2.3</td>
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<td>1.8</td>
<td>1.5</td>
<td>1.5</td>
<td>1.8</td>
<td>1.2</td>
</tr>
<tr>
<td>Severe Vertical Irregularity, V1</td>
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<td>-1.3</td>
<td>-1.3</td>
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<td>Moderate Vertical Irregularity, V1</td>
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<td>-0.7</td>
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<td>-0.4</td>
<td>-0.3</td>
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<td>-0.5</td>
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<tr>
<td>Post-Earthquake</td>
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<td>1.4</td>
<td>1.4</td>
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<td>1.9</td>
<td>NA</td>
<td>1.9</td>
<td>2.1</td>
<td>NA</td>
<td>2.1</td>
<td>2.4</td>
<td>NA</td>
<td>2.1</td>
</tr>
<tr>
<td>Soil Type A or B</td>
<td>0.3</td>
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<td>0.9</td>
<td>0.6</td>
<td>0.9</td>
<td>0.3</td>
<td>0.9</td>
<td>0.9</td>
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<td>0.9</td>
<td>0.7</td>
<td>0.8</td>
<td>0.8</td>
</tr>
<tr>
<td>Soil Type E (1-3 stories)</td>
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<td>-0.1</td>
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<td>-0.5</td>
<td>-0.3</td>
<td>-0.4</td>
<td>-0.4</td>
</tr>
<tr>
<td>Soil Type E (4-5 stories)</td>
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<td>-0.8</td>
<td>-1.2</td>
<td>-0.7</td>
<td>-0.7</td>
<td>NA</td>
<td>-0.7</td>
<td>-0.6</td>
<td>-0.6</td>
<td>-0.8</td>
<td>-0.4</td>
<td>NA</td>
<td>-0.5</td>
<td>-0.6</td>
<td>-0.7</td>
</tr>
<tr>
<td>Minimum Score, S1</td>
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FINAL LEVEL 1 SCORE, S1 = S1 + Sref

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<tr>
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<td>Interior:</td>
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<td>Drawings Reviewed:</td>
</tr>
<tr>
<td>Soil Type Source:</td>
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<tr>
<td>Condition Person:</td>
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</table>

LEVEL 2 SCREENING PERFORMED?
| Yes, Final Level 2 Score, S2 | No |
| Nonstructural hazards? | Yes | No |

OTHER HAZARDS
Are There Hazards That Trigger A Detailed Structural Evaluation?
| Pounding potential (unless S2 > cut-off, if known) | Falling hazards from taller adjacent building |

ACTION REQUIRED
Detailed Structural Evaluation Required?
| Yes, unknown FEMA building type or other building | Yes, other hazards present |

Detailed Nonstructural Evaluation Recommended? (check one)
| No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary | No, no nonstructural hazards identified | DNK |

Legend:
MM = Moment-resisting frame
PR = Reinforced concrete
MC = Shear wall
ML = Light steel
MR = Masonry frame
MC = Masonry frame
TD = Tie-in
SP = Steel plate
1 = Steel plate
**Rapid Visual Screening of Buildings for Potential Seismic Hazards**

**FEMA P-154 Data Collection Form**

**Level 1 MODERATELY HIGH Seismicity**

**Address:** Susukan II, Mangkulan, Sleman RT 04/RW 04 Zip 55561

**Other Identifiers:**

- **Building Name:** Batik Ali
- **Use:** Rumah Tinggal
- **Latitude:** -7.71276709
- **Longitude:** 110.25783431
- **S1:** 0.039
- **S2:** 0.249
- **Screener:** Rupih Fadlo N
- **Date/Time:** 11 Januari 2018

**No. Stories:** Above Grade: 1, Below Grade: 0

**Year Built:** 1990

**Occupancy:** Commercial

**Utilities:** Water, Sewerage

**Soil Type:** D, Rock

**Geologic Hazards:** Liquefaction: Yes, No/DNK

**Adjoining:** Pounding, Falling hazards from taller adjacent building

**Irregularities:** Vertical (type/size) Space level, Plan type, T-straps dam large opening

**Exterior Falling Hazards:** Unbraced Chimneys, Heavy Cladding or Heavy Veneer

**Comments:** Bangunan sedekan dengan kategori lira dan bertipe yogya, terdapat beberapa retakan dan beberapa kerana kayu pelayarn, yang lupa, bangunan atas masih menggunakan bender dan rengan hingga dipisahkan dengan tali teknik.

**Basic Score, Modifiers, and Final Level 1 Score, S1**

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<tr>
<th>FEMA Building Type</th>
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<th>WYA</th>
<th>WC</th>
<th>SE</th>
<th>SS</th>
<th>S2</th>
<th>S4</th>
<th>S5</th>
<th>SM</th>
<th>CH</th>
<th>C2</th>
<th>C3</th>
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<th>PC2</th>
<th>RM1</th>
<th>RM2</th>
<th>USM</th>
<th>MV1</th>
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</tr>
</tbody>
</table>

**Final Level 1 Score, S1 = Smin**

0.1

**Extent of Review**

- Exterior: None
- Interior: None
- Drawings Reviewed: Yes
- Soil Type Source: Geologic Hazards Source:
- Contact Person:

**Level 2 Screening Performed?**

- Yes, Final Level 2 Score, S2: 3
- No, Nonstructural hazards: Yes

**Other Hazards**

- Are there hazards that trigger A Detailed Structural Evaluation?
- Is there falling potential (S2 > cut-off, if known)?
- Is there falling hazard from taller adjacent building?
- Is there geologic hazards or soil type F?
- Is there significant damage to the structural system?

