
Joshua Tree Preservation Report

Project Site:
TENTATIVE TRACT No. 17841
Apple Valley, CA

Prepared for:
BM Investments
PO Box 207
Claremont CA 91711

Prepared by:
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Arborist WE3414A Revised

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Sept. 2019

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I. INTRODUCTION

A tree protection report of the existing protected trees at this site is prepared for BM Investments and the City of Apple Valley as part of a new construction project. The purpose of this report is to assist BM Investments with the requirements of a master application form. As part of the of the permit process for the City of Apple Valley this report identifies and details the information on protected trees for this site including photos, location, size, health and species of trees. All of the following information is as of my site visit on September 23, 2019.

II. INVENTORY METHODS

The inventory and tree locations were conducted using a site plan provided by Pete Volbeda Architecture Planning outlining the partial boundaries. A visual Tree Assessment was used to inspect the 4 Joshua trees and measure at 54 inches diameter at breast height (DBH). The 4 Joshua trees were photographed, measured at DBH and the following was recorded, tree height, a inventory number was assigned, a tree health condition rating and locations plotted on a site map.

Tree health conditions are rated: Good, Fair and Poor (see recommendations for definition of tree condition ratings). A complete key of current tree conditions is listed on the tree inventory table on page 4.

This report is limited to:

- Possible tree defects that may not be visible from my observation position on the ground.
- Visual Tree Assessment does not include diagnostic testing.

III. RESULTS

Tree Distribution

Four *Yucca brevifolia*, Joshua Trees are the only protected trees species on this site.

Tree Health Condition

At the time of my visit on September 23, 2019 the 4 Joshua trees health ranged from good to poor.

Inventory

Four protected trees were inventoried see the table below for specifications.

TREE #	Species	Diameter at Breast Height (inches)	Tree Height (Feet)	Canopy Spread (Feet)	Tree Health & Condition	Comments	Protected Species	REMOVE AND MITIGATE
1	<i>Yucca brevifolia</i> , Joshua Tree	9	8-10	6-8	POOR,	HOLLOW BASE	YES	YES
2	<i>Yucca brevifolia</i> , Joshua Tree	9.5	10-12	6-8	GOOD	LEANS SOUTH EAST	YES	YES
3	<i>Yucca brevifolia</i> , Joshua Tree	4	5	3	GOOD		YES	YES
4	<i>Yucca brevifolia</i> , Joshua Tree	10	10-12	6-8	POOR	SEVERE DECAY AT BASE	YES	YES

Protected Trees

This site has four protected trees that are *Yucca brevifolia*, Joshua Trees.

IV. Tree Encroachment

All 4 *Yucca* trees will be encroached upon as part of this project.

V. Burden of Proof

In my professional opinion *Yucca* trees 1 and 2 and should be removed due to their poor condition and having a rotten base. Tree number 4 should be removed as its canopy is one sided and most likely will not survive transplanting. Tree number 3 can be transplanted if required.

VI. RECOMMENDATIONS/MITIGATION

I recommend removing all 4 of the *Yucca* trees on this site and mitigate with City of Apple Valley required plant materials.

APPENDIX A

DEFINITION OF TREE CONDITION RATING

Outstanding

- No trunk or root cavities or injuries present
- No indication of hollowness
- No decay present except for small stubs
- Strong structure
- Tapered trunk
- Below average amount of dead limbs
- No co-dominant branching
- No evidence of large-scale insect infestation
- Average growth rate
- Normal foliage, tree not suppressed

Good

- No decay in the root crown and no major decay in the trunk or limbs
- No fungus evident
- Average amount of dead wood limbs
- Good Foliage size, color, and density.

