

WILDFIRE HAZARD MITIGATION PLAN - SPR # 02-150

Prepared for:

David Mitchel
2885 Stephens Rd.
Boulder, CO. 80305

Prepared by:

Holly Asmus
Forester
Colorado State Forest Service
hasmus@lamar.colostate.edu

On November 15, 2002

SITE LOCATION AND DESCRIPTION OF PROPERTY

The property is located in Jamestown, off of James Canyon, in Boulder County, S17-20, T2N, R71W. The address of the property is **777 CR 87J, Jamestown**.

The dominant fuel type is litter, small shrubs, and juniper. The dominant overstory is ponderosa pine, with occasional Douglas fir throughout the stand. Dwarf mistletoe was observed throughout the property, which catered to heavy mortality due to drought. The home site has a Western aspect and a North slope of 20 -25 %. The property is located within the Jamestown Fire Protection District.

The property is characterized by **Fuel Model 9**. Fuel Model 9 is represented by closed canopy stands of ponderosa pine, and mixed conifer. Under story consists of small trees and shrubs, grasses, and moderate concentrations of down, dead woody litter.

The initial property inspection for a wildfire hazard mitigation consultation occurred on November 13, 2002. Red flagging was used to indicate zone 1 and the trees were marked with blue tree marking paint for thinning and clearing recommendations. A final inspection will be completed when implementation is completed. Payment for marking and written plan was received on 12-17-02, for the amount of \$150. Payment for the final inspection was received on 12-13-02, for the amount of \$45.

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 area.

It is recommended that access driveway, as well as the property address, be marked with visible signage.

There are three zones of protection to be created around the homesite for defensible space. Zone 1 is the most critical and affords the most protection to the site. Zones 2 and 3 are extensions of this protection.

ZONE 1

Zone 1 is the area of maximum modification. It starts at the foundation or outer edge of the structure (i.e. from the "footprint" of the home site, which may include decks, balconies, and character trees accepted by the inspecting forester) and extends out 15 feet in all directions. All flammable vegetation should be removed in this zone. As per Boulder County Land Use Department, create a 3-foot wide strip of nonflammable groundcover immediately adjacent to the structure. This can be accomplished by using decorative rock or gravel. This strip should surround the house and extend under any decks to 2 feet out past the drip line of the decks.

Thinning and pruning are necessary to create defensible space at the site. **All trees marked in blue should be removed.** Trees for removal were selected because of their poor form and/or lack of vigor in addition to their close spacing. Tree removal will improve the health of the remaining trees in addition to mitigating wildfire hazards.

Remove ladder fuels from beneath trees. Ladder fuels are small shrubs, trees, tree limbs, etc. that allow a fire to climb into a tree's crown. **Limb trees to a height of ten feet on the remaining trees in this zone.** For young, small trees in this zone, limb the lower third of the tree's height.

ZONE 2

Zone 2 extends out from zone 1; it is a transition zone between the heavily thinned areas near the house to a more traditional forest setting. In this zone, some clusters of trees are acceptable if there is adequate spacing between clusters.

Zone 2 may extend 40-90 feet from the structure depending on the slope and aspect of the site. On your property we have considered Zone 1 and 2 to extend approximately 45 feet each, from all sides of the structure. In zone 2, **limb remaining trees to a height of eight feet.** As you approach the outer edge of zone 2, reduce limbing height to six feet. Lower branches of young, small trees in this zone should be limbed to one third of the tree's height.

ZONE 3

Zone 3 extends out from zone 2, and is of no set shape or size. Forested land in this zone could be thinned for increased overall forest health and wildfire hazard reduction. The following guidelines apply if you (and your neighbors) decide to work in these areas.

- 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.

All cutting, limbing and slash treatments must be completed prior to scheduling an inspection. Contact me to set up an inspection date at least two weeks before you need the approval.

Implementing this wildfire mitigation plan and maintaining your defensible space will help reduce the threat of wildfire to your home, but does not guarantee its safety.

