

Date: October 5, 2007

**County of San Diego
Department of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, Ca. 92123**

**North County Fire Protection District
315 Ivy Street
Fallbrook, Ca 92028**

**SUBJECT: Letter Report (Fire Protection)
Sumac TPM
TPM 2107~~8~~⁶
APN-125-030-45**

This Fire Protection Letter Report is being submitted as an evaluation, pursuant to Article 86 of the California Fire Code, of the adverse environmental effects that a proposed project may have from wildland fire and mitigation of those impacts to ensure that the above referenced project does not unnecessarily expose people or structures to significant risk of loss, injury or death involving wildland fires.

Project Description

This Fire Protection Letter Report has been prepared for APN-125-030-45, lot split with 3 resident's development. This letter does not guarantee that the structure will not burn. These are not shelter in place residences.

This project is within the North County Fire Protection District jurisdiction.
The project consists of approximately 13.22 acres.
The Tentative Parcel Map # is APN 125-030-45
The number of lots will be 3 with 1 remaining
The types of occupancies are single-family residences.

Environmental Setting

Location

This project is located within the North County Fire Protection District jurisdiction. The nearest fire station is the station located at 4275 Pala Mesa Dr. which is 1.64 miles away and 3.37 minutes travel time. (NFPA 1142)

Topography

The project is almost flat with a very gentle slop, the surrounding property is similar.

Geology

The project is accessed from Sumac Road. Sumac Road has egress in two directions which circulates to Pala Mesa Drive to the North Sage Road and to the South to the main arteries. All roads are paved and in good condition.

Flammable Vegetation

The majority of the site is a nursery that is maintained annually. The adjoining properties are groves, orchards and some native vegetation.

Climate

The following scenarios are typical of the area and are to be considered worst case assumptions:

Summer

South, Southwest and West wind condition can result in the following fuel moistures.

1-hour fuel moisture.....	4%
10-hour fuel moisture.....	6%
100-hour fuel moisture.....	8%
Live woody fuel moisture.....	80%

Fall

South, Southwest and West wind condition can result in the following fuel moistures.

1-hour fuel moisture.....	2%
10-hour fuel moisture.....	3%
100-hour fuel moisture.....	5%
Live woody Fuel Moisture.....	50%

Santa Ana Wind Condition two to four times a year.

1-hour fuel moisture	2%
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10-hour fuel moisture.....	3%
100- hour fuel moisture.....	5%
Live woody fuel moisture.....	50%

Water Supply

The water supply for this proposed project will come from the existing and proposed water main maintained by the Rainbow Municipal Water District (RMWD). Domestic and fire flow systems will be designed to San Diego County, North County Fire Protection District and RMWD requirements (fire hydrants with 2500 GPM fire flow at 20 PSI residual). The location of hydrants will be shown on the final parcel map.

Landscape Concept

A low fuel, drought tolerant landscape concept has been designed for the proposed slopes. Low fuel, drought tolerant native plant species will be incorporated to the maximum extent possible. A plant species list is included in Appendix A.

The final landscape concept and plant palate shall be reviewed and approved by the San Diego County Department of Planning and Land Use and the North County Fire Protection District. Individual homeowners will be responsible for installing and maintaining their individual front, side and rear yard landscaping. All homeowner installed landscaping must be in accordance with the approved landscape species list.

Landscape Requirements

All landscaping within the fuel modification zones must be approved by the North County Fire Protection District and shall include low fuel, drought tolerant plant species,(see Appendix A) A landscape plan shall be submitted for approval and shall comply with the fuel modification plan.

Mitigation for Structures:

- All new structures shall be equipped with the following interface features;
1. Roofs will be a Class A noncombustible material and shall meet DPLU standards.
 2. Eaves will be of ignition resistive material and boxed.(DPLU 198)
 3. Exterior walls will be a ignition resistive material.(DPLU 664)
 4. All structures and attached garages will be equipped with automatic fire sprinklers (NFPA 13D) as per the San Diego County Consolidated Fire Code. All sprinkler systems shall be approved by the Fire Department prior to installation.
 5. All future outbuildings must be approved by NCFPD prior to installation.