Average

- Some decay in the root crown and no major decay in the trunk or limbs
- Small cavities may be present
- No fungus evident
- Some small to moderate callusing injuries may be present
- Some suppression or crowded growing conditions present
- Average amount of dead wood limbs
- Foliage size, color, and density may vary

Poor/Below Average

- Significant cavities, dead areas, and decay present
- Decay present in the root crown or base of trunk
- Fungus bodies present indicating internal decay
- Dead limbs above normal
- Co-dominant branching with included bark present
- Foliage is below average in size and color

APPENDIX B

CERTIFICATE OF PERFORMANCE

I, Mike Parker, certify that:

- I have personally inspected the trees and the property referred to in this report and have stated my findings accurately. The extent of the evaluation is stated in the attached report and the Limits of the Assignment.
- I have no current or prospective interest in the trees or the property that are the subject of this report and have no personal interest or bias with respect to the parties involved.
- The analysis, opinions, conclusions were developed and this report has been prepared according to commonly accepted arboriculture practices. • No one provided significant professional assistance to me, except as indicated within the report.
- My compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party or upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

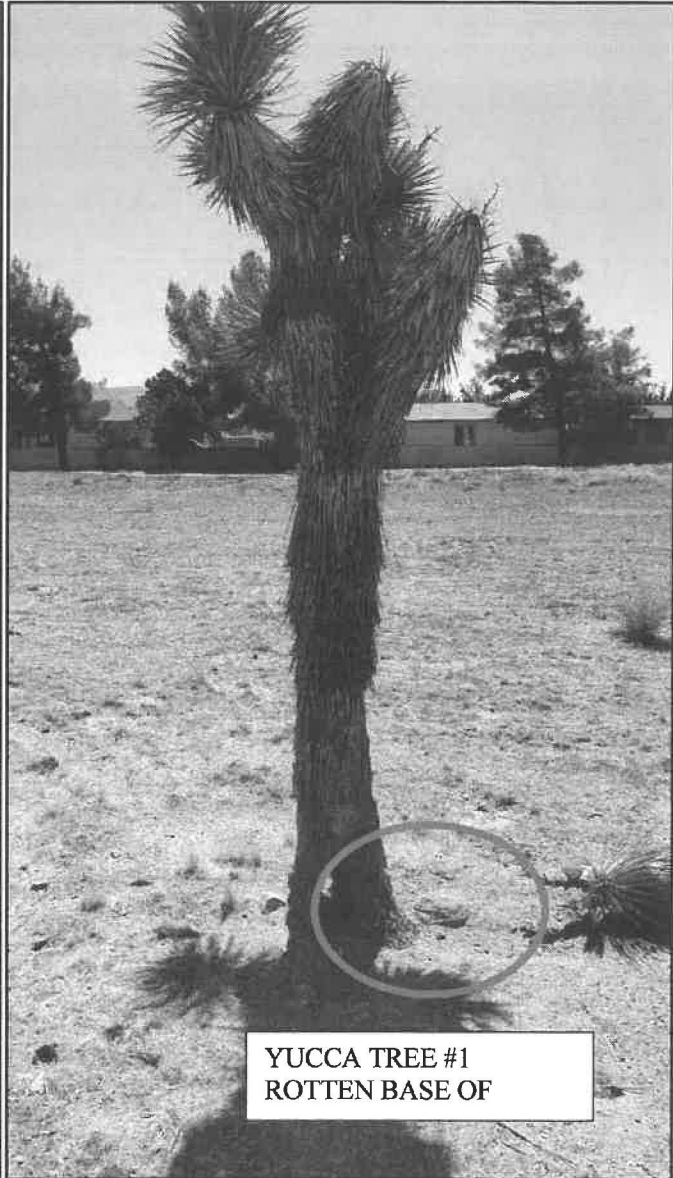
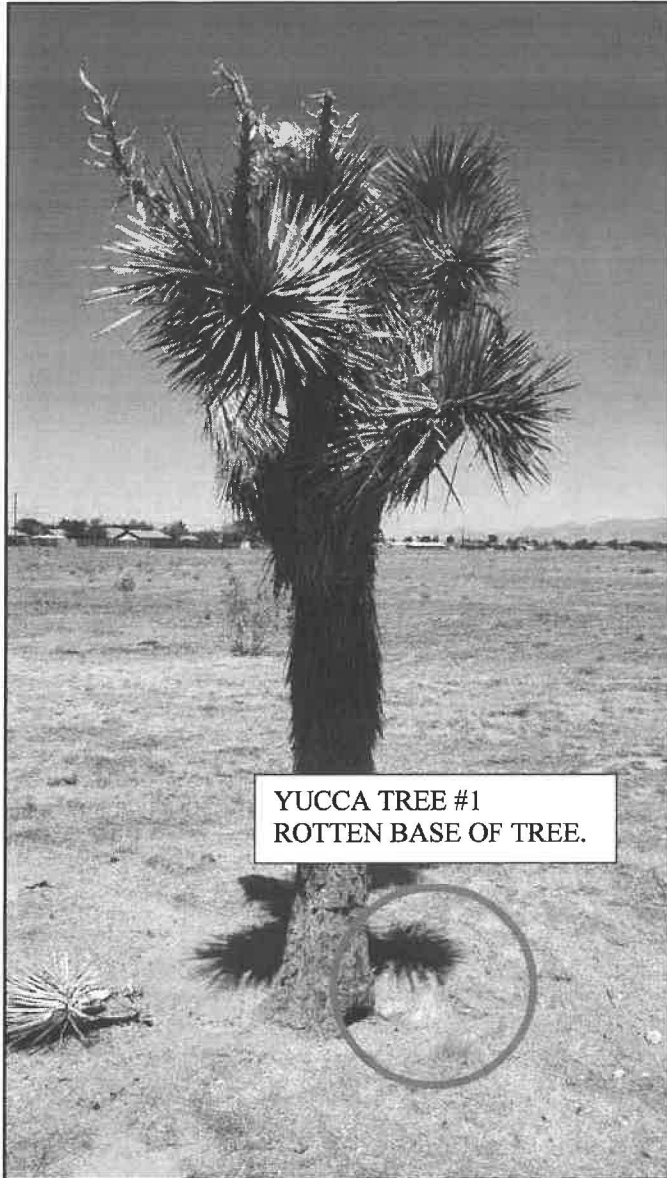
I further certify that I am a member in good standing with the American Society of Consulting Arborists, and the International Society of Arboriculture. I have been involved in the field of Arboriculture in a full-time capacity for over 29 years.

