

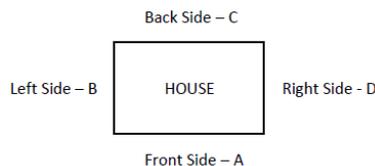
Structure Ignition Zone Evaluation Guide

Date: _____
 Address: _____
 Neighborhood: _____
 Advisor's Name: _____



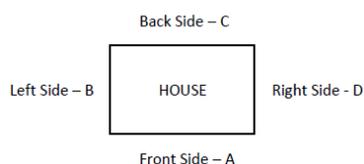
1. SUMMARY OF SURROUNDING	RECOMMENDATIONS & NOTES
a. Structure Position <ul style="list-style-type: none"> <input type="radio"/> Single point entry/exit into neighborhood <input type="radio"/> Structure on Cul-de-Sac/ dead end road <input type="radio"/> Gated community <input type="radio"/> Dangerous topographic features (slopes, draws, canyons) 	<ul style="list-style-type: none"> • Steep slopes can carry fire uphill at an increased rate • Areas with a south aspect have greater exposure to the sun, lower humidity & higher temps. • Evacuation considerations
b. Defensible Space <ul style="list-style-type: none"> <input type="radio"/> Home near the Wildland Urban Interface (WUI) <input type="radio"/> Close proximity to other homes or buildings <input type="radio"/> Contiguous vegetation or ladder fuels <input type="radio"/> Heavy accumulation of ground litter 	<ul style="list-style-type: none"> • Defensible space is the buffer zone you create between your property and the surrounding wildland area. This space is key to slowing or stopping wildfire spread and protecting your home from embers, flames, or heat. It also gives firefighters a safer area to defend your property.
c. Utility Right-of-Ways <ul style="list-style-type: none"> <input type="radio"/> Present <input type="radio"/> Vegetation/fuels present 	<ul style="list-style-type: none"> • Report vegetation near Electrical poles and wires to 311.
2. CHIMNEY-TO-EAVES	RECOMMENDATIONS & NOTES
a. Chimney <ul style="list-style-type: none"> <input type="radio"/> Present <input type="radio"/> Gaps present 	<ul style="list-style-type: none"> • Replace or repair any loose or missing flashing to prevent ember intrusion. • Install spark arrestor with 1/2" mesh
b. Roof Vents (Ridge, Turbine, Flat) <ul style="list-style-type: none"> <input type="radio"/> Present <input type="radio"/> Enclosed 	<ul style="list-style-type: none"> • Reduce embers that could enter vents by installing 1/8" metal screen.
c. Skylights <ul style="list-style-type: none"> <input type="radio"/> Present <input type="radio"/> Gaps present 	<ul style="list-style-type: none"> • Replace or repair any loose or missing roof flashing to prevent ember intrusion. • Replace domed, plastic skylights with flat, multipaned, tempered glass skylights.
d. Debris <ul style="list-style-type: none"> <input type="radio"/> Litter visible on roof, in corners, troughs, cervices 	<ul style="list-style-type: none"> • Prune tree limbs 6-10' if canopy allows. • Clean debris that could catch embers.
e. Roof Materials <ul style="list-style-type: none"> <input type="radio"/> Combustible materials <input type="radio"/> Shingles missing <input type="radio"/> Gaps present 	<ul style="list-style-type: none"> • Replace or repair any loose or missing shingles or roof tiles to prevent ember intrusion. • Class A-rated roof covers include most asphalt shingles, tile, slate, and metal roofs.
f. Roof Flashing <ul style="list-style-type: none"> <input type="radio"/> Secure <input type="radio"/> Gaps present 	<ul style="list-style-type: none"> • Replace or repair any loose or missing roof flashing to prevent ember intrusion.
g. Rain Gutters <ul style="list-style-type: none"> <input type="radio"/> Present <input type="radio"/> Combustible materials <input type="radio"/> Screened or with covers <input type="radio"/> Litter present 	<ul style="list-style-type: none"> • Clean rain gutters of dead leaves and debris that could catch embers.

