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CO	lorado State FOREST
	State
	FOREST
	SERVICE

Boulder District 5625 Ute Highway Longmont, CO 80503 (303) 823-5774 (303) 823-5768 fax

Name: Jerry Deges (Contrador/bulder)	□ Defensible Space
Address: 33575 Gan Rd. Gdden, Co 88403	Fire Mitigation
	Insect and Disease Control
303-642-799 (w)  Phone: 303-748-4083 (all)	Interested Neighbors
Appointment Date: 11-25-02 12:00 mm	Acreage/Size:

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Knowledge to Go Places

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

# WILDFIRE HAZARD MITIGATION PLAN - LU # 02 - 10

Prepared for:

Gene Fischer P.O. Box 7413 Golden, CO. 80403

On November 25, 2002

Prepared by:

Cory Secher Forester

Colorado State Forest Service

hasmus@lamar.colostate.edu

## SITE LOCATION AND DESCRIPTION OF PROPERTY

The property is located off of Hwy 72 West of Gross Reservoir, in Boulder County, T1S – R72W – S36. The address of the property is 386 Camp Eden Rd., Boulder CO 80306.

The dominant fuel type is litter and small shrubs. The dominant overstory is Limber pine and Lodgepole pine with the occasional Ponderosa pine and Douglas fir throughout the stand. No major disease or insect infestation was observed within the defensible space marking area. However, some Dwarf Mistletoe was observed on surrounding lodgepole pines. The home site has a North Western aspect with a slope of 12 - 15 %. The property is located within the Coal Creek 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 25, 2002. Orange flagging was used to indicate zone 1 and the trees to be taken out were marked with blue tree marking paint for forest health thinning and clearing recommendations. A final inspection will be completed when implementation is completed. Payment for marking and written plan was received on \_\_\_\_\_\_, for the amount of \$150. Payment for the final inspection was received on \_\_\_\_\_\_, for the amount of \$45.

## RECOMMENDATIONS

As detailed in fact sheet 6.302, <u>Creating Wildfire Defensible Zones</u>, 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.
- 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.



Knowledge to Go Places

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

November 25, 2002

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

Hi Eric,

Enclosed is a copy of LU-02-10, for Jerry Deges property. It has been marked, but I have not received payment and I have not inspected the property. It was marked on November 25, 2002.

