

# Twality Middle School

Tigard-Tualatin SD 23J

Wash\_sch37A

Building Type	County
School	Washington
Street	
14650 Sw 97th Ave	
City	State Zip
Tigard	OR 97224
Latitude	Longitude
45.414	122.77509
Tracking Code	Inspection Date
RVS in 2006	6/29/2006



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	PC1	2.6	0	-0.5	0	0	-0.4	0	0	1.7
Tertiary		0	0	0	0	0	0	0	0	0

Twality Middle School

## Final RVS Score

Final Type	Final Score
C2	0.9

## FEMA-154 Collapse Potential

High (>10%)



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

# Twality Middle School

Wash\_sch37A

Enrollment 888	Year Built (Field Verified) 1950	Year Built (Alt. Source) 1950	Est. Decade Built 1960
Total Area (square ft) 113954	Number of Stories 2	Basement	Pounding Potential No
Plan Irregularities Reentrant Corners:Other (Adjacent Build/Entity) Reentrant Corners: Other None		Vertical Irregularities Building On Hill or Sloped Site Short Columns None	
Falling Hazards Unreinforced Chimneys Other: Heavy cornice or other overhead decoration None		Poor Conditions Cracks None None	
			
NE Vertical Irregularity Primary		SE Primary Structural Type concrete behind stucco	
		N Vertical Irregularity Secondary	
			
E Pounding Potential RM1 elevator bldg ....pounding On Plan view no RVS. Stairs look original		SE Plan Irregularity Primary	
		SE Poor Condition Lots of small visible cracks.	
			
N Pounding Potential RM1 storage against C2.... RM1 not RVSed		S Falling Hazard	



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# Twality Middle School

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SE Pounding Potential  
PC1 against C2



W Falling Hazard



SE Pounding Potential  
PC1 loading dock against C2.  
Loading dock addition not RVSed.



E Building Quality  
welded joint on PC1 loading dock



W Primary Structural Type



SW Pounding Potential  
covered walkway connected to building at different edges



NW Pounding Potential  
connecting hallway, between two buildings.



NW General Site



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Tigard-Tualatin SD 23J

Wash\_sch37B

Building Type	County
School	Washington
Street	
14650 Sw 97th Ave	
City	State Zip
Tigard	OR 97224
Latitude	Longitude
45.41369	122.77473
Tracking Code	Inspection Date
RVS in 2006	6/29/2006



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

Twality Middle School

## Final RVS Score

Final Type	Final Score
PC1	1.7

## FEMA-154 Collapse Potential

Moderate (>1%)



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# Twality Middle School

Wash\_sch37B

Enrollment 888	Year Built (Field Verified) 1950	Year Built (Alt. Source) 1950	Est. Decade Built 1970
Total Area (square ft) 113954	Number of Stories 1	Basement	Pounding Potential Yes
Plan Irregularities Reentrant Corners:L shaped (Adjacent Build/Entity) None None		Vertical Irregularities Steps in Elevation View: Single Change (Adjacent Building/Entity) None None	
Falling Hazards None None None		Poor Conditions None None None	
			
N Primary Structural Type caulked edges every 8ft			



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