

BOULDER COUNTY LAND USE DEPARTMENT

Fire Mitigation Plan Approval Stamp Area

May 25, 2005

Mr. Eric Philips
Wildfire Mitigation Coordinator
Boulder County Land Use Department
P.O. Box 471
Boulder, CO 80306

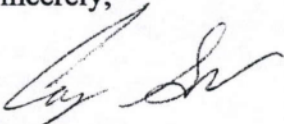
Dear Mr. Eric Philips,

Enclosed is a copy of the Wildfire Mitigation Plan for Docket # SPR-05-013, for the SGRY property. The property address is 2875 County Road 67, Boulder, CO 80303. Kerry Dooley's initial inspection was on 5/11/2005.

SGRY plans on building a church. The contact number is 303-494-3051. SGRY has been informed to contact you for the final inspection once the work has been completed.

If you have any questions regarding the Fire Mitigation Plan please contact me at 303-823-5774.

Sincerely,



Cory Secher
Boulder District Field Forester
Forest Health & Fire Mitigation Consultant
State Programs & Cost-Share Coordinator
csecher@lamar.colostate.edu
(303) - 823 - 5774



Knowledge to Go Places

May 25, 2005

SGRY
2875 County Road 67
Boulder, CO 80303

Boulder District
5625 Ute Highway
Longmont, Colorado 80503-9130
(303) 823-5774

Dear SGRY,

Upon your request the Colorado State Forest Service has completed your Wildfire Mitigation Plan per Boulder County Land Use regulations for your property located at 2875 County Road 67, Boulder, CO 80303. We have submitted a copy of this plan to Boulder County Land Use the day we sent this plan to you. **Please review the plan for changes that may have occurred due to Boulder County regulations.**

The next step in this process is to remove all trees marked with blue spray paint. Trees that do not have blue marking on them should be pruned 6-10 feet from base of tree or 1/3rd the height of the tree; whichever is less. Once trees have been removed and pruned please call for an appointment of inspection. Either Boulder County Land Use or the Colorado State Forest Service must inspect all Site Plan Review properties before final plan approval is granted.

We have enclosed an invoice for our services and would like payment within one month of the date it was written.

We thank you for your compliance and look forward to assisting you in the future. If you have any questions regarding the Site Plan Review process please contact your local Land Use Department, Eric Philips – Wildfire Mitigation Coordinator at 720-564-2625 or if you have question regarding the Wildfire Mitigation Plan or forest health please call Cory Secher at 303-823-5774.

Sincerely,

A handwritten signature in black ink, appearing to read "Cory Secher".

Cory Secher
Boulder District Field Forester
Forest Health & Fire Mitigation Consultant
State Programs & Cost-Share Coordinator
csecher@lamar.colostate.edu
(303) – 823 - 5774

WILDFIRE MITIGATION PLAN

For the SGRY Residence
2875 County Road 67, Boulder, CO 80303
Docket: SPR-05-013
Inspection date: 5/11/2005

Boulder District
5625 Ute Highway
Longmont, Colorado 80503-9130
(303) 823-5774

Prepared for:

SGRY
2875 County Road 67
Boulder, CO 80303
Phone: 303-494-3051

Prepared by:

Cory Secher - Forester
Boulder District
Phone: (303) 823-5774
E-mail: csecher@lamar.colostate.edu

SITE LOCATION AND PROPERTY DESCRIPTION

The property is located at Section 30, Township 1S, and Range 70W, NE 1/4 of SE 1/4. The fire protection district is the Eldorado Springs Marshall fire protection district (303-499-7161). There will be 8 existing structures located on site, including a 2 Houses, dome, shrine, barn, shed, and greenhouse. There will be a new church built on site. The lot is 25 acres in size and has a ~30% percent slope with a northeast aspect. The proposed church is at 5,500 feet in elevation, and has total of 6,800 square feet. The proposed building site is located on a saddle and it is a relatively dry site. A parking lot, County Road 67, and a stream at base of the slope all create small barriers that may help stop or slow the spread of a surface/crown fire on the site.

