

WILDLAND HAZARD ASSESSMENT SURVEY - Neighborhood

Community: St. Michael's Academy		Date Surveyed: April 2, 2005		
County: Travis		FD: Oak Hill Fire Department		
56 acres	Assessment Completed by:	Lexi Maxwell		
School Complex				
Total Buildings: 16	(4 Brick/ 4 Portable/ 7 Picnics/ 1 Sm. Frame Shed)			
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		
	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		On-site and across the street
	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	
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	1 Small Bldg.
	Masonry/Brick	0	
	Full Logs	1	
	Composite, Metal, Tile	1	
	Fiberglass/ Wood Sheet	2	
	Rough Planking	3	
	Cedar Shake	4	
Additional Comments:			
<p>Concern: Wooden staircases, ramps, and decks on portable buildings. Mostly open underneath. Recommendation: Enclose these wooden features with solid non-flammable skirting to prevent embers from being trapped underneath.</p> <p>Concern: Wooden privacy fence attached to 1 external building could "wick" fire directly to building. Also adjacent to flammable light brush which could contribute to fence igniting. Recommendation: Remove brush from behind fenced area. Replace wooden fence with a non-flammable alternative (metal or masonry, etc.)</p> <p>Concern: Portable buildings have points of access to the attic along the roofline/eaves. Recommendation: Repair gaps to prevent embers from blowing into attic spaces. Protect any vent openings with screen vent covers, also to prevent embers from gaining access to the attic spaces.</p>			