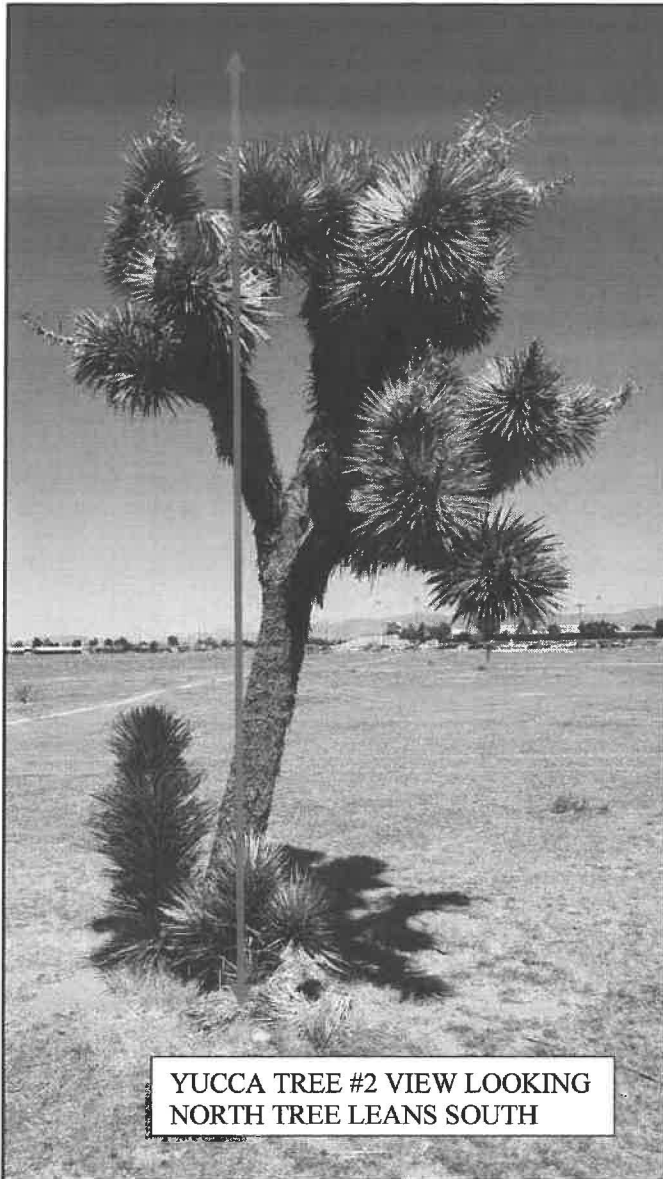
Signed Mike Parker

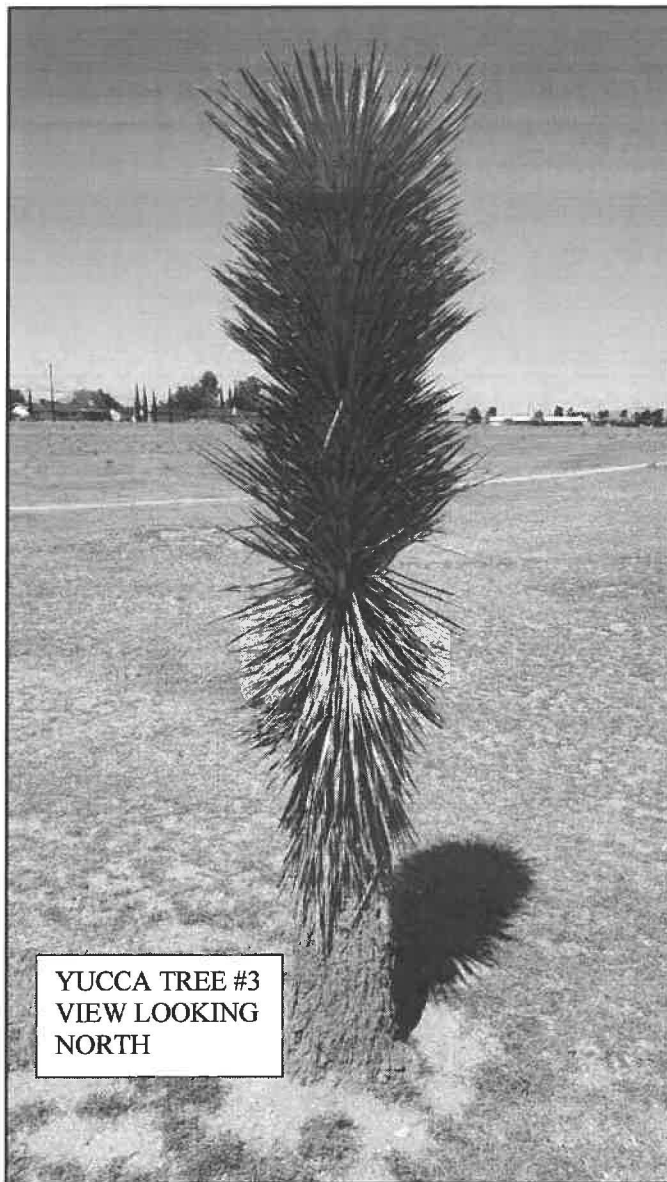
Date 1/06/2020

APPENDIX C

PHOTOS







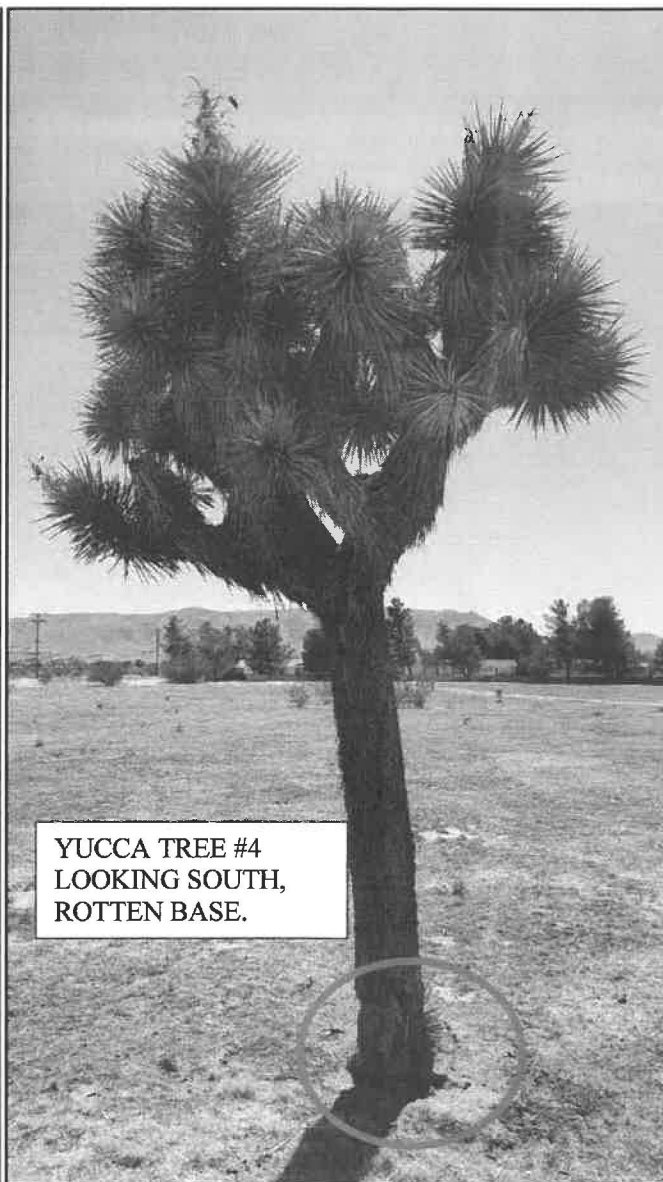
