FUEL MODIFICATION PLANT PALETTE

TREES

Scientific Name	Common Name
Alnus rhombifolia	White Alder
Eriobotrya japonica	Loquat
Heteromles arbutifolia	Toyon
Juglans californica	California Black Walnut
Lagerstromeia indica 'Tuskogee'	Crape Myrtle, Multi Trunk
Lagerstromeia indica 'Watermelon red'	Crape Myrtle, Multi Trunk
Lagerstromeia indica 'Samuel Sommer"	Crape Myrtle, Multi Trunk
Pistacia chinensis	Chinese Pistache
Platanus racemosa	California Sycamore
Quercus agrifolia	Coast Live Oak
Quercus ilex	Holly Oak
Quercus kelloggii	California Oak
Quercus suber	Cork Oak
Rhus lancea	African Sumac
Ulmus parvifolia	Chinese Evergreen Elm

SHRUBS

Scientific Name	Common Name
Abelia grandiflora 'Edward Goucher'	Glossy Abelia
Anigozanthos flavidus	Kanga Roo Paw
Baccharis salicifolia	Mulefat
Baccharis pilularis var.	Coyote Bush
Bougainvillea 'San Diego Red'	Bougainvilla
Carpenteria californica	Bush Anemone
Ceanothus 'Dark Star'	Wild Lilac
Ceanothus 'Julia Phelps'	Wild Liloac
Cistus 'sunset'	Sunset Rock Rose
Cistus purpureus	Orchid Rock Rose
Cotoneaster horizontalis	Rock Cotoneaster
Echium candicans	Pride of Maderia
Escallonia fradesii 'Pink'	Escallonia
Euonymus fortunei	Euonymus
Heteromeles arbutifolia	Toyon
Feijoa sellowiana	Pineapple Guava
Grevillea 'Noellii'	Grevillea
Lavandula dentata	French Lavender
Lavandula stoechas 'Otto Quast'	Spanish Lanvender
Ligustrum japonicum	Texis Privet
Lonicera subspicata	Honeysuckle
Lotus scoparius	Deerweed
Lupine bicolor	Lupine
Malacothamnus fasciculatus	Chapparal Mallow
Mahonia 'Golden Abundance'	Mahonia
Mimulus aurantiacus	Sticky Monkey Flower
Opuntia spp.	Prickly Pear
Photinia fraseri	Red Tip Photinia
Pennsietum setaceum 'Little Bunny'	Dwarf Red Fescue
Pittosporum tobira	Tobira
Prunus caroliniana 'Bright n Tight'	Flowering Plum
Pyracantha species	Firethorn
Rhaphiolepis indica 'Dancer'	Indian Hawthorn
Rhus integrifolia	Lemonade Berry
Rhus ovata	Sugar Bush
Ribes indecorum	White-flowered Currant
Romneya coulteri	Matilija Poppy
Rosmarinus officinalis	Rosemary
Trachelospermum jasminoides	Star Jasmine
Trichostema lanatum	Wholly Blue Curls
Viburnum japonicum	Japanese Viburnum
Xylosma congestum	Shiny Xylosma

GROUDCOVERS

Scientific Name	Common Name
Baccharis pilularis	Twin Peaks #2
Bougainvilla 'Oh la la'	Bougainvilla
Ceanothus griseus horizontalis	Yankee Point
Frankenia salina	Alkali Heath
Hypericum calycinum	St. John's Wart
Lantana sp.	Lantana
Lonicera japonica 'Halliana'	Hall's Honeysuckle
Myoporum parvifolium 'Pink'	Pink Myoporum
Myoporum "pacificum"	Myoporum
Pelargonium peltatum	Ivy Geranium
Sisyrinchium bellum	Blue Eyed Grass
Trachelospermum jasminodes	Star Jasmine

VINES

Scientific Name	Common Name
Ficus pumilla	Creeping Fig
Gelsemium sempervirens	Carolina Jessamine
Parthenocissus tricuspidata	Boston Ivy

HYDROSEED MIX

Scientific Name	Common Name
Clarkia bottae	Farewell To Spring
Eschscholzia californica	California Poppy
Encelia californica	California Encelia
Eriophyllum confertiflorum	No Common Name
Gnaphalium californicum	California Everlasting
Lasthenia californica	Dwarf Goldfields
Lupinus bicolor	Lupine
Mimulus aurantiacus	Bush Monkeyflower
Nemophila menziesii	Baby Blue Eyes
Plantago erecta	Dwarf Plantain

NOTE:
GROUNDCOVER NOT TO EXCEED 18" IN HEIGHT PER CITY OF SAN BERNARDINO STANDARDS.