**Action Required**

- Detailed Structural Evaluation Required?
- Yes, unknown FEMA building type or other building
- Yes, score less than cut-off
- Yes, other hazards present
- No, Nonstructural Evaluation Recommended? (check one)
- Yes, nonstructural hazards identified that should be evaluated
- No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
- No, no nonstructural hazards identified

**Legend**

- MR = Moment rating frame
- WR = Wall rating frame
- MC = Moment resisting frame
- WP = Wall pan
- BW = Beam width
- SW = Shear wall
- TD = Tie down
- LM = Light metal
- PD = Rigid diaphragm
- US = Unreinforced masonry fill
- DS = Diaphragm strength
Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

MODERATELY HIGH Seismicity

Address: Sultunan II, Jl. Marga Banten, Sewu, Surabaya
RT 051 / RW 04, Zip: 62561

Other Identifiers: -

Building Name: -
Use: -

Latitude: -7.24723249, Longitude: 110.22766380

Sc: 0.849, Sr: 0.342

Screener(s): - Date/Time: 11 January 2018

No. Stories: Above Grade: 1, Below Grade: 2
Year Built: 1960

Total Floor Area (sq. ft.): 620 m²
Code Year:

Additions: ☐ None ☐ Yes, Years (or) Built:

Occupancy: ☐ Assembly ☐ Commercial ☐ Emer. Services ☐ Historic ☐ Government
☐ Industrial ☐ Office ☐ School ☐ No ☐ Shelter
☐ Utility ☐ Warehouse ☐ Residential Units:

Soil Type: ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ DKN
☒ Rock ☐ Soil ☐ Soil ☐ Soil

Geologic hazards: Liquidation: Yes/DKN
Landslide: Yes/DKN
Surf. Rupt.: Yes/DKN

Adjacency: ☐ Pounding ☐ Falling Hazards from Taller Adjacent Building

Irregularities: ☑ Vertical (type/severity) SPLIT LEVEL
☑ Plan (type) LARGE OPENING

Exterior Falling Hazards: ☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer
☐ Parapets ☐ Appendages
☒ Other:

COMMENTS:
Bangunan sederhana dengan kategori LUC 1, bangunan bertipe joglo, penutup atap masih menggunakan bambu, terpasang bekas keranjang pada dinding, beberapa ruangan dipisahkan dengan tirai

Add. sketches or comments on separate page

---

### BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S1

<table>
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<th>FEMA Building Type</th>
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<th>W2</th>
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<th>C1 (ft)</th>
<th>C2 (ft)</th>
<th>C3 (ft)</th>
<th>PC1</th>
<th>PC2</th>
<th>RM1</th>
<th>RM2</th>
<th>CM1</th>
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<tr>
<td>Soil Type A or B</td>
<td>0.3</td>
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Minimum Score, Smin: 1.2

---

### FINAL LEVEL 1 SCORE, S1:

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<th>Partial</th>
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<td>Geologic hazards Source:</td>
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<td>Contact Person:</td>
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### OTHER HAZARDS

- Are There Hazards That Trigger A Detailed Structural Evaluation?
- Detailed Structural Evaluation Required?
- Yes, unknown FEMA building type or other building
- Yes, score less than cut-off, (if known)
- Yes, other hazards present
- No

---

### ACTION REQUIRED

- Detailed Nonstructural Evaluation Recommended? (check one)
- Yes, nonstructural hazards identified that should be evaluated
- No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
- No, no nonstructural hazards identified

---

### SKETCH

---

### LEVEL 2 SCREENING PERFORMED?

☐ Yes, Final Level 2 Score, S2
☐ No

Nonstructural hazards?
☐ Yes ☐ No

---

**Legend:**
- WT = Wood-frame
- WTA = Wood-frame concrete
- W2 = Wood-frame brick
- C1 = Concrete
- C2 = Steel
- C3 = Wood-frame steel
- PC1 = Poured concrete
- PC2 = Precast concrete
- RM1 = Masonry
- RM2 = Masonry
- CM1 = Metal
- CM2 = Wood
- MH = High plasticity

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data DKN = Do Not Know
Tugas Akhir
Studi Kerentanan Bangunan
Permukiman Terhadap Gempa
Berdasarkan FEMA P-154 2015

Nama Mahasiswa
Rivan Faisal Nugroho
20140110129

Dosen Pembimbing
1. Dr. M. Heri Zuflar, S.T., M.T.
2. Fanny Monika, S.T., M.Eng

Skala | Judul Gambar
-----|-----------------
1:150 | Denah Rumah
      | Bapak Sutrat

Keterangan
Tugas Akhir
Studi Kerentanan Bangunan
Permukiman Terhadap Gempa
Berdasarkan FEMA P-154 2015

Nama Mahasiswa
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2. Fanny Monika, S.T., M.Eng

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Keterangan
Tugas Akhir
Studi Kerentanan Bangunan
Permukiman Terhadap Gempa
Berdasarkan FEMA P-154 2015

Nama Mahasiswa
Rivan Faisal Nugroho
20140110129

Dosen Pembimbing
1. Dr. M. Heri Zulfiar, S.T., M.T.
2. Fanny Monika, S.T., M.Eng

Skala | Judul Gambar
---|---
1:150 | Denah Rumah Bapak Harjo

Keterangan
Tugas Akhir
Studi Kerentanan Bangunan
Permukiman Terhadap Gempa
Berdasarkan FEMA P-154 2015
Nama Mahasiswa
Rivan Faisal Nugroho
20140110129
Dosen Pembimbing
1. Dr. M. Heri Zulfar, S.T., M.T.
2. Fanny Monika, S.T., M.Eng
Skala | Judul Gambar
---|---
1:250 | Denah Rumah
Ibu Abas
Keterangan