6. Provide the following ignition resistive construction features or meet the County Fire and Building Code requirements for Wildland Urban Interface areas:

- A. Exterior walls of residence and garage to have one-hour fire resistive material (stucco, masonry or approved cement fiberboard. No wood) (DPLU 664)
- B. Any eaves soffits and fascias must comply with ignition resistant construction. (DPLU664)
- C. There shall be no paper faced insulation in the attic or other ventilated spaces.
- D. There shall be no plastic or vinyl on the exterior.
- E. Ventilation: No attic ventilation opening or louvers shall be permitted in soffits or overhanging areas. Attic or foundation ventilation openings or types of ventilation shall be covered with ¼ " mesh corrosion resistant or other approved equivalent protection. All attic ventilation shall comply with requirements of the building code. Vents shall not face any unmodified fuel that is not cleared 100 feet from the structure. All vents and their locations shall be approved by Building Official and the Fire Department.
- F. Exterior doors shall be not less than 20 min. fire rating. Minimum 1¼ inch solid core wood door, or approved non-combustible construction.
- G. All projections shall be of non-combustible or ignition resistive construction, to include the following; exterior balconies, carports, decks, gazebos, patios covers, unenclosed roofs, floors and other outbuildings. Vinyl or plastic material is not allowed. All appendages and or projections from the structure shall be of like construction.
- H. Wood or vinyl fencing or other attached items, the first five feet must be of ignition resistive construction or meet the same standard as the exterior walls of the structure.
- I. Spark arresters shall be installed on all chimneys and other vents on appliances as required per building and fire codes.
- J. Windows are restricted to tempered glass, or dual-pane glass assemblies, or glass block. Vinyl window must have welded corners with metal reinforcing to prevent glass from falling out with flame impingement. Vinyl must be labeled showing ANS/AAMA/NWWDA 101/LS.2-97 Structural requirements.

Defensible Space

A minimum of 100 feet fuel management zone will be established and maintained around all structures 250 square feet in size. No offsite clearing required.

Fire Access Road

The proposed fire access road is designed to allow for egress for the public and fire fighting access for the Fire Department. The fuel modification on or adjacent to the road (16 feet) adds to the reduction of the spread of the fire and is part of the overall fuel modification plan. Turnarounds on all lots shall comply with Appendix B. The driveway onsite will be 16 feet

paved (AC or better) and is accessed off Sumac Road. The driveway will have a turnaround at parcel #2 and Parcel #3. All driveways will support 50,000 lb fire apparatus. No grades will exceed 15%.

Fuel Modification Zone Maintenance Requirements

Fuel modification zones must be maintained in a manner that will fulfill the intent of the fuel modification plan and meet the requirements of the NCFPD. Maintenance will include initial planting, weeding, irrigation installation, maintenance and plant pruning. Removal of dead and down vegetation, and the replacement of plants as required.

Scott Linn 12-5-2007 Lamoythandis consultant
Prepared By Date Printed Name Title

JAD 1/31/08 JAMES A. DOUGLASS
Property Owner (Signature) Date Printed Name

Appendix A

Undesirable Plant List

Acceptable Plants for a Defensible Space In Fire Prone Areas

SUGGESTED PLANT LIST FOR A DEFENSIBLE SPACE

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>Climate Zone</u>
TREES		
Acer		
platanoides	Norway Maple	M
rubrum	Red Maple	M
saccharinum	Silver Maple	M
saccarum	Sugar Maple	M
macrophyllum	Big Leaf Maple	C/ (R)
Alnus rhombifolia	White Alder	C//M (R)
Arbutus		
unedo	Strawberry Tree	All zones
Archontophoenix		
cunninghamiana	King Palm	C
Arctostaphylos spp.**	Manzanita	C//D
Brahea		
armata	Blue Hesper Palm	C/D
edulis	Guadalupe Palm	C/D
Ceratonia siliqua	Carob	C//D
Cerdidium floridum	Blue Palo Verde	D
Cercis occidentalis**	Western Redbud	C//M
Cornus		
nuttallii	Mountain Dogwood	I/M
stolonifera	Redtwig Dogwood	I/M
Eriobotrya		C//D
japonica	Loquat	C
Erythrina caffra	Kaffirboom Coral Tree	I/M
Ginkgo biloba "Fairmount"	Fairmount Maidenhair Tree	I/D/M
Gleditsia triacanthos	Honey Locust	
Juglans		I
californica	California Walnut	C/I
hindsii	California Black Walnut	I/D/M
Lagerstroemia indica	Crape Myrtle	I
Ligustrum lucidum	Glossy Privet	C//M
Liquidambar styraciflua	Sweet Gum	I
Liriodendron tulipifera	Tulip Tree	
Lyonothamnus floribundus		C
ssp. Asplenifolius	Fernleaf Catalina Ironwood	C//D
Melaleuca spp.	Melaleuca	C/I
Parkinsonia aculeate	Mexican Palo Verde	
Pistacia		
chinensis	Chinese Pistache Pistachio Nut	C//D