TREE AND SHRUB LOCATIONS WITHIN THE FUEL MODIFICATION ZONE "B" AND "PLANT PALETTE ZONE" ARE NOT EXACT AND ARE ONLY MEANT TO DISPLAY TREE AND SHRUB SPACING REQUIREMENTS PER THE DETAIL 'TREE AND TREE-FORM SHRUB PRUNING AND SPACING FOR NEW PLANTINGS AND THINNING ZONES' - SEE SHEET 2 FOR SAID DETAIL

SYMBOL LEGEND

NON-COMBUSTIBLE WALL LOCATIONS:
WALLS SHOWN TO BE NON-COMBIUSTIBL PER DETAILS PROVIDED ON THIS PLAN. WALL LOCATIONS SHOWN ARE FOR REFERANCE ONLY. ACTUAL WALL AND FENCE LOCATIONS AND DESIGN TO BE PROVIDED BY THE LANDSACPE ARCHITECT.

FUEL MODIFICATION SECTIONS
REFER TO SHEET 2 FOR FUEL MODIFICATION SECTIONS

CONSTRUCTION FEATURE LEGEND

FOOTHILL FIRE ZONE BUILDING STANDARDS :
ALL STRUCTURES ON LOTS WITHIN 200' OF THE FUEL MODIFICATION EDGE SHALL RECEIVE "ENHANCED CONSTRUCTION" ON ALL FOUR (4) SIDES PER SAN BERNARDINO MUNICIPAL CODE CHAPTER 15.10 AND 19.15 OR 2007 CALIFORNIA BUILDING CODE CHAPTER 7A AND 2007 CALIFORNIA FIRE CODE CHAPTER 47, WHICH EVER CODE IS MORE RESTRICTIVE AT TIME OF CONSTRUCTION

ROOFING AND VENTING AND RAIN GUTTER REQUIREMENTS:
ALL STRUCTURES ON LOTS WITHIN IN THE PROJECT BEYOND THE 200' FOOTHILL FIRE ZONE SHALL RECEIVE "ENHANCED CONSTRUCTION" ON ALL FOUR (4) SIDES PER 2007 CALIFORNIA BUILDING CODE CHAPTER 7A REGARDING ROOFING, VENTING AND RAIN GUTTERS ONLY.

LOT WITH LESS THAN 170' OF FUEL MODIFICATION ON SITE (LOT 30 AND 233):
LOT 30 AND 233 ARE CURRENTLY NON - BUILDABLE AND NO DEVELOPMENT ON THESE LOTS SHALL OCCUR UNLESS EITHER THE OFF-SITE FUEL MODIFICATION IS PROVIDED WITH EASEMENTS FOR MAINTENANCE OR IF THE ADJOINING PROPERTY IS DEVELOPED AND THE OFF-SITE FUEL MODIFICATION ZONE C IS NOT REQUIRED.

FUEL MODIFICATION LEGEND

ZONE A (FLAT) - NON-COMBUSTIBLE CONSTRUCTION
20'-0" - 35'-0" SETBACK ZONE FOR NON-COMBUSTIBLE CONSTRUCTION ONLY. ZONE A SHALL BE MAINTAINED BY THE HOMEOWNER, IF THE A ZONE FALLS ON THEIR PROPERTY, OR THE LMD.

ZONE B - WET ZONE (100% REMOVAL OF UNDESIRABLE PLANT SPECIES AS SHOWN ON THIS PLAN)
FIRST 50'-0" - 200'-0" FROM ZONE A. ZONE B SHALL BE PERMANENTLY IRRIGATED, FULLY LANDSCAPED WITH APPROVED DROUGHT TOLERANT, DEEP ROOTED, MOISTURE RETENTIVE MATERIAL AS CONTAINER SHRUB MATERIAL OR HYDROSEEDED PER SBFD APPROVED PLANT LIST AS SHOWN ON THIS PLAN. HANDSEEDING OF BARE AREAS MAY NEED TO BE PERFORMED SIX MONTHS AFTER HYDROSEEDING ESTABLISHMENT PERIOD. ZONE B AREA SHALL BE MAINTAINED BY THE LMD.

