

APPENDIX C
Tree Inventory



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**Inventory of Existing Trees
Morgan Hill Development Company
Hill Avenue and Barrett Avenue
Morgan Hill, California**

Assignment

I was asked by Mr. Dan McKenzie, DMJ Builders, Inc., to inspect the trees at this property of the Morgan Hill Development Company and to prepare an inventory of the existing trees.

Observations

I inspected the trees on May 9, 2017.

The property is located at the northeast corner of Hill Avenue and Barrett Avenue, Morgan Hill, California. The existing trees are concentrated in a central area around a foundation of a removed residence, three barns, horse corrals, pig sty, chicken coop, and a goat pen. These features are located adjacent to Hill Avenue. The rest of the property is open and devoid of any trees.

Methods

The trunks of the trees were measured using a standard measuring tape at 4 ½ feet above soil grade (referred to as DBH or Diameter at Breast Height), according to the International Society of Arboriculture (ISA) standards. Trunk measurements were rounded up to the nearest inch. The measurement for multi-stem specimens was taken below the lowest fork on the trunk when possible in accordance with the International Society of Arboriculture standards.

The condition of each tree was observed by visual assessment only from a standing position without climbing or using aerial equipment. No specialized equipment was used. Consequently, it is possible that individual tree(s) may have internal defects, which are not detectable by visual inspection. Invasive exploratory inspection and analysis is beyond the scope of this evaluation.

Existing Trees

There are 47 trees on this property. I affixed metallic tree tag to each of these trees, using the numbers 200 – 246. In most cases, I affixed these tags on the east side of trunks at approximately 6-8 feet in height.

The 47 trees are listed by number on the attached List of Trees, which follows this text. Each tree is identified by species. The trunk diameter of each specimen is noted. In cases, where no measurement could be done below the lowest fork or the measurement below fork was not representative of the tree, as described by ISA standards, more than one

Hill and Barrett Avenues
Morgan Hill, CA
stem is noted in the Trunk Diameter column.

City of Morgan Hill Tree Code

The Morgan Hill Municipal Code, Section 12.32.020, defines a “tree” as any woody plant rising above the ground with a single stem or trunk of a circumference of forty inches (12.7 inches) in diameter or more for non-indigenous species and eighteen inches (5.7 inches) in diameter or more for indigenous species measured at four and one-half feet vertically above ground or immediately below the lowest branch, whichever is lower, and having the inherent capacity of naturally producing one main axis continuing to grow more vigorously than the lateral axes. Trees of any size within the public right-of-way shall constitute a tree for the purposes of this subsection.

An “indigenous tree” is defined as: Any tree which is native to the Morgan Hill Region. Such trees include oaks (all types), California bay, madrone, western sycamore, and alder.

Results of this Inventory

I have added a column to the attached List of Trees, which indicates those trees protected by the Tree Code of Morgan Hill. Among the 47 trees, 40 are protected by the city code. The majority of these are indigenous coast live oaks (*Quercus agrifolia* and *Quercus lobata*).

The Site Plan for this property was not available at the time of this inventory. For this reason the exact location of each specimen is not shown on a plan at this time.

Tree Protection Plan

Until home sites and infrastructure would be done in relation to the existing trees, a Tree Protection Plan cannot be done. I expect this will be done when plans become available.

Preliminary Tree Removal Request

It is the desire of the developer to remove the non-native trees and to preserve as many of the native trees as possible. The attached list of trees indicates those individual trees requested for removal. Among these, I recommend that two (Tree # 215 and 246) of the indigenous oaks be removed due to extremely poor structure, which cannot be repaired. A total of 22 trees are requested to be removed.

