

# Appendix O

## **Fuel Modification Plan**







# COUNTY OF LOS ANGELES FIRE DEPARTMENT

FUEL MODIFICATION UNIT  
605 NORTH ANGELENO AVENUE  
AZUSA, CA 91702  
(626) 969-5205

[www.fire.lacounty.gov/forestry-division/forestry-fuel-modification/](http://www.fire.lacounty.gov/forestry-division/forestry-fuel-modification/)

*"Proud Protectors of Life, Property, and the Environment"*

## BOARD OF SUPERVISORS

HILDA L. SOLIS  
FIRST DISTRICT

MARK RIDLEY-THOMAS  
SECOND DISTRICT

SHEILA KUEHL  
THIRD DISTRICT

JANICE HAHN  
FOURTH DISTRICT

KATHRYN BARGER  
FIFTH DISTRICT

DARYL L. OSBY  
FIRE CHIEF  
FORESTER & FIRE WARDEN

August 27, 2021

Ian Harvey  
500 Newport Center Drive, Suite 570  
Newport Beach, CA 92660

Dear Mr. Harvey:

### **FUEL MODIFICATION PLAN – CROOKED CREEK DRIVE S. TERMINUS, DIAMNOND BAR PARCEL # 8714-028-003 FM PROJECT # 8902 – FFFM # NA**

The Preliminary Fuel Modification Plan has been reviewed. The project is approved in concept and needs to be resubmitted for final review and approval prior to granting building permits.

Questions regarding this response should be directed to the Fuel Modification Unit. Office hours are Monday through Thursday, from 8:00 a.m. to 4:00 p.m. for plan submittal and general questions. Plan checkers are available 8:00 a.m. to 10:00 a.m. and by appointment. The Fuel Modification Unit may be reached at (626) 969-5205.

Very truly yours,

KEVIN T. JOHNSON, ASSISTANT CHIEF, FORESTRY DIVISION  
PREVENTION SERVICES BUREAU

LP:bw

Enclosures

#### SERVING THE UNINCORPORATED AREAS OF LOS ANGELES COUNTY AND THE CITIES OF:

AGOURA HILLS  
ARTESIA  
AZUSA  
BALDWIN PARK  
BELL  
BELL GARDENS  
BELLFLOWER  
BRADBURY

CALABASAS  
CARSON  
CERRITOS  
CLAREMONT  
COMMERCE  
COVINA  
CUDAHY  
DIAMOND BAR  
DUARTE

EL MONTE  
GARDENA  
GLENDALE  
HAWAIIAN GARDENS  
HAWTHORNE  
HERMOSA BEACH  
HIDDEN HILLS  
HUNTINGTON PARK






INDUSTRY  
INGLEWOOD  
IRVINDALE  
LA CANADA-FLINTRIDGE  
LA HABRA  
LA MIRADA  
LA PUENTE  
LAKEWOOD  
LANCASTER

LAWNDALE  
LOMITA  
LYNWOOD  
MALIBU  
MAYWOOD  
NORWALK  
PALMDALE  
PALOS VERDES ESTATES

PARAMOUNT  
PICO RIVERA  
POMONA  
RANCHO PALOS VERDES  
ROLLING HILLS  
ROLLING HILLS ESTATES  
ROSEMEAD  
SAN DIMAS  
SANTA CLARITA

