

Tree Protection Plan

Hillsdale Shopping Center
North Block Reconfiguration
San Mateo, CA

March 2015

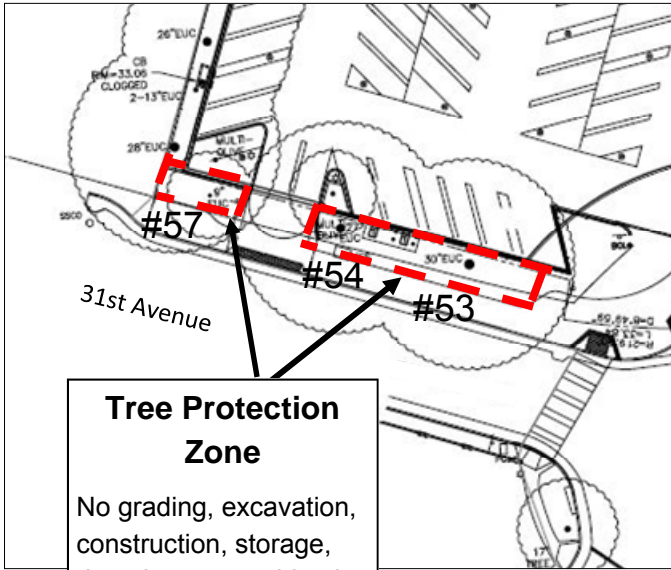


No Scale

Base map provided by:
ELS Architecture and Urban Design
Berkeley, CA



325 Ray St.
Pleasanton, California 94566
Phone 925.484.0211



Tree Protection Zone
No grading, excavation, construction, storage, dumping or trenching in this area. Enclose with 6' chain-link fence.

Detail A

Tree #	Species	Trunk Diameter
53*	Silver dollar gum	38"
54*	Silver dollar gum	28"
57	Silver dollar gum	8"

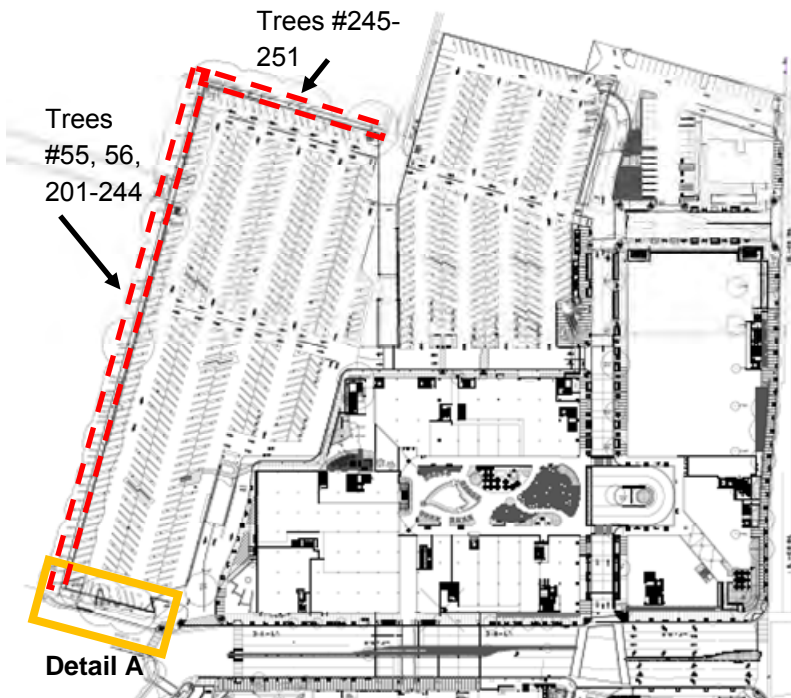
*Heritage Tree

Pre-demolition and construction

1. Fence trees #53, 54 and 57 to enclose the **TREE PROTECTION ZONE** prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link with posts sunk into the ground. Fences are to remain until all grading and construction is completed.
2. Silver dollar gum trees #55, 56, 201-251 are adequately protected by the parking structure and do not require protective fencing.
3. Prior to issuance of demolition permits, the Project Arborist is to submit a letter including photos by fax or email to the City Arborist verifying that all tree protection measures are properly implemented and clearance pruning of the trees has been completed.