vera	Pistachio Nut	I
Pittosporum		
phillyraeoides	Willow Pittosporum	C//D
viridiflorum	Cape Pittosporum	C/I
Platanus		
acerifolia	London Plane Tree	All zones
racemosa**	California Sycamore	C//M
Populus		
alba	White Poplar	D/M
fremontii**	Western Cottonwood	I
trichocarpa	Black Cottonwood	I/M
Prunus		
xblireiana	Flowering Plum	M
caroliniana	Carolina Laurel Cherry	C
ilicifolia**	Hollyleaf Cherry	C
lyonii**	Catalina Cherry	C
serrulata 'Kwanzan'	Flowering Cherry	M
yedoensis 'Akebono'	Akebono Flowering Cherry	M
Quercus		
agrifolia**	Coast Live Oak	C/I
engelmannii	Engelmann Oak	I
** suber	Cork Oak	C//D
Rhus		
lancea**	African Sumac	C//D
Salix spp.**	Willow	All zones (R)
Tristania conferta	Brisbane Box	C/I
Ulmus		
parvifolia	Chinese Elm	I/D
pumila	Siberian Elm	C/M
Umbellularia californica**	California Bay Laurel	C/I

SHRUBS

Agave	Century Plant	D
americana	Century Plant	D
deserti	Shawis Century Plant	D
shawi**		
Amorpha fruticosa**	False Indigobush	I
Arbutus		
menziesii**	Madrone	C/I
Arctostaphylos spp.**	Manzanita	C/I/D
Atriplex**		
canescens	Hoary Saltbush	I
lentiformis	Quail Saltbush	D
Baccharis**		
glutinosa	Mule Fat	C/I
pilularis	Coyote Bush	C/I/D
Carissa grandiflora	Natal Plum	C/I
Ceanothus spp.**	California Lilac	C/I/M
Cistus spp.	Rockrose	C/I/D
Cneoridium dumosum**	Bushrue	C
Comarostaphylis**		
diversifolia	Summer Holly	C
Convolvulus cneorum	Bush Morning Glory	C/I/M
Dalea		
orcuttii	Orcutt's Delea	D
spinosa**	Smoke Tree	I/D
Elaeagnus		
pungens	Silverberry	C/I/M
Encelia**		
californica	Coast Sunflower	C/I
farinose	White Brittlebush	D/I
Eriobotrya		
deflexa	Bronze Loquat	C/I
Eriophyllum		
confertiflorum**	Golden Yarrow	C/I
staechadifolium	Lizard Tail	C
Escallonia spp.	Escallonia	C/I
Feijoa sellowiana	Pineapple Guava	C/I/D
Fouquieria splendens	Ocotillo	D
Fremontodendron**		
californicum	Flannelbush	I/M
mexicanum	Southern Flannelbush	I
Galvezia		
juncea	Baja Bush-Snapdragon	C
speciosa	Island Bush-Snapdragon	C
Garrya		
elliptica	Coast Silktassel	C/I
flavescens**	Δshv Silktassel	I/M

Heteromeles arbutifolia**	Ashy Silktassel	I/M
Lantana spp.	Toyon	C/I/M
Lotus scoparius	Lantana	C/I/D
Mahonia spp.	Deerweed	C/I
	Barberry	C/I/M
Malacothamnus		
clementinus		
	San Clemente Island Bush Mallow	C
fasciculatus**		
	Mesa Bushmallow	C/I
Melaleuca spp.		
Mimulus spp.**	Melaleuca	C/I/D
Nolina	Monkeyflower	C/I (R)
parryi		
parryi ssp. wolfii	Parry's Nolina	I
Photinia spp.	Wolf's Bear Grass	D
Pittosporum	Photinia	All Zones
crassifolium		
rhombifolium		C/I/
tobira 'Wheeler'	Queensland Pittosporum	C/I
undulatum	Wheeler's Dwarf	C/I/D
viridiflorum	Victorian Box	C/I
Plumbago auriculata	Cape Pittosporum	C/I
Prunus	Cape Plumbago	C/I/D
caroliniana		
ilicifolia**	Carolina Laurel Cherry	C
lyonii**	Hollyleaf Cherry	C
Puncia granatum	Catalina Cherry	C
Pyracantha spp.	Pomegranate	C/I/D
Quercus	Firethorn	All Zones
dumosa**		
Rhamus	Scrub Oak	C/I
alaternus		
californica**	Italian Blackthorn	C/I
Rhaphiolepis spp.	Coffeeberry	C/I/M
Rhus	Rhaphiolepis	C/I/D
integrifolia**		
laurina	Lemonade Berry	C/I
lentii	Laurel Sumac	C/I
ovata**	Pink-Flowering Sumac	C/D
trilobata**	Sugarbush	I/M
Ribes	squawbush	I
viburnifolium		
speciosum**	Evergreen Currant	C/I
Romneya coulteri	Fuschia-Flowering Gooseberry	C/I/D
Rosa	Matilija Poppy	I
californica**		
minutifolia		

