

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: The Woods III		Date Surveyed: March 16, 2005	
County: Travis		FD: Oak Hill Fire Department	
48 acres	Assessment Completed by:	Lexi Maxwell & Jan Fulkerson	
Total Subdivision Lots: 72	Vacant Lots: 3		
Total Homes:	Complete: 69	Under Construction:	
Survey Categories		Eval #	
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	
	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	Numbers hard to see
	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
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
	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	Natural gas pipeline
	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: Address numbers are hard to see. Recommendation: All numbers should be reflective and easy to see from both directions down the streets.</p> <p>Concern: Natural gas pipeline easement runs through neighborhood. Recommendation: Alert all residents in the community to the presence of the pipeline and provide them with contact information to the pipeline company to report any leaks, problems, etc. Residents adjacent to pipeline should develop individual evacuation plans in the event of either wildfire or pipeline rupture.</p> <p>Concern: Landscaping concerns due to placement of highly volatile plants near structures and improvements. Recommendation: Remove or relocate flammable plants further into yards and away from structures. Consider substituting alternative plants into the landscapes with lower flammability ratings.</p> <p>Concern: Adjacent greenbelts are thick with mature juniper stands. Heavy, continuous tree stands provide ideal conditions for intense fire behavior in periods of drought and extreme fire danger. Recommendation: Reduce density and continuity of juniper stands in greenbelts by selectively thinning trees to create 20-30' spacing between trees. Limb remaining trees 6-10' from the ground to remove ladder fuels.</p>			