



RedZone Survey
Survey Name: Structure Preplan

Total number of questions: 45
of Multiple Choice: 38
of Fill in the Blank: 6
of Lat/Long: 1

If the question is in the Hazard model, weights are shown in parenthesis after the answer. e.g.
Wood (25)

Question: Is structure address clearly visible from street? If not standard then describe in notes.

Question Type: Multiple Choice

Answers:

- Present and visible (0)
- Present, not visible (2)
- Not present (4)

Question: Is there more than one access/egress?

Question Type: Multiple Choice

Answers:

- One way access (5)
- More than one way access (0)

Question: # of driveways

Question Type: Multiple Choice

Answers:

- 1 to dwelling (0)
- 2 to dwelling (0)
- > 2 to dwelling (0)

Question: Width of Driveway?

Question Type: Multiple Choice

Answers:

- 20 ft or less (2)
- 20-26 ft (0)
- > 26 ft (0)
- Inaccessible (4)

Question: What is the length of the driveway in feet?

Question Type: Fill in the blank

Question: Is there clearance? (vertical and horizontal)

Question Type: Multiple Choice

Answers:

- Yes
- No (describe in notes)

Question: Is access to the home gated?

Question Type: Multiple Choice

Answers:

- No (0)
- Yes, siren activated (2)
- Yes, not siren activated (5)

Question: Grade of driveway:

Question Type: Multiple Choice

Answers:

- Flat (0% - 5%) (0)
- Low (6% - 8%) (1)
- Moderate (9% - 12%) (3)
- Steep (> 12%) (4)

Question: Is there an adequate fire dept turnaround?

Question Type: Multiple Choice

Answers:

- Yes (0)
- No (5)

Question: Bridges accessing the property

Question Type: Multiple Choice

Answers:

- Present and rated (>20,000 axle load) (2)
- Present and unrated / substandard (4)
- Not present (0)

Question: Describe the parking.

Question Type: Multiple Choice

Answers:

- Room for 1 rig (0)
- Room for two or more rigs (0)
- No room for rigs without lane blockage (0)

Question: What is the predominant aspect around the structure?

Question Type: Multiple Choice

Answers:

- Flat (0-5%)
- North (NW<-N->NE)
- East (NE<-E->SE)
- South (SE<-S->SW)
- West (SW<-W->NW)

Question: Overall slope of the area within 150 ft of structure?

Question Type: Multiple Choice

Answers:

- Less than 9% (0)
- Between 10% and 20% (4)
- Between 21% and 30% (6)
- Between 31% and 40% (8)
- Greater than 41% (10)

Question: What is the fuel load around the structure?

Question Type: Multiple Choice

Answers:

- Light (7)
- Moderate (15)
- Heavy (20)

Question: What is the fuel type?

Question Type: Multiple Choice

Answers:

- Timber (10)
- Brush (8)
- Grass (4)
- Ground fuels (2)
- Debris (6)

Question: Defensible Space?

Question Type: Multiple Choice

Answers:

- More than 75 feet (1)
- 50-75 feet (3)
- 30-50 feet (10)
- Less than 30 feet or none (25)

Question: Describe the defensible space?

Question Type: Multiple Choice

Answers:

- Conforming
- Non-conforming
- None

Question: Vegetation near roof?

Question Type: Multiple Choice

Answers:

- Not Applicable
- Branches/limbs Within 5 Feet
- Overhanging Branches/Limbs
- Leaf and/or needles on roof/gutters

Question: Describe the fuels in the Defensible space.

Question Type: Multiple Choice

Answers:

- Irrigated (0)
- Not irrigated (0)
- No fuels (0)

Question: What is the size of the structure in square feet?

Question Type: Fill in the blank

Question: Is the size of the structure verified or estimated?

Question Type: Multiple Choice

Answers:

- Verified (0)
- Estimated (0)

Question: What type of Roofing Material?

Question Type: Multiple Choice

Answers:

- Tile (0)
- Metal (0)
- Asphalt (5)
- Wood - rated (15)
- Wood - Non rated (20)
- Other (0)

Question: Describe the roof construction type.