CONSTRUCTION DESIGN AND MATERIALS

The proposed house has a relatively simple design with a simple roofline and is oriented with a north aspect. The roofing material will consist of asphalt. The exterior wall material is to be stucco. Soffits are to be 3/4" thick plywood. The structure has 14 medium sized windows with the primary viewing direction being toward the east and west side of the structure. Windows will be double glazed with low e-coating and frames made of aluminum. Exterior doors are to be 1-3/4", fire-rated, and made of steel. The one deck will be constructed of composite materials and supported by posts & concrete. The deck will be open and isolated from the surrounding landscape with crushed rock over a polyester weed barrier. There is no propane tank on site. Utilities for the property will be buried from a pole. The septic field is located east of residence approximately 300 feet east of the church. A well will be located about 200 feet to the north of the church.

DRIVEWAY ACCESS FOR EMERGENCY VEHICLES

Access to the property from Boulder go south toward Eldorado Canyon and turn west onto County Road 67. The existing driveway will not create additional site disturbance or soil compaction and will require the removal of no trees. The driveway will be 12 feet wide with a vertical clearance of 13'6" and a grade that is less than 12%. The driveway is 50 feet long and has an existing turnaround (see plan for details). The driveway is less than 400 feet therefore no pullouts will be required.

EMERGENCY WATER SUPPLY FOR FIRE FIGHTING

The water source will be from a 2x2500 gallon domestic cistern located 300 feet to the north of the Church. The cistern will have a dry hydrant connection with a 6 inch NH threaded connection and cap. Alternatively, a contribution may be made to the fire protection district community cistern fund (if available). Contact the Eldorado Springs Marshall fire protection district (303-499-7161) for more information and specific details.

FUELS REDUCTION

All trees to be removed are marked with blue spray paint. All trees that are to remain within zones 1 and 2 will be unmarked. If the property is less than 1 acre it may not have zones marked due to boundary interference. Harvested wood that remains on site will be stacked at least 30 feet from the house and at the same elevation when possible. Slash from the harvest will be chipped and hauled. Note that if you decide to burn piles, you must obtain a valid Open Burning Permit from the Boulder County Environmental Health Department and notify your local fire protection district (Eldorado Springs Marshall fire protection district (303-499-7161)).

DEFENSIBLE SPACE ZONES AND FOREST MANAGEMENT

The site has a dominant overstory consisting of ponderosa pine (*Pinus ponderosa*) with a ponderosa pine (*Pinus ponderosa*) understory component. The area is predominantly fuel model 10 with ground fuels consisting of grasses and forbs. Fuel model 10 is represented by dense stands of over-mature ponderosa pine, Lodgepole pine, mixed conifer and continuous stands of Douglas-fir. In all stand types heavy down materials are present. There is also a large amount of dead, down woody fuels. Reproduction may be present and acting as "ladder fuels". This model can occur from the foothills through the sub-alpine. No insect and disease was noticed at the time of inspection.

There are three defensible space zones to be created around the structure(s) on the site. Please note that it is possible that one or more of these zones will cross over the subject property onto adjacent properties. Property boundaries must be respected; mitigation work is not required beyond immediate boundaries. However, landowners are encouraged to contact and work with neighbors if property lines limit the ability to mitigate within the prescribed area. Defensible space is a benefit, not only to the individual but also to the community as a whole.

Zone 1 - Starts at the foundation and extends out 15 feet in all directions from the outside edge of the structure(s). Zone 1 is broken down into three segments:

Zone 1A - Consists of the structure(s) themselves and the area immediately adjacent to and surrounding the structure(s) on all sides. A three-foot wide, non-flammable strip will be created using gravel over a polyester weed barrier material. This strip will also extend back under, and out to, two feet past the drip line of any decks.

Zone 1B - Extends out from Zone 1A. In this zone, all highly flammable vegetation is to be removed. Any large dead woody material on the ground will also be removed. Firewise plants will be used for landscaping and re-vegetation. Grasses will be irrigated when possible and mowed to a maximum height of 6 to 8 inches twice per growing season to a distance of 30 feet from the structure.

Zone 1C - This zone extends out from Zone 1B to 15 feet from the house. All understory trees (ladder fuels) will be removed as marked. These are small seedling and sapling size trees that can be ladders for fire to get in the crowns of the larger trees. A few of the larger, healthy trees are to be retained for screening. All remaining trees in this zone will be pruned to a height of 10 feet. They must be well spaced so that the crowns are not touching (10 foot minimum crown spacing). No trees will overhang the house or decks, unless approved by Boulder County or CSFS as "part of the structure" with additional fuels reduction around those trees to insure the defensible space integrity. Trees should be at least 15 feet away from the house on all sides, and a minimum of 10 feet from chimneys.