YUCCA TREE #3
VIEW LOOKING
NORTH



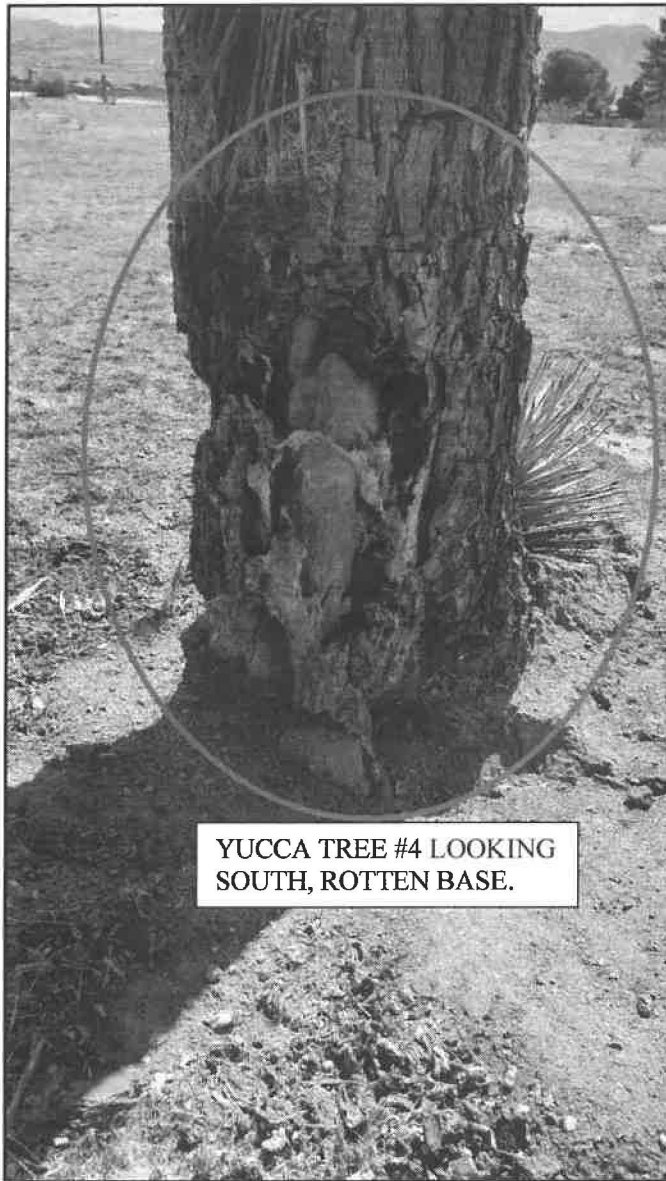
YUCCA TREE #3
VIEW LOOKING
SOUTH



YUCCA TREE #4 LOOKING
NORTH, ROTTEN BASE.



