



TREE PERMIT FOR PROTECTED TREE REMOVAL

PUBLIC WORKS

Urban Forestry Section
pwps@cityofpaloalto.org - 650-617-3173

Tree Permit No. **23TRE-00144**

Related Permit No.

DATE ISSUED: **12/18/2023**

PERMIT TYPE: ☒ PROTECTED TREE REMOVAL ☐ PUBLIC TREE WORK ☐ PUBLIC TREE IPM ☐ IN LIEU/DEPOSIT

PROJECT ADDRESS: **776 JOSINA AV**

DESCRIPTION OF WORK

Tree removal application for a 53" Coast Redwood. Reason(s) cited: cracking garage slab.

PERMITTEE/ARBORIST:

Name: **KASTURIA SANJAY AND JOSHI
ANJALI TRUSTEE**

Arborist Name: **Juan W. Morales**

Company:

ISA Number: **WE-9900A**

Address: **13155 LA CRESTA DR, LOS
ALTOS, CA 94022**

Arborist Phone: **650-995-7254**

Phone: **650 704 7686**

Arborist Email: **jc@jctreecarelandscape.com**

Email: **SANJAY@KASTURIA.COM**

PROTECTED TREE INFORMATION:

TREE SPECIES	DIAMETER	HEIGHT	SPREAD	REMOVAL REASON	NOTES
Coast Redwood	53	70		Damage to Structure	Tree too close to structure. Causing damage to garage.

PERMIT CONDITIONS:

1. The permitted work shall conform to City of Palo Alto standard specifications, the Tree and Landscape Technical Manual and Palo Alto Municipal Code, Title 8, Trees and Vegetation
2. See attached specifications if applicable.
3. Permit shall be available on site during work, removals must be posted 14 days in advance. Please see email with posting instructions.
4. Permittee if removing trees and stumps, and/or planting new trees shall use PW Detail #603.
5. Permittee is responsible to notify Underground Service Alert (USA) prior to stump removal and replacement tree planting.
6. All work shall be completed by a licensed tree service or landscaping contractor.
7. New street trees shall be inspected by urban forestry prior to installation (650.496.5953) and meet ANSI Standard for Nursery Stock Z60.1
8. When required, irrigation bubbler heads shall be supplied to each new tree per PW Detail #513.
9. Applications that include pruning or removal of protected trees must attach a report from a certified arborist.
10. For pruning of public trees, an International Society of Arboriculture Certified Arborist must be on site.
11. Work on public trees may require proof of insurance as specified by the City of Palo Alto and adhere to American National Standards Institute (ANSI) Standards for Tree Care Operations A300 & Z133.
12. ADDITIONAL CONDITIONS:

Permit granted due to tree's impact on house. DEVELOPMENT MORATORIUM: Expires 12/01/2026. This property is prohibited from submitting any application for development for a period not to exceed 36 months per PAMC 8.10.050(a) (2). Applicant must contact Urban Forestry (trees@cityofpaloalto.org) if they wish to remove or shorten the moratorium.

Permittee affirms that the facts stated herein are true and agrees that they, or their agents, employees, and contractors shall perform all work described herein in conformance with ordinances and standard specifications of the City of Palo Alto. The permittee agrees to abide with the Permit Conditions outlined above and hold the City of Palo Alto, its officers, officials, agents, and employees harmless from all costs and damages which might arise from the Permittee's use or occupancy of public right-of-way. This permit may be revoked at any time for violation of the above conditions.

Applicant Signature _____

Permit Issued By: **URIEL HERNANDEZ**

Project Manager: **DORINA LATA**



MITIGATION / REPLACEMENT TREE PLANTING REQUIRED

This Tree Permit requires mitigation / replacement tree plantings to ensure No Net Loss of tree canopy as a result of any approved tree removals. The following steps must be taken when fulfilling this requirement:

Mitigation Planting Process

- Review required tree mitigation plantings from your TRE Permit as itemized below:

Total Mitigation Trees Required (24" Box)	Total Mitigation Trees Planted (24" Box)	Total Requested In-Lieu Trees	Related Permit	Notes
2	2	0	0	2 medium-large species trees required as mitigation.

- Follow the Planting guidelines from the Tree and Landscape Technical Manual Section 4.7 for all required Mitigation / Replacement Trees. These guidelines are included below.
- FOR STREET TREE REPLACEMENT:** Make sure to follow the additional steps included in TLTM Section 4.7.7
- Once all trees are planted, contact Urban Forestry at trees@cityofpaloalto.org Include TRE permit number, project address, photos of planted trees, and date planted. If required, an inspection will be scheduled following receipt of this email.
- Your permit will remain open until the required mitigation trees are planted.
- Note that all required mitigation trees are considered protected status trees per PAMC 8.10.20 and may not be removed without a tree permit regardless of size or species

4.7.1 Planting

Planting guidelines apply to trees and shrubs that are:

- planted as a replacement for permitted canopy removal;
- to be planted as a street tree within the City right-of-way or other public land;
- planted as part of a landscape plan subject to development approval.

4.7.2 Container and Roots

- Remove plant from the container and trim the root ball in the following way:
- Thick circling roots: straighten and/or cut cleanly
- Thin roots: make three to four vertical cuts 1/2-inch deep around root ball, spread the bottom out if necessary

4.7.3 Placing the Tree

- Locate the tree in the hole and rotate the tree to direct the main branches away from the street side, if possible.
- To check the proper depth of the rootball, place the tree in the hole and lay a pole or shovel across the original grade - the top of the root ball should be 1- to 2-inches higher

4.7.4 Filling the Hole

- Fill the hole halfway with original soil (amended soil only when approved), and gently tamp out air pockets with a pole or shovel handle.
- Add about 1-inch of water and let drain.
- Fill the rest of the hole with soil to grade, tamp, add water, and let drain. Do not place soil over the top of the plant's rootball. The rootball should remain 1- to 2-inches higher than the surrounding soil after the backfill has settled.