Zone 2 - This zone extends out from Zone 1C, and acts as a transition zone between the heavily thinned areas near the house to the existing forest setting. It extends down slope between 100-170 feet depending upon slope steepness. Zone 2 also extends on either side of the structure a minimum of 100 feet and behind the house between 70-100 feet assuming no boundary restrictions. Tree spacing begins as in Zone 1C and gradually decreases as you approach the outer edge of the zone. Thinning and crown spacing becomes greater in areas of steep slopes. Ladder fuels and poor quality, suppressed and/or diseased trees, 6 to 8 inches in diameter, make up the majority of the removals. The remaining mature trees will be pruned to a height of 10 feet at the intersection of Zones 1 and 2 with limbing reduced in height to 6 feet as you approach Zone 3. If there are any questions pertaining to slope and the changes in thinning spacing and distance regulations please refer to www.colostate.edu/Depts/CSFS/ and find the *Quick Facts 6.302 Creating Wildfire Defensible Space*.

Zone 3 - This zone extends out from Zone 2 to the edge of the property. It may extend out to areas that are not part of the immediate mitigation efforts. In this zone, a few thicker clumps of trees are acceptable, as well as some unpruned trees near the outer edge. Thinning in this zone adds some protection, but is aimed more at forest health. Trees that are of poor quality or form, or have insect or disease infestations, should be removed. Slash in this zone can be lopped and scattered and/or piled for wildlife use.

- Thin suppressed trees and trees with disease and insect infestations and retain the larger, healthier trees.
- Snags should be retained for wildlife.
- Some slash in this zone can be lopped and scattered and/or piled for wildlife enhancement and shelter.
- Large amounts of slash should be disposed of by chipping, hauling to an approved site, or burning.
- For burning permits, check with your local fire protection district.

MAINTENANCE AND RECOMMENDATIONS

As detailed in fact sheet 6.302, *Creating Wildfire Defensible Zones*, an important factor that determines a structure's ability to survive wildfire is defensible space. Defensible space is a maintained area around a structure where fuels (flammable materials) are modified to slow the possible spread of wildfire to the structure, as well as from the structure to the surrounding areas. Defensible space provides a place where structure protection and fire suppression operations may

occur. Wildfire hazard mitigation work breaks up fuel continuity, potentially decreasing a wildfire's intensity, and for more effectiveness should be completed beyond a home's defensible space, zone 1 and 2, area into zone 3.

In addition to the above recommendations, several other measures can be taken to make your home more fire safe and add an additional measure of safety for your family. While not required through site plan review, the following measures should be undertaken to maintain the home and defensible space in the future.

- Maintain your defensible space yearly; contact your local forester for a 5-year maintenance inspection
- Keep firewood at least 30 feet away from buildings; clear weeds and grass from around pile
- Do not stack fresh cut wood against live trees – this could invite unwanted insects
- When possible, maintain an irrigated green space; mow grasses 6" to 8" high
- Connect, and have available, a minimum of 50 feet of garden hose with an adjustable nozzle
- Have an emergency evacuation plan in place (included in wildfire mitigation plan)
- Be aware of fire danger; check the Boulder Fire Weather website at www.crh.hoaa.gov/den/fireindx.html
- Keep driveways and property address marked with reflective easy to see signs
- Maintain screens on foundations, soffit vents, roof vents, and attic openings
- Get rid of unnecessary accumulations of debris and trash from yards
- Keep tools such as shovels, rakes, ladders, and axes available and ready for use
- Clean debris from the roof and gutters at least two times annually
- Check screens and maintain spark arresters on chimneys annually
- Avoid storing combustibles under decks such as wood piles, scrap lumber, and fuels

DEFINITIONS

Aspect – Exposure. The direction a slope faces.

Canopy – The cover of branches and foliage formed collectively by crowns of adjacent trees.

Crown – Branches and foliage of a tree.

Dominant fuel type – Matter that would carry a fire, found on the ground.