Question Type: Multiple Choice

Answers:

- Lightweight truss (0)
- Bowstring (0)
- Heavy timber (0)
- T&G decking (0)
- Wooden I-joists (0)
- Dimensional lumber (0)
- Unknown (0)

Question: What is the Siding Material?

Question Type: Multiple Choice

Answers:

- Highly combustible (10)
- Combustible (5)
- Non-Combustible (0)

Question: Eaves?

Question Type: Multiple Choice

Answers:

- Not Present (0)
- Enclosed (2)
- Not Enclosed (4)

Question: Describe the type of occupancy

Question Type: Multiple Choice

Answers:

- Residential (0)
- Commercial (0)
- Guest house (0)
- Agricultural (0)
- Other (0)

Question: Note all of the alarms that exist:

Question Type: Multiple Choice

Answers:

- Smoke (0)
- Heat (0)
- CO (0)
- Elevator (0)
- Sprinkler flow (0)
- Other (put in notes) (0)
- Unknown (0)
- None (0)

Question: Primary onsite water source for firefighting?

Question Type: Multiple Choice

Answers:

- None (10)
- Pressurized hydrant (0)
- Cistern (2)
- Modified hydrant seasonal (6)
- Modified hydrant year-round (4)
- Dry hydrant (2)
- Unimproved water source seasonal (8)
- Unimproved water source year-round (4)

Question: Describe the offsite water

Question Type: Multiple Choice

Answers:

- Pressurized hydrant (< 1 mile) (0)
- Pressurized hydrant (> 1 mile) (0)
- Cistern (< 1 mile) (0)
- Cistern (> 1 mile) (0)
- Modified hydrant (< 1 mile) (0)
- Modified hydrant (> 1 mile) (0)
- Dry hydrant (< 1 mile) (0)
- Dry hydrant (> 1 mile) (0)
- Unimproved water source (< 1 mile) (0)
- Unimproved water source (> 1 mile) (0)
- Unknown (0)

Question: Location of nearest fire station

Question Type: Multiple Choice

Answers:

- Station within 5 miles of structure (2)
- Station greater than 5 miles (4)

Question: Describe the known hazards

Question Type: Multiple Choice

Answers:

- Propane tanks (0)
- Dangerous animals (0)
- Livestock (0)
- Hazmat (0)
- Poor escape routes/safety zones (0)

Above ground fuel storage (0)
Overhead electrical line hazard (0)
Other (0)

Question: Are there interior sprinklers

Question Type: Multiple Choice

Answers:

Yes (0)
No (4)

Question: Knox box

Question Type: Multiple Choice

Answers:

North (0)
South (0)
East (0)
West (0)
None/Unknown (0)

Question: Natural Gas shutoff

Question Type: Multiple Choice

Answers:

North (0)
South (0)
East (0)
West (0)
Unknown (0)
Not applicable (0)

Question: Describe the location of the FDC:

Question Type: Multiple Choice

Answers:

North (0)
South (0)
East (0)
West (0)
Other (0)
Not present/Unknown (0)

Question: Electrical shutoff

Question Type: Multiple Choice

Answers:

North (0)
South (0)
East (0)
West (0)
Unknown (0)

Question: Specific items the homeowner can mitigate?

Question Type: Multiple Choice

Answers:

Post visible address marker (0)
Clean under deck (0)
Clean under home (0)
Clean roof and gutters (0)
Mow near home (0)
Limb trees to 6 feet (0)
Cut back vegetation along driveway (0)
Grade driveway or access road (0)
General clean property (0)
Relocate vehicles away from home (0)
Clear around propane tank (0)
Move firewood away from home (0)
Other (0)

Question: Primary contact: name and phone number
Question Type: Fill in the blank

Question: Secondary contact: name and phone number
Question Type: Fill in the blank

Question: Did you have contact the homeowner during your survey?
Question Type: Multiple Choice
Answers:

No
Yes

Question: Hazard Value as calculated by RedZone
Question Type: Fill in the blank

Question: Additional Notes
Question Type: Fill in the blank