Salvia spp.**	California Wild Rose	C/I
Sambucus spp.**	Baja California Wild Rose	C/I
Symphoricarpos mollis**	Sage	All Zones
Syringa vulgaris	Elderberry	C/I/M
Tecomaria capensis	Creeping Snowberry	C/I
Teucrium fruticans	Lilac	M
Toxicodendron**	Cape Honeysuckle	C/I/D
diversilobum	Bush Germander	C/I
Verbena		
lilacina	Poison Oak	I/M
Xylosma congestum		
Yucca**	Lilac Verbena	C
schidigera	Shiny Xylosma	C/I
whipplei		
	Mojave Yucca	D
	Foothill Yucca	I

GROUNDCOVERS

Achillea**	Yarrow	All Zones
Aptenia cordifolia	Apteria	C
Arctostaphylos spp.**	Manzanita	C/I/D
Baccharis**		
pilularis	Coyote Bush	C/I/D
Ceanothus spp.**	California Lilac	C/I/M
Cerastium tomentosum	Snow-in-Summer	All Zones
Coprosma kirkii	Creeping Coprosma	C/I/D
Cotoneaster spp.	Redberry	All Zones
Drosanthemum hispidum	Rosea Ice Plant	C/I
Dudleya		
brittonii	Brittonis Chalk Dudleya	C
pulverulenta**	Chalk Dudleya	C/I
virens	Island Live Fore-ever	C
Eschscholzia californica**	California Poppy	All Zones
Euonymus fortunei		
'Carrierei'	Glossy Winter Creeper	M
'Coloratus'	Purple-Leaf Winter Creeper	M
Ferocactus viridescens**	Coast Barrel Cactus	C
Gaillardia grandiflora	Blanket Flower	All Zones
Gazania spp.	Gazania	C/I
Helianthemum spp.**	Sunrose	All Zones
Lantana spp.	Lantana	C/I/D
Lasthenia		
californica**	Common Goldfields	I
glabrata	Coastal Goldfields	C
Lupinus spp.**	Lupine	C/I/M
Myoporum spp.	Myoporum	C/I
Pyracantha spp.	Firethorn	All zones
Rosmarinus officinalis	Rosemary	C/I/D
Santolina		
chamaecyparissus	Lavender Cotton	All Zones
virens	Santolina	All Zones
Trifolium frageriferum	O'Connor's Legume	C/I
Verbena		
rigida	Verbena	All Zones
Viguiera laciniata**	San Diego Sunflower	C/I
Vinca		
minor	Dwarf Periwinkle	M

VINES

Antigonon leptopus	San Miguel Coral Vine	C/I
Distictis buccinatoria	Blood-Red Trumpet Vine	C/I/D
Keckiella cordifolia**	Heart-Leaved Penstemon	C/I
Lonicera		
japonica 'Halliana'	Hall's Honeysuckle	All Zones
subspicata**	Chaparral Honeysuckle	C/I
Solanum		
jasminoides	Potato Vine	C/I/D

PERENNIALS

Coreopsis		
gigantea	Giant Coreopsis	C
grandiflora	Coreopsis	All Zones
maritime	Sea Dahlia	C
verticillata	Coreopsis	C/I
Heuchera maxima	Island Coral Bells	C/I
Iris douglasiana**	Douglas Iris	C/M
Iva hayesiana**	Poverty Weed	C/I
Kniphofia uvaria	Red-Hot Poker	C/M
Lavandula spp.	Lavender	All Zones
Limonium californicum		
var. mexicanum	Coastal Statice	C
perezii	Sea Lavender	C/I
Oenothera spp.	Primrose	C/I/M
Penstemon spp.**	Penstemon	C/I/D
Satureja douglasii	Yerba Buena	C/I
Sisyrinchium		
bellum	Blue-Eyed Grass	C/I
californicum	Golden-Eyed Grass	C
Solanum		
xantii	Purple Nightshade	C/I
Zauschneria**		
californica	California Fuschia	C/I
cana	Hoary California Fuschia	C/I
'Catalina'	Catalina Fuschia	C/I

ANNUALS

Lupinus spp.**	Lupine	C/I/M
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UNDESIRABLE PLANT LIST

The following species are highly flammable and should be avoided when planting within the first 50 feet adjacent to a structure. The plants listed below are more susceptible to burning, due to rough or peeling bark, production of large amounts of litter, vegetation that contains oils, resin, wax, or pitch, large amounts of dead material in the plant, or plantings with a high dead to live fuel ratio. Many of these species, if existing on the property and adequately maintained (pruning, thinning, irrigation, litter removal, and weeding), may remain as long as the potential for spreading a fire has been reduced or eliminated.