Fuel Model – A number system that identifies the types of fuels found on the property that will directly influence fire behavior

Fire danger – An assessment of both fixed and variable factors of the fire environment, which determine the ease of ignition, rate of spread, difficulty of control, and the fire impact.

Fire hazard – The potential fire behavior for a fuel type, regardless of the fuel type's weather-influenced fuel moisture content or its resistance to fireguard construction. Assessment is based on physical fuel characteristics, such as fuel arrangement, fuel load, condition of herbaceous vegetation, and presence of elevated fuels.

Fire management – The activities concerned with the protection of people, property and forest areas from wildfire and the use of prescribed burning for the attainment of forest management and other land use objectives, all conducted in a manner that considers environmental, social and economic criteria.

Fire risk – The probability or chance of fire starting determined by the presence and activities of causative agents.

Fire season – The period(s) of the year during which fires are likely to start, spread and do damage to values-at-risk sufficient to warrant organized fire suppression; a period of the year set out and commonly referred to in fire prevention legislation. In B.C. the fire season is considered to extend from April 1 to October 31.

Fuel continuity – The proximity of fuels to each other. Helps determine if a fire can sustain itself.

Forest ecology – The relationships between forest organisms and their environment.

Forest health – A forest condition that is naturally resilient to damage; characterized by biodiversity, it contains sustained habitat for timber, fish, wildlife, and humans, and meets present and future resource management objectives.

Ladder fuels – Fuels that provide vertical continuity between the surface fuels and crown fuels in a forest stand, thus contributing to the ease of torching and crowning.

Limb (verb) – To remove the branches from a tree.

New forestry – A philosophy or approach to forest management that has as its basic premise the protection and maintenance of ecological systems. In new forestry the ecological processes of natural forests are used as a model to guide the design of the managed forest.

Noxious weeds – Any weed so designated by the Weed Control Regulations and identified on a regional district noxious weed control list.

Overstory – The tree species that forms the uppermost forest layer (dominant and co-dominant).

Snag – Standing dead tree, often used by wildlife such as woodpeckers, owls, and other various mammals.

Wildfire mitigation plan – A plan to reduce wildfire hazards around a home or other structure through fuels reduction. A document to inform urban interface home owners of the dangers and responsibilities of living in the interface. A plan to help outline the initial and ongoing fuels reduction needed to maintain an effective and healthy wildfire defensible space.



**Colorado
State**
FOREST
SERVICE

Knowledge to Go Places

Boulder District
5625 Ute Highway
Longmont, Colorado 80503-9130
(303) 823-5774

Annual fire safety checklist

- Thin trees and brush properly within defensible space.
- Remove trash and debris from defensible space.
- Remove trees growing through a porch or other portions of a structure.
- Clear leaves and debris from the roof and gutters of structures.
- Remove branches that overhang a chimney or roof.
- Stack firewood uphill from a home or on a contour away from the home.
- Use noncombustible roof materials.
- Place shutters, fire curtains or heavy drapes on windows.
- Place screens on foundation and eave vents.
- Enclose sides of stilt foundations and decks.
- Use a chimney screen or spark arrester in fireplaces.
- Clear vegetation from around fire hydrants, cisterns, propane tanks, etc.
- Make sure that an outdoor water supply is available with a hose, nozzle and pump.
- Post address signs that are clearly visible from the street or road.
- Make sure that driveways are wide enough for fire trucks and equipment.
- Check with appropriate highway agencies to make sure load limits are posted on bridges and for the appropriate protocol for posting load limits for bridges on private property.
- Install and test smoke detectors.
- Practice a family fire drill and evacuation plan.

Evacuation tips

- If a wildfire is threatening your area, listen to the radio for updated reports and evacuation information.
- Confine pets to one room and make plans to take care of them in the event of evacuation.
- Arrange for temporary housing with a friend or relative whose home is outside the threatened area. Leave a note in a prominent place in your home that says where and how you can be contacted.
- If your home is threatened by wildfire, you will be contacted and advised by law enforcement officers to evacuate. If you are not contacted or you decide to stay and help defend your home, evacuate pets and family members who are not needed to protect your home.
- Remove important documents, mementos, etc. from the possible fire area.
- Choose an evacuation route away from the fire if possible. Watch for changes in the speed and direction of the fire and smoke.

