

## Appendix B. Structure Assessment Report

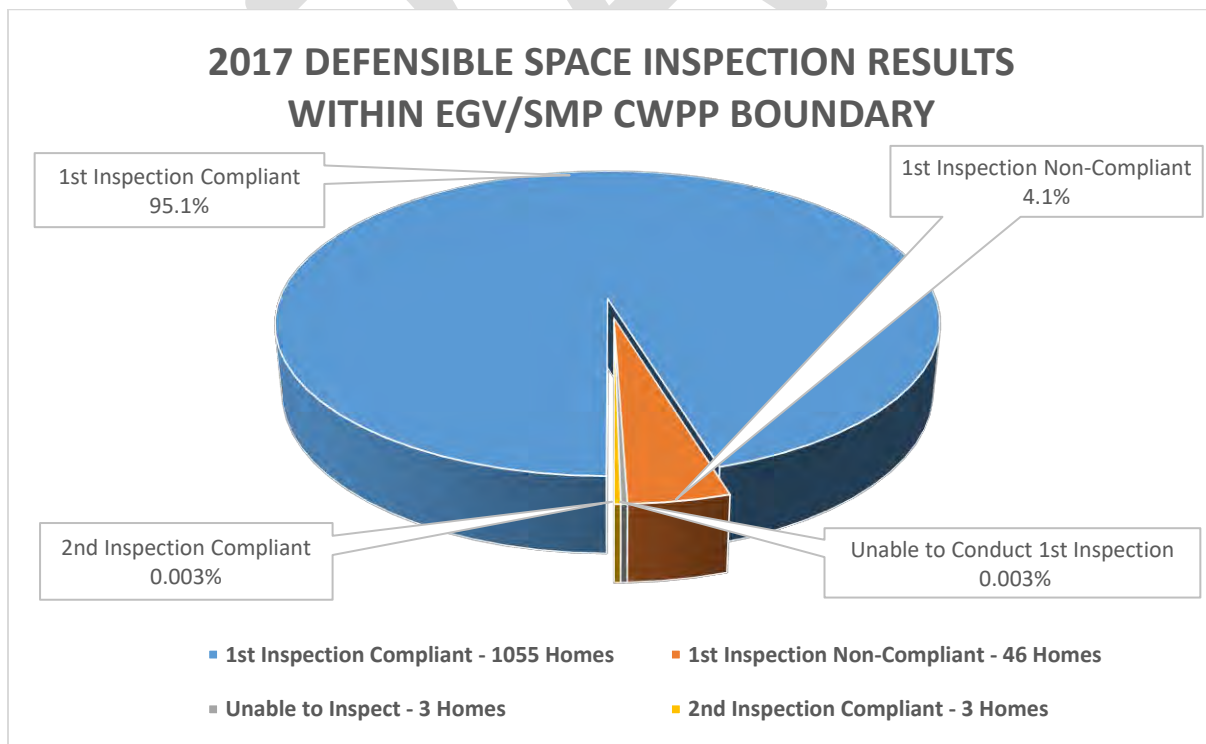
In the latter stages of the development of this document, the Development Team recognized the need to create a structural assessment of the homes within the CWPP boundary as an appendix. The Santa Barbara County Fire Department dedicated two inspectors and a GIS Technician to undertake this rigorous process to assist the EGV/SMP Development Team with completing the assessment and addition to this CWPP.

For the development of Structural Assessment Appendix, 1,109 structures were assessed for defensible space, fire resistive roofing material and fire resistive siding on structures within the CWPP boundary. Not all homes within the boundary were inspected due to lack of access, but it is unlikely the uninspected homes would significantly change the data within this Appendix.