ZONE C - DRY ZONE (50% THINNING ACCEPTABLE EXISTING)
40'-0" - 185'-0" ZONE C SHALL BE A NON-IRRIGATED AREA. REMOVAL OF ALL FLAMMABLE UNDESIRABLE SPECIES AS LISTED ON THIS PLAN. SPECIMEN AND TREES SHALL BE RETAINED AS DIRECTED BY THE OWNER'S REPRESENTATIVE BUT MUST BE THINNED A MINIMUM OF 50% INCLUDING REMOVAL OF ALL LOW HANGING FOLIAGE WITHIN (3X) THREE TIMES THE HEIGHT OF THE UNDERSTORY SHRUBS OR (10)-TEN FEET, WHICHEVER IS GREATER, ALONG WITH DEAD OR BROKEN BRANCHES. ALL ACCUMULATED PLANT DEBRIS ON THE GROUND SHALL BE REMOVED. ZONE C AREA SHALL BE MAINTAINED BY THE LMD. NOTE THIS PROJECT DOES NOT CONTAIN ANY 30% THINNING D ZONES.

OFF-SITE ZONE C - DRY ZONE (50% THINNING ACCEPTABLE EXISTING)
THIS OFF-SITE FUEL MODIFICAITON FOR LOTS 30 AND 233 SHALL BE PROVIDED TO MEET THE REQUIRED 170' OF FUEL MODIFICATION AND SHAL COMPLY WITH ALL THE REQUIREMETNS FOR ZONE C. EASEMENTS SHALL BE REQUIRED FOR MAINTENANCE OF THIS AREA. IF THE ADJOINING PROPERTY IS DEVELOPED PRIOR TO THE DEVELOPMENT OF THIS PROJECT THEN THE OFF-SITE FUEL MODIFICATION WILL NOT BE REQUIRED.

ROADSIDE BRUSH CLEARANCE
10' - 20', AS SHOW ON THIS PLAN, REMOVAL OF ALL UNDESIRED PLANT SPECIES AND THINNING OF AT LEAST 50% OF ALL EXISTING VEGETATION FROM CURB FACE. ANY PLANT MATERIAL INSTALLED MUST BE FULLY IRRIGATED AND FROM THE SBFD APPROVED PLANT LIST. TO BE MAINTAINED BY EXISTING HOMEOWNER OR LMD.

FUEL MODIFICATION PLANT PALETTE ZONE
PLANT MATERIAL WITHIN THIS ZONE MUST BE ON APPROVED PLANT PALETTE. NO PLANT MATERIAL FROM THE REMOVAL PLANT LIST SHALL BE ALLOWED IN THIS ZONE. AREA SHLL BE IRRIGATED. THIS ZONE MUST BE MAINTAINED PER THE MAINTENANCE STANDARDS SET FORTH ON THIS PLAN.

BRUSH CLEARANCE
50' BRUSH CLEARANCE SHALL CONSIST OF REMOVAL OF ALL DEAD, DYING SHRUBS AND ALL PLANT MATERIAL FROM THE UNDESIRABLE PLANT LIST AROUND WATER TANKS, MAINTAINED BY THE LMD.

IRRIGATED MANUFACTURED SLOPE
PLANTED AND IRRIGATED MANUFACTURED SLOPE. MAINTAINED ON YEAR ROUND BASIS.

BUILDING SET BACK
25' - 50' BUILDING SETBACK NO COMBUSTIBLE CONSTRUCTION ALLOWED. PLANTING MATERIAL MUST BE FROM THE APPROVED FUEL MODIFICATION PLANT PALETTE ONLY AND MAINTAINED PER THE FUEL MODIFICATION GUIDELINES SET FORTH ON THIS PLAN

* MAINTENANCE OF ALL ZONES WITHIN THIS LEGEND SHALL BE PER MAINTENANCE REQUIREMENTS ON SHEET 2

SCALE: 1" = 120'-0"
0 120 240 360 480
NORTH

SPRING TRAILS	PLAN SET: "F"
PLAN CONTROL	DATE: 07/28/2011

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PRECISE FUEL MODIFICATION PLAN
SPRING TRAILS
CITY OF SAN BERNARDINO, CA
SAN BERNARDINO CITY FIRE DEPARTMENT

SHEET 1 OF 2

PDC/SPRING TRAILS LLC - SPRING TRAILS - PRECISE FUEL MODIFICATION

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S:\Martin Ranch\Cad Files\MartinRanch-FuelMod-2010-08-02.dwg ,Jerry Canales Plot date: July 28, 2011