HOUSE ORIENTATION DIAGRAM



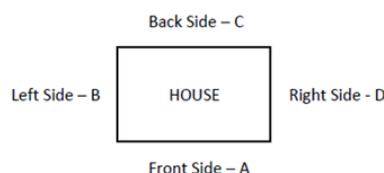
3. TOP OF EXTERIOR WALL TO FOUNDATION	RECOMMENDATIONS & NOTES
a. Eaves & Overhangs <ul style="list-style-type: none"> ○ Present ○ Enclosed ○ Vegetation/fuels present 	<ul style="list-style-type: none"> ● Vegetation should be 5' away from structure. ● Use fire- and heat-rated caulking to plug gaps greater than 1/8" around exposed rafters
b. Gable Vents <ul style="list-style-type: none"> ○ Present ○ Enclosed 	<ul style="list-style-type: none"> ● Reduce embers that could enter vents by installing 1/8" metal screen.
c. Soffit Vents <ul style="list-style-type: none"> ○ Present ○ Enclosed ○ Vegetation/ fuels present 	<ul style="list-style-type: none"> ● Reduce embers that could enter vents by installing 1/8" metal screen. ● Vegetation should be 5' away from structure.
d. Doors & Garage Doors <ul style="list-style-type: none"> ○ Combustible materials ○ Gaps around door ○ Missing weather seal ○ Litter present ○ Combustible door mats 	<ul style="list-style-type: none"> ● Reduce embers that could enter gaps round doors by replacing damaged or missing weather seals. ● Exterior doors should have a metal threshold & be constructed with a noncombustible materials ● Glass on doors should be tempered, multipaned ● Move anything that could potentially burn 5' away
e. Walls <ul style="list-style-type: none"> ○ Combustible siding ○ Gaps present ○ Vegetation near side walls ○ Litter collection in nooks and crannies 	<ul style="list-style-type: none"> ● Vegetation should be 5' away from structure. ● Move anything that could potentially burn 5' away from exterior walls. ● 6" minimum of ground clearance to siding ● Use fire- and heat-rated caulking to plug gaps greater than 1/8"
f. Exhaust Dampers & Vents <ul style="list-style-type: none"> ○ Present ○ Enclosed ○ Litter present 	<ul style="list-style-type: none"> ● Keep dryer vents lint free. DO NOT screen dryer vents. ● Reduce embers that could enter vents by installing 1/8" metal screen.
g. Wall Weep Holes/ Openings <ul style="list-style-type: none"> ○ Present ○ Enclosed 	<ul style="list-style-type: none"> ● Reduce embers that could enter by installing copper mesh.
h. Windows <ul style="list-style-type: none"> ○ Single-paned ○ Damaged screens ○ Vegetation/ fuels present 	<ul style="list-style-type: none"> ● Repair or replace damaged or loose window screens and broken windows. Replace with multipaned tempered glass. ● Move anything that could potentially burn 5' away from windows.
i. Foundation Crawl Spaces <ul style="list-style-type: none"> ○ Present ○ Enclosed ○ Litter present 	<ul style="list-style-type: none"> ● Reduce embers that could enter crawl spaces by installing 1/8" metal screen or box-in using metal or wood.
j. Wall Attachments, Decks, Patios, Stairs, Railings <ul style="list-style-type: none"> ○ Present ○ Enclosed ○ Combustible materials ○ Flammable materials on deck present ○ Flammable materials beneath deck present ○ Litter present ○ Deck supports exposed 	<ul style="list-style-type: none"> ● Recommend non combustible footing around deck supports. ● install 1/8" metal screen or box-in below patios decks using metal or wood. ● During high wildfire risk, remove anything that could potentially burn above or beneath decks.

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4. IMMEDIATE (NON-COMBUSTIBLE) ZONE (0-5 FEET)	RECOMMENDATIONS & NOTES
a. Landscape, Plants, Vegetation & Mulch <ul style="list-style-type: none"> ○ Contiguous vegetation around structure ○ Fire breaks, non-combustible walkways/ paths ○ Mulch present ○ Trees, limbs and vegetation near structure ○ Dead and down plant and tree material 	<ul style="list-style-type: none"> ● Vegetation should be 5' away from structure ● Clear debris and dead plant material ● Prune tree limbs 6-10' if canopy allows ● Replace wood mulch with noncombustible materials ● Do not allow vines to grow on buildings, fences, or other structures
b. Fences <ul style="list-style-type: none"> ○ Combustible materials ○ Non-combustible break near structure 	<ul style="list-style-type: none"> ● 5' section of non combustible fence near structure. ● Open gate to create fire break.
c. Garden Hoses <ul style="list-style-type: none"> ○ Present 	<ul style="list-style-type: none"> ● Can be used to put out spot fires.
d. Flammable Materials/ Storage/ Lawn Furniture <ul style="list-style-type: none"> ○ Propane tanks ○ Lawn Furniture ○ Trash Bins ○ Fire wood 	<ul style="list-style-type: none"> ● Move away from structure or indoors during high wildfire risk. ● Store firewood at least 30' or completely cover in a fire-resistant material. Ensure 10' of non combustible clearance, in all directions.
e. Stored Cars, RVs, Lawnmowers, Tractors <ul style="list-style-type: none"> ○ Present 	<ul style="list-style-type: none"> ● Move away from structure during high wildfire risk
5. INTERMEDIATE ZONE (5-30 FEET)	RECOMMENDATIONS & NOTES
a. Vegetation <ul style="list-style-type: none"> ○ Contiguous vegetation ○ Heavy accumulation of ground litter ○ Dead and down plant and tree material ○ Ladder fuels ○ Fire breaks, non combustible walkways/ paths ○ Unmowed lawn 	<ul style="list-style-type: none"> ● Remove ladder fuels, prune trees up to 6' from ground if canopy allows. ● Lawn in this area should be 3-4" in height. ● Create fuel breaks and vegetation islands to break up the continuity of fuels. ● Remove heavy accumulations of ground litter, debris, dead and down vegetation.
b. Outbuildings & Sheds <ul style="list-style-type: none"> ○ Present ○ Combustible materials ○ Vegetation around structure ○ Flammable materials around structure 	<ul style="list-style-type: none"> ● Protect Outbuildings & Sheds by reducing fuels in the Immediate Zone 0-5 feet.
c. Stored Cars, RVs, Lawnmowers, Tractors <ul style="list-style-type: none"> ○ Present 	<ul style="list-style-type: none"> ● Move away from structure during high wildfire risk
5. EXTENDED ZONE (30-100 FEET or Property Line)	RECOMMENDATIONS & NOTES
a. Vegetation <ul style="list-style-type: none"> ○ Heavy accumulation of ground litter ○ Dead and down plant and tree material ○ Small trees growing between mature trees 	<ul style="list-style-type: none"> ● Remove heavy accumulations of ground litter, debris, dead and down vegetation. ● Remove small trees growing between mature trees
b. Outbuildings & Sheds <ul style="list-style-type: none"> ○ Present ○ Combustible materials ○ Vegetation around structure ○ Flammable materials around structure 	<ul style="list-style-type: none"> ● Protect Outbuildings & Sheds by reducing fuels in the Immediate Zone 0-5 feet.
c. Stored Cars, RVs, Lawnmowers, Tractors <ul style="list-style-type: none"> ○ Present 	<ul style="list-style-type: none"> ● Move away from structure during high wildfire risk

