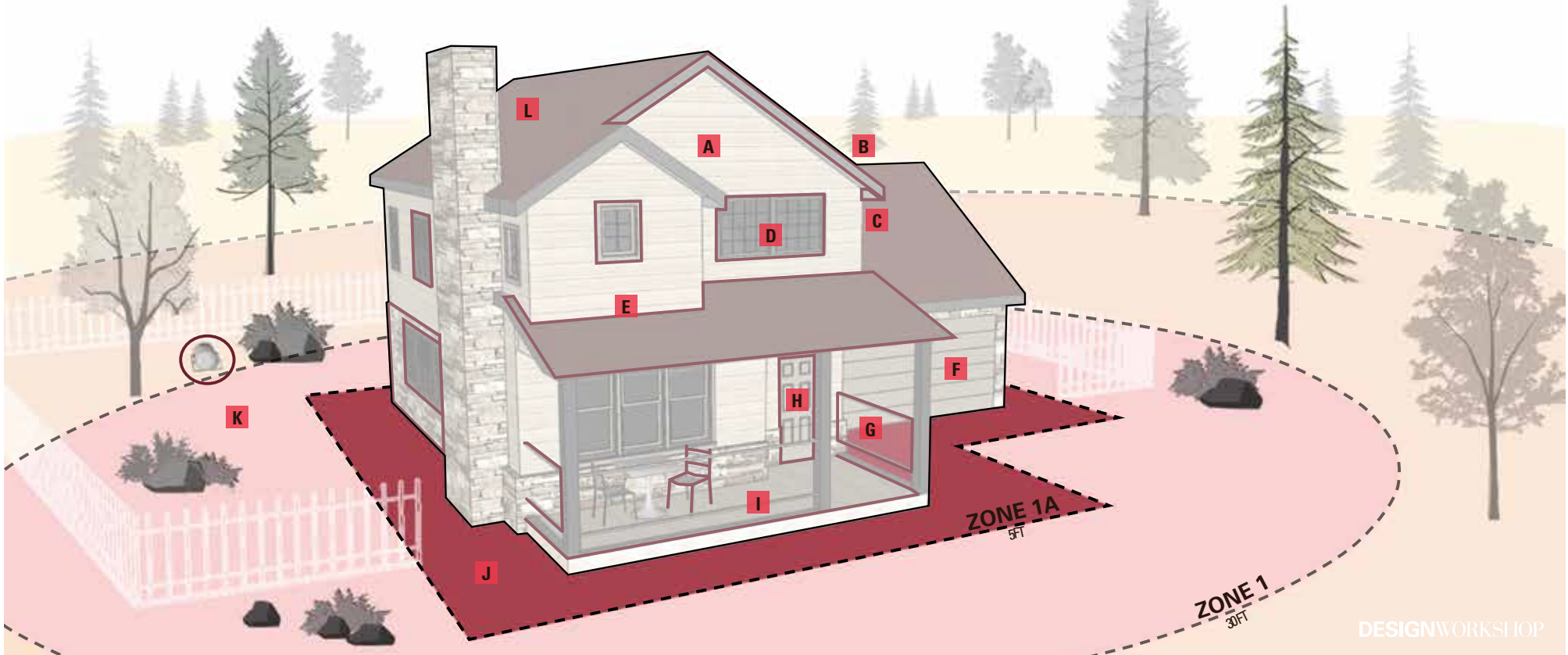


# WILDFIRE MITIGATION CONCEPTS FOR THE HOME

## MITIGATED HOME

## WUI CODES

Even if homes are located outside of intermix or interface areas, they can still be susceptible to transported embers. WUI Codes can be adopted to incorporate best practices and specify materials to mitigate wildfire risk



DESIGNWORKSHOP

### ZONE 1A 5FT NON-COMBUSTIBLE BUFFER AROUND THE FURTHEST EXTENSION OF THE STRUCTURE



- A** Use non-combustible or ignition resistant siding and trim
- B** Clear debris from roofs and gutters regularly
  - Install non-combustible gutters and downspouts
- C** Install Class A fire-resistant roof assembly and enclosed non-combustible eaves with appropriately screened vents
- D** Install multi-pane windows or ideally tempered glass with:
  - 1/8 IN metal window screens
  - Window frames constructed with non-combustible materials
- E** Ensure 6IN vertical non-combustible surface on all gables above roof surfaces
- F** Conditions may require 1HR fire rated garage door; all gaps should be sealed
- G** Avoid use of combustible lattice, trellis, or other decorative features
- H** Conditions may require 1HR fire rated door (as opposed to non-combustible or solid wood) where conditions warrant
- I** Construct deck with heavy timber or UL/ASTM fire rated materials, and ensure:
  - Crawl spaces are enclosed and regularly cleaned, or left open and regularly cleaned
  - A non-combustible surface is maintained and no combustibles are stored under the deck
  - No combustible patio furniture or accessories are on the deck
- J** Establish and maintain a 5 FT non-combustible buffer around the structure including:
  - All vegetation material
  - Firewood
- K** In Zone 1, allow:
  - Only low growing, low flammability plants
  - Only accessory structures (or adjacent structures) mitigated to primary structure standards
  - No propane storage within 30FT of the building
  - No storage of firewood or combustibles within 30FT
- L** Ensure any skylights present are glass