SIGNAL HILL  
SOUTH EL MONTE  
SOUTH GATE  
TEMPLE CITY  
WALNUT  
WEST HOLLYWOOD  
WESTLAKE VILLAGE  
WHITTIER



PRELIMINARY PLANT PALETTE:						
BOTANICAL NAME COMMON NAME	CONTAINER SIZE	HEIGHT x WIDTH GROWTH	COMMENTS	W.U.C.O.L.S. REGION 3	QTY.	
ALL PLANT MATERIAL PER COUNTY OF LOS ANGELES FIRE DEPARTMENT APPROVED PLANT PALETTE LIST						
TREES:						
 TRISTANIA CONFERTA BRISBANE BOX	15 GAL.	30' x 25' MEDIUM	STD.	MED.	16	
 PYRUS CALLERYANA BRADFORD PEAR	48" BOX	35' x 30' MEDIUM	STD.	MED.	11	
 OLEA EUROPA 'FRUITLESS' FRUITLESS OLIVE	48" BOX	50' x 70' SLOW	STD.	LOW	23	
 JUGLAN CALIFORNICA CALIFORNIA BLACK WALNUT (PLANTED AS 1 GALLON)	1 GAL.	50' x 70' SLOW	STD.	LOW	200	
 QUERCUS AGRIFOLIA COAST LIVE OAK	24" BOX	70' x 80' SLOW	STD./MULTI.	VERY LOW	12	
LARGE SHRUBS:						
PHORUM SPP. NEW ZEALAND FLAX	5 GAL.	3' x 5' MEDIUM	-	LOW		
ARBUTUS 'COMPACTA' DWARF STRAWBERRY TREE	5 GAL.	10' x 10' MEDIUM	LOW BRANCHING	LOW		
CRASSULA SPP. CRASSULA	5 GAL.	4' x 5' MEDIUM	-	LOW		
ALYOGYNE HUEGELII BLUE HIBISCUS	5 GAL.	8' x 8' MEDIUM	-	LOW		
MEDIUM SHRUBS:						
CARISSA SPP. NATAL PLUM	5 GAL.	2' x 3' MEDIUM	SHRUB	LOW		
GARDENIA SPP. GARDENIA	5 GAL.	3' x 2' MEDIUM	SPREADING	LOW		
PITTOSPORUM 'WHEELERS' DWARF' DWARF PITTOSPORUM	5 GAL.	3' x 2' MEDIUM	SHRUB	LOW		
SPREADING SHRUBS / GROUNDCOVER:						
MYOPORUM PARVIFOLIUM NCN	1 GAL.	1' x 4' MEDIUM	SPREADING	LOW		
CARISSA MACRO 'GREEN CARPET' LOW GROWING NATAL PLUM	1 GAL.	1' x 4' MEDIUM	SPREADING	LOW		
FESTUCA RUBRA RED FESCUE	5 GAL.	1' x 2' MEDIUM	SPREADING	LOW		
ROSMARINUS 'PROSTRATUS' TRAILING ROSEMARY	1 GAL.	1' x 10' MEDIUM	SPREADING	LOW		
HERNIARIA GLABRA GREEN CARPET	1 GAL.	1' x 5' MEDIUM	SPREADING	LOW		
ACCENT SHRUBS:						
AGAVE ATTENUATA FOXTAIL AGAVE	5 GAL.	5' x 5' SLOW	-	VERY LOW		
AGAVE GEMINIFLORA TWIN FLOWERED AGAVE	5 GAL.	3' x 3' SLOW	-	VERY LOW		
AGAVE 'BLUE FLAME' BLUE FLAME AGAVE	5 GAL.	3' x 4' SLOW	-	VERY LOW		
CLIMBING VINE ON RETAINING WALLS:						
ROSMARINUS 'PROSTRATUS' TRAILING ROSEMARY	1 GAL.	1' x 5' MEDIUM	SPREADING	LOW		
BOUGAINVILLEA SPP.	1 GAL.	1' x 5' MEDIUM	SPREADING	LOW		
FICUS PUMILA	1 GAL.	1' x 5' MEDIUM	CLIMBING	LOW		

REQUIRED MIX OF PLANT MATERIALS:		
PLANT MATERIAL	REQUIRED PERCENTAGE OF MIX	
TREES:	Total Trees For calculation = 92	
24" BOX (OR LARGER) 15 GALLON	20% = 19 80%	35 PROVIDED 15 PROVIDED 35
1 GAL. TREES: CALI. BLACK WALNUT		200 PROVIDED
SHRUBS: 5 GALLON 1 GALLON	73% 27%	235 TOTAL PROVIDED
GROUNDCOVER: COVERAGE WITHIN 2 YEARS	100%	