### San Marcos Pass – Eastern Goleta Valley CWPP Structural Assessment

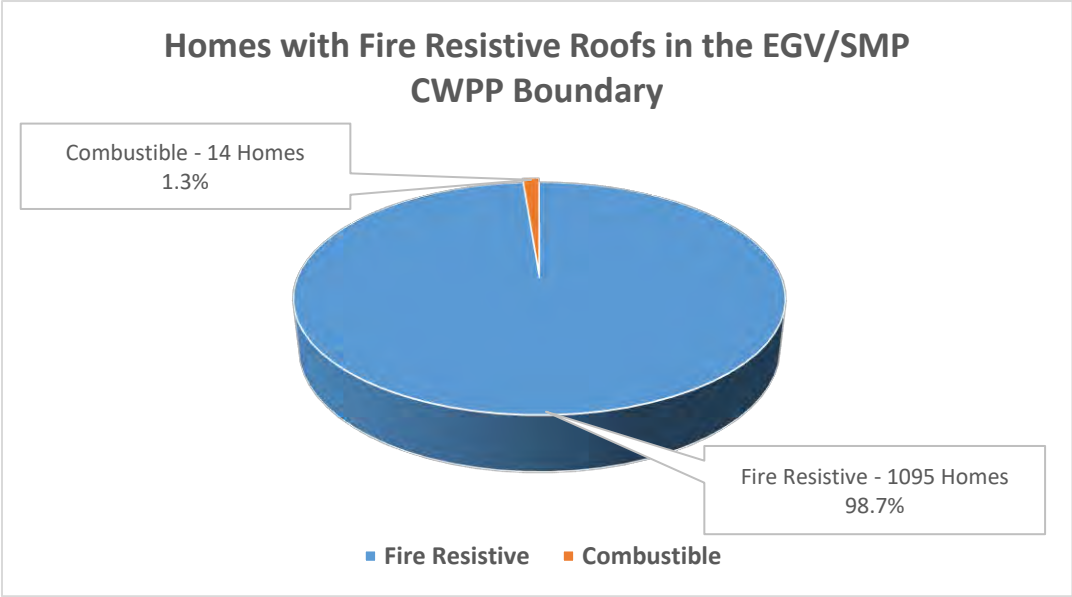
#### 2017 Defensible Space Inspection Results

Homes inspected within the EGV/SMP CWPP Boundary lie within the State Responsibility Area (SRA) and are subject to California Public Resource Code (PRC) 4291. Based on PRC 4291 criteria, 95.1%, or 1055 homes, of the 1109 homes passed on the first inspection. An additional 4 passed on the second inspection, with second or initial inspections still pending on the remaining 49 homes in this assessment. The results of the defensible space inspections are reflected on the chart below.