YUCCA TREE #4
LOOKING SOUTH,
ROTTEN BASE.



YUCCA TREE #4 LOOKING
SOUTH, ROTTEN BASE.



YUCCA TREE #4 LOOKING
NORTH, ROTTEN BASE.

A PORTION OF THE WESTERLY TWO-THIRDS OF GOVERNMENT LOTS 1 & 2 OF THE NORTHEAST 1/4 OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 3 WEST, SBM, IN THE TOWN OF APPLE VALLEY, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA.

OWNER/DEVELOPER: KDH INCORPORATED
3719 HICKORY LE
APRIL VALLEY, CA 92508

ENGINEER: MODRILL-JOHNSON ENGINEERING, INC.
12121 INDUSTRIAL BLVD. SUITE 240
VICTORIA, BC V8N 1C5
CANADA
(604) 211-6146

BENCHMARK: BENCHMARK # 1152, FROM THE INTERSECTION OF MAIN VALLEY ROAD AND STATE HIGHWAY 1
N. WESTWIND ALONG STATE HIGHWAY 1
± 2300', POINT EAST ON THE NORTHEAST SIDE
OF THE HIGHWAY.
ELEV. = 201.2 ± FT

BASIS OF BEARINGS: THE CONTINENTAL OF SANDY ROAD FOR A.S. 42141
BENCH MARK # 3459

UTILITIES	
ELECTRIC	SOUTHERN CALIFORNIA Edison COMPANY 12233 MIDWAY ROAD WESTVIEW CALIFORNIA 92383 (714) 851-1145
TELEPHONE	VERIZON 21745 ALA BLVD DRIVE WESTVIEW CALIFORNIA 92382 (714) 247-0259
WATER	APPLE VALLEY SANITARY DISTRICT CO. 31700 OTTOMAN RD. APPLE VALLEY, CALIFORNIA 92307 (714) 712-0404
SEWER	TOWN OF APPLE VALLEY 14935 GALE DRIVE RD APPLE VALLEY, CALIFORNIA 92307 (714) 249-7000
GAS	SOUTHWEST GAS 11474 MARSHALL RD. WESTVIEW CALIFORNIA 92395 (714) 241-3120
CABLE	CHARTER COMMUNICATIONS 13-915 RIVERSIDE CENTER RD. WESTVIEW, CALIFORNIA 92385 (714) 842-3254

NOTES

1. ASSOCIATION PARCELS NUMBER: 694-053-02
2. THERE ARE A TOTAL OF 42 ADJACENT LOTS IN THIS TRACT.
3. THE TOTAL AVERAGE FOR THIS PROJECT IS APPROXIMATELY 22.2 ACRES.
4. DISTRICT ZONING: R-1 (SINGLE FAMILY RESIDENCES)
ZONING CODE: 160. MINIMUM LOT SIZE: 1.0 AC DENSITY
PROPOSED ZONING: R-1 (SINGLE FAMILY RESIDENCES)
PROPOSED ZONING CODE: 160. MINIMUM LOT SIZE: 1.0 AC DENSITY
5. THE PROPOSED USE OF ALL LOTS IS FOR SINGLE FAMILY RESIDENCES.
6. THERE ARE 3.14 AC LARGAL FEET OF NEW STREETS.
7. JOSEPH TRAIL AND CHADLA CORNER LIE ON SITE AND ARE SHOWN
8. IMPROVEMENTS: LOT SIZE: 15,000 SQ. FT.
MARKHAM LOT SIZE: 80,000 SQ. FT.
AVANCE LOT SIZE: 25,000 SQ. FT.



VICINITY MAP

TOWN OF APPLE VALLEY

**TENTATIVE
TRACT MAP NO. 17841
ROUGH GRADING
FOR
KEN RICHMOND**

AS SHOWN
JOB NO.
2584
SHEET
1 of 1