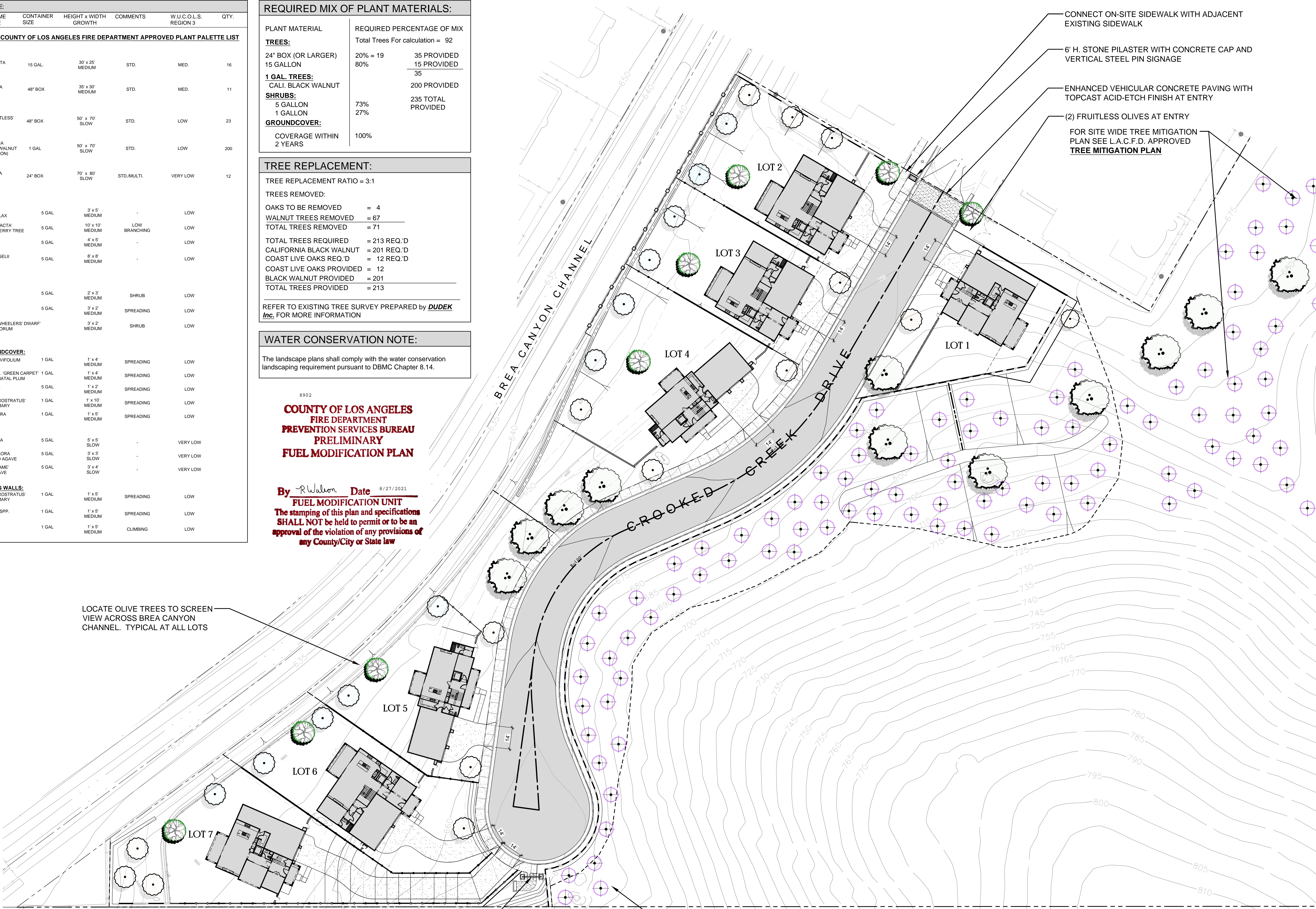
TREE REPLACEMENT:	
TREE REPLACEMENT RATIO = 3:1	
TREES REMOVED:	
OAKS TO BE REMOVED	= 4
WALNUT TREES REMOVED	= 67
TOTAL TREES REMOVED	= 71
TOTAL TREES REQUIRED	= 213 REQ.'D
CALIFORNIA BLACK WALNUT	= 201 REQ.'D
COAST LIVE OAKS REQ.'D	= 12 REQ.'D
COAST LIVE OAKS PROVIDED	= 12
BLACK WALNUT PROVIDED	= 201
TOTAL TREES PROVIDED	= 213
REFER TO EXISTING TREE SURVEY PREPARED BY <b>DUDEK Inc.</b> FOR MORE INFORMATION	

WATER CONSERVATION NOTE:	
The landscape plans shall comply with the water conservation landscaping requirement pursuant to DBMC Chapter 8.14.	