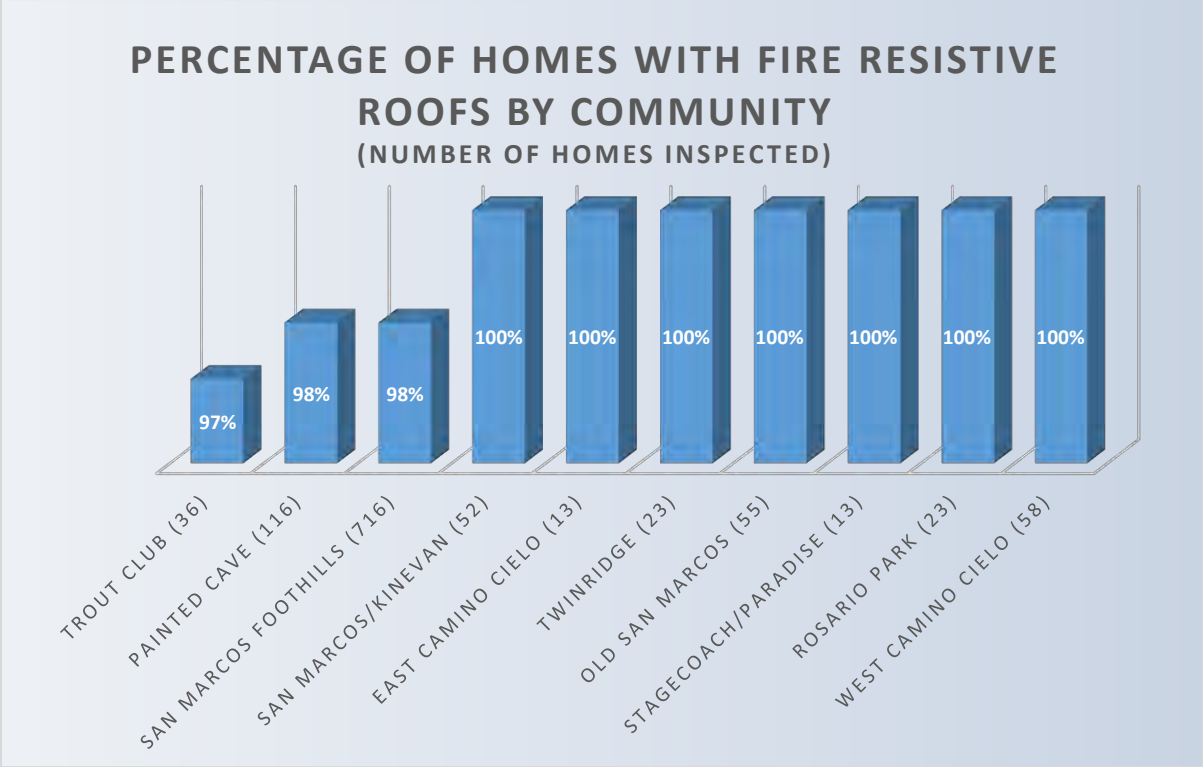


San Marcos Pass – Eastern Goleta Valley CWPP Structural Assessment

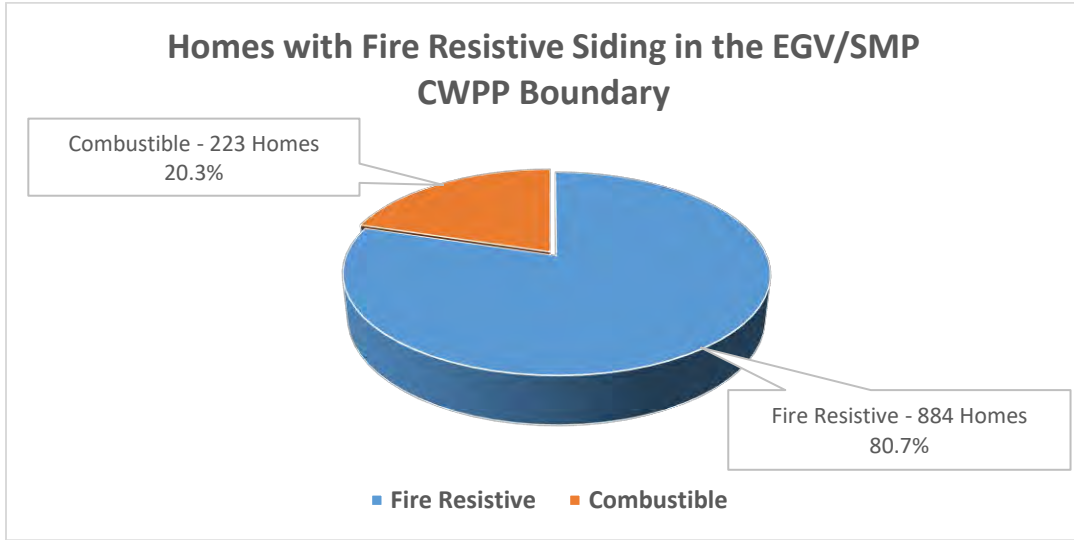
