EXHIBIT "A"

POINTE MARIN

NOVATO, CALIFORNIA

VEGETATION MANAGEMENT and FUEL MODIFICATION PLAN

April 8, 2003

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INTRODUCTION

The following information is a requirement of the "Novato Fire Protection District Fire Loss Management Division", Fire Protection Standard 220, "Vegetation Management Plan", DATED 2/22/01. The information and requirements contained in this document shall be incorporated into the Development CC & R's.

EXISTING SITE DESCRIPTION

Pointe Marin is a Planned Development of over three hundred and forty Single Family Residential Units, and 100 Senior Housing Units, to be developed under the Army Reuse Plan. Proposed to be constructed in three phases. Located in Ignacio Valley and bisected by Ignacio Boulevard. The site is surrounded by existing residential development on the North (partially), South and West. See Appendix C.

The North portion of phase one is adjacent to sloping natural open space consisting of grasses with solitary and small groupings of native trees.

VEGETATION MANAGEMENT AND FUEL MODIFICATION

A well-designed and properly maintained landscape is a visual delight, matches the needs of the homeowners desires and can be a major asset, both in property value and fire prevention.

Criteria contained within NFPD Standard 220 indicate that a "Defensible Space Zone" of 30' X 30' x 50' from proposed structures is required for Phase Two and Three of Pointe Marin. This zone was determined by the Fire Hazard Risk Assessment Matrix within NFPD Standard 220 and is found in Appendix F. When this zone is contained solely within a residential rear or side yard, residents shall be required to adhere to installing plant material as listed under the "Recommended Fire Resistant Plant Materials".

Pyrophytic plants are a classification of plant materials containing characteristics that ignite readily and burn intensely. Characteristics include blade-leaf or needle-leaf evergreens, typically stiff leaves, leathery leaves and wood containing volatile waxes, fats or oils, plants containing dry or dead materials, leaves that are pubescent or hair covered, loose or papery bark, plants that are water stressed or in poor condition, or plants that can be easily ignited with a match or spark.

Fire resistant plants are typically broad-leaf deciduous trees, leaves tend to be supple, moist and easily crushed, tend to be clean with little deadwood, low growing (shrubs) two feet, sap is water-like and lacks a strong odor.

Recommendations (key points) to minimize fire hazards:

Minimize or eliminate highly flammable plants
Reduce potential for a "fire ladder"
Create a fuel break around structures
Properly space and prune trees
Remove flammable debris or build-up from site
Remove trimmed or cut material from site
Use Fire Resistant Plant Materials when ever possible
Prohibit the use of "shredded redwood bark" or "monkey hair"
as a mulch material

DEFENSIBLE SPACE ZONES

ZONE ONE is the first thirty feet around a structure. This is the landscape zone for foundation plantings. It may contain traditional trees, shrubs, grondcovers, and lawn. Plants in this zone shall be the most fire-resistant, and not include Pyrophytes that are high in oils and resins. Regular maintenance and a regulated irrigation program are essential. Non-flammable landscape patios, walkway materials with rock and gravel mulch are useful in reducing fire hazard in this zone.

ZONE TWO is the middle area consisting of thirty to seventy feet from the structure. This zone should include low plants, up to eighteen inches high, such as fire resistant groundcovers, to act as a fuel break and prevent the spread of ground fires. Existing native plant material within this zone will require regular monitoring and pruning or trimming with removal of dead wood and debris.

ZONE THREE included fringe areas adjacent to open space. A native area, occasionally containing introduced vegetation, shall be trimmed or thinned within and immediately adjacent to residential lots. Fringe or the perimeter of large residential lots shall be maintained on a regular basis to eliminate a build-up of dry brush and other debris. This will greatly assist to prevent a fire in the open space from spreading to homes.

FUEL MANAGEMENT and MAINTENANCE PROCEDURES

Landscape maintenance can be minimized with proper plant selection. Drought tolerant landscapes may cut water use by twenty to fifty percent when compared to more typical ornamental landscapes, and can save mowing, feeding, and pruning time. Regular monthly landscape inspection is important particularly during the summer and fall. Many of our commonly used landscape plant materials are either native, or come from the Mediterranean climatic region, which is similar to our own. Over time these plants have adapted to the cycles of winter rains and dry summers and will experience early dormancy, or entirely lose their leaves. Commonly, these plants are overwatered. A more desirable concept is to gradually cut back the amount of water given to plants after their initial establishment period. Deep watering at infrequent intervals results in sturdier, more drought tolerant plant material.