8902

COUNTY OF LOS ANGELES  
FIRE DEPARTMENT  
PREVENTION SERVICES BUREAU  
PRELIMINARY  
FUEL MODIFICATION PLAN














By R. Watson Date 8/27/2021  
FUEL MODIFICATION UNIT  
The stamping of this plan and specifications  
SHALL NOT be held to permit or to be an  
approval of the violation of any provisions of  
any County/City or State law



PRELIMINARY LANDSCAPE - SITE ILLUSTRATIVE

CROOKED CREEK AMENDED TENTATIVE TR. 54081  
DIAMOND BAR - CALIFORNIA



PRELIMINARY SHRUB & GROUNDCOVER PLANT PALETTE:					
BOTANICAL NAME COMMON NAME		CONTAINER SIZE	HEIGHT x WIDTH GROWTH	COMMENTS	W.U.C.O.L.S. REGION 3
<b>SHRUBS:</b>					
SYMBOL					
Liriope spicata					
	PHORUM SPP. NEW ZEALAND FLAX	5 GAL	5' x 5' MEDIUM	LOW BRANCHING	LOW
	LIRIOPE SPICATA CREEPING LILY TURF	5 GAL	1' x 3' MEDIUM	SPREADING	LOW
	ACHILLEA TOMENTOSA WOOLLY YARROW	5 GAL	1' x 2' MEDIUM	-	LOW
	DIETES BICOLOR / IRIODES FORTNIGHT LILY	5 GAL	2' x 2' MEDIUM	-	LOW
	LIRIOPE MUSCARI LILY TURF	5 GAL	2' x 2' SLOW	-	LOW
	DELOSPERMA 'Table Mountain' TRAILING ICE PLANT	5 GAL	5' x 2' MEDIUM	SPREADING	LOW
<b>SPREADING SHRUBS / GROUNDCOVER:</b>					
SYMBOL					
1	SEDUM SPP. STONECROP SPECIES	5 GAL	5' x 2' MEDIUM	SPREADING	LOW
2	THYMUS SPECIES CREEPING THYME	5 GAL	5' x 2' MEDIUM	SPREADING	LOW
3	VINCA MINOR DWARF PERIWINKLE	5 GAL	5' x 3' MEDIUM	SPREADING	LOW
4	TRACHELOSPERMUM JASMINOIDES STAR JASMINE	5 GAL	2' x 8' MEDIUM	SPREADING	MEDIUM
<b>SPREADING SHRUBS / GROUNDCOVER:</b>					
SYMBOL					
5	MYOPORUM PARVIFOLIUM NCH	FLATS	1' x 4' MEDIUM	SPREADING	LOW
6	CARISSA MACRO, 'GREEN CARPET' LOW GROWING NATAL PLUM	FLATS	1' x 4' MEDIUM	SPREADING	LOW
7	FESTUCA RUBRA RED FESCUE	FLATS	1' x 2' MEDIUM	SPREADING	LOW
8	ROSEMARY OFFICIALIS TRAILING ROSEMARY	FLATS	1' x 10' MEDIUM	SPREADING	LOW
9	HERNIARIA GLABRA GREEN CARPET	FLATS	1' x 5' MEDIUM	SPREADING	LOW
<b>ACCENT SHRUBS:</b>					
SYMBOL					
	AGAVE ATTENUATA FOXTAIL AGAVE	5 GAL	5' x 5' SLOW	-	VERY LOW
	AGAVE GEMINIFLORA TWIN FLOWERED AGAVE	5 GAL	3' x 3' SLOW	-	VERY LOW
	AGAVE 'BLUE FLAME' BLUE FLAME AGAVE	5 GAL	3' x 4' SLOW	-	VERY LOW
<b>CLIMBING VINE ON RETAINING WALLS:</b>					
SYMBOL					
	FICUS PUMILA	1 GAL	1' x 5' MEDIUM	CLIMBING	LOW
<b>PLANTING ON VERDURA WALLS:</b>					
SYMBOL					
	ROSMARINUS 'PROSTRATUS' TRAILING ROSEMARY	1 GAL	1' x 5' MEDIUM	SPREADING	LOW
	BOUGAINVILLEA SPP.	1 GAL	1' x 5' MEDIUM	SPREADING	LOW
<b>VERTICAL ACCENT BETWEEN VERDURA WALLS:</b>					
SYMBOL					
	TRISTANIA CONFERTA 'ELEGANT' BRISBANE BOX	15 GAL	15' x 25' MEDIUM	STD.	MED.

