

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26A

|                      |                 |       |
|----------------------|-----------------|-------|
| Building Type        | County          |       |
| School               | Douglas         |       |
| Street               |                 |       |
| 1381 NW Douglas Blvd |                 |       |
| City                 | State           | Zip   |
| Winston              | OR              | 97496 |
| Latitude             | Longitude       |       |
| 43.11555             | 123.4375        |       |
| Tracking Code        | Inspection Date |       |
| RVS in 2006          | 8/21/2006       |       |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | PC1  | 2.6         | 0          | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 1.7       |
| Secondary | C2   | 2.8         | -1         | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 0.9       |
| Tertiary  |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| C2         | 0.9         |

## FEMA-154 Collapse Potential

High (>10%)



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# Douglas High School

Doug\_sch26A

|  |   |   |                           |
|--|---|---|---------------------------|
| Enrollment<br>481  | Year Built (Field Verified)<br>1956                     | Year Built (Alt. Source)<br>1956  | Est. Decade Built<br>1950 |
| Total Area (square ft)<br>64393  | Number of Stories<br>1                                  | Basement  | Pounding Potential<br>No  |
| Plan Irregularities<br>Reentrant Corners:Other (Adjacent Build/Entity)<br>Reentrant Corners: Other<br>None |   | Vertical Irregularities<br>Steps in Elevation View: Single Change (Adjacent Building/Entity)<br>Steps in Elevation View: 2 to 3 Changes<br>None |                           |
| Falling Hazards<br>None<br>None<br>None  |   | Poor Conditions<br>None<br>None<br>None   |                           |
|                          |   |    |                           |
| S Elevation View   | E Vertical Irregularity Secondary and reentrant corner. |   | N Elevation View          |



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Rapid Visual Screening - Senate Bill #2 - Seismic Needs Assessment  
Oregon Department of Geology and Mineral Industries

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26B

|                                |                              |              |
|--------------------------------|------------------------------|--------------|
| Building Type<br>School        | County<br>Douglas            |              |
| Street<br>1382 NW Douglas Blvd |                              |              |
| City<br>Winston                | State<br>OR                  | Zip<br>97496 |
| Latitude<br>43.11557           | Longitude<br>123.43825       |              |
| Tracking Code<br>RVS in 2006   | Inspection Date<br>8/21/2006 |              |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | PC1  | 2.6         | 0          | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 1.7       |
| Secondary | C2   | 2.8         | 0          | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 1.9       |
| Tertiary  | W2   | 3.8         | 0          | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 2.9       |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| PC1        | 1.7         |

## FEMA-154 Collapse Potential

Moderate (>1%)



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# Douglas High School

Doug\_sch26B

|   |  |  |   |  |   |
|---|--|--|---|--|---|
| Enrollment<br>481   | Year Built (Field Verified)<br>1956  | Year Built (Alt. Source)<br>1956   | Est. Decade Built<br>1950   |  |   |
| Total Area (square ft)<br>64393   | Number of Stories<br>2   | Basement   | Pounding Potential<br>No  |  |   |
| Plan Irregularities   |  | Vertical Irregularities  |   |  |   |
| Reentrant Corners: Other  |  | Steps in Elevation View: Single Change   |   |  |   |
| Reentrant Corners: Other (Adjacent Build/Entity)                                    |  | Steps in Elevation View: Single Change (Adjacent Building/Entity)                  |   |  |   |
| None  |  | Internal Discontinuous Diaphragm (large internal opening)                          |   |  |   |
| Falling Hazards   |  | Poor Conditions  |   |  |   |
| None  |  | Poor Concrete  |   |  |   |
| None  |  | None   |   |  |   |
| None  |  | None   |   |  |   |
|   | W Poor Condition<br>cracked concrete column. There is also evidence of concrete spalling that has been patched.                                |  | SW Vertical Irregularity Primary<br>sloped site and reentrant corner. The top half of the left section is W2. |  | N Primary Structural Type<br>and secondary structural type. |
|  | SW Vertical Irregularity Secondary<br>and reentrant corner due to adjacent building. Building A is on the right and building B is on the left. |  |   |  |   |



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Oregon Department of Geology and Mineral Industries

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26C

|                                |                              |              |
|--------------------------------|------------------------------|--------------|
| Building Type<br>School        | County<br>Douglas            |              |
| Street<br>1381 NW Douglas Blvd |                              |              |
| City<br>Winston                | State<br>OR                  | Zip<br>97496 |
| Latitude<br>43.11606           | Longitude<br>123.43738       |              |
| Tracking Code<br>RVS in 2006   | Inspection Date<br>8/21/2006 |              |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | C2   | 2.8         | -1         | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 0.9       |
| Secondary | W2   | 3.8         | -2         | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 0.9       |
| Tertiary  | PC1  | 2.6         | 0          | -0.5       | 0        | 0          | -0.4   | 0      | 0      | 1.7       |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| C2         | 0.9         |

## FEMA-154 Collapse Potential

High (>10%)



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Oregon Department of Geology and Mineral Industries

# Douglas High School

Doug\_sch26C

|  |                                     |  |                           |
|--|-------------------------------------|--|---------------------------|
| Enrollment<br>481  | Year Built (Field Verified)<br>1956 | Year Built (Alt. Source)<br>1956   | Est. Decade Built<br>1950 |
| Total Area (square ft)<br>64393  | Number of Stories<br>1              | Basement   | Pounding Potential<br>No  |
| Plan Irregularities  |                                     | Vertical Irregularities  |                           |
| Reentrant Corners: Other   |                                     | Steps in Elevation View: Very Irregular Changes (Adjacent Building/Ent)              |                           |
| Non-Parallel System  |                                     | None   |                           |
| Out of Plane Lateral-Force-Resistance Elements                                       |                                     | None   |                           |
| Falling Hazards  |                                     | Poor Conditions  |                           |
| None   |                                     | None   |                           |
| None   |                                     | None   |                           |
| None   |                                     | None   |                           |
|    |                                     |   |                           |
| S Primary Structural Type  |                                     | NW Plan Irregularity Tertiary out of plane LFRS                                      |                           |
|  |                                     | SE Plan Irregularity Secondary   |                           |
|   |                                     |  |                           |
| S Vertical Irregularity Primary  |                                     |  |                           |



