

# EARTHQUAKE FIELD GUIDE & HOUSING QUIZ

Spotting Common Problems in Bay Area Housing



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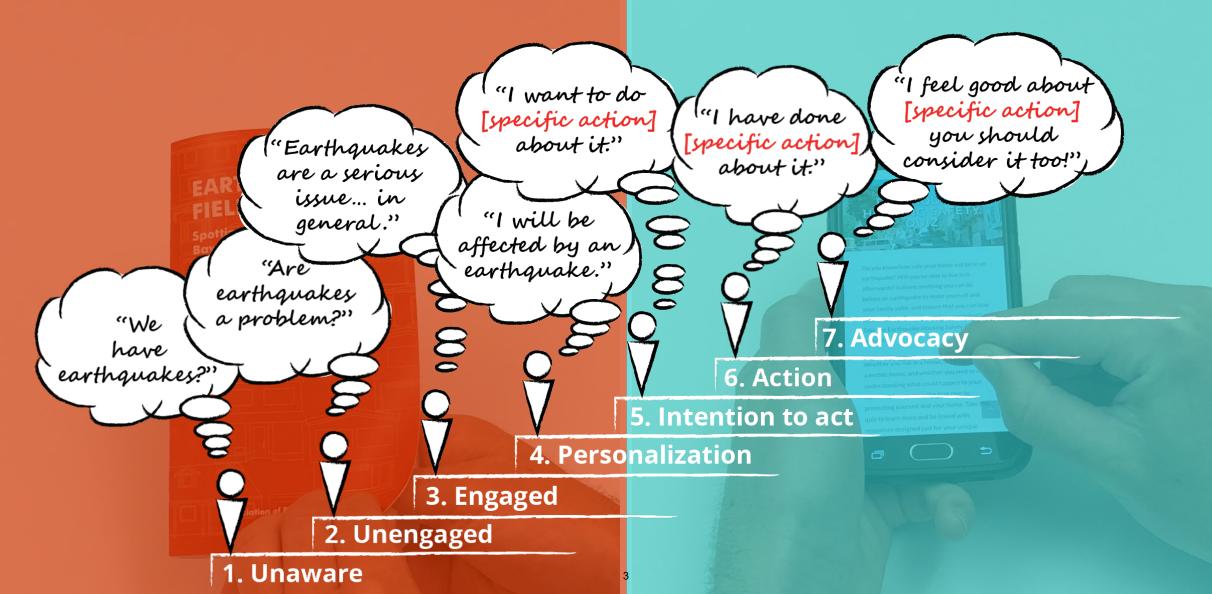


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## EARTHQUAKE FIELD GUIDE

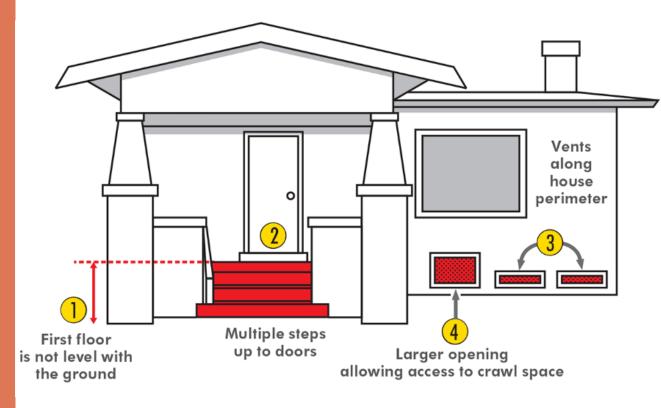
## EARTHQUAK Genda Item 8 Attachment 1 HOUSING SAFETY QUIZ



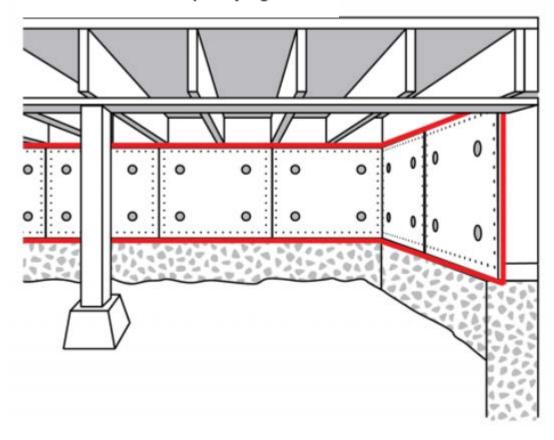
## EARTHQUAKE FIELD GUIDE

## Housing Type

- Identifying Features
  The visual clues to help you ID homes
  from the street.
- Commonly Found With
  Some homes fit more than one type, we highlight common hybrids.
- Common Problem in an Earthquake Adescription of common damage patterns for the building type.
- Next Steps
  Spoiler Alert! It's always to take the quiz.



#### Wood studs with a qualifying retrofit



If the portions of the wall at the perimeter are covered with plywood or oriented strand board (OSB) and you cannot see wood studs, this is a sign that your cripple wall may have been retrofitted. If you have participated in a program such as the California Earthquake Authority's Earthquake Brace and Bolt Program or using Standard Plan Set A, choose "Wood studs with a qualifying retrofit." If you have a retrofit that was not part of a program, please consult a contractor to evaluate your retrofit.

# EARTHQUA Agenda Item 8 Attachment 1 HOUSING SAFETY QUIZ

## Three Unique Quizzes

- Single Family Homes
- o Multi-Family Homes
- o Mobile or Manufactured Homes

#### Three Sections in Each

- o Geologic Hazards
- o Structural
- o Non-Structural

Adaptive Questions

The user is only asked relevant questions.

Resources to Help Answer Questions
Resource Page to explain complex concepts

#### PRONE TO CRAWL SPACE COLLAPSE



#### What does this mean and what do I do next?

If the crawl space framing is not bolted to the foundation, the home can slide off the foundation. If the crawl space is not properly braced with plywood, all or a portion of the crawl space can experience significant lean or collapse.

Strengthen crawl space walls. If the cripple wall is under 7 feet, you may be able to do this yourself or with a contractor. For taller cripple walls, consult a civil or structural engineer or architect.

#### > MORE INFORMATION.

# EARTHQUA Agenda Item 8 Attachment 1 HOUSING SAFETY QUIZ

### Outcomes Page

Organized by the three sections of the Quiz

- o Geologic
- o Structural
- o Non-Structural

Four Dimensions to help make decisions

- o Safety
- o Liveability
- o Retrofit Cost
- o Priority

#### Resources

When available, links to guidance, standard plan sets, or funding are shared.

### HOW YOU CAN HELP

Use it yourself!

Amplify <u>homequakequiz.org</u>

- o On your website change old links!
- o As part of your local programs and outreach
- o Share with your partners and neighboring communities

Request additional copies of the printed Field Guide

- o We're making 10 copies available to local jurisdictions
- o We're making 3 copies available to other organizations

Adapt elements for your needs

o All the elements can be adapted for local programs and outreach materials