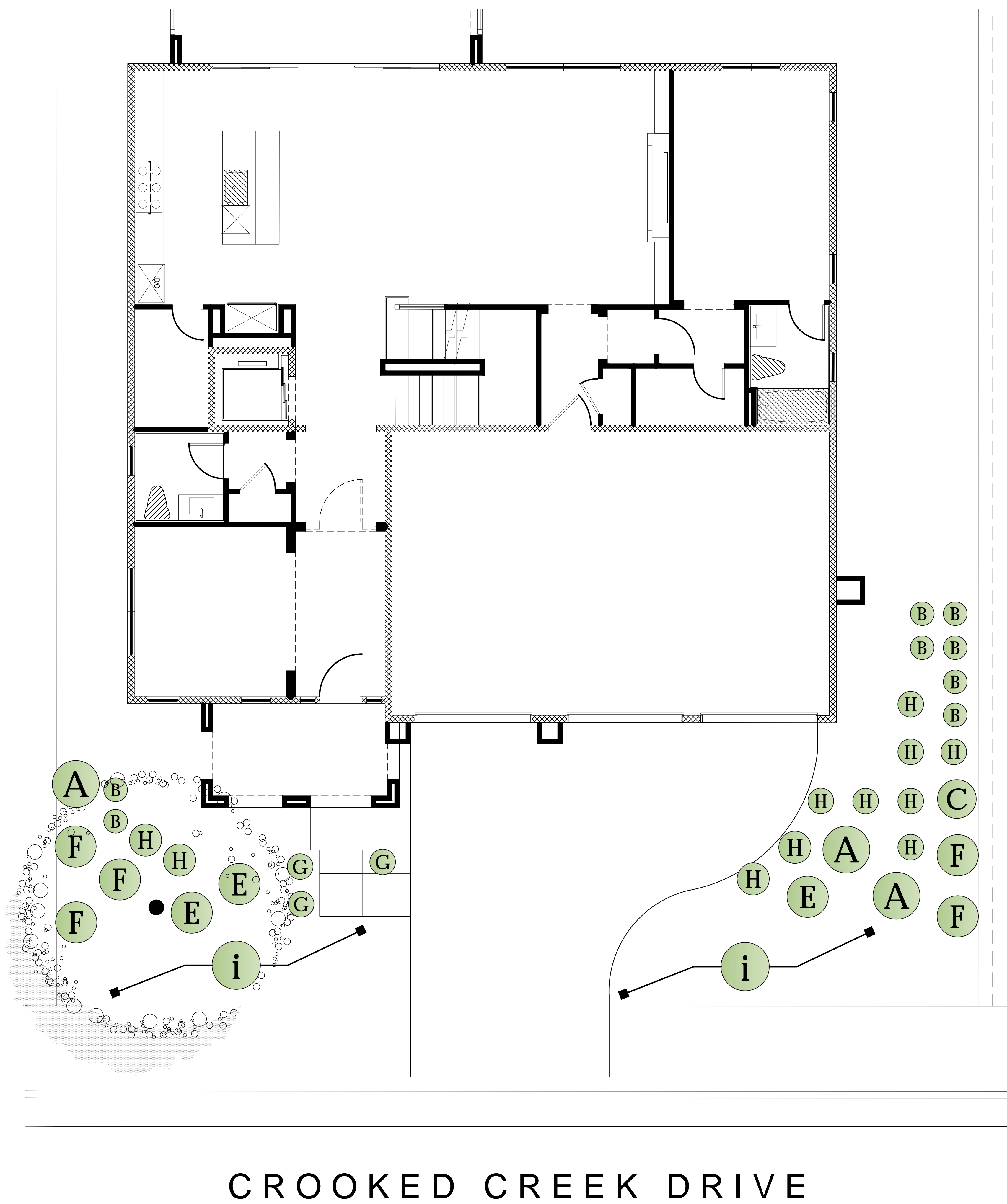
REQUIRED MIX OF PLANT MATERIALS:		
PLANT MATERIAL	REQUIRED PERCENTAGE OF MIX	
TREES:	Total Trees For calculation = 92	
24" BOX (OR LARGER)	20% = 19	20 PROVIDED
15 GALLON	80%	15 PROVIDED
1 GAL. TREES:		
CALI. BLACK WALNUT		200 PROVIDED
SHRUBS:		
5 GALLON	73%	235 TOTAL
1 GALLON	27%	PROVIDED
GROUNDCOVER:		
COVERAGE WITHIN 2 YEARS	100%	