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

Sincerely,

Cory Secher Forester



Knowledge to Go Places

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

November 25, 2002

Jerry Deges 33575 Gap Rd. Golden, CO. 80403

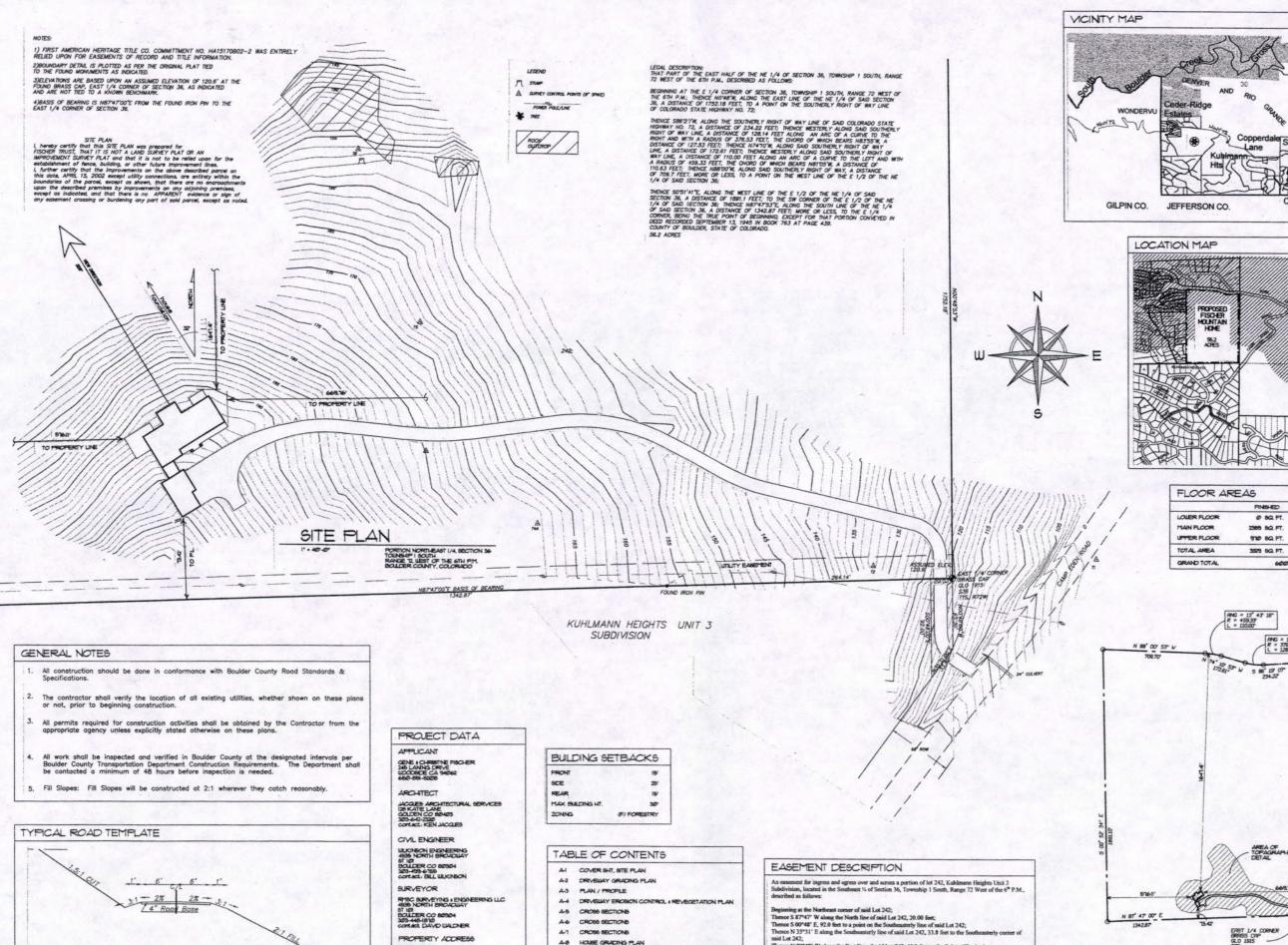
Dear Jerry,

I hope all is well. Enclosed is a copy of your Wildfire Mitigation Site Plan Review. I have also enclosed some information on the Forest Ag program for your 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,

Cory Secher Forester



A-9 REVEGETATION ( EXT. LIGHTING PLAN

A-10 BUILDING ELEVATIONS

A-II BULDING ELEVATIONS

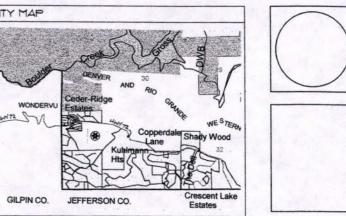
TEO HUY TO GOLDEN CO

LOT SIZE

562 ACRES

Thence N 00°48' W along the East line of said Lot 242, 65.3 feet to the Point of Beginning.

Along with an easement for the cut slope required in the installation of said access read not to exceed 15 feet in width along the west line of said easement described above as "Thence S 00"48" E, 92.0 feet to a point on the Southeastery line of said Lot 242".



Ø 90 FT

2988 80 FT

970 8Q FT.

3829 9Q FT.

BOUNDRY DETAIL

6000 5Q FT.

1635 9Q FT.

1038 50 FT.

Ø 50 FT.

