

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: Fairways		Date Surveyed: March 16, 2005		
County: Travis		FD: Oak Hill Fire Department		
29 acres	Assessment Completed by:	Lexi Maxwell & Jan Fulkerson		
Total Subdivision Lots: 49	Vacant Lots: 0			
Total Homes: 49	Complete:	Under Construction:		
Survey Categories			Eval #	Comments
<u>ACCESS</u>				
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		Dead ends. No turn arounds
	One primary road plus alternate access	1		
	No secondary road	2		
Road width: (to driveway)	Good two-way road	0		
	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		
<u>LOT IDENTIFICATION</u>				
Street Name Readable:	Yes	0		Bad. Can't find anything.
	No	2		
Lot Identification Visible:	Name AND number displayed	0		Non-reflective. Poorly numbered.
	Name OR number displayed	1		
	No name or address displayed	2		
<u>WATER SUPPLY</u>				
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	minimal
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	
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	None.
	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: Some thicker juniper growing on a slope across from unit #11. Recommendations: Thin this stand of trees. Limb up remaining trees. Irrigate 2 hours, twice a week.</p> <p>Concern: Congestion possible during emergency due to poorly marked streets and inadequate turn-around locations for emergency apparatus. Recommendation: Develop comprehensive evacuation plan for all residents, pets, etc.</p> <p>Concern: No street names within the neighborhood, and the numbering system ranges from confusing to non-existent. Recommendation: Improve/upgrade address signs to make each structure identifiable from the street (coming from both directions), and make sure that the numbers are reflective and can also be easily visible at night.</p> <p>Concern: Heavy use of plants with high flammability ratings such as rosemary, yaupon, pampas grasses, and algerita. Recommendations: Remove or relocate highly flammable plants away from structures and other flammable plants. Consider replacing these volatile species with less flammable options.</p>			