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>
<u>Abies species</u>	Fir Trees
<u>Acacia species</u>	Acacia (trees, shrubs, groundcovers)
<u>Adenostoma sparsifolium**</u>	Red Shanks
<u>Adenostoma fasciculatum**</u>	Chamise
<u>Agonis juniperina</u>	Juniper Myrtle
<u>Araucaria species</u>	Monkey Puzzle, Norfolk Island Pine
<u>Artemisia californica**</u>	California Sagebrush
<u>Bambusa species</u>	Bamboo
<u>Cedrus species</u>	Cedar
<u>Chamaecyparis species</u>	False Cypress
<u>Coprosma pumila</u>	Prostrate Coprosma
<u>Cryptomeria japonica</u>	Japanese Cryptomeria
<u>Cupressocyparis leylandii</u>	Leylandii Cypress
<u>Cupressus forbesii**</u>	Tecate Cypress
<u>Cupressus glabra</u>	Arizona Cypress
<u>Cupressus sempervirens</u>	Italian Cypress
<u>Dodonea viscosa</u>	Hopseed Bush
<u>Eriogonum fasciculatum**</u>	Common Buckwheat
<u>Eucalyptus species</u>	Eucalyptus
<u>Heterotheca grandiflora**</u>	Telegraph Plant
<u>Juniperus species</u>	Junipers
<u>Larix species</u>	Larch
<u>Lonicera japonica</u>	Japanese Honeysuckle
<u>Miscanthus species</u>	Eulalia Grass
<u>Muehlenbergia species**</u>	Deer Grass
<u>Palmae species</u>	Palms
<u>Picea species</u>	Spruce Trees
<u>Pickeringia Montana**</u>	Chaparral Pea
<u>Pinus species</u>	Pines
<u>Podocarpus species</u>	Fern Pine
<u>Pseudotsuga menziesii</u>	Douglas Fir
<u>Rosmarinus species</u>	Rosemary
<u>Salvia mellifera**</u>	Black Sage
<u>Taxodium species</u>	Cypress
<u>Taxus species</u>	Yew
<u>Thuja species</u>	Arborvitae
<u>Tsuga species</u>	Hemlock
<u>Urtica urens**</u>	Burning Nettle

References: Gordon, H. White, T.C. 1994. Ecological Guide to Southern California Chaparral Plant Series. Cleveland National Forest.

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County of Los Angeles Fire Department. 1998. Fuel Modification Plan Guidelines. Appendix I, Undesirable Plant List, and Appendix II, Undesirable Plant List.

INVASIVE PLANT LIST

The following species are considered invasive (i.e., those capable of reproducing and spreading into native, non-irrigated areas and displacing those communities). Non-native plant species are prohibited in all areas adjacent to open space lands. Noxious weeds that have been introduced to San Diego County over the years tend to be more widespread and therefore more difficult to contain. The plants listed below have been identified as invasive and/or as noxious weeds and should not be planted or allowed to sprout in any transitional landscapes (landscapes planted with non-native species next to undeveloped areas).