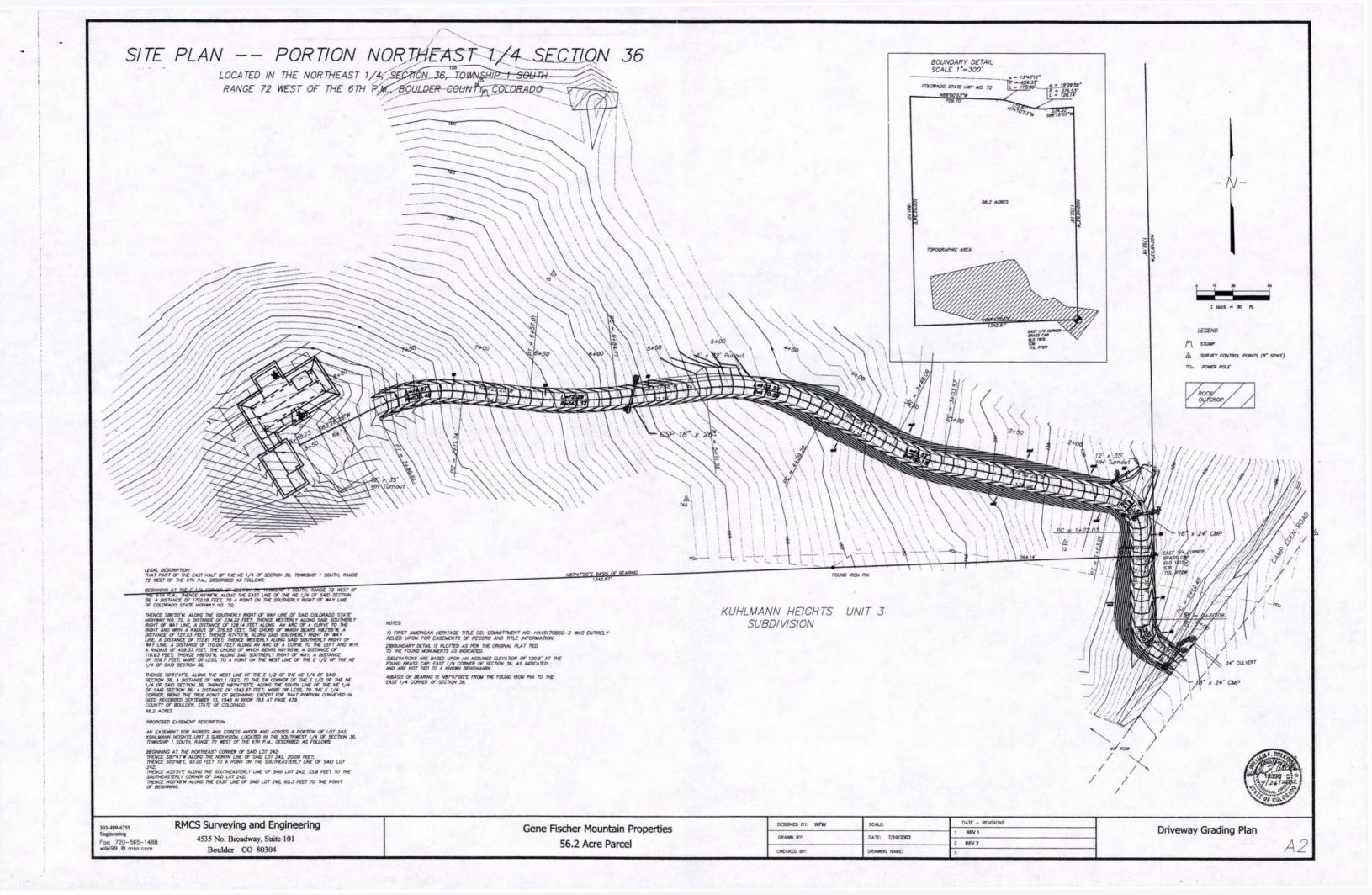
26'B 6Q FT.

