

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: The Ridge		Date Surveyed: April 2, 2005		
County: Travis		FD: Oak Hill Fire Department		
51 acres	Assessment Completed by:	Lexi Maxwell		
Total Subdivision Lots: 65	Vacant Lots: 28			
Total Homes: 37	Complete:	Under Construction:		
Survey Categories			Eval #	Comments
ACCESS				
Main road access: (to driveway)	Good Access (Hard surface > 30 feet)	0		
	Medium Access (Gravel > 30 feet)	1		
	Poor Access (Dirt < 30 feet)	2		
Secondary road access:	Two or more primary roads	0		
	One primary road plus alternate access	1		
	No secondary road	2		
Road width: (to driveway)	Good two-way road	0		8317 Series
	Narrow two-way road	1		
	One-way road	3		
Maximum grade: (of route to driveway)	0 - 2.5	0		
	3 - 4	1		
	4.5 - 6	2		
	Greater than 6	4		
Protection Response Time: (from the fire station)	Within 15 minutes	0		
	Within 16 to 30 minutes	2		
	Greater than 30 minutes	4		
	No organized fire district	5		
Gate(s):	No Gates/Unlocked Gate(s)	0		Coded
	Locked Gate(s)	2		
	Narrow Gate Entrance and/or Cattle Guard	4		
LOT IDENTIFICATION				
Street Name Readable:	Yes	0		
	No	2		
Lot Identification Visible:	Name AND number displayed	0		Few Most Visible from both sides - GOOD!
	Name OR number displayed	1		
	No name or address displayed	2		
WATER SUPPLY				
Distance to closest Hydrant:	Less than 1000 feet away	1		
	Greater than 1000 feet away	2		
	Flush valves available (low flow)	3		
	No hydrants	4		
Closest Draft Source: (1500+ gallons)	On site and easily available	1		
	Within 20 minutes roundtrip	2		
	Within 21-45 minutes roundtrip	3		
	Greater than 46 minutes roundtrip	4		

	Not available to determine	2	
UTILITIES			
Electric Line(s) to Structure:	All Underground	0	
	Part Underground & Above Ground	1	
	All Above Ground	2	
Electric Line(s) to Subdv: (main feed into area)	All Underground	0	
	Part Underground & Above Ground	1	
	All Above Ground	2	
Propane Gas:	None present	0	
	> 50 feet Downhill from house	1	
	> 50 feet Uphill or Even from house	2	
	< 50 feet from house	3	
LANDSCAPING			
Fuel Model near Residence: (1ft. or less in height) (> 2.5 ft. in height) (ht. 2 ft., dead fuels sparse) (ht. 2-4 ft. light loading dead fuels) (ht. 6 ft., heavy loading dead fuels)	No Fuels	0	
	Short Grass	1	
	Tall Grass	2	
	Coastal Grass	4	
	Light Brush	2	
	Medium Brush	3	
	Thick Brush	4	
	Open Hardwood	2	
	Hardwood/Brush Combination	3	
	Open Pine/Grass Combination	2	
	Closed Pine/Brush Combination	4	
	Plantation Pine	5	
	Fuel Model in Area:	No Fuels	0
Short Grass		1	
Tall Grass		2	
Coastal Grass		4	
Light Brush		2	
Medium Brush		3	
Thick Brush		4	
Open Hardwood		2	
Hardwood/Brush Combination		3	
Open Pine/Grass Combination		2	
Closed Pine/Brush Combination		4	
Plantation Pine		5	
Closest Wildland Fuel:		More than 300 Feet	0
	100 to 300 Feet	2	
	30 - 100 Feet	3	
	Less than 30 Feet	4	Possibly
TOPOGRAPHIC FEATURES			
Predominant Slope of Lot: (degree of decline)	0-5	1	
	5.5-15	2	
	15.5-22.5	3	
	More than 22.5	4	

Predominant Aspect of Lot: (direction slope is facing)	Level	0	
	N (NW - NE)	1	
	E (NE - SE)	2	
	S (SE - SW)	3	
	W (SW - NW)	4	
Dangerous Features:	More than 300 feet	0	
	100 - 300 Feet	1	
	30 - 100 Feet	2	
	Less than 30 Feet	3	
<u>CONSTRUCTION</u>			
Manufactured Housing:	Not manufactured	0	
	Skirting and Protective Roofing	1	
	ONLY skirting	2	
	No skirting	3	
Roofing Material:	Unable to determine	1	
	Tile	0	
	Metal	1	
	Composite/Asphalt	2	
	Forest Litter on Roof	3	
	Shake Shingles	4	
Siding Material:	Unable to determine	1	
	Masonry/Brick	0	
	Full Logs	1	
	Composite, Metal, Tile	1	
	Fiberglass/ Wood Sheet	2	
	Rough Planking	3	
Cedar Shake	4		
Additional Comments:			
<p>Concern: Street signs are pale and slightly difficult to read at a distance. Possibly non-reflective? Recommendation: Replace with signs that are easier to read and reflective.</p> <p>Concern: 8317 Series homes are on a narrow, dead-end road with non-existent turn-around. Fire hydrants present, but only smaller fire apparatus could reasonably utilize them. Large engines could get trapped unless they back in. Any fire apparatus will severely limit traffic flow along that road and possibly prevent evacuations. Recommendation: Create defensible space around these homes and develop a comprehensive evacuation plan to include elderly, disabled and pets. Residents should be able to safely leave their homes and the structures should have a good chance of surviving a wildfire without any fire department assistance.</p> <p>Concern: Heavy use of flammable plants in landscaping. Recommendation: Remove or relocate highly flammable plants away from structures and improvements. Consider alternative plants with lower flammability ratings.</p>			