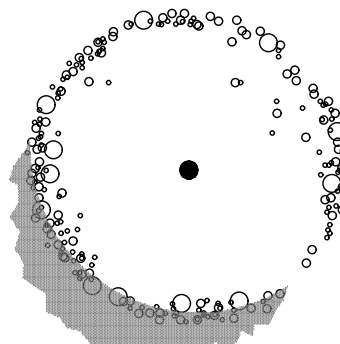








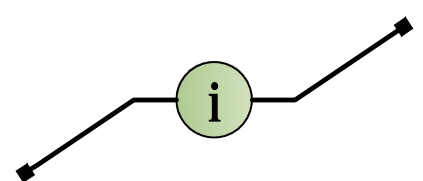


PRELIMINARY LANDSCAPE - SITE WIDE SHRUB & GROUNDCOVER PLANTING

CROOKED CREEK AMENDED TENTATIVE TR. 54081  
DIAMOND BAR - CALIFORNIA



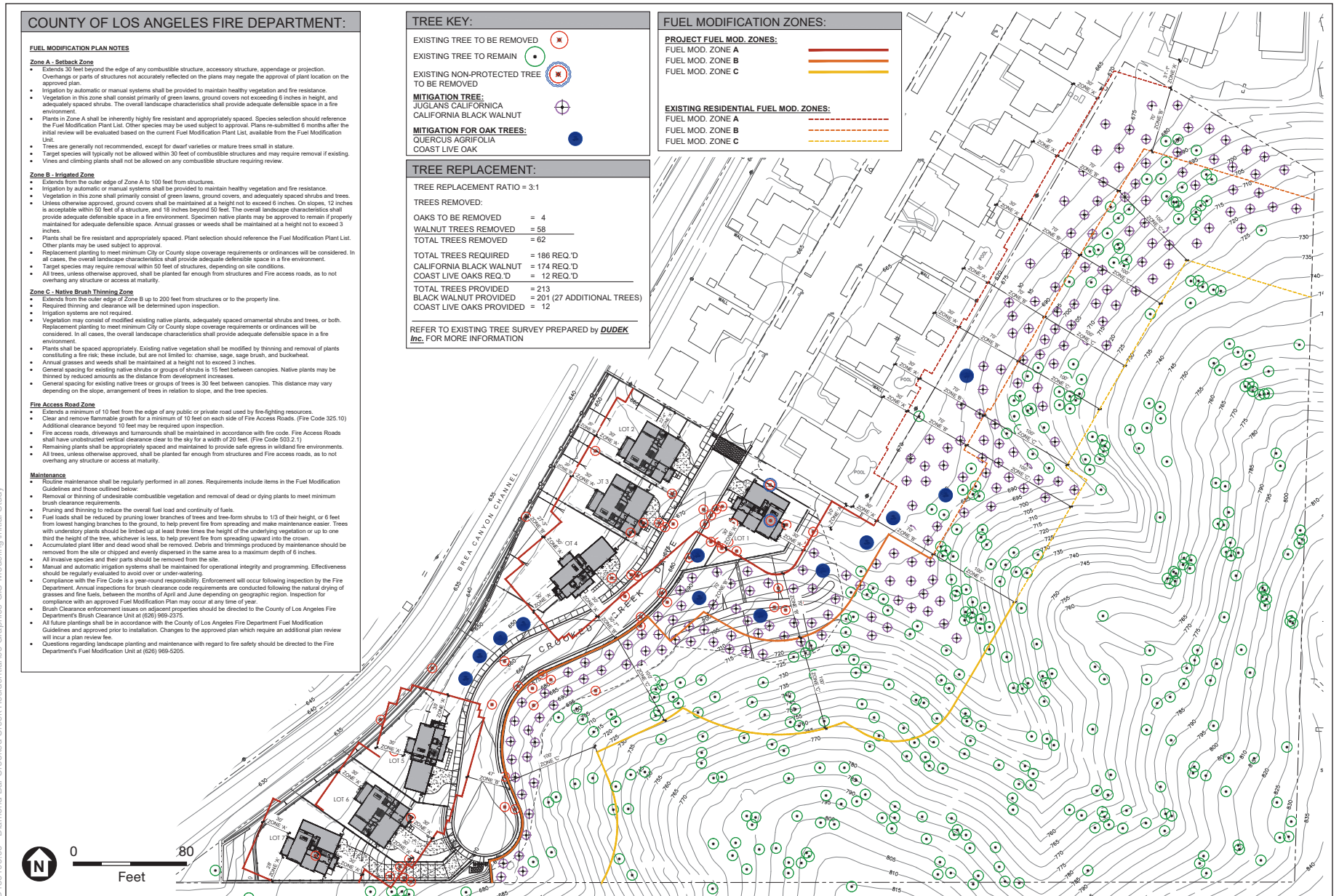


TYPICAL FRONT YARD PLANT PALETTE:					
	BOTANICAL NAME COMMON NAME	CONTAINER SIZE	HEIGHT x WIDTH GROWTH	COMMENTS	W.U.C.O.L.S. REGION 3
<b>FRONT YARD TREE:</b>					
SYMBOL					
	TRISTANIA CONFERTA BRISBANE BOX	24" box	30' x 25' MEDIUM	STANDARD	MED
<b>SHRUBS / GROUNCOVERS:</b>					
SYMBOL					
	TRACHELOSPERMUM JASMINOIDES STAR JASMINE	1 GAL	2' x 3' MEDIUM	SHRUB	LOW
	LANTANA SPP. LANTANA	1 GAL	2' x 8' MEDIUM	SPREADING	LOW
	VIBURNUM SPECIES (ZONE "A" 10' MIN. FROM BUILDING)	5 GAL	3' x 6' MEDIUM	SHRUB	VERY LOW