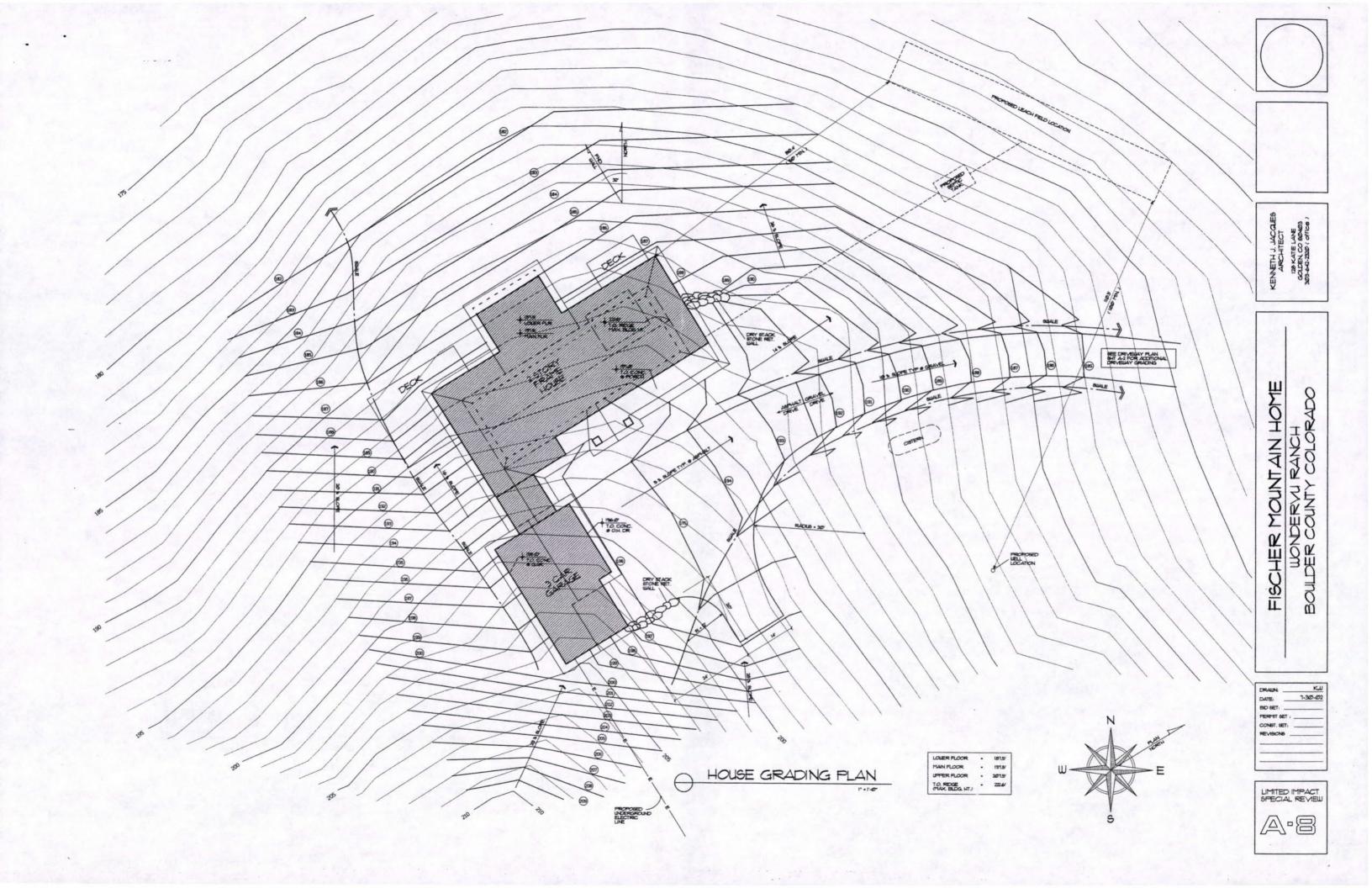
BOADS Office KENNETH J. JACA ARCHITECT

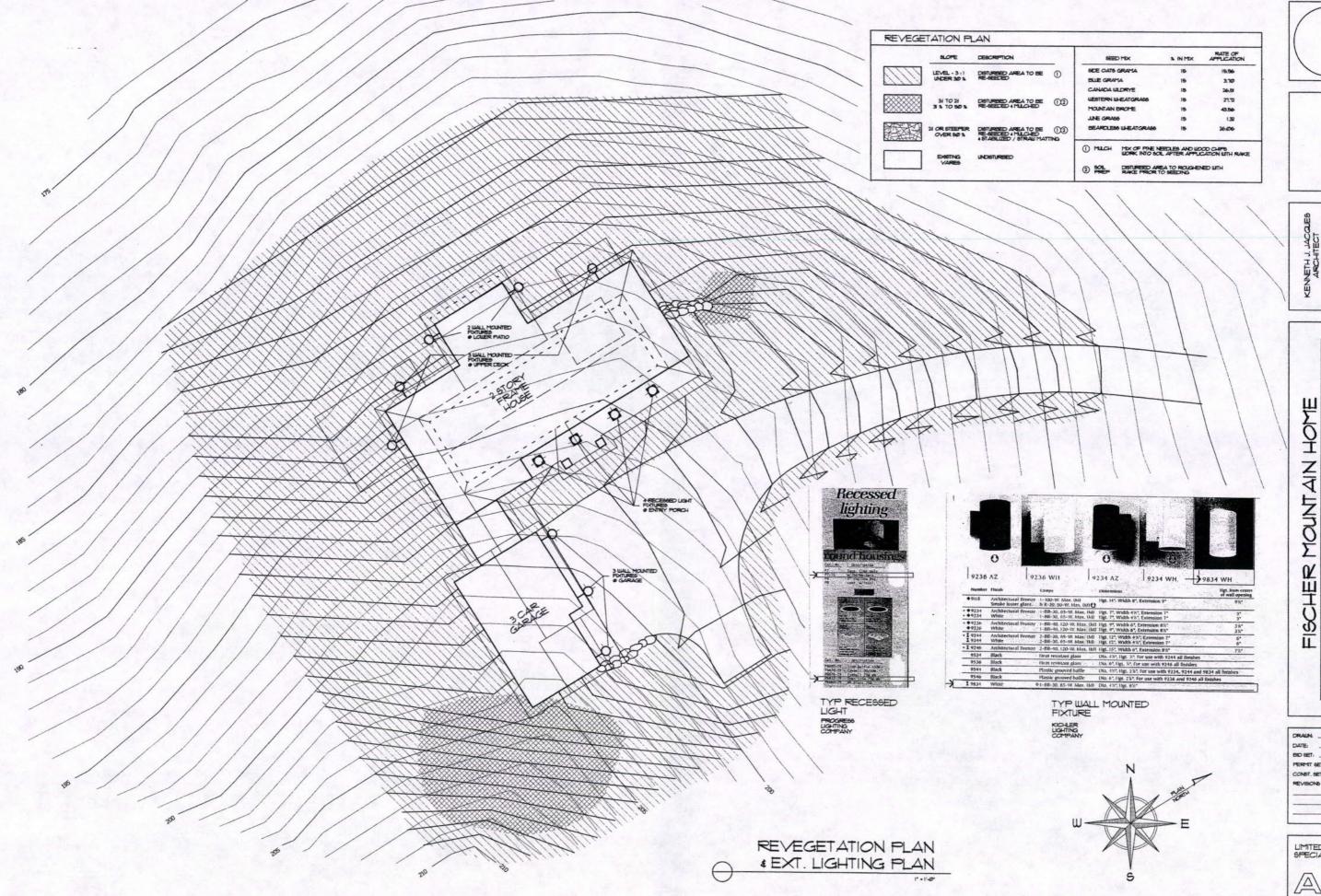
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KW 7-30-02 DATE: REVISIONS