- Take a disaster supply kit containing:

- Drinking water.
- A change of clothing and footwear for each family member.
- Blanket or sleeping bag for each person.
- First-aid kit and prescription medications.
- Emergency tools including a battery-powered radio, flashlight and extra batteries.
- Extra set of car keys and credit cards, cash or traveler's checks.
- Extra pairs of eyeglasses or other special items for infants, elderly or disabled family members.

Defending your home

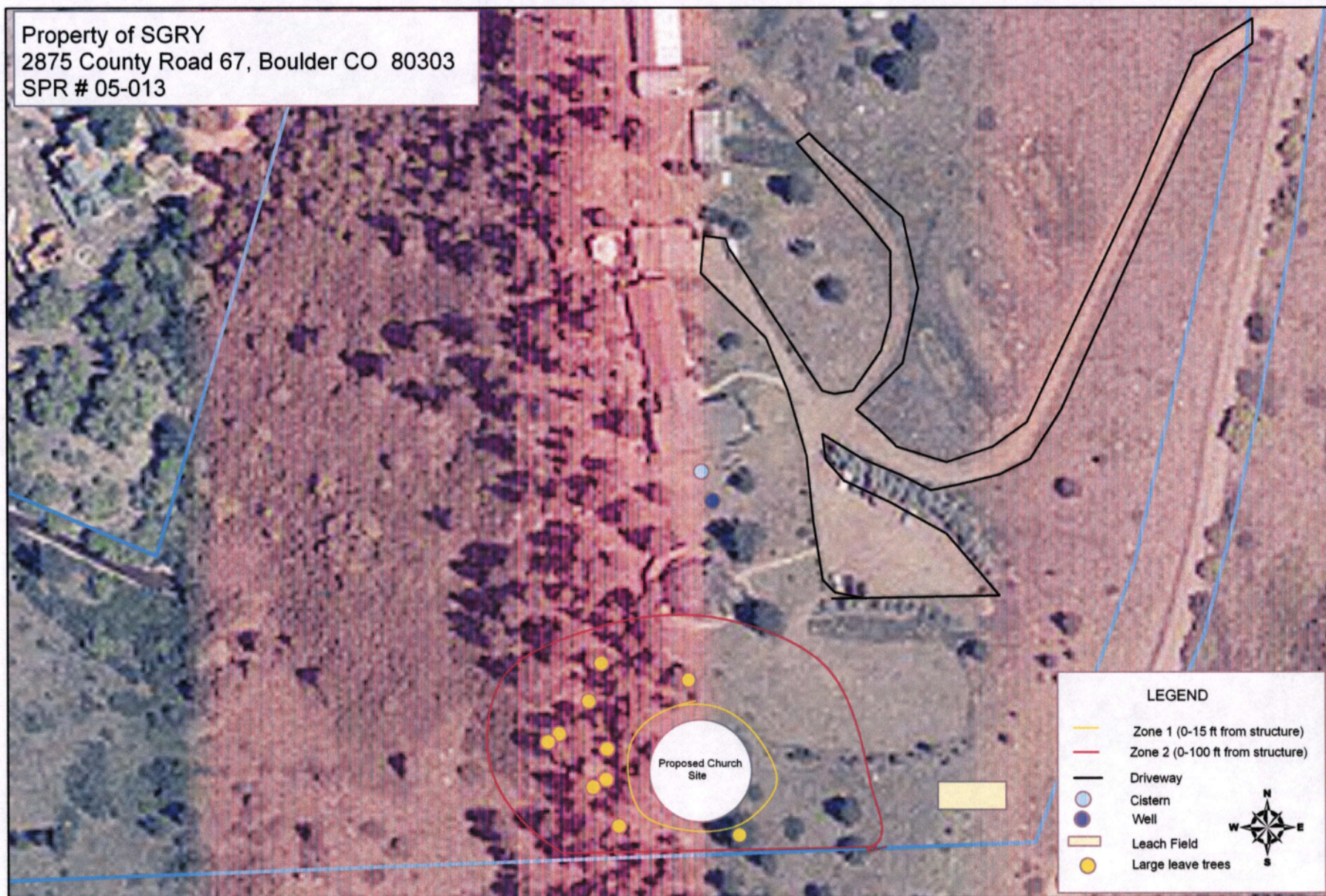
Whether you choose to stay to defend your home or to evacuate, complete as many of the following preparations as possible.