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The key to reducing wildfire risk is to maintain a defensible space around your home or structures.

Recommendations are based on Good, Better, Best practices.

Resource Sites:

- **BRUSH COLLECTION:** [Residential Brush Collection | AustinTexas.gov](#)
- **CONSERVATION EASEMENTS:** [Conservation Easement Program \(traviscountytexas.gov\)](#)
- **EMERGENCY ALERTS:** [www.WarnCentralTexas.org](#) & [WatchDuty.org](#) & [American Red Cross Apps](#)
- **ENDANGERED SPECIES ACT COMPLIANCE:** [The Balcones Canyonlands Conservation Plan \(BCCP\) Permit and the Balcones Canyonlands Preserve \(BCP\) Infrastructure Compliance Toolkit and Interactive Maps](#)
- **FEMA:** Federal Emergency Management Agency [Mobile Products | FEMA.gov](#) a personalized disaster resource
- **FREE HOME SAFETY ASSESSMENTS:** [Senior Home Safety Program | AustinTexas.gov](#)
- **FREE SMOKE DETECTORS:** [Red Angels Program | AustinTexas.gov](#)
- **GOATS FOR VEGETATION MANAGEMENT:** [Goats on the Trail - The Trail Conservancy](#)
- **IBHS:** Insurance Institute for Business & Home Safety [Disastersafety.org](#)
- **MONITOR WEATHER:** [Texas Weather Connection](#)
- **NFPA:** National Fire Protection Association [Wildfire Hazards & Mitigation | NFPA](#)
- **PREVENTION & AWARENESS OF TEXAS OAK WILT:** [Texasoakwilt.org](#)
- **PROPERTY BOUNDARIES:** before clearing vegetation [Travis County Appraisal District](#)
- **RESIDENTIAL COMPLIANCE:** [Residential Design & Compatibility Standards | AustinTexas.gov](#) & [Private Restrictive Covenants, City Zoning Laws, and City Permit Applications | AustinTexas.gov](#)
- **TREE REGULATIONS** Before cutting trees: [Trees on Residential Property | AustinTexas.gov](#)
- **WATER WILDLAND CONSERVATION:** [Wildland Conservation | AustinTexas.gov](#)
- **WATERSHED PROTECTION:** [Watershed Protection | AustinTexas.gov](#)
- **WUI CODE:** Proximity Class/Zones, Maps, Codes, regulations [Wildland-Urban Interface Code | AustinTexas.gov](#)

Before a Wildfire:

- Plan and practice different evacuation routes and designate a safe emergency meeting location.
- Remember the **8 P's:** People, Pets, Papers (important documents) Prescription medication, Personal devices/electronics, Passports/ identification, Plastics (debit, credit, insurance cards) Photo albums

In the event of a Wildfire:

- Act Early and Evacuate! Do not wait for evacuation orders
- If can be done safely, place a ladder near the roof line, visible from the street for firefighters to use.
- Connect water hoses to put out spot fires and replenish any water supplies.
- Avoid ember traps, remove object 5 feet from the structure (small propane tanks, door mats and lawn furniture)
- Move stored cars, RVs, lawnmowers, tractors that are parked near home on grass or brush.
- Do not launch drones around a wildfire. Drones are dangerous to aircraft assisting in containment.

Disclaimer: The purpose of a Firewise Advisement is to offer proactive suggestions to reduce the risk of losses from fire/wildfire. It is the dwelling owner's responsibility to maintain the structure and property. Fires are unpredictable and often uncontrollable. Even if all recommendations are followed, Firewise makes no guarantee that property will be spared from the effects of fire and assumes no liability or responsibility for damages or loss arising from fire to any property.

Please share the SIZE experience with your neighbors and friends on social media using #HomeSafeHome



Sign up for a **FREE** Wildfire Home Evaluation by using this QR code



Visit the AFD Wildfire website at **ATX Wildfire HUB** or use this QR code