LIMITED IMPACT SPECIAL REVIEW 4-1





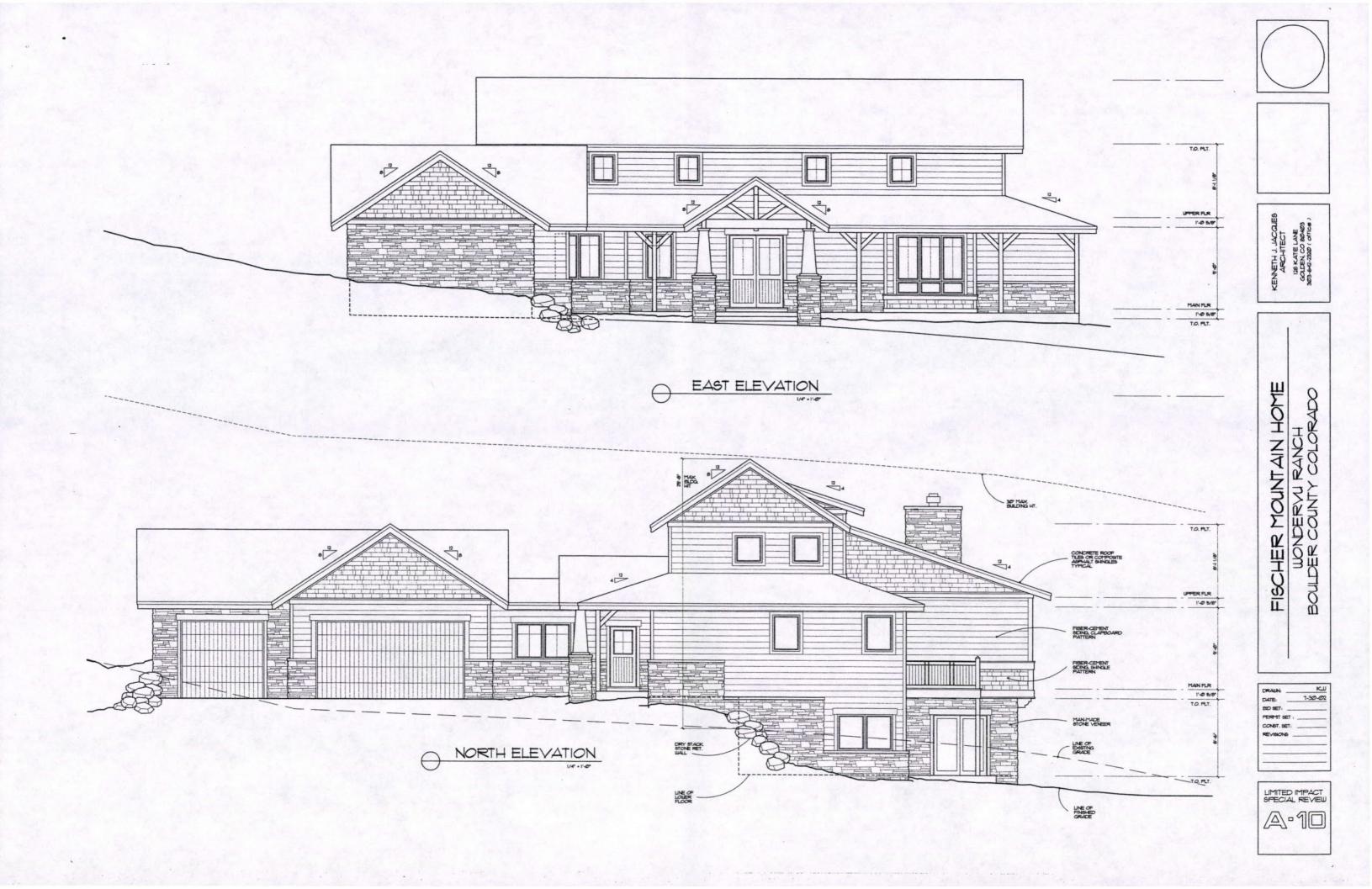


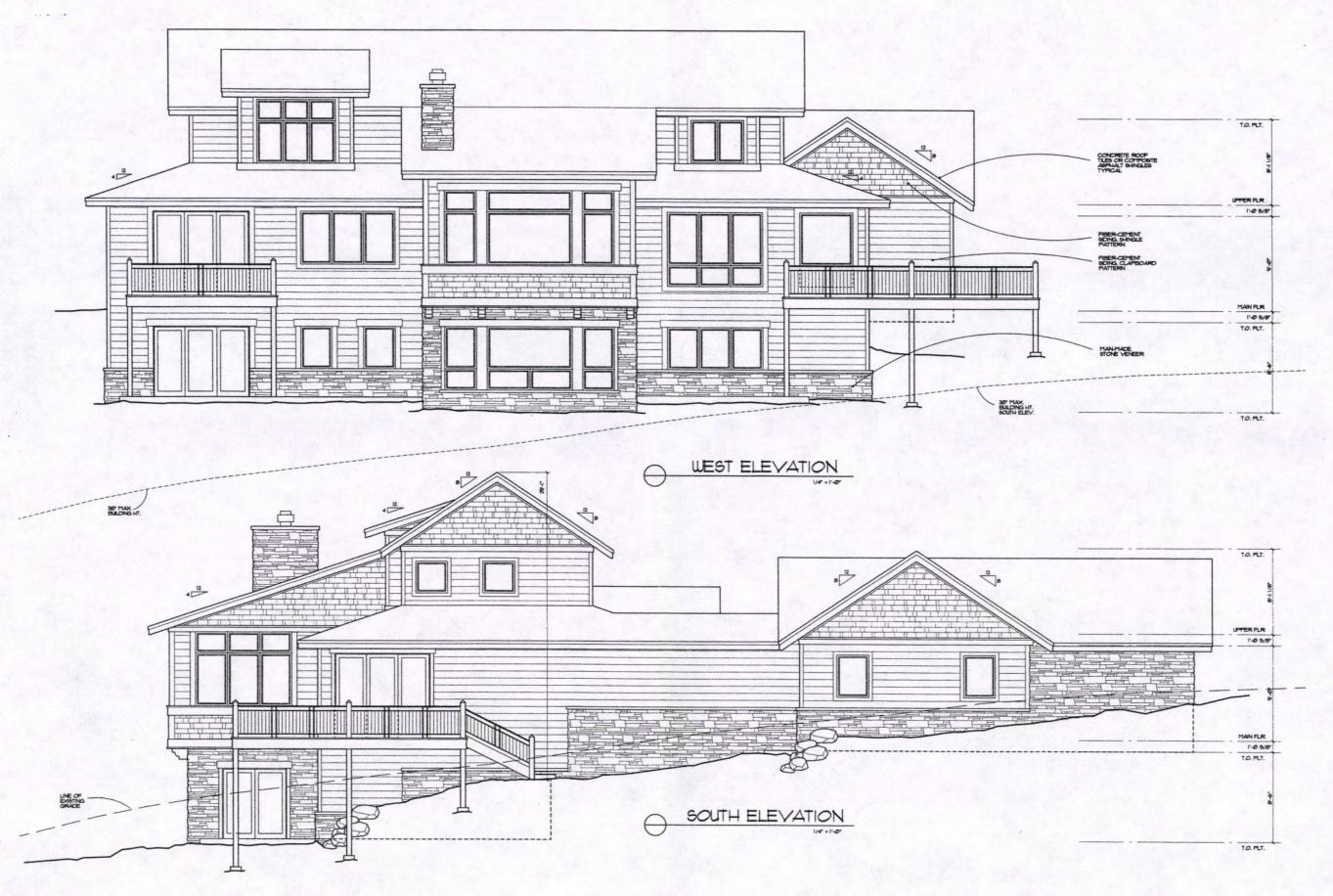
KENNETH J. JACQLES
ARCHITECT
128 KATE LANE
GOLLEN CO 82463
269-642-2320 (office)

RANCH COLORADO BOULDER COUNTY

7-30-02 PERMIT SET : CONST. SET: \_\_ REVISIONS \_

LIMITED IMPACT SPECIAL REVIEW A-8





MONDERVU RANCH
BOULDER COUNTY COLORADO

KENNETH J. JACQLES
ARCHITECT
128 KATTE LANE
GOLEN CO 86403
363-632-530 (office)

DRAUN: \_\_ DATE: \_\_ BID SET: \_\_ 7-30-02 PERMIT SET : CONST. SET:

LIMITED IMPACT SPECIAL REVIEW A-11

Го:	Invoice N	61185	
Mr. Jevry Deges 33575 Gap Rd. Golden, Co. 80403		Colorac State FOREST SERVICE	lo
Date: 11-25-02			
Item		Unit Cost	Total
5PR-LN-#02-10 2 Wildfire Mitigation Plan 10-space M. 3 Inspection	aukina	150.	150,9
3 Inspection		45.	45.2
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Tax Exempt No	Sales	Tax	E ESTAN
Tax Exempt No.		Tota	195,00
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Payment Due By 12-27-02	Ck#	Dated	
Payment Due By 12 2:	Rcv'd By	F.Y.	
	Fundi	ng	Amount
Remit to:	223530	0615	195,00
COLORADO STATE FOREST SERVICE BOULDER DISTRICT 5625 UTE HIGHWAY LONGMONT, CO 80503-9130			