In addition to the above recommendations, several other measures can be taken to make your home and family more prepared for and adapted to life in a fire prone ecosystem. While not required through Site Plan Review, other measures are recommended for those who live in the wildland-urban interface. These include:

1. Be aware of fire danger. Signs are posted at the entrances of most major canyons.
2. Clean roof and gutters at least twice a year.
3. Stack firewood uphill at least 15 feet from buildings.
4. Do not store combustibles under decks.
5. Screen off foundations, roof and attic openings.
6. Screen and maintain spark arresters on chimneys.
7. When possible, maintain an irrigated greenbelt around the home.
8. Connect and have available at least 50 feet of garden hose during fire season.
9. Post lot and house numbers so that they are clearly visible.
10. Maintain the site's defensible space annually. Contact the Colorado State Forest Service for a 5-year maintenance inspection.

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

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

Overstory – The tree species that forms the uppermost forest layer.

Snag – Standing dead tree, often used by wildlife such as woodpeckers, owls, and sometimes squirrels.

Wildfire mitigation plan – A plan to reduce wildfire hazards around a home or other structure through fuels reduction and landowner awareness.

To:

Invoice No. 61184

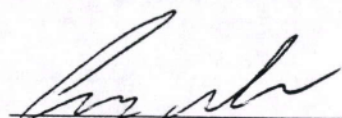
Mr. David Mitchell
 2885 Stephens Rd.
 Boulder, CO. 80305

**Colorado
 State**
 FOREST
 SERVICE

Date: 11-18-02

Item	Unit Cost	Total
1 SPR # 02-150		
2 Wildfire Mitigation Plan/D-space Marking	150. ⁰⁰	150. ⁰⁰
3 Inspection	45. ⁰⁰	45. ⁰⁰
4		
5		
6		
7		
8		
9		
Tax Exempt No. _____		Sales Tax

partial


 CSFS Originator

Payment Due By 12-20-02

Remit to:

COLORADO STATE FOREST SERVICE
 BOULDER DISTRICT
 5625 UTE HIGHWAY
 LONGMONT, CO 80503-9130

Total		195. ⁰⁰
CK-CA-MO Amount Paid:		195. ⁰⁰
Amount Due		195.⁰⁰
Ck# 2584	Dated 12-13-02	
Rcv'd By MLM	F.Y. 02-03	
Funding		Amount
223530	0615	195. ⁰⁰

Deposit No.

Date



Knowledge to Go Places

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

November 15, 2002

Eric Philips
Boulder County Land Use Department
P.O. Box 471
Boulder, CO 80306

Hi Eric,

Enclosed is a copy of SPR # 02-150. It has been marked, but I have not received payment and I have not inspected the property. It was marked on November 14, 2002.

If you have any questions, please feel free to contact me.

Sincerely,

Holly Asmus
Forester

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

November 15, 2002

David Mitchel
2885 Stephens Rd.
Boulder, CO. 80305

Dear David,

I hope all is well. Enclosed is a copy of your Wildfire Mitigation Site Plan Review.

When you have completed the work, please call me so we can set up an inspection. If you have any questions about the SPR process or any concerns about forest management issues, please feel free to contact me.

Sincerely,

Holly Asmus
Forester

Joany

SPR MITIGATION PLAN FORM

Tree Farm
Grant
PLEP interest

TODAY'S DATE: 11/11/02
LANDOWNER'S NAME: David Mitchell & Lee
MAILING ADDRESS: 2885 Stephens Rd.
Bo 80305

SITE ADDRESS: 777 CR 87J
Jamestown

SPR-02-150

SPR# _____ SECTION _____ TOWNSHIP _____ RANGE _____

DOMINANT FUEL TYPE _____ OVERSTORY _____

ASPECT _____ SLOPE _____ % TOTAL ACERAGE _____

FUEL MODEL _____

I&D/FOREST HEALTH _____

SITE MAP INCLUDED? Y N

VISIBLE SIGNAGE? Y N

DRIVEWAY (length, width, location) _____ ROAD ACCESS _____

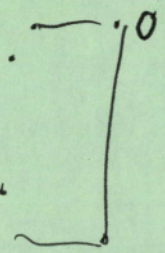
BUILDING/STRUCTURE: MATERIALS _____

Rastra

SQ. FT. _____
HEIGHT/STORIES _____
DECK _____
ROOFING _____ WINDOWS _____
LEECH FIELD _____
CISTERN (capacity) 2500
PROPANE _____