The purpose of the fuel management and maintenance procedures is to interrupt the "fuel ladder" and deny fire the means to endanger lives and property. A fire ladder may exist when flames can easily jump from shorter to higher vegetation, eventually reaching a structure. Flammable shrubs can allow flames to progress or be blown into a tree readily spreading a fire.

Avoid using "shredded redwood bark" or "monkey hair" as a mulch material. Remove any dry weeds or brush that have accumulated. Thin overgrown vegetation. Prune dry or dying branches and dispose of properly.

- 1. All mature and native tree limbs shall be trimmed to a minimum of six feet above ground level.
- 2. All dead trees, limbs, and wood shall be removed from trees and picked up from the ground during the month of May.
- 3. Brush and other vegetative materials shall be mulched and left to form organic compost.
- 4. Unirrigated grass and native brush shall be cut to less than one [1"] inch and raked and removed for thirty feet around building sites, and trees shall be trimmed to preclude roof overhang or growth within ten feet of a chimney.

- 5. Landscape planting within thirty feet of neighboring properties shall consist of fire-resistant construction and plant materials. Unirrigated grasses within the thirty-foot strip shall be cut to a maximum of one-inch height at least once a year at the end of the rainy season, and prior to May 15th.
- 6. Original conformance to the above will be provided by the developer during the construction phase of the project. Thereafter, the property owner shall be responsible for his property.

REFERENCES:

The University of California – Cooperative Extension. "Hortscript" – No. 18, February 1996.

Novato Fire Protection District Standard 220: Vegetation/Fuels Management Plan. "Firescape Landscaping to Reduce Fire Hazard" – Second Edition, East Bay Municipal Utility District.

APPENDIX A

RECOMMENDED FIRE-RESISTANT PLANT MATERIALS

TREES

Acer spp.

Arbutus unedo

Ceratonia siliqua

Cercis occidentalis

Cercocarpus betuloides

Citrus spp.

Fagus spp.

Feijoa sellowiana

Fraxinus spp.

Gleditsia triacanthos

Macadamia hybrids

Metrosideros excelsus

Myoporum spp.

Pistacia chinensis

Pittosporum spp.

Quercus spp.

Rhus lancea

Robinia pseudoacacia

Schinus molle

Schinus terebinthifolius

SHRUBS

Aeonium spp.

Achillea millefolium

Agave spp.

Aloe breviolia

Aloe spp.

Aquilegia formosa

Arctostaphylos uva-ursi

Artiplex semibaccata

Asarum caudatum

Aster chilensis

Brugmansia spp.

Buddlein spp.

Carpantria californica

Ceanothus griseus 'Ray Hartman'

Ceanothus maritimus

Maple

Strawberry Tree

Carob

Western Redbud

Mountain Ironwood

Citrus

Beech

Pineapple Guava

Ash

Honey Locust

Macadamia Nut

New Zealand Christmas Tree

Myporum

Chinese Pistache

Mock Orange

Oak

African Sumac

Locust, Black

California Pepper Tree

Brazilian Pepper

Aeonium

Yarrow

Agave

Shortleaf Aloe

Aloe

Western Columbine

Bearberry

Australian Saltbush

Wild Ginger

Wild Aster

Angel's Trumpet

Butterfly Bush

Bush Anemone

Ray Hartman Ceanothus

Maritime Ceanothus

Cera stium tomentosum

Cistus crispus

Cistus salvifolius

Coleonema caka "Diosma"

Convolvus cneorum

Cotoneaster congestus

Cotoneaster horizontalis

Cotoneaster microphyllus

Cotoneaster dammeri

Cotyledon spp.

Crassula spp.

D. pulverulenta

Dicentra formosa

Digitalis spp.

Dudleya farinosa

Echeveria spp.

Echium spp.

Epipactis gigantea

Erigeron glaucus

Eriogonum spp.

Eriophyllum confertiforum

Eriophyllum stachaedifolium var. artemisaefolium

Erysimum capitatum

Erysimum concinnum

Escallonia spp.

Gazania rigens leucolaena

Grindelia stricta venulosa

Heuchera micrantha

Iris douglasiana

Iris longipetala

Iris macrosiphon

Lavatera assurgentiflora

Ligustrum japonicum

Ligustrum lucidum

Ligustrum texanum

Mahonia repens

Mimulus spp.