Homes with Fire Resistive Roofs within CWPP Boundary



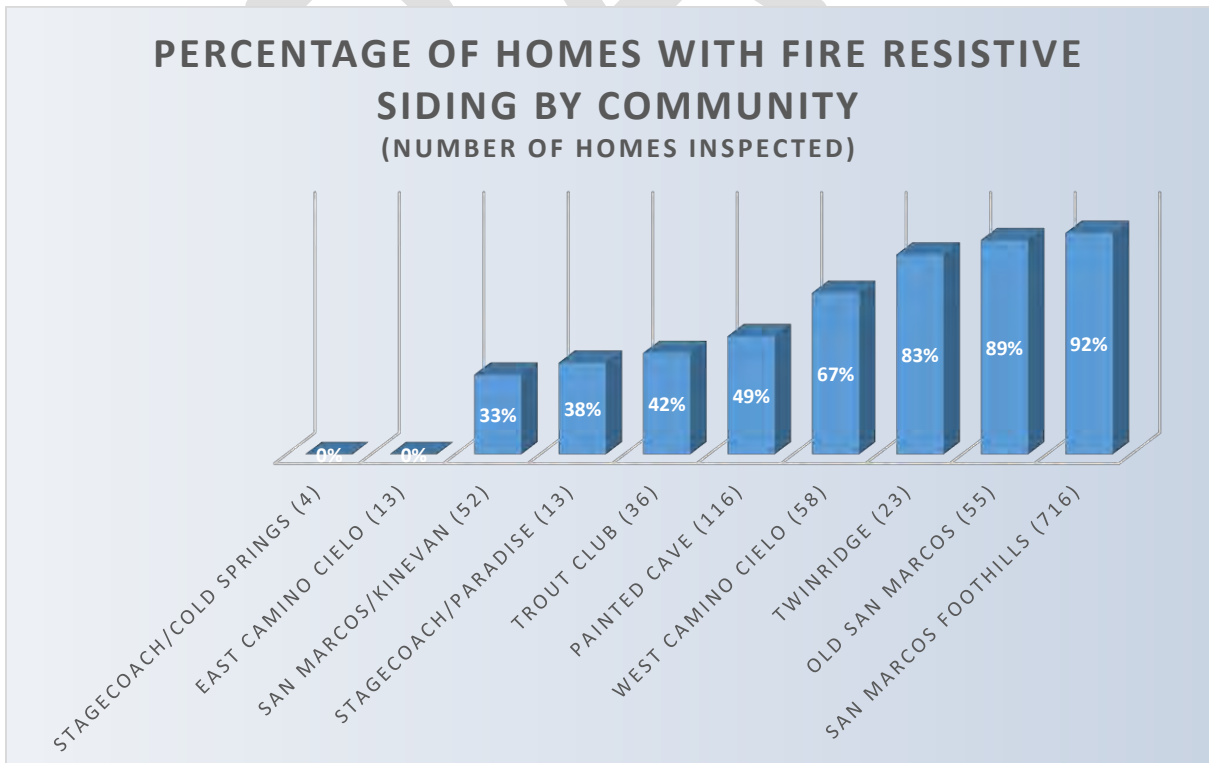
Fire Resistive Roofs by Community within CWPP Boundary



