

# St Helens High School

Colu\_sch07A

St Helens SD 502

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84912		122.83398	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

St Helens High School

## Final RVS Score

Final Type

Final Score

C2

0.9

FEMA-154 Collapse Potential

High (>10%)



OregonGeology

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

Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
1106	1958	1958	1950
Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: Other	Steps in Elevation View: Very Irregular Changes
Reentrant Corners: Other (Adjacent Build/Entity)	Steps in Elevation View: Very Irregular Changes (Adjacent Building/Ent
Torsion: Eccentric Stiffness	None

Falling Hazards	Poor Conditions
Other: Ornamental Hazard Over Exit	None
Other: Smokestack	None
None	None



NE Falling Hazard

N Field Verified Year Built  
1958

SE Vertical Irregularity Primary



SE Vertical Irregularity Secondary



E Vertical Irregularity Primary



NW Plan Irregularity Tertiary

# St Helens High School

Colu\_sch07B

St Helens SD 502

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84961		122.83541	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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	-2	0	0	2.4	-0.4	0	0	3.8
Secondary	RM1	2.8	-1	0	0	0	-0.4	0	0	1.4
Tertiary	C2	2.8	-1	0	0	0	-0.4	0	0	1.4

St Helens High School

## Final RVS Score

Final Type

Final Score

RM1

1.4

FEMA-154 Collapse Potential

Moderate (>1%)



OregonGeology

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



Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
1106		1958	1980
Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: Other	Steps in Elevation View: 2 to 3 Changes
None	None
None	None

Falling Hazards	Poor Conditions
Other: Brick Veneer	None
None	None
None	None



NE Elevation View



NW Plan Irregularity Primary



NW Plan Irregularity Primary

# St Helens High School

Colu\_sch07C

St Helens SD 502

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84996		122.83606	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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	-2	0	0	2.4	-0.4	0	0	3.8
Secondary	RM1	2.8	-1	0	0	0	-0.4	0	0	1.4
Tertiary	C2	2.8	-1	0	0	0	-0.4	0	0	1.4

St Helens High School

## Final RVS Score

Final Type

Final Score

RM1

1.4

FEMA-154 Collapse Potential

Moderate (>1%)



OregonGeology

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

Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
1106		1958	1980
Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
None	Steps in Elevation View: Single Change
None	None
None	None

Falling Hazards	Poor Conditions
Other: Brick Veneer	None
None	None
None	None



NW Primary Structural Type

# St Helens High School

St Helens SD 502

Colu\_sch07D

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84999		122.83662	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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	0	-0.5	0	0	-0.4	0	0	1.9
Secondary	RM1	2.8	0	-0.5	0	0	-0.4	0	0	1.9
Tertiary		0	0	0	0	0	0	0	0	0

St Helens High School

## Final RVS Score

Final Type

Final Score

C2

1.9

FEMA-154 Collapse Potential

Moderate (>1%)



OregonGeology

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

Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
1106		1958	1980
Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: L Shaped	None
None	None
None	None

Falling Hazards	Poor Conditions
Other: Brick Veneer	None
None	None
None	None



E Primary Structural Type  
note all-brick wing wall and conc cols between bays



N Plan Irregularity Primary



NW Elevation View



# St Helens High School

Colu\_sch07E

St Helens SD 502

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84857		122.83483	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

St Helens High School

## Final RVS Score

Final Type

Final Score

PC1

1.7

FEMA-154 Collapse Potential

Moderate (>1%)




OregonGeology

Rapid Visual Screening - Senate Bill #2 - Seismic Needs Assessment  
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Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
1106		1958	1980
Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners:Other (Adjacent Build/Entity)	Steps in Elevation View: Single Change (Adjacent Building/Entity)
None	None
None	None

Falling Hazards	Poor Conditions
None	None
None	None
None	None



NW Vertical Irregularity Primary



# St Helens High School

St Helens SD 502

Colu\_sch07F

Building Type		County	
School		Columbia	
Street			
2375 Gable Rd			
City	State	Zip	
St Helens	OR	97051	
Latitude		Longitude	
45.84868		122.83429	
Tracking Code		Inspection Date	
RVS in 2006		12/30/2006	



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		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

St Helens High School

## Final RVS Score

Final Type

Final Score

C2

0.9

FEMA-154 Collapse Potential

High (>10%)



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Total Area (square ft)	Number of Stories	Basement	Pounding Potential
212750	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: Other	Steps in Elevation View: Very Irregular Changes
Reentrant Corners: Other (Adjacent Build/Entity	Steps in Elevation View: Very Irregular Changes (Adjacent Building/Ent
None	None

Falling Hazards	Poor Conditions
Other: Heavy cornice or other overhead decoration	None
None	None
None	None