Monardella vellosa

Nerium oleander

Nolino spp.

Penstemon spp.

Pittosporum crassifolium

Pittosporum tobira

Snow-in-Summer

Rockrose

Sageleaf Rockrose

Brush of Heaven

Bush Moming Glory

likiano

Rock Cotoneaster

Rockspray Cotoneaster

Bearberry Cotoneaster

NCN

Crassula

Dudleya

Western Bleeding Heart

Foxglove

Dudleyaor Cliff Lettuce

Hen and Chicks

Echium or Priderot

Stream Orchid

Beach Aster

Wild Buckwheat

Golden Yarrow

Lizard Tail

Foothill Wallflower

Fragrant Wallflower

Escallonia

Trailing Gazania

Coastal Wild Gum

Coral Bells

Douglas Iris

long-petaled !ris

Ground Iris

Malva Rose (Tree Mallow)

Japanese Privet

Glossy Privet

Texas Privet

Creeping Mahonia

Monkey Flower

Coyote Mint

Oleander

Nolina (related to Yucca)

Bearded Tongue

Dwarf Karo

Mock Orange

Polystichum munitum

Portulacaria afra 'Variegata'

Prunus lyonii

Pteridium aquilinum

Punica granatum

Rhapiolepis spp.

Rhamnus alaternus

Rhododendron (Azalea) spp.

Rhus integrifolia

Salvia sonomensis

Satureja douglasii

Sidalcea malvaeflora

Simmondsia chinensis

Solanum xanti

Symphoricarpos mollis

Trachelospermum jasminoides

Yucca spp.

Zigadenus fremontii

GROUNDCOVERS

Achillea spp.

Achillea tomentosa

Agapanthus spp.

Ajuga crispa

Ajuga reptans

Aloe aristata

Armeria maritima

Arctostaphylos hookeri

Arctotheca calendula

Bergenia spp.

Brodiaea laxa

Carpobrotus spp.

Ceanothus gloriosis

Ceanothus griseus 'Anchor Bay'

Ceanothus griseus horizontalis

Ceanothus griseus 'Emily Brown'

Centaurea cineraria

Centranthus ruber

Cerastium tomentsoum

Coprosma kirkii

Coreopsis spp.

D. hispidium

Sword Fem

Elephant's Food

Catalina Cherry

Bracken Fern

Pomegranate

India Hawthorn

Italian Buckthorn

Rhododendrons and Azaleas

Lemonade Berry

Creeping Sage

Yerba Buena

Checkerbloom

Jojoba

Purple Nightshade

Creeping Snowberry

Star Jasmine

Yucca

Star Lily

Yarrow

Woolly Yarrow

Lily-of-the-Nile

Giant Ajuga

Carpet Bugle

Dwarf Aloe

Common Thrift

Monterey Carpet (Manzanita)

Silver Spreader

Bergenia

Grass Nut

ice Plant

Point Reyes Ceanothus

Anchor Bay Cenothus

Carmel Creeper

Emily Brown Carmel Creeper

Dusty Miller

Red Valerian (Jupiter's Beard)

Snow-In-Summer

Creeping Coprosma

Coreopsis

Rosea Ice Plant

Delosperma "Alba"

Dietes bicolor

Dietes vegeta

Drosanthemum floribunda

Duchesnea indica

Eounymus Fortunei coloratus

Erigeron karvinskianus

Erysimum linifolium

Eschscholzia spp.

Eestuca rubra

ragaria californica

ragaria chiloensis

Gazania rigens leucolaena

Geranium spp.

Helichrysum petiolatum

Hemerocallis hybrids

Hesperaloe parvillora

Heuchera maxima

Hypericum calycinum

iberis sempervirens

iris spp.

Kniphofia uvaria

Lampronthus spp.

Lantana montevidensis

Lavandula spp.

Limonium perzil

Liriope gigantea

Lupinus spp.

Malephora crocea

Malephora luteola

Mimulus spp.

Myoporum parvifolium

Oenothera berlandieri

Onicera hispidula

Osteospermum fruiticosum

Pelargonium peltatum

Penstemon spp.