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>
<u><i>Ailanthus altissima</i></u>	Tree of Heaven
<u><i>Anthemis cotula</i></u> ***	Mayweed, Stinking Chamolile
<u><i>Arctotheca calendola</i></u>	Cape Weed
<u><i>Arundo donax</i></u>	Giant Cane
<u><i>Atriplex semibaccata</i></u>	Australian Saltbush
<u><i>Brassica species</i></u> ***	Mustard
<u><i>Cardaria draba</i></u> ***	Hoary Cress, Perennial Peppergrass
<u><i>Carpobrotus edulis</i></u>	Ice Plant
<u><i>Centaurea solstitialis</i></u>	Yellow Starthistle
<u><i>Cirsium vulgare</i></u> ***	Wild Artichoke
<u><i>Conium maculatum</i></u>	Poison Hemlock
<u><i>Conyza Canadensis</i></u> ***	Horseweed
<u><i>Cortaderia selloana</i></u>	Pampas Grass
<u><i>Cotoneaster lacteus</i></u>	Cotoneaster
<u><i>Cupressus macrocarpa</i></u>	Monterey Cypress
<u><i>Cynara cardunculus</i></u> ***	Artichoke Thistle
<u><i>Cytisus species</i></u>	Scotch Broom, French Broom, etc
<u><i>Elaeagnus angustifolia</i></u>	Russian Olive
<u><i>Eucalyptus globulus</i></u>	Eucalyptus Blue Gum
<u><i>Gensifa species</i></u> ***	Broom
<u><i>Hedera helix</i></u>	English Ivy
<u><i>Hypericum perforatum</i></u>	St. John's Wort
<u><i>Ilex aquifolium</i></u>	English Holly
<u><i>Lactuca serriola</i></u> ***	Prickly Lettuce
<u><i>Lepidium latifolium</i></u>	Perennial Pepperweed
<u><i>Myoporum parvifolium</i></u>	Trailing Myoporum
<u><i>Nerium oleander</i></u>	Oleander
<u><i>Nicotiana species</i></u>	Tree Tobacco
<u><i>Olea europaea</i></u>	Olive
<u><i>Pennisetum setaceum</i></u>	Fountain Grass
<u><i>Ricinus communis</i></u>	Castor Bean
<u><i>Robinia pseudoacacia</i></u>	Black Locust
<u><i>Salsola australis</i></u> ***	Russian Thistle, Tumbleweed
<u><i>Schinus molle</i></u>	California Pepper
<u><i>Schinus terebinthifolius</i></u>	Brazilian Pepper
<u><i>Silybum marianum</i></u> ***	Milk Thistle
<u><i>Spartium junceum</i></u>	Spanish Broom

Tamarix species

Ulex europea***

Vinca major

Tamarisk

Gorse

Periwinkle

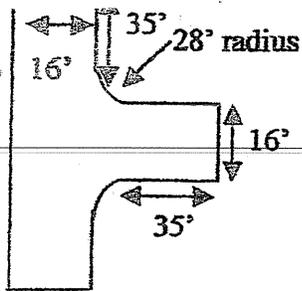
*** Introduced Weeds to San Diego County

References: Bell, Carl, Regional Advisor – Invasive Plants. 2004. University of California Cooperative Extension.

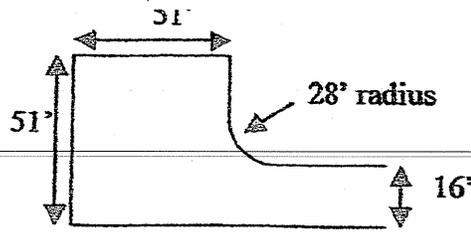
California Exotic Pest Plant Council. October, 1999. Exotic Pest Plants of Greatest Ecological Concern in California. Most Invasive Wildland Pest Plants. www.caleppc.org/info/99lista.html.

Appendix B

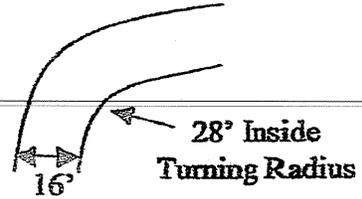
Fire Apparatus Turnaround Configurations



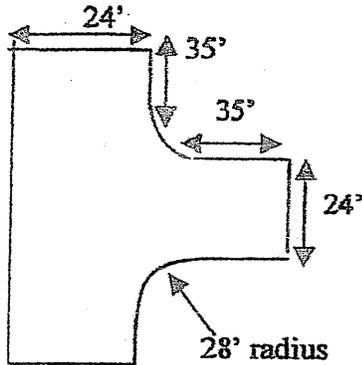
Private Driveway Hammerhead



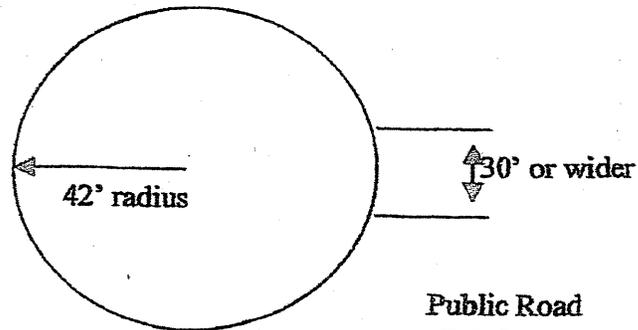
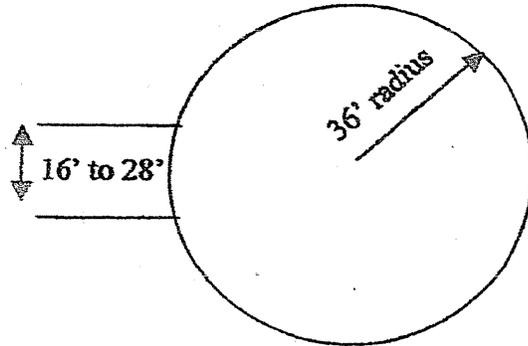
Alternate Private Driveway Hammerhead