FPD Jamestown

COMMENTS/RECOMMENDATIONS:

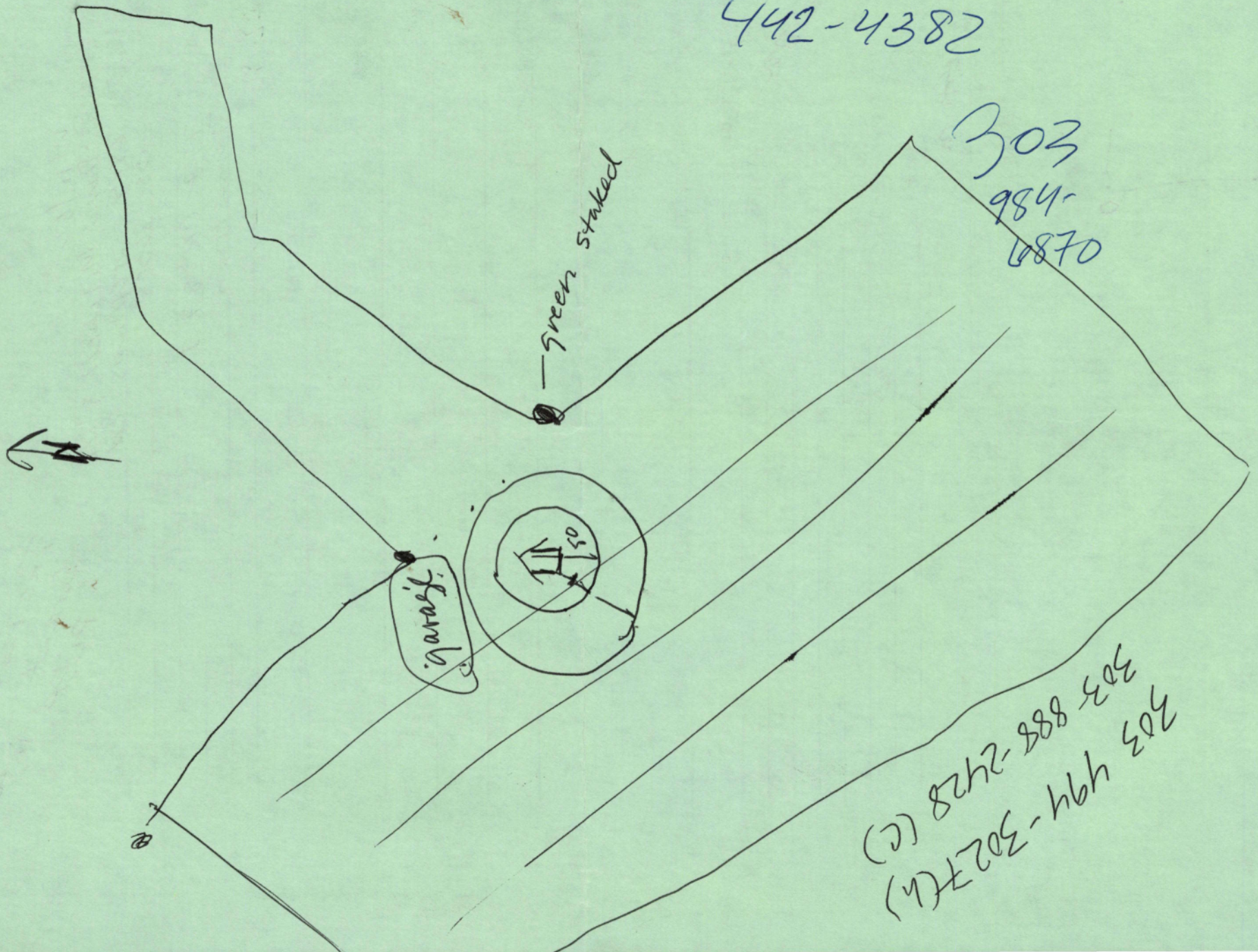


US Fish & Wildlife

6940 Old Stage Rd

442-4382

239 24501



Fax Cover Sheet

kinko's®

2616 Baseline Road
Boulder, CO 80305
Tel: (303) 494-2622
Fax: (303) 494-0879

Date: _____

To: Holly AsmusCompany: Colo State Forest ServiceFax: 303 823-5768From: David + Lee Mitchell

Company: _____

Tel: _____

Number of pages including this one: _____

Comments:

Legal + Map of
Lots near Jamestown

Thanks Holly

David