Phyla nodiflora

Potentilla tabernaemontanii

Pyracantha "Santa Cruz"

Ranunculus californica

Romneya coulteri

Santolina chamaecyparisus

White Trailing Iceplant

African Iris

Foreight Lily

Rosea Ice Plant

Mock Strawberry

Winter Creeper

Fleabane (Mexican Daisy)

Wallflower

California Poppy

Creeping Red Fescue

Wood Strawberry

Beach Strawberry

Trailing Gazania

Geranium

Curry Plant

Daylily

Red Yucca

Island Alum Root

St. Johnswort

Evergreen Candytuft

Red Hot Poker (Torch Lily)

Bush Ice Plant

Lantana

Lavender

Sea Lavender

Giant Lily Turf

Lupine

Croceum Ice Plant

Yellow Trailing Ice Plant

Monkey Flower

Myoporum

Mexican Evening Primrose

Pink Honeysuckle

Trailing African Daisy

lvy Geranium

Beard Tongue

Lippia

Spring Cinquefoil

Firethorn

Buttercup

Matilija Poppy

Lavender Cotton

Santolina virens Sedum confusum Sedum rubrotinctum Senecio serpens Sisyrinchium californicum Sisyrinchium spp. Stachys byzantia Strelitzia reginae Teucrium chamaedrys Thymus praecox arcticus Trifolium fragiferum Tulbaghia violacea Verbena peruviana Vinca spp. Zantedeshia aethiopica Zauschneria californica

VINES

Rosa banksiae Solanum jasminoides Tecomaria capensis Trachelospermum jasminoides Wisteria spp. Green Lavender Cotton Stonecrop Brown Bean (Pork and Beans) NCN Yellow-Eyed Grass **Blue-Eyed Grasses** lamb's Ears Bird of Paradise Prostrate Germander Creeping Thyme O'Connor's Legume Society Garlic Perennial Verbena Periwinkle Common Calla California Fuschia

Lady Bank's Rose Potato Vine Cape Honeysuckle Star Jasmine Wisteria APPENDIX B

Description: Marin,CA Document-Year.DocID 2003.116149 Page: 22 of 36 Order: _ Comment:

PYROPHYTIC PLANT MATERIALS

(Prohibited High Fire Hazard Plants)

TREES

Abies spp. Cedrus spp.

Chamaecyparis spp. Cupressus sargentii Eucalyptus spp.

Lithocorpus densiflora

Palms
Picea spp.
Pinus attenuata
Pinus coulteri
Pinus radiata
Pinus spp.

Pseudotsuga menziesii

Taxus spp.

Umbellularia californica

SHRUBS

Acacia spp.

C. Selloana

Adenostoma fasciculatum

Arctostaphylos spp. Artemisia californica Baccharis spp. Bambusa spp.

Castanopis chrysophylla

Cortaderia jubata

Cytisus monspessulanus

Cytisus scoparius

Erigonum fasciculatum

Juniperus spp. Larix spp.

Lonicera japonica Pennisetum spp. Pickeringia montana

Quercus spp.

Rosmarinus officinalis

Salvia mellifera Spartium junceum Firs

Cedars False

Sargent Cypress

Eucalyptus

Tan Oak, Tanbark Oak Palm (if dry fronds)

Spruces

Knobcone Pine Coulter Pine Monterey Pine

Pines Douglas Fir

Yew

California Bay

Acacia species

Chamise, Greasewood

Manzanitas

Sagebrush (California)

Coyote Brush
Bamboo
Pampas Grass
Chinquapin, Giant
Jubata Grass
French Broom
Scotch Broom

California Buckwheat

Junipers Larch

Japanese Honeysuckle

Fountain Grass Chaparral Pea

Scrub Oak (brushy oaks)

Rosemary Black Sage Spanish Broom Thuja spp. Tsuga spp. Ulex europea Vaccinium

Arborvitae Hemlock Gorse Huckleberry APPENDIX C

escription: Marin, CA Document-Year.DocID 2003.116149 Page: 25 of 36 rder: _ Comment:

VEGETATION MANAGEMENT LOTS

The lot numbers listed below are within Point Marin and are located on the North boundary line of the project adjacent to the existing Open Space. Their specific location and relationship to the existing Open Space applies to the criteria listed in the "Novato Fire Protection District Standard 220 - Vegetation/Fuels Management Plan" dated 2/22/01

These lots are further delineated and their relationship to the Open Space shown on the Vegetation Management and Fuel Modification Plan (1"=80'-0") that can be found in Appendix F.