Respectfully submitted,



Michael L. Bench, Consulting Arborist
International Society of Arboriculture Certification # WE 1897A
American Society of Consulting Arborists Member

	Field Data Sheet Page 1		Trunk Diameter In Inches	Morgan Hill Tree		Remove Or Retain
Tree #	Common Name	Botanical Name	DBH	Yes / No	Notes	
200	Italian Cypress	Cupressus sempervirens	8 @ 6"	No		Remove
201	Red Ironbark	Eucalyptus sideroxylon	22	Yes		Remove
202	Red Ironbark	Eucalyptus sideroxylon	23	Yes		Remove
203	Hollywood Juniper	Juniperus chinensis 'Kaizuka'	18	Yes	Severe Lean	Remove
204	Hollywood Juniper	Juniperus chinensis 'Kaizuka'	16 / 12	Yes	Severe Lean	Remove
205	English Walnut	Juglans regia	12	No		Remove
206	Japanese Privet	Ligustrum japonicum	14	Yes		Remove
207	Red Ironbark	Eucalyptus sideroxylon	20	Yes		Remove
208	Red Ironbark	Eucalyptus sideroxylon	19	Yes		Remove
209	Black Walnut	Juglans hindsii	17 / 10	Yes		Remove
210	Almond	Prunus dulcis	8 / 7	No		Remove
211	Almond	Prunus dulcis	20	Yes	Near Dead	Remove
212	Coast Live Oak	Quercus agrifolia	13 / 11	Yes		Retain
213	Coast Live Oak	Quercus agrifolia	8	Yes		Retain
214	Almond	Prunus dulcis	6 / 5	No		Remove
215	Coast Live Oak	Quercus agrifolia	12 / 12	Yes	Splitting Apart @ Base	Remove
216	Coast Live Oak	Quercus agrifolia	14	Yes		Retain
217	Coast Live Oak	Quercus agrifolia	8	Yes		Retain
218	Valley Oak	Quercus lobata	11 / 8 / 8	Yes		Retain
219	Coast Live Oak	Quercus agrifolia	24	Yes		Retain
220	Coast Live Oak	Quercus agrifolia	12	Yes		Retain
221	Coast Live Oak	Quercus agrifolia	6	Yes		Retain
222	Coast Live Oak	Quercus agrifolia	7	Yes		Retain
223	Coast Live Oak	Quercus agrifolia	18 Below Fork	Yes		Retain

	Field Data Sheet Page 2		Trunk Diameter In Inches	Morgan Hill Tree		Remove Or Retain
Tree #	Common Name	Botanical Name	DBH	Yes / No	Notes	
224	Coast Live Oak	Quercus agrifolia	20	Yes		Retain
225	Coast Live Oak	Quercus agrifolia	8	Yes		Retain
226	Coast Live Oak	Quercus agrifolia	30 - Below Fork	Yes		Retain
227	Italian Cypress	Cupressus complanata	8 @ 6"	No		Remove
228	Evergreen Ash	Fraxinus uhdei	25	Yes		Remove
229	Coast Live Oak	Quercus agrifolia	17 @ 24"	Yes		Retain
230	Coast Live Oak	Quercus agrifolia	12	Yes		Retain
231	Coast Live Oak	Quercus agrifolia	8	Yes		Retain
232	Coast Live Oak	Quercus agrifolia	17	Yes		Retain
233	Coast Live Oak	Quercus agrifolia	10	Yes		Retain
234	Plum	Prunus cerasifera	10	No	Dead	Remove
235	English Hawthorne	Crataegus laevigata	5 / 4	No	Very Poor	Remove
236	Coast Live Oak	Quercus agrifolia	17	Yes		Retain
237	Coast Live Oak	Quercus agrifolia	28	Yes		Retain
238	Coast Live Oak	Quercus agrifolia	8 / 7 / 7 / 6	Yes	A Stump Sprout	Remove
239	Coast Live Oak	Quercus agrifolia	15	Yes		Retain
240	Coast Live Oak	Quercus agrifolia	24- Below Fork	Yes		Retain
241	Japanese Privet	Quercus agrifolia	10	Yes		Retain
242	Coast Live Oak	Quercus agrifolia	7	Yes		Retain
243	Monterey Pine	Pinus radiata	26- Below Fork	Yes		Remove
244	Fremont Cottonwood	Populus fremontii	22	Yes		Remove
245	Coast Live Oak	Quercus agrifolia	17	Yes		Retain
246	Coast Live Oak	Quercus agrifolia	20- Below Fork	Yes	Trunk Decay	Remove