Monthly Inspections

1. The Project Arborist is to complete regular monthly inspections during the construction period and is to submit a letter including photos by fax or email to the City Arborist verifying that all tree protection measures continue to be properly implemented.
2. Additional inspections (weekly or daily) will be necessary when it is determined construction activities may impact a protected tree. This will include monitoring protected trees during demolition operations.
3. A final inspection is to be completed by the Project Arborist after tree protection measures are removed and is to submit a letter to the City Arborist with findings and recommendations for the property owner if necessary. The owner is to receive a copy of the letter from the Project Arborist.



Detail A

Tree Assessment

Hillsdale Shopping Center, North Block Configuration
 San Mateo, CA
 March 2015



Tree No.	Species	Trunk Diameter (in.)	Heritage Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
1	Blue atlas cedar	18,12,10,7,7	Yes	3	Moderate	Multiple attachments at base; flat top; lost central leader.
2	Callery pear	8	No	3	Moderate	Multiple attachments at 5'; narrow attachment; topped.
3	Callery pear	7	No	3	Moderate	Multiple attachments at 5'; narrow attachment; topped.
4	Callery pear	7	No	3	Low	Broken branch at 4'; narrow attachments at 8'; fire blight.
5	Callery pear	7	No	4	Moderate	Good upright form; narrow attachments at 8'.
6	Callery pear	8	No	4	Moderate	Good upright form; narrow attachments at 7'.
7	Callery pear	7	No	3	Moderate	Multiple attachments at 5'.
8	Callery pear	7	No	4	Moderate	Good form; Multiple attachments at 6'.
9	Olive	6,4,4,4	No	3	Moderate	Multiple attachments at base; thin crown.
10	Olive	5,5,2,2,2	No	3	Moderate	Multiple attachments at base; thin crown.
11	Olive	7,6,5,4	No	2	Low	Multiple attachments at base; multiple trunk wounds.
12	Olive	7,4	No	2	Low	Multiple attachments at base; very thin crown; trunk wounds.
13	Olive	7,6,5,5,5	No	4	High	Multiple attachments at base; full crown.
14	Olive	8,8,6,5,5,4	Yes	4	High	Multiple attachments at base; full crown.
15	Olive	7,8,6,6,5	Yes	3	Moderate	Multiple attachments at base; thin crown with minor dieback.
16	Olive	7,6,5,5,5,4	No	3	Moderate	Multiple attachments at base; dieback in crown.
17	Olive	10,8	No	4	High	Codominant at base; full crown.
18	Holly oak	9	No	3	Low	Partially failed at base; corrected form; multiple attachments at 6'.
19	Juniper	9,3,2	No	2	Low	Multiple attachments at base; very thin.
20	Juniper	8,7,6	No	3	Moderate	Multiple attachments at base; 7" growing against wall; thin on south.

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Tree No.	Species	Trunk Diameter (in.)	Heritage Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
21	Olive	8,7,6,6,5,4	Yes	2	Low	In transplant box in ground; extensive dieback.
22	Red maple	8	No	3	Moderate	Good form; deformed base with decay.
23	Red maple	8	No	4	High	Good form and structure.
24	Red maple	7	No	4	High	Good form and structure.
25	Red maple	6	No	4	High	Good form and structure; a bit thin.
26	Red maple	7	No	3	Moderate	Circling roots; trunk wound.
27	Red maple	7	No	4	High	Good form and structure.
28	Red maple	7	No	3	Moderate	Large surface roots; trunk wound from sunburn.
29	Red maple	6	No	3	Moderate	Exposed surface roots with wounds.
30	Victorian box	6,3	No	3	Low	Thin crown with dieback.
31	Canary Island date	22	Yes	4	High	18' clear trunk; trunk shaved.
32	Canary Island date	25	Yes	3	Moderate	18' clear trunk; very chlorotic; trunk shaved.
33	Callery pear	10	No	4	Moderate	Multiple attachments at 6' with narrow attachments; full crown.
34	Callery pear	11	No	4	Moderate	Multiple attachments at 6'; full crown.
35	Callery pear	12	No	4	Moderate	Multiple attachments at 6' with narrow attachments; full crown.
36	Callery pear	9	No	3	Low	Multiple attachments at 6' with narrow attachments; thin crown; inverted base.
37	Callery pear	17	Yes	2	Low	Multiple attachments at 6'; thin crown with extensive dieback.
38	Callery pear	15	No	2	Low	Codominant at 6'; thin crown with extensive dieback.
39	Callery pear	9	No	4	Moderate	Multiple attachments at 6' with narrow attachments; full crown.
40	Callery pear	13	No	2	Low	Thin crown with extensive dieback.
41	Callery pear	13	No	2	Low	Multiple attachments at 6'; thin crown with extensive dieback.

