

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: Wimberly I		Date Surveyed: March 16, 2005	
County: Travis		FD: Oak Hill Fire Department	
67 acres	Assessment Completed by:	Lexi Maxwell & Jan Fulkerson	
Total Subdivision Lots: 47			
Total Homes: 42	Vacant Lots: 5		
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	
	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	
	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	Steep slopes
	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: Neighborhood is located in area with steep slopes with some heavy vegetation. Recommendation: Thin and remove highly flammable vegetation at least 100 feet downslope from any structures and improvements.</p> <p>Concern: Some undeveloped lots with native vegetation present. Greenbelts throughout due to drainages are covered in dense vegetation. Stands of mature juniper create heavy fuel loading for a wildfire and increase fire intensity wherever present. Some tree and plant debris has been discarded in some vacant lots. Recommendation: Thin stands of juniper in undeveloped lots and 50-100' down from the "ridgetops" to provide 20' + breaks between trees. Leave remaining trees 6-10' from the ground.</p> <p>Concern: Some wood fencing and wooden decks present</p>			

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: Wimberly II		Date Surveyed:	March 16, 2005	
County: Travis		FD:	Oak Hill Fire Department	
103 acres	Assessment Completed by:	Lexi Maxwell & Jan Fulkerson		
Total Subdivision Lots:	28	Vacant Lots:	28	
Total Homes: 0	Complete: 0	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		
	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 gate at Wimberly I entrance only.
	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		Lots are still undeveloped
	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	Undeveloped, so there is no landscaping in place
	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	
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	5.5-15	2	
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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	

CONSTRUCTION

Manufactured Housing:	Not manufactured	0	
	Skirting and Protective Roofing	1	
	ONLY skirting	2	
	No skirting	3	

Roofing Material:	Unable to determine	1	Nothing built yet.
	Tile	0	
	Metal	1	
	Composite/Asphalt	2	
	Forest Litter on Roof	3	
	Shake Shingles	4	

Siding Material:	Unable to determine	1	Nothing built yet.
	Masonry/Brick	0	
	Full Logs	1	
	Composite, Metal, Tile	1	
	Fiberglass/ Wood Sheet	2	
	Rough Planking	3	
	Cedar Shake	4	

Additional Comments:

Concern: Streets have narrow cul-de-sacs with large grass-covered islands. Not enough room for emergency apparatus to turn around. One tree island present with minimal clearance on either side. Too narrow for fire apparatus to pass without jumping curbs.
Recommendation: Remove grass islands in cul-de-sacs and widen streets on either side of tree island.

Concern: Unbuilt structures leave building materials unknown.
Recommendation: Plan to incorporate use of Firewise building materials into the design of the structures.

Concern: Landscaping is still unknown.
Recommendation: Plan to use plants with low flammability ratings in the landscapes and thin and remove all surrounding junipers that would threaten future homes and improvements.

Concern: Thick stands of continuous mature juniper trees are present in some of the upper development areas, and on the slopes below the platted lots.
Recommendation: Thin juniper stands to create 20' spacing between individual tree canopies. Limb remaining trees 6-10' from the ground.