	DIETES BICOLOR / IRIOIDES FORTNIGHT LILY	5 GAL	2' x 3' MEDIUM	SHRUB	LOW
	MYOPORUM PARVIFOLIUM NCN	FLATS	1' x 5' MEDIUM	SPREADING	
	AGAVE ATTENUATA FOXTAIL AGAVE	5 GAL	5' x 5' SLOW	-	VERY LOW
	CARISSA MACRO. 'GREEN CARPET' LOW GROWING NATAL PLUM	5 GAL	1' x 4' MEDIUM	SPREADING	LOW
	ROSEMARY OFFICIALNIS TRAILING ROSEMARY	1 GAL	1' x 10' MEDIUM	SPREADING	LOW
<b>TURF AT FRONT YARDS:</b>					
SYMBOL					
	LOW WATER USE TALL TYPE FESCUE TURF	SODDED	1' x 15' MEDIUM	SPREADING	LOW

PRELIMINARY LANDSCAPE - FRONT YARD TYPICAL PLANTING

CROOKED CREEK AMENDED TENTATIVE TR. 54081  
DIAMOND BAR - CALIFORNIA





SOURCE: Studio H Landscape Architecture, 2021

Crooked Creek Residential Subdivision Project

**Figure 1**  
Preliminary Fuel Modification Plan