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Tree No.	Species	Trunk Diameter (in.)	Heritage Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
42	Callery pear	17	Yes	3	Moderate	Multiple attachments at 7'; full crown; broken branch; minor dieback.
44	Nichol's willowleafed peppermint	23	Yes	4	Moderate	Good form; excessively thinned.
45	Nichol's willowleafed peppermint	18	Yes	4	Moderate	Good form; excessively thinned.
46	Nichol's willowleafed peppermint	23	Yes	3	Low	Multiple attachments at 15'; thin crown.
47	Date palm	15	No	2	Low	40' clear trunk; few fronds; chlorotic.
48	Date palm	16	Yes	2	Low	40' clear trunk; few fronds; chlorotic.
49	Nichol's willowleafed peppermint	19	Yes	4	Moderate	Good form; excessively thinned.
50	Nichol's willowleafed peppermint	25	Yes	3	Moderate	Good form; excessively thinned; codominant at 18'.
51	Nichol's willowleafed peppermint	16	Yes	3	Low	Excessively thinned; multiple attachments at 12'; no central leader.
52	Fruitless mulberry	17	Yes	2	Low	Poor color; basal wound; decay in upright stems; twig and branch dieback.
53	Silver dollar gum	38	Yes	4	High	Multiple attachments at 10'; good form and structure; a bit over pruned.
54	Silver dollar gum	28	Yes	3	Moderate	East stems topped; history of branch failures with hanger on west; multiple attachments at 12'.

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Tree No.	Species	Trunk Diameter (in.)	Heritage Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
55	Olive	7,6,6,6,6	No	2	Low	Topped; multiple attachments at base; twig and branch dieback; very thin.
56	Olive	9,8,6,5	No	3	Moderate	Multiple attachments at base; small trunk wound; twig dieback.
57	Silver dollar gum	8	No	2	Low	Poor form; one-sided to East to clear power lines; spindly crooked form; crook at 6'.
58	Callery pear	12	No	3	Moderate	Multiple attachments at 7'; full crown; fireblight.
59	Callery pear	8	No	3	Low	Multiple attachments at 7'; thin crown; twig dieback.
60	Callery pear	12	No	3	Low	Multiple attachments at 7'; full crown; twig dieback in upper crown.
61	Callery pear	6	No	3	Moderate	Multiple attachments at 6'.
62	Callery pear	8	No	3	Moderate	Multiple attachments at 7'.
201	Silver dollar gum	28	Yes	3	Moderate	Ivy growing up trunk; previously topped.
202	Silver dollar gum	16, 14	Yes	3	Moderate	Intermediate form; high canopy.
203	Silver dollar gum	30	Yes	3	Moderate	Previously topped; cables embedded in trunk.
204	Silver dollar gum	6	No	2	Low	Suppressed by #203.
205	Silver dollar gum	30	Yes	3	Moderate	Codominant trunks at 10'; ivy; old trunk wound seam on E.
206	Silver dollar gum	21	Yes	2	Low	Multiple branches arise at 8'; previously topped; suppressed.
207	Silver dollar gum	11	No	2	Low	Tiny canopy; suppressed.
208	Silver dollar gum	21	Yes	2	Low	Headed at 8'; 4 trunks regrowth; asymmetric to S.
209	Silver dollar gum	31	Yes	3	Moderate	Multiple branches arise at 10'; somewhat thin.
210	Silver dollar gum	12	No	2	Low	Intermediate form; curved trunk.
211	Silver dollar gum	18	Yes	3	Moderate	Intermediate form.
212	Silver dollar gum	21	Yes	3	Moderate	Top bowed over neighbor; prune to reduce.