- DO NOT JEOPARDIZE YOUR LIFE. NO MATERIAL ITEM IS WORTH A LIFE.
- Wear fire-resistant clothing and protective gear.
- Remove combustible materials from around structures.
- Close or cover outside vents and shutters.
- Position garden hoses to reach the entire house, but do not turn the water on until it is needed. Hoses should have an adjustable nozzle.
- Place large, full water containers around the house. Soak burlap sacks, small rugs or large rags in the containers.
- Place a ladder against the roof of the house on the opposite side of the approaching wildfire. Place a garden hose near the ladder, prepared as described previously.
- Place portable pumps near available water supplies, such as pools, hot tubs, creeks, etc.
- Close all windows and doors. Do not lock them.
- Close all inside doors.
- Turn on a light in each room and all outside lights. Leave them on even during daylight hours.
- Fill tubs, sinks and similar containers with water.
- Shut off gas supplies to structures at outside meters. Shut off propane supplies at the outside meter of the tank.
- Remove curtains made of lace, nylon or other light materials. Close blinds, heavy drapes and fire resistant window covers.
- Move overstuffed furniture into the center of the house, away from windows and sliding doors.
- Cars should be parked in the garage, facing out. Close the windows of the vehicle but do not lock the doors. Leave the keys in the ignition.
- Close the garage door but leave it unlocked. Disconnect automatic garage door openers.

For additional copies of these checklists, visit www.colostate.edu and search for wildfire, view the Colorado State Cooperative Extension fact sheet on Forest Home Fire Safety, or contact the local Cooperative Extension office usually listed under the county government section of your local phone book.

(Information provided by Colorado State University Cooperative Extension and the Colorado State Forest Service.)

Property of SGRY
2875 County Road 67, Boulder CO 80303
SPR # 05-013



✓

DIRECTIONS FOR FILLING OUT FORM:

Please fill out as complete as possible and fax to Cory Secher at 303-823-5768 or mail to 5625 Ute Highway, Longmont CO 80503-9130.

Any **Bolded** categories will be filled in by the CSFS representative at the time of initial site visit and tree marking for the defensible space. If you have any questions about this form please contact Cory Secher at 303-823-5774 or by email at csecher@lamar.colostate.edu.

Wildfire Mitigation Plan
FIELD DATA FORM

Inspection Date:

5/11/05

Landowner name:

SGRY

Mailing address:

2875 count Rd 67

City, State, Zip:

Boulder CO, 80303

Site address:

2875 count Rd 67

Phone number:

303-494-3051

Road access:

Cnty Rd 67

(Directions from main access road)

Docket Number:

SPR-05-013

(SPR, LU, Etc.)

Section:

30

Township:

1S

Range:

70W

Legal Description:

~~QMA~~ NE 1/4 & SE 1/4

FPD: ★?

Dominant fuel type: Grasses + Forbs (Grass/forbs/shrubs/slash/etc)

Dominant overstory: Ponderosa Pine

Co-dominant overstory: —

Fuel model type: 10

Slash disposal: firewood, chips + haul (Chipped/hailed/burned/lop-scatter)

Aspect: NE (Direction of slope)

Slope: ~30%

Elevation: 5500 (feet)

Building site: saddle (Chimney/saddle/valley/ridge/mid-slope)

Site moisture: medium

Natural fire barrier: Parking lot; city Rd. 67; stream @ base of slope

Insect & Disease Diagnosis: none — one past beetle hit

Lot size (acres): 25 (Acres)

Number of Structures: 8 (All structures to be present)

Existing Structures: Director house, Main house, Dome, Shrine Barn, tractor shed, Greenhouse, caretaker house (House/barn/garage/etc.)

New Structure: Church (House/Barn/new addition/etc..)