COMMONWEALTH LAND TITLE INSURANCE COMPANY

Commitment No.: K129916

SCHEDULE A - Continued

LEGAL DESCRIPTION

PARCEL A:

THE EMMA J. LODE MINING CLAIM, EFFIE MAUD LODE MINING CLAIM, ANDREW C. LODE MINING CLAIM, FLOENCE J. LODE MINING CLAIM AND WILLIAM R.C. LODE MINING CLAIM, U.S. SURVEY NO. 17893A, IN THE CENTRAL MINING DISTRICT, LOCATED IN SECTIONS 17, 18, 19 AND 20, TOWNSHIP 2 NORTH, RANGE 71 WEST OF THE 6TH P.M., COUNTY OF BOULDER, STATE OF COLORADO.

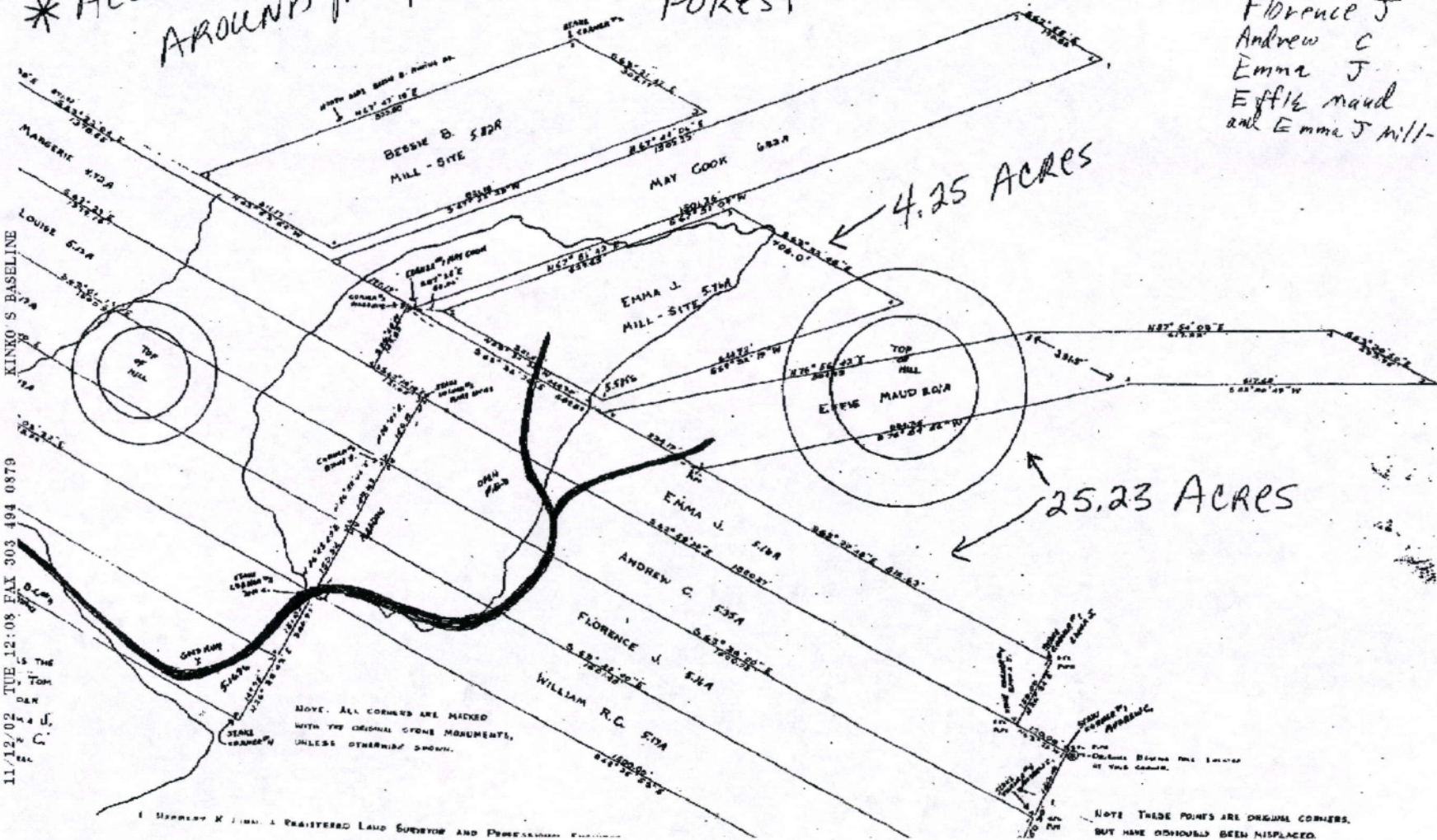
PARCEL B:

A 20.00 FOOT WIDE UTILITY AND INGRESS AND EGRESS EASEMENT, CROSSING THE WHITE SWAN LODE MINING CLAIM AND THE GOLD STANDARD LODE MINING CLAIM (UNITED STATES MINERAL SURVEY NO. 12448) AND THE BERT C. LODE MINING CLAIM, TOM C. LODE MINING CLAIM AND BESSIE B. NO. 3 LODE MINING CLAIM (UNITED STATES MINERAL SURVEY NO. 17882A), WITHIN SECTION 18, TOWNSHIP 2 NORTH, RANGE 71 WEST OF THE 6TH P.M., COUNTY OF BOULDER, STATE OF COLORADO, AS CREATED BY INSTRUMENT RECORDED JULY 24, 2001 AS RECEPTION NO. 2176902, THE CENTERLINE OF WHICH IS THE APPROXIMATE CENTERLINE OF AN EXISTING DRIVEWAY AND WHICH CENTERLINE IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT CORNER NO. 2 OF THE WHITE SWAN LODE MINING CLAIM (NW CORNER), THENCE N 46 DEG. 50' 00" E ALONG THE NORTH LINE OF SAID WHITE SWAN LODE A DISTANCE OF 821.18 FEET TO THE APPROXIMATE CENTERLINE OF BOULDER COUNTY ROAD 87J, THENCE S 51 DEG. 29' 07" E ALONG SAID APPROXIMATE CENTERLINE OF BOULDER COUNTY ROAD 87J A DISTANCE OF 10.11 FEET TO THE TRUE POINT OF BEGINNING;
THENCE N 46 DEG. 50' 00" E A DISTANCE OF 174.13 FEET;
THENCE N 53 DEG. 05' 39" E A DISTANCE OF 43.15 FEET;
THENCE N 62 DEG. 28' 52" E A DISTANCE OF 69.73 FEET;
THENCE N 80 DEG. 09' 12" E A DISTANCE OF 283.60 FEET;
THENCE ALONG A CURVE TO THE RIGHT WITH A RADIUS OF 70.00 FEET, A DELTA OF 59 DEG. 33' 24" AN ARC DISTANCE OF 72.76 FEET;
THENCE S 40 DEG. 17' 24" E A DISTANCE OF 123.29 FEET;
THENCE S 51 DEG. 28' 25" E A DISTANCE OF 86.22 FEET;
THENCE ALONG A CURVE TO THE RIGHT WITH A RADIUS OF 215.00 FEET, A DELTA OF 22 DEG. 55' 54" AN ARC DISTANCE OF 86.05 FEET;
THENCE S 74 DEG. 24' 19" E A DISTANCE OF 204.40 FEET;
THENCE N 64 DEG. 58' 08" E A DISTANCE OF 94.98 FEET;
THENCE N 80 DEG. 09' 24" E A DISTANCE OF 197.82 FEET;
THENCE N 86 DEG. 20' 18" E A DISTANCE OF 95.90 FEET TO A POINT ON THE NORTHWESTERLY LINE OF THE WILLIAM R.C. LODE MINING CLAIM AND THE POINT OF TERMINUS, 27.57 FEET FROM CORNER NO. 3 (THE SOUTHWEST CORNER OF SAID WILLIAM R.C. LODE).