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213	Silver dollar gum	22	Yes	3	Moderate	Multiple branches arise at 10-12'; previously topped.
214	Silver dollar gum	11	No	2	Low	Suppressed; bowed to W.
215	Silver dollar gum	15	No	3	Low	Previously topped; shaded.
216	Silver dollar gum	16	Yes	3	Moderate	Intermediate form; crooks in trunk from scaffold removal.
217	Silver dollar gum	16	Yes	3	Low	Codominant at 6'; narrow form; shaded.
218	Silver dollar gum	23	Yes	3	Moderate	Codominant at 10'; previously topped.
219	Silver dollar gum	19	Yes	3	Moderate	Codominant at 10'.
220	Silver dollar gum	16	Yes	3	Low	Codominant at 8'; suppressed.
221	Silver dollar gum	7	No	2	Low	Suppressed.
222	Silver dollar gum	26	Yes	3	Moderate	Multiple attachments at 10'; large branch to W.
223	Silver dollar gum	23	Yes	3	Moderate	Codominant at 8'.
224	Silver dollar gum	15	No	2	Low	Suppressed.
225	Silver dollar gum	18	Yes	3	Moderate	Codominant with narrow attachment at 10'.
226	Silver dollar gum	13	No	3	Moderate	Codominant at 10'.
227	Silver dollar gum	19	Yes	3	Moderate	Codominant at 8'.
228	Silver dollar gum	12	No	3	Low	Intermediate form.
229	Silver dollar gum	8	No	3	Low	Codominant at 7' and 10'; suppressed.
230	Silver dollar gum	8	No	3	Low	Suppressed.
231	Silver dollar gum	30	Yes	3	Moderate	Border tree; E. side of trunk on Hillsdale property; topped; fence built around tree.
232	Silver dollar gum	7	No	2	Low	Headed at 7'; 3 stems with crook at attachment.
233	Silver dollar gum	23	Yes	3	Moderate	Twig dieback; codominant stems at 15'.
234	Silver dollar gum	14	No	2	Low	Sinuous trunk; suppressed.
235	Silver dollar gum	21	Yes	3	Moderate	Codominant at 8'; previously topped.
236	Silver dollar gum	25	Yes	3	Moderate	Multiple attachments at 6' and 8; somewhat thin.

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237	Silver dollar gum	31	Yes	3	Moderate	Three trunks at 10'.
238	Silver dollar gum	26	Yes	3	Moderate	Codominant at 10'; previously topped.
239	Silver dollar gum	27	Yes	3	Moderate	Codominant at 8' and 10'; previously topped.
240	Silver dollar gum	29	Yes	3	Moderate	Multiple attachments at 6' and 10'.
241	Silver dollar gum	28	Yes	3	Moderate	Multiple attachments at 12'; dense upright branches.
242	Silver dollar gum	25	Yes	3	Moderate	Codominant at 10' with poor attachment.
243	Silver dollar gum	24	Yes	3	Moderate	Codominant at 7'; previously topped.
244	Silver dollar gum	26	Yes	3	Moderate	Multiple attachments at 10'; large scaffolds to S.
245	Silver dollar gum	18	Yes	3	Moderate	Multiple attachments at 10' and 12'; previously topped.
246	Silver dollar gum	22	Yes	3	Moderate	Multiple attachments at 10'; smaller stems topped.
247	Silver dollar gum	28	Yes	3	Moderate	Codominant trunks at 10'.
248	Silver dollar gum	16	Yes	3	Moderate	Intermediate form.
249	Silver dollar gum	24	Yes	3	Moderate	Codominant trunks at 8'.
250	Silver dollar gum	26	Yes	3	Moderate	Multiple attachments at 12'.
251	Silver dollar gum	15	No	3	Moderate	Suppressed.
252	Callery pear	10	No	4	High	Multiple branches arise at 7'.
253	Mayten	6	No	3	Low	Poor structure; multiple branches arise at 7'; 5' from building.
254	Mayten	7	No	2	Low	Poor structure; multiple branches arise at 7'; trunk wound at branch stub; twig dieback; asymmetric to the E.
255	Mayten	6	No	2	Low	Multiple branches arise at 7'; asymmetric to E.