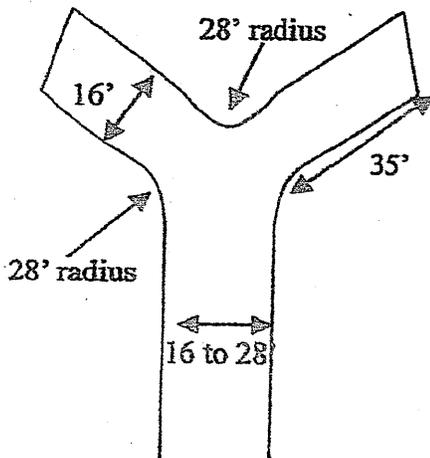
Private Road or Driveway Cul-de-sac



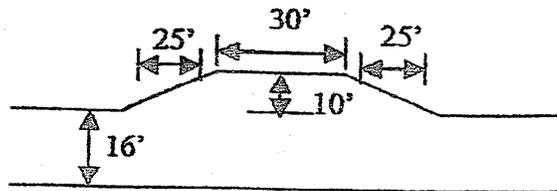
Private Road Hammerhead



Public Road Cul-de-sac



Hammerhead Incorporating Radius

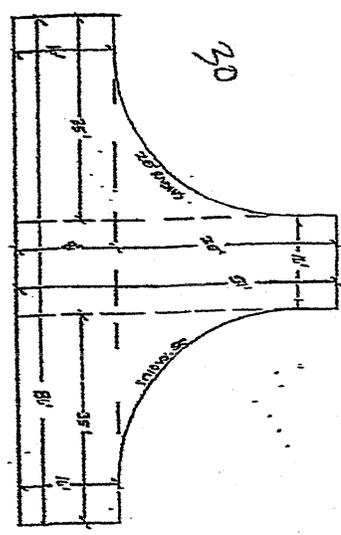
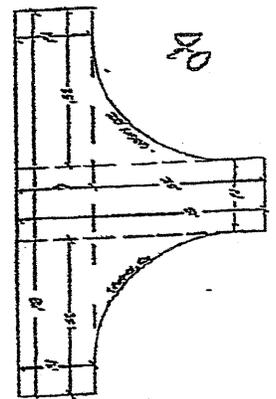
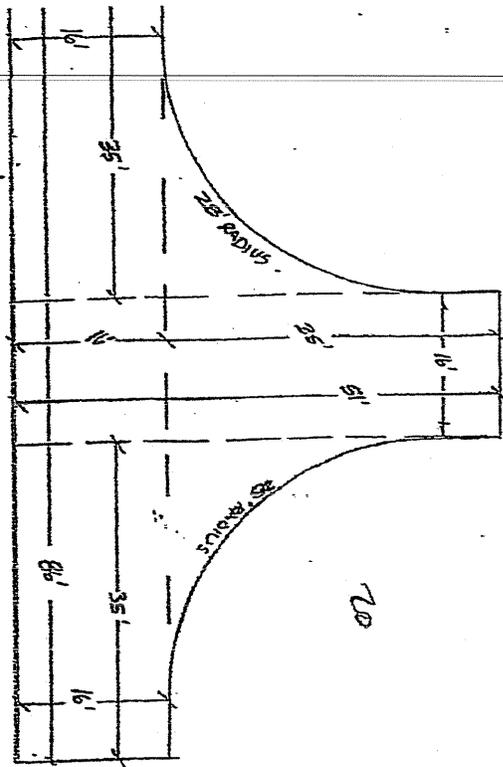
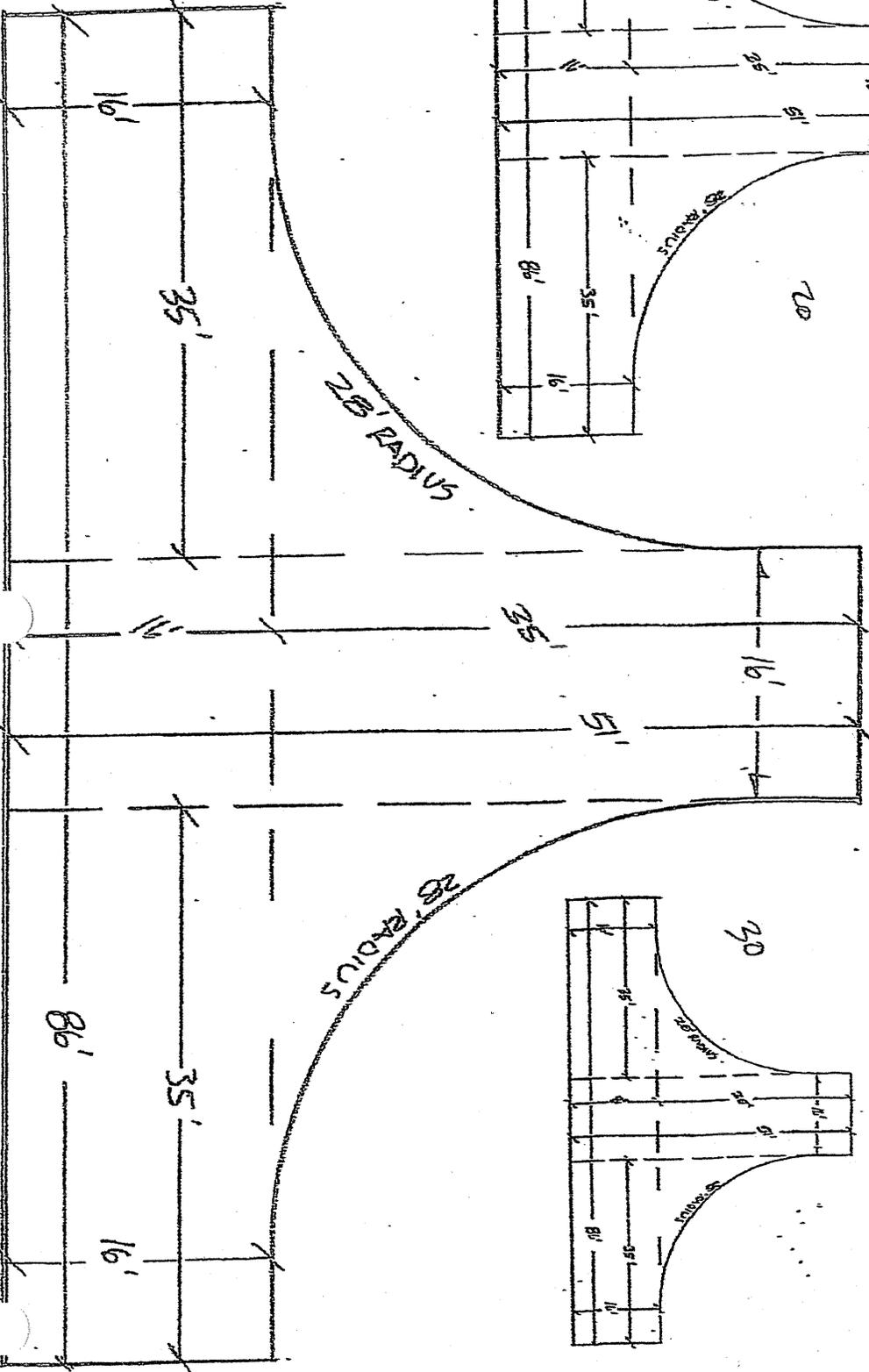


Turnout—Required for driveways In excess of 300-400'

****NOT TO SCALE****

(OVER)

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BOARD OF DIRECTORS
LORI A. GRAHAM
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LOREN A. STEPHEN-PORTER - Board Secretary

June 3, 2008

County of San Diego
Dept. of Planning & Land Use
5201 Ruffin Rd. Ste. B
San Diego, CA 92123-1666

Re: APN 125-030-45, TPM 21076

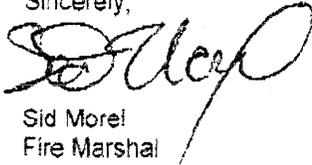
Please review the following comments pertaining to fire protection for this proposed development:

The Fire Protection Plan presented to this agency by Lamont Landis is approved. This is a short form fire protection plan for TPM 21076 and is dated October 5, 2007. The plan is acceptable based on the current nursery operation on site and very little native vegetation. The parcel is also surrounded by developed and well maintained agricultural and residential operations.

- Roadway and hydrants to be installed and serviceable prior to issuance of building permits.

Should you have any questions, please contact me at (760) 723-2015.

Sincerely,



Sid Morel
Fire Marshal