A.P. Number:

#160 - 015 - 70

LOT NUMBERS:

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#188, 189, 190, 191, 192, 193, 199, 203, 204
#205, 206, 220, 221, 222, 223, 224, 248, 249
#253, 254, 255, 256, 257, 279, 280, 281, 282
#283, 284, 285, 286, 287, 288, 289, 290, 292
#293, 294, 295, 296, 304, 305, 306, 307, 308
#323, 324, 325, 329, 330, 331, 332, 334, 335
#336, 341, 342, 343, 344, 345
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APPENDIX D

NOVATO FIRE PROTECTION DISTRICT FIRE LOSS MANAGEMENT DIVISION

Petros II. Oreig Fire Mundel
September & Markey Pire Chief

Fire Protection Standard 220

VEGETATION/FUELS MANAGEMENT PLAN

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lutisier
Page 1 e 4

This Standard has been developed pursuant to Appendix II A of the Uniform Fire Code, adopted by local Ordinance and Section 4290 and 4291 of the Public Resources Code. Clearance distances, type of vegetation and topographic features influence factors in determining adequate green belts and fire fuel breaks around structures. This methodology is implemented for the primary purpose of providing time for fire suppression personnel and equipment to respond and establish operational tactics and strategies during an ensuing wildland fire.

General

- A. The Vegetation Management Plan referred to hereinafter as the VMP shall be submitted to the Fire Marshal for Review prior to implementation. The VMP shall be submitted in two forms, blue line drawings and text format describing specific and applicable contributing factors in the selection and design of the plan.
- B. The VPM shall include at the minimum; the entire "plan content" elements described in this Standard. Not less than three (3) complete plan sets should be submitted to the Fire District for review. Landscape plans only, will be rejected u less they include a specific outline of the information required by this Standard.

II. VMP Content

- A. Using the Hazard Assessment Matrix in the back of this standard, determine the hazard points of the specific property.
- B. Aspect. This is the direction in which the face of the slope is situated.
- C. Slope. This is the degree of angle on the site that the structure is to be placed.
- D. Fuel. 0-30 feet. Identify from the fuel type list on the hazard assessment matrix what vegetation is mostly represented in the 0 to 30 ft. zone from the proposed structure.
- E. Fuel. 31-100 feet. Identify the fuel type list on the hazard assessment matrix what vegetation type is most represented in the 31 to 100 ft. zone from the proposed structure.
- F. Total the hazard assessment points for each category. This will provide a set of distances that clearance is required around the proposed structure.

NOVATO FIRE PROTECTION DISTRICT FIRE LOSS MANAGEMENT DIVISION Fire Protection Standard 220 Date: 1/72/001 Pereisped by Aller Marshel breise: _____ VEGETATION/FUELS MANAGEMENT PLAN hept <u>2</u> e _ M. Plant List and Selection Py using the Firescape Plant selection list on the University of California Cooperative Extension Phyrophytic vs. Fire Resistant Plants brochure, select use of native, domestic or combination thereof that best suits the architectural and planning design of the proposed project. Slope, soil type, drought resistance should be considered when selecting plant types. Plant Spacing and Crown Separation IV. A. Regardless of plant selection, shrubs should be spaced so that no continuity exists between the ground fuels and tree crowns. B. Tree crowns should be separated by at least 10 feet. Add an additional five feet for every ten (10%) per cent increase in slope. C. Separate individual shrub crowns by at least two times the height or clump shrubs into islands of no greater than 14-ft. diameter. Separate the islands by a distance of no less than two times the canopy height. D. Chipped wood and mulch can provide an excellent thermal barrier, which will help prevent, lost moister in ground fuels. However, shredded bark, sometimes referred to as "monkey hair" is prohibited from use because its high flammability and fire spread characteristics. HAZARD ASSESSMENT MATRIX Hazard 2 Points **Points** sw NB NW SE Aspect 0-10 11-20 21-30 Slope Specimen Hardwood Grees Mostly Mostly Pyrophoric Conifer Conifer Fuel Grass Brush Hardwoods w/brush 0-30 Garden Chaparral undet STOTY Mostly Conifer Puel Mostly Pyrophoric Brush Hardwoods with boush 31-100 Grass Chaparral under story Total Hazard Points Minimum Horizontal Clearance Requirement in feet Hazard Points: 1234567 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 > 30x30x30 ft. 30x30x50 ft 50x50x100 ft.