* ALL white space AROUND properties is NATIONAL Forest

We Own
William R.C.
Florence J
Andrew C
Emma J
Effie Maud
and Emma J mill-site



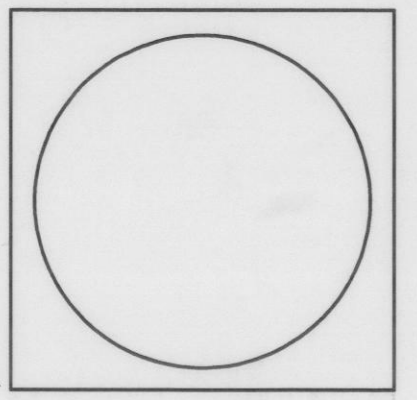
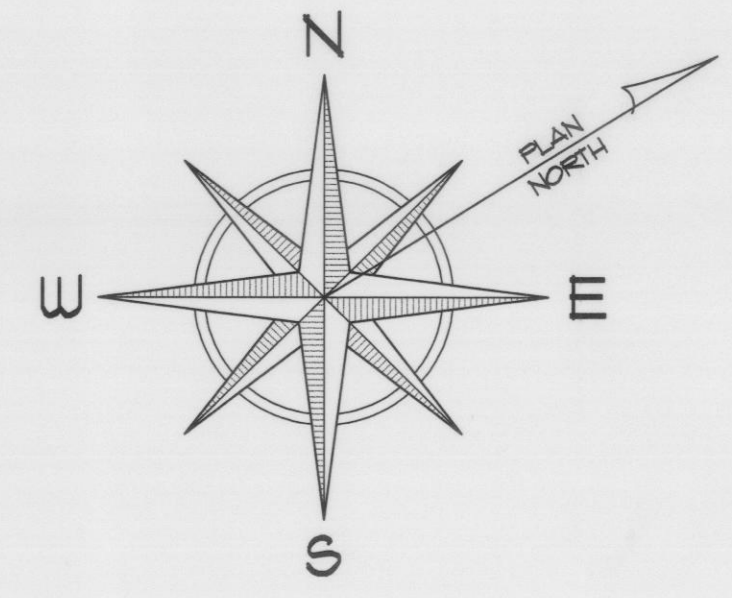
NOTE THESE POINTS ARE ORIGINAL CORNERS, BUT HAVE OBVIOUSLY BEEN MISPLACED.





HOUSE GRADING PLAN
1" = 1'-0"

LOWER FLOOR	• 191.5'
MAIN FLOOR	• 191.5'
UPPER FLOOR	• 201.5'
T.O. RIDGE (MAX. BLDG. HT.)	• 222.6'



KENNETH J. JACQUES
ARCHITECT

128 KATE LANE
GOLDEN, CO 80403
303-640-2320 (office)

FISCHER MOUNTAIN HOME
WONDERVU RANCH
BOULDER COUNTY COLORADO

DRAWN: K.J.
DATE: 12-18-22
BID SET: _____
PERMIT SET: _____
CONST. SET: _____
REVISIONS: _____

PERMIT SET
A-1a