Driveway length: 500ft + was turnaround (Actual length in feet from road to home)

Driveway trees removed: five (few/many/none)

Home buffer material: Gravel (Stone/crushed gravel/decorative stone)

House design: Simple (simple/complex)

Roof Design: Simple (simple/complex) newsite 50yr Asphalt

Roof material: Asphalt, Present Dome, Wood (Asphalt shingles/concrete tiles/metal)

Soffits type: plywood (Plywood/hardboard/cement board)
Siding material: Stucco (Cement/hardboard/log/stucco/stone/wood)
Windows (#): 14 (approximate number of windows)
Windows Size: Med (On average: small/medium/large)
Windows Frames: aluminum (Wood/aluminum/aluminum clad)
Windows Aspect: E, West (Dominant viewing direction)
Window Construction: E (Tempered glass/e-coating/etc.)
Door Material: Steel (Wood/steel/fiberglass/composite)
Deck material: Composite (Wood/composite materials)
Deck Description: Open (Enclosed/open)
Deck support type: posts + concrete (Timber posts/logs/steel/concrete/stone)
Deck buffer material: crushed Rock (Crushed rock/gravel)
Deck weed barrier: polyester (Fiberglass/polyester)
Structure SQR. FT.: 6800 (Total square feet of structure)
Utility Location: Buried (Pole/buried: Direction from structure)
Structure aspect: North (Dominant facing direction/view)
Leach field: East 300' (Distance from house, and direction)
Cistern: North 300 ft (Distance from house, and direction)
Cistern Type: Domestic (Domestic Cistern or Fire Cistern)
Cistern size: 2X 2500 (gallons)
Well (if applicable): 200 ft North (Distance form house, and direction)
Propane Tank location: NONE (Distance from house and direction)

Other:

LEGAL DESCRIPTION:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 30, TOWNSHIP 1 SOUTH, RANGE 70 WEST OF THE 6TH P.M., COUNTY OF BOULDER, STATE OF COLORADO; THENCE NORTH 87 DEG. 25'30" EAST FOR A DISTANCE OF 1,326.31 FEET TO A POINT WHICH IS THE SOUTHEAST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 30; THENCE NORTH 0 DEG. 18'20" WEST FOR A DISTANCE OF 1,301.77 FEET TO A POINT WHICH IS THE CENTER OF SECTION 30; THENCE NORTH 0 DEG. 18'20" WEST FOR A DISTANCE OF 27.30 FEET; THENCE SOUTH 86 DEG. 24' WEST FOR A DISTANCE OF 63 FEET; THENCE SOUTH 71 DEG. 46'10" WEST FOR A DISTANCE OF 62.84 FEET; THENCE SOUTH 87 DEG. 23'20" WEST FOR A DISTANCE OF 111.00 FEET; THENCE SOUTH 58 DEG. 1' WEST FOR A DISTANCE OF 76.73 FEET; THENCE SOUTH 48 DEG. 59'40" WEST FOR A DISTANCE OF 181.88 FEET; THENCE SOUTH 47 DEG. 15'10" WEST FOR A DISTANCE OF 357.00 FEET; THENCE SOUTH 16 DEG. 00' WEST FOR A DISTANCE OF 716.00 FEET TO A POINT WHICH IS AT THE HEADGATE OF THE COMMUNITY DITCH; THENCE NORTH 70 DEG. 25' WEST FOR A DISTANCE OF 17.00 FEET; THENCE NORTH 63 DEG. 47' WEST FOR A DISTANCE OF 92.70 FEET; THENCE NORTH 76 DEG. 0' WEST FOR A DISTANCE OF 53.00 FEET; THENCE SOUTH 78 DEG. 55' WEST FOR A DISTANCE OF 125.50 FEET; THENCE SOUTH 83 DEG. 23'10" WEST FOR A DISTANCE OF 60.76 FEET; THENCE SOUTH 0 DEG. 13'20" WEST FOR A DISTANCE OF 284.50 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION OF THE WEST HALF OF SECTION 30, TOWNSHIP 1 SOUTH, RANGE 70 WEST OF THE 6TH P.M., COUNTY OF BOULDER, STATE OF COLORADO, DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER OF SECTION 30, TOWNSHIP 1 SOUTH, RANGE 70 WEST OF THE 6TH P.M.; THENCE NORTH 0 DEG. 18'20" WEST 27.30 FEET ALONG THE NORTH-SOUTH CENTERLINE OF SAID SECTION 30; THENCE SOUTH 86 DEG. 24' WEST 10.00 FEET TO A POINT ON THE APPROXIMATE CENTERLINE OF COUNTY ROAD NO. 67, BOULDER COUNTY, COLORADO; THE FOLLOWING COURSES AND DISTANCES ARE ALONG THE APPROXIMATE CENTER LINE OF SAID COUNTY ROAD NO. 67; THENCE SOUTH 3 DEG. 18'40" WEST 135.39 FEET; THENCE SOUTH 10 DEG. 23'10" WEST 98.07 FEET; THENCE SOUTH 23 DEG. 15'40" WEST 160.08 FEET; THENCE SOUTH 16 DEG. 09'20" WEST 80.04 FEET; THENCE SOUTH 10 DEG. 13'40" WEST 101.26 FEET; THENCE SOUTH 0 DEG. 08'40" WEST 50.63 FEET; THENCE SOUTH 2 DEG. 35'40" EAST 163.44 FEET; THENCE LEAVING THE APPROXIMATE CENTERLINE OF SAID COUNTY ROAD NO. 67, NORTH 44 DEG. 26' EAST, 192.91 FEET TO A POINT ON THE NORTH-SOUTH CENTERLINE OF SAID SECTION 30; THENCE NORTH 0 DEG. 18'20" WEST, 604.00 FEET ALONG THE NORTH-SOUTH CENTERLINE OF SAID SECTION 30 TO THE CENTER OF SECTION 30, THE PLACE OF BEGINNING.