4.7.4 Staking

- Remove the nursery stake.
- Place two 2" diameter wooden stakes at the edge of the root ball (drive them 2-feet into undisturbed ground), and avoid contact with the branches. If in a windy area, set the stakes in a

plane at right angles to the wind. See T-1 sheet or CPA Standard Detail #603

- 3 Loosely place two ties in a figure eight around the trunk, as low as needed to hold the tree upright, and nail to the stake.
- 4 Stakes shall be trimmed so that the branches clear the top of the stake.
- 5 Do not install a cross-brace unless specifically instructed to do so by Urban Forestry.

4.7.5 Berm, Mulch and Water

- 1 In non-turf areas, form a soil berm 3- to 4-inches high at the outermost edge of the root ball to create a basin to hold irrigation water.
- 2 In turf areas that receive regular irrigation, the berm may be eliminated. The turf shall be maintained a minimum of one foot away from the new tree stem.
- 3 In turf areas, install tree mower guard.
- 4 Place 1- to 2-inches of mulch or bark over root ball and berm, keeping the mulch away from the trunk a minimum of 2-inches.
- 5 Fill the basin with water to capacity.

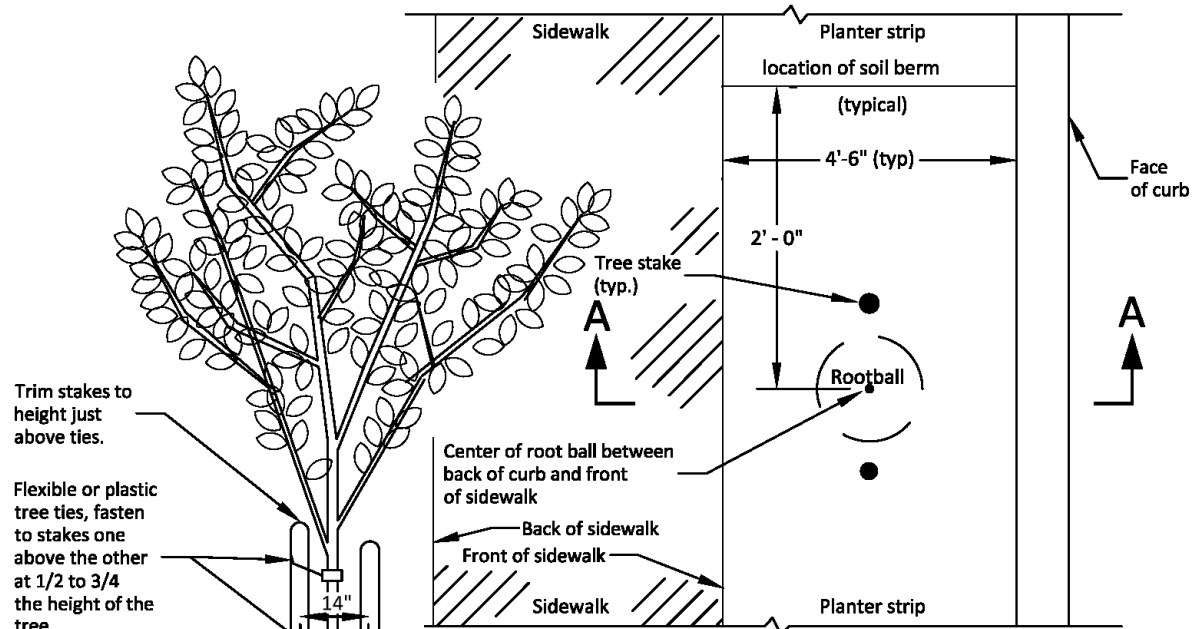
4.7.6 Pruning

- 1 Minimal pruning should be performed at planting to avoid reducing tree growth. Remove no more than 10% of the total foliage.
- 2 Prune to remove broken or damaged branches.
- 3 Identify the central trunk as the permanent leader. If any branches near the top of the tree are competing with the central leader, prune to shorten them and reduce their growth.

4.7.7 Additional Specifications for Street Tree Planting

Street trees have particular importance and additional regulations in the City of Palo Alto. In addition to the requirements and recommendations in TLTM Section 4.1-0 through 4. 40, the following specifications apply.

- 1 Tree species shall be approved by the CPA Urban Forester or designee.
- 2 Tree shall be healthy, disease and insect-free, well-rooted, and properly trained with a straight trunk that can stand upright without support.
- 3 Tree shall exhibit a central leader, or a main branch that can be trained as a central leader.



NOTES:

1. Contact Underground Service Alert (USA) @ 811 or (800) 227-2600 at least five (5) days prior to beginning excavation work to locate existing utilities.
2. Build soil berm min. 4" high and 2' from tree trunk planter strip. Provide loam topsoil needed to form berm and fill holes.
3. Soil, concrete and other materials spilled on street, sidewalk, and planting area shall be cleaned up immediately by Contractor.
4. PVC root barrier may be required on a site specific basis.
5. Provide minimum rootable soil bolume for tree size growth performance (in cubic feet): Large: 1,200 cu.ft. Medium: 800 cu.ft. Small: 400 cu.ft.

SECTION A-A

Backfill with a mixture of mixed original soil and approved loam topsoil around root ball and water at time of planting.

Rev	By	Date
1	Ron L	04/15/03
2	JT	08/14/06
3	HQN	03/19/07
4	RTN	06/11/17

Scale: NTS

Tree Detail Planter Strip

City of Palo Alto Standard

