



Daily Tree Protection Monitoring Log

Aubrey Austin Park Improvement Project, Marina del Rey

Date: 10/02/2024

Start Time: 9:00 am

End Time: 11:00 am

Arborist: Michael Bova

Site Contact: Jennifer Jung
626-949-2836

SITE CONDITIONS		
Condition	Compliance?	Comments
1.) Is tree protection fencing installed according to project maps/arborist recommendations and in acceptable condition? (Temporary fencing should consist of a minimum 4 feet high chain link and at least 5 feet from the drip line or 15 feet from the trunk to identify Tree Protection Zones (TPZ)).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	<i>Tree protection fencing will not be required.</i> New Creation Builders are to continue following the good practices of tree protection in construction areas - not piling materials within the TPZ, not disrupting roots, hand-digging within the root zone, and cutting along the edge where the concrete forms will be installed.
2.) Are limits of construction clearly delineated according to project-approved maps before construction?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
3.) Are construction activities and impacts within approved project impact limits?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
4.) Have impacts to TPZs been avoided?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	Some work in the TPZ is inevitable.
5.) Is fueling of equipment and vehicles occurring outside of "No Fueling Zones" (greater than 5 ft. from the dripline)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
6.) Are appropriate BMPs installed and maintained on-site?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
7.) Is equipment being checked for leaks before operation near tree protection zones?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	

Tree Protection Zone Avoidance		
8.) Have protected trees been avoided?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
9.) Is disturbance of vegetation kept to the minimum necessary to complete operations?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
10.) Is protective fencing around the drip lines of trees to be preserved intact? Is work and material storage occurring greater than 10 ft. from the protective zone?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Fencing will not be required, but materials and equipment have been kept out of the Structural Root Zones.
11.) Have protected trees received unsupervised pruning or root cutting?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	
12.) Has significant grade changes occurred within 10 feet for a TPZ?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	No grading yet.
13.) Is equipment maintenance occurring away from any TPZ?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	No work today.
14.) Are debris or other pollutants placed where they will NOT be washed by rainfall into TPZ?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
15.) Are staging/storage areas for equipment and materials located outside of all TPZs?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	

Was Arborist Supervision of Work Within the TPZ Required During the Inspection? <i>If yes, document the type of activity, location, and impacts:</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<i>Trenching by hand was performed to expose roots along the new access road prior to inspection for VM-28 and continued for VM-34 during inspection</i>	

Monitoring Activities Summary <i>(Describe construction activities/equipment monitored, locations, and any protective measures taken):</i> <p><i>Observed the exposed trench near VM-28 with Cesar that demonstrated significant large structural roots that would need to be cut, confirming the need for removal of the tree to grade and install the new roadway. The excavation of roots along VM-34 showed numerous feeder roots under three inches in diameter with several structural roots four inches or greater in diameter. All roots are shallow and most were positioned along the previous hardscape with very few extending under the old roadway. Since VM-34 is set back further from the roadway footprint and the roots are shallow, it is likely that selective root pruning will allow the tree to remain. It was discussed with Cesar the potential to avoid cutting off the exposed surface roots near the root plate by setting the forms as far as possible from the root plate while maintaining the specified width of the roadway. No trenching was performed for tree VM-31 as this tree had been designated for removal based on the amount of large structural roots that would need to be cut; compromising the stability and health of the tree., according to the current plans</i></p> <p><i>We also walked the footprint for the new walkway path along VM-41 and determined similar hand trenching will be needed to expose the cutline for the root pruning. The shallow depth and slope of foundation for the sidewalk will likely cause minimal impacts on the tree. We will need to see what roots are exposed before determining the final impacts for this tree.</i></p> <p><i>Based on the current design, coral trees VM-27 , VM-28, and VM-31 are recommended for removal. They will not safely withstand the excavation and root pruning. . For any removal, there is an approval process from LA Beaches and Harbors. As with all trees, liability will remain with the tree owner if the decision is to retain the trees.</i></p>
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The landscape plans will still need to be modified regarding both the current tree removal plans and to allow for new installation of understory plants to keep the perennial plantings out of the structural root zone. In addition, the current plans for drip irrigation may need to be re-evaluated. The landscape architect will reach out to Davey Resource Group for guidance.



VM-38 showing shallow feeder roots less than three inches in diameter



Larger structural root of VM-34 that would need pruning



Dense structural and feeder roots of VM-28. Tree will need removal



Area around VM-41 that will need hand excavation to determine root pruning options

Monitor Signature Michael J Bova