NOVATO FIRE PROTECTION DISTRICT FIRE LOSS MANAGEMENT DIVISION

Brookspall by <u>JAMM</u> O Perret M. Graig, Fire Marshal	U g
System by	

pility & Marion, Ture Chief

Fire Protection Standard 220

VEGETATION/FUELS MANAGEMENT PLAN

Date:	u
Invision:	
nos 3. v	4

V. Fuel Types:

- A. Specimen Garden: a well-maintained ornamental garden, usually irrigated. Trees and shrubs are well spaced or clustered, thinned and free of deadwood. The lawn is mowed and clean. No pyrophytic plants within 10 ft. of house.
- B. Hardwood (Model 9): Broadleaf (non-pyrophytic) trees such as oaks, maples, ash, etc.
- C. Grass (Model 1): Wild field grass dominates, trees and shrubs occupy less than 1/3 of the area.
- D. Mostly Grass (Model 2): Brush and tree reproduction occupy more than 1/3 and less than 2/3 of the area.
- E. Mostly Brush (Model 5): Brush and tree reproduction occupies 2/3 of the area. Includes young chaparral, coastal scrub and broom stands.
- F. Pyrophytic Hardwoods (Model 12): Broadleaf trees that are high in volatile oils, that produce heavy debris and burn intensely. May have some confers mixed in but the flammable bardwoods dominate the fire behavior.
- G. Chaparral (Model 4): Six foot and taller old, pyrophytic brush with excessive deadwood. Includes mixed chaparral of manzanita, scrub oak, chaparral pea, tall ceanothus, chamise, etc. Often has some young Douglas fir or pines.
- H. Conifer (Model 8): Needleleaf trees typically with heavy litter, low branches and plentiful deadwood. Often mixed with some hardwoods or even pyrophytic hardwoods, but conifers dominated and carry the fire.
- I. Conifer with Brush Understory (Model 10): Pine and Dougias Fir with heavy brush and down & dead branches and suppressed trees in the understory.

VI. Slope Influence on Minimum Defensible Space Clearances

Increasing slopes require increased defensible space clearances to be equally effective. For example, to be equally effective upslope, cross slope, and down slope clearances, around each structure must be increased as percentage of slope increases when compared to level terrain.

Rate of spread, flame length, convective and radiant heat, increase in relation to fuel type, aspect, and percentage of slope factors. Increased defensible space zone radiuses in relation to slope are required around structures through fuel modification and reduction.

Note increased upslope and cross slope defensible space clearance requirements related to increase in slope. Minimum recommended cross slope and upslope increases are shown. Specific terrain may require adjustment:

NOVATO FIRE PROTECTION DISTRICT FIRE LOSS MANAGEMENT DIVISION

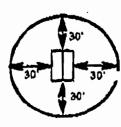


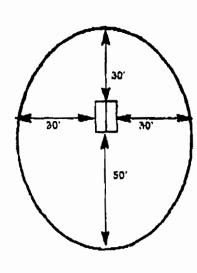
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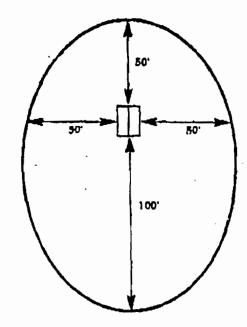
Fire Protection Standard 220

VEGETATION/FUEL\$
MANAGEMENT PLAN

Minimun 30'X30'X30'X30' Minimum 30'X30'X30'X50' Minimum 50'X50'X50'X100'