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Oregon Department of Geology and Mineral Industries

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26D

|                      |                 |       |
|----------------------|-----------------|-------|
| Building Type        | County          |       |
| School               | Douglas         |       |
| Street               |                 |       |
| 1381 NW Douglas Blvd |                 |       |
| City                 | State           | Zip   |
| Winston              | OR              | 97496 |
| Latitude             | Longitude       |       |
| 43.11625             | 123.43802       |       |
| Tracking Code        | Inspection Date |       |
| RVS in 2006          | 8/21/2006       |       |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | W2   | 3.8         | 0          | -0.5       | 0        | 2.4        | -0.4   | 0      | 0      | 5.3       |
| Secondary |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |
| Tertiary  |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| W2         | 5.3         |

## FEMA-154 Collapse Potential

Low (<1%)



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# Douglas High School

Doug\_sch26D

|  |                                     |   |                           |
|--|-------------------------------------|---|---------------------------|
| Enrollment<br>481  | Year Built (Field Verified)<br>1956 | Year Built (Alt. Source)<br>1956                | Est. Decade Built<br>2000 |
| Total Area (square ft)<br>64393  | Number of Stories<br>1              | Basement  | Pounding Potential<br>No  |
| Plan Irregularities<br>Reentrant Corners: Other<br>None<br>None  |                                     | Vertical Irregularities<br>None<br>None<br>None |                           |
| Falling Hazards<br>None<br>None<br>None  |                                     | Poor Conditions<br>None<br>None<br>None         |                           |
| <br>SW Plan Irregularity Primary |                                     |   |                           |

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26E

|                      |                 |       |
|----------------------|-----------------|-------|
| Building Type        | County          |       |
| School               | Douglas         |       |
| Street               |                 |       |
| 1381 NW Douglas Blvd |                 |       |
| City                 | State           | Zip   |
| Winston              | OR              | 97496 |
| Latitude             | Longitude       |       |
| 43.11649             | 123.43614       |       |
| Tracking Code        | Inspection Date |       |
| RVS in 2006          | 8/21/2006       |       |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | W1   | 4.4         | 0          | 0          | 0        | 2.4        | 0      | 0      | 0      | 6.8       |
| Secondary |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |
| Tertiary  |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| W1         | 6.8         |

## FEMA-154 Collapse Potential

Low (<1%)



# Douglas High School

Doug\_sch26E

|   |                                     |   |                           |
|---|-------------------------------------|---|---------------------------|
| Enrollment<br>481                           | Year Built (Field Verified)<br>1956 | Year Built (Alt. Source)<br>1956                | Est. Decade Built<br>1980 |
| Total Area (square ft)<br>64393             | Number of Stories<br>1              | Basement  | Pounding Potential<br>No  |
| Plan Irregularities<br>None<br>None<br>None |                                     | Vertical Irregularities<br>None<br>None<br>None |                           |
| Falling Hazards<br>None<br>None<br>None     |                                     | Poor Conditions<br>None<br>None<br>None         |                           |

# Douglas High School

Winston-Dillard SD 116

Doug\_sch26F

|                      |                 |       |
|----------------------|-----------------|-------|
| Building Type        | County          |       |
| School               | Douglas         |       |
| Street               |                 |       |
| 1381 NW Douglas Blvd |                 |       |
| City                 | State           | Zip   |
| Winston              | OR              | 97496 |
| Latitude             | Longitude       |       |
| 43.11597             | 123.43653       |       |
| Tracking Code        | Inspection Date |       |
| RVS in 2006          | 8/21/2006       |       |



Seismicity Zone: High

## FEMA 154 Rapid Visual Screening Score Card

|           | Type | Basic Score | Vert Irreg | Plan Irreg | Pre-Code | Post-Bench | Soil C | Soil D | Soil E | RVS Score |
|-----------|------|-------------|------------|------------|----------|------------|--------|--------|--------|-----------|
| Primary   | PC1  | 2.6         | 0          | 0          | 0        | 0          | -0.4   | 0      | 0      | 2.2       |
| Secondary |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |
| Tertiary  |      | 0           | 0          | 0          | 0        | 0          | 0      | 0      | 0      | 0         |

Douglas High School

## Final RVS Score

| Final Type | Final Score |
|------------|-------------|
| PC1        | 2.2         |

## FEMA-154 Collapse Potential

Low (<1%)



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# Douglas High School

Doug\_sch26F

|   |                                     |   |                           |
|---|-------------------------------------|---|---------------------------|
| Enrollment<br>481   | Year Built (Field Verified)<br>1956 | Year Built (Alt. Source)<br>1956  | Est. Decade Built<br>1970 |
| Total Area (square ft)<br>64393   | Number of Stories<br>1              | Basement  | Pounding Potential<br>No  |
| Plan Irregularities<br>None<br>None<br>None   |                                     | Vertical Irregularities<br>None<br>None<br>None   |                           |
| Falling Hazards<br>None<br>None<br>None   |                                     | Poor Conditions<br>None<br>None<br>None   |                           |
| <br>SW Elevation View |                                     | <br>W Primary Structural Type<br>Steel embed plate between two PC1 walls. |                           |