San Marcos Pass – Eastern Goleta Valley CWPP Structural Assessment  
 Homes with Fire Resistive Siding within CWPP Boundary

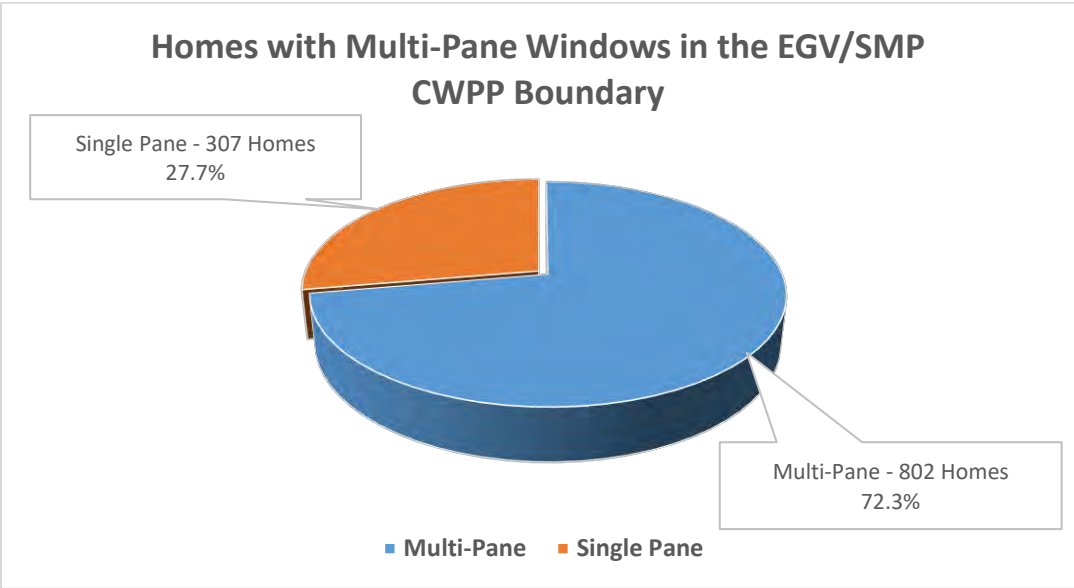


Homes with Fire Resistive Siding Materials within CWPP Boundary by Community

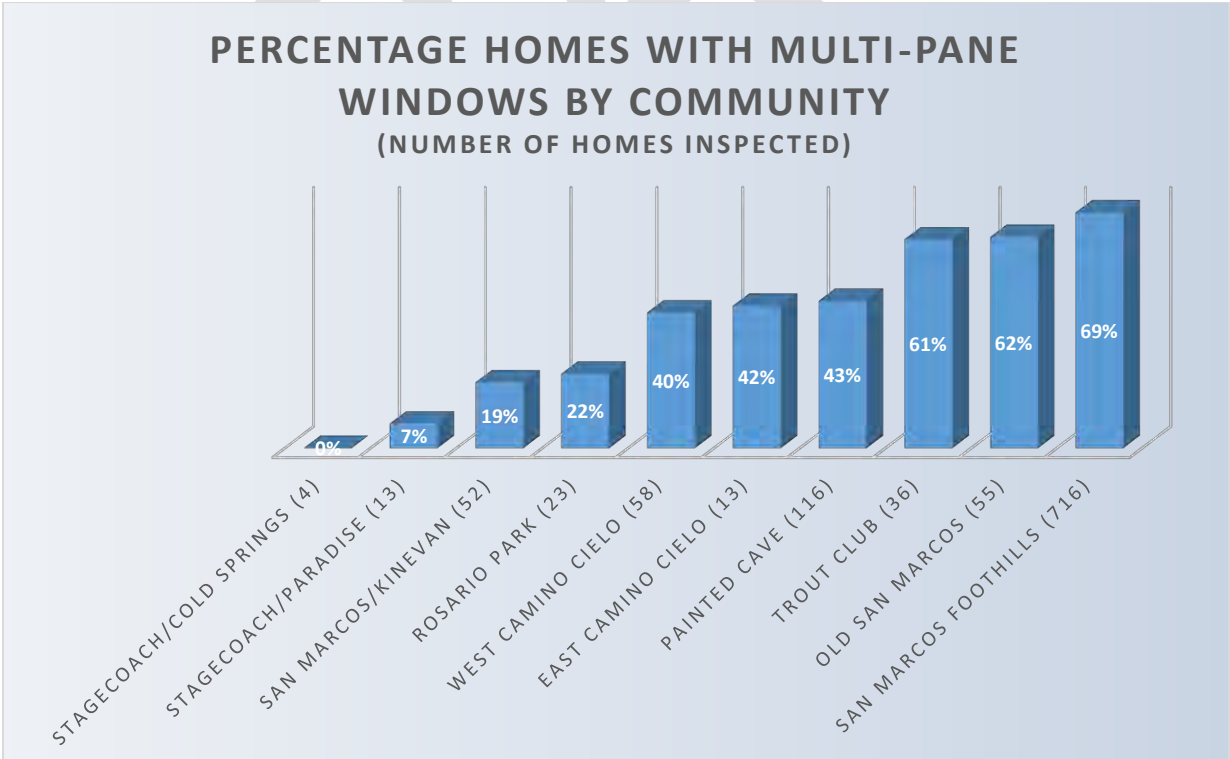


San Marcos Pass – Eastern Goleta Valley CWPP Structural Assessment

Homes with Multi-Pane Windows within CWPP Boundary



Homes with Multi-Pane Windows by Community within CWPP Boundary



## Retrofitting Opportunities

Retrofitting Opportunities*	
Components	Cost
Roof – asphalt shingle	\$10,000-14,522
Stucco	\$4,185-11,070
Exterior Sprinkler System – Permanent	\$18,000-25,000
Exterior Sprinkler System – Manual	\$250
Fire Retardant/Foam System	\$14,000-100,000+

\*Using zip code 93105 and a 2,000 square foot house

The cost estimates for roofing and stucco do not include:

- general contractor costs
- permits, inspection and/or building fees
- materials and supply sales taxes
- any removal and disposal fees, removing, relocating, repairing, or modifying existing framing, surfacing, HVAC, electrical, and plumbing systems - or bringing those systems into compliance with current building codes
- general contractor fees, if used for the project
- costs for testing and remediation of hazardous materials (asbestos, lead, etc)

The cost estimates for roofing and stucco includes:

- local material / equipment delivery to job site
- service provider transportation to and from the job site
- labor
- labor setup time

Websites:

- Stucco Siding - [www.towncontractors.com/stucco-installation-prices-santa-barbara-93101](http://www.towncontractors.com/stucco-installation-prices-santa-barbara-93101)
- Shingle Roofing - [www.towncontractors.com/shingle-roofing-installation-santa-barbara-costs-santa-barbara-county](http://www.towncontractors.com/shingle-roofing-installation-santa-barbara-costs-santa-barbara-county) and communication with Action Roofing in Santa Barbara.
- Exterior sprinkler system - [www.thedenverchannel.com/thenow/colorado-company-creates-automatic-exterior-fire-sprinkler-system](http://www.thedenverchannel.com/thenow/colorado-company-creates-automatic-exterior-fire-sprinkler-system) and [www.waveguardco.com](http://www.waveguardco.com)
- Fire Retardant/Foam Systems - [www.coloradofirebreak.com/wildfire-protection-facts](http://www.coloradofirebreak.com/wildfire-protection-facts)