Level 0-10%

Moderate Slope 11-30% Steep Slope Greater than 30%

VII. References:

APPENDIX E

PHASE I

NC	VATO FIR	RE PROTE	CTION	DISTRIC	FIRE LOS	S MANAGI	EMENT I	avisio	1)
N. S.	Developed by 1	outin Qu	~	Fire Prote	ction Stand	ard 220	Date	72/10	
	Person M. Crus.	to Maria	4	VEGET	TATION/F	UELS	lenkiste	~	_
	Approved by	Zin Chiat	_		GEMENT	•	New _2_	<u> 4</u>	-
m.	Plant List a	nd Selectio	n						
	Extension or combination proposed	n Phyrophy ination ther	rtic vs. l cof that ope, so	Fire Resistan best suits th	nt Plants broc e architectur	iversity of C chure, select al and planni e should be c	use of nating design	ive, dome of the	
IV.	Plant Spaci	ng and Cro	wn Sej	paration					
		•		n, shrubs shad tree crow	-	ed so that no	continuit	y excists	
			-	arated by at l crease in slo		Add an addi	tional five	e fect for	
	than two D. Chipped prevent,	times the of wood and lost moiste y hair" is pr	anopy l mulch c r in gro	height. em provide a urid fuels. H	an excellent owever, shr	the islands by thermal barricded bark, s gh flammabi	er, which ometimes	will help referred t	. !
			HAZA	RD ASSES	SMENT M	ATRIX			
Hazard Points	1	2	3	4	5	6	7	8	Points
Aspect	NB	NW	SE	sw			}		
Slope		0-10		11-20		21-30		31+	
Fuel 0-30	Specimen Garden	Hardwood	Grass	Mostly Grass	Moetly Brush	Pyrophoric Hardwoods Chaparral	Conifer	Conifer w/brush tunder story	
Fuel 31-100	Mostly Grass	Mostly Brush		Pyrophoric Hardwoods Chaparrai	Conifer with bruth under story				
Hazard	Points:	Minimu	m Hori	zontal Clean		otal Hazard P ement in feet		7	
	12345	67	8 9 10 1	1 12 13 14	15 16 17	18 19 20 21 3	22 23 24 2	25 >	
	30x30x3			30x50 ft		x50x100 ft.			
	•								

PHASE II AND III

10()	VATO FIRI								
~ 1	Developed by			Fire Protec	tion Stand	ard 220	Pate: 2/1	2/001	
437	Forrest M. Craig, Fir	e Marshal		VEGET	ATION/F	UELS	Revisioa:		_
	Approved by	Ire Chief	_		SEMENT		Pare 2	1 _2	
III. F	lant List ar	nd Selection	n						
A	Extension or combi proposed	n Phyrophy nation there	tic vs. I of that ope, soi	ire Resistan best suits the	t Plants broc e architectu	niversity of Ca chure, select t ral and planni ee should be c	use of nati ng design	ve, dome of the	
IV. I	Plant Spacii	ng and Cro	wn Sep	aration					
A				n, shrubs she		ced so that no	continuit	y exists	
1				rated by at l crease in slo		. Add an addi	tional five	feet for	
(rowns by at	least two tir	nes the heigh	t or clump	shrubs in	nto
ï	than two D. Chipped prevent,	wood and lost moister y hair" is pr	anopy l mulch c r in gro	height. an provide a und fuels. He	n excellent owever, shr	the islands by thermal barri edded bark, s igh flammabi	a distance er, which ometimes	e of no le will help referred (
	than two D. Chipped prevent, "monkey	wood and lost moistery hair" is printer.	mulch or in gro ohibite	height. an provide a und fuels. He	un excellent owever, shr ecause its h	the islands by thermal barri edded bark, s igh flammabi	a distance er, which ometimes	e of no le will help referred (
Hazard Points	than two D. Chipped prevent, "monkey characte	wood and lost moistery hair" is printer.	mulch c r in gro ohibited	height. an provide a und fuels. He d from use b	un excellent owever, shr ecause its h	the islands by thermal barri edded bark, s igh flammabi	a distance er, which ometimes	e of no le will help referred (
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Hazard Points	than two D. Chipped prevent, "monkey characte	wood and lost moistery hair" is pristics.	mulch con groohibited	tan provide a und fuels. He d from use b RD ASSES:	in excellent owever, shr ecause its h	the islands by thermal barri edded bark, s igh flammabi ATRIX 6	a distance er, which ometimes lity and fi	will help referred to re spread 8 31+ Conifer w/brush under	to as
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Hazard Points Aspect Slope Fuel 0-30	D. Chipped prevent, "monke characte	wood and a lost moistery hair" is pristics.	mulch or in groohibited HAZA SE	neight. an provide a und fuels. He defrom use be to the from use be t	on excellent owever, shr ecause its h SMENT M 5 Mostly Brush Conifer with brush under story	the islands by thermal barri edded bark, s igh flammabi ATRIX 6 21-30 Pyrophoric Hardwoods Chaparral	er, which ometimes lity and fi	will help referred to re spread 8 31+ Conifer w/brush under	to as
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APPENDIX F

Appendix F

The Vegetation Management and Fuel Modification Plan could not be reproduced in a Recordable Form.

A copy of the Plan is on file with the Novato Fire Protection District.