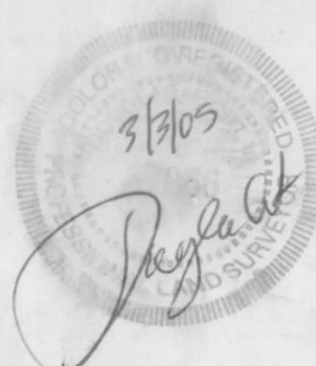
NOTES:

1. NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATE SHOWN HEREON.
2. THIS DESIGN SURVEY, AND THE INFORMATION HEREON, MAY NOT BE USED FOR ANY ADDITIONAL OR EXTENDED PURPOSES BEYOND THAT FOR WHICH IT WAS INTENDED AND MAY NOT BE USED BY ANY PARTIES OTHER THAN THOSE TO WHICH IT IS CERTIFIED.
3. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY ACCURATE ENGINEERING, LLC TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD, RIGHT-OF-WAY OR TITLE OF RECORD.
4. SITE BENCHMARK: THE SITE BENCHMARK IS THE THE FINISHED FLOOR OF EXISTING BUILDING ASSUMED ELEVATION = 100.00 FT.
5. BASIS OF BEARINGS: BEARINGS HERE SHOWN ARE BASED ON THE EAST PROPERTY LINE BEING ASSUMED N00°18'20"W AND MONUMENTED ON THE NORTH BY A FOUND REBAR WITH ALUMINUM COLLAR AND ON THE SOUTH BY A FOUND 2 1/2 INCH ALUMINUM CAP STAMPED "SE CORNER NE4 S 30 T1S R20W" AS MONUMENTED AND OCCUPIED.

SURVEYOR'S CERTIFICATE:

I, DOUGLAS H. ORT III, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, ON THE BASIS OF MY KNOWLEDGE, INFORMATION AND BELIEF, DO HEREBY CERTIFY THAT IN FEBRUARY, 2005, A PROPERTY SURVEY WAS MADE UNDER MY SUPERVISION, THAT THIS PLAT AND ALL NOTES SHOWN HEREON IS AN ACCURATE REPRESENTATION OF THE PROPERTY AS DETERMINED BY THIS SURVEY, ENCROACHMENTS, EASEMENTS, RIGHTS-OF-WAY OR PASSAGEWAYS ACROSS SAID PROPERTY THAT ARE IN EVIDENCE OR KNOWN TO ME, ARE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DOUGLAS H. ORT III, PLS 37066



TOPOGRAPHIC SURVEY

LOCATED IN THE SOUTHWEST ONE QUARTER OF SECTION 30, TOWNSHIP 1 SOUTH, RANGE 70 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF BOULDER, STATE OF COLORADO



LAND ENGINEERS LAND SURVEYORS LAND PLANNERS
ACCURATE
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TOPO SURVEY FOR:

SGRY

SHEET

1 OF 1

REVISIONS

DRAWN BY: TJB

APPROVED BY: TEC

FIELD WORK BY: BF

DATE OF SURVEY: 2/24/05

DATE OF DWG: 2/25/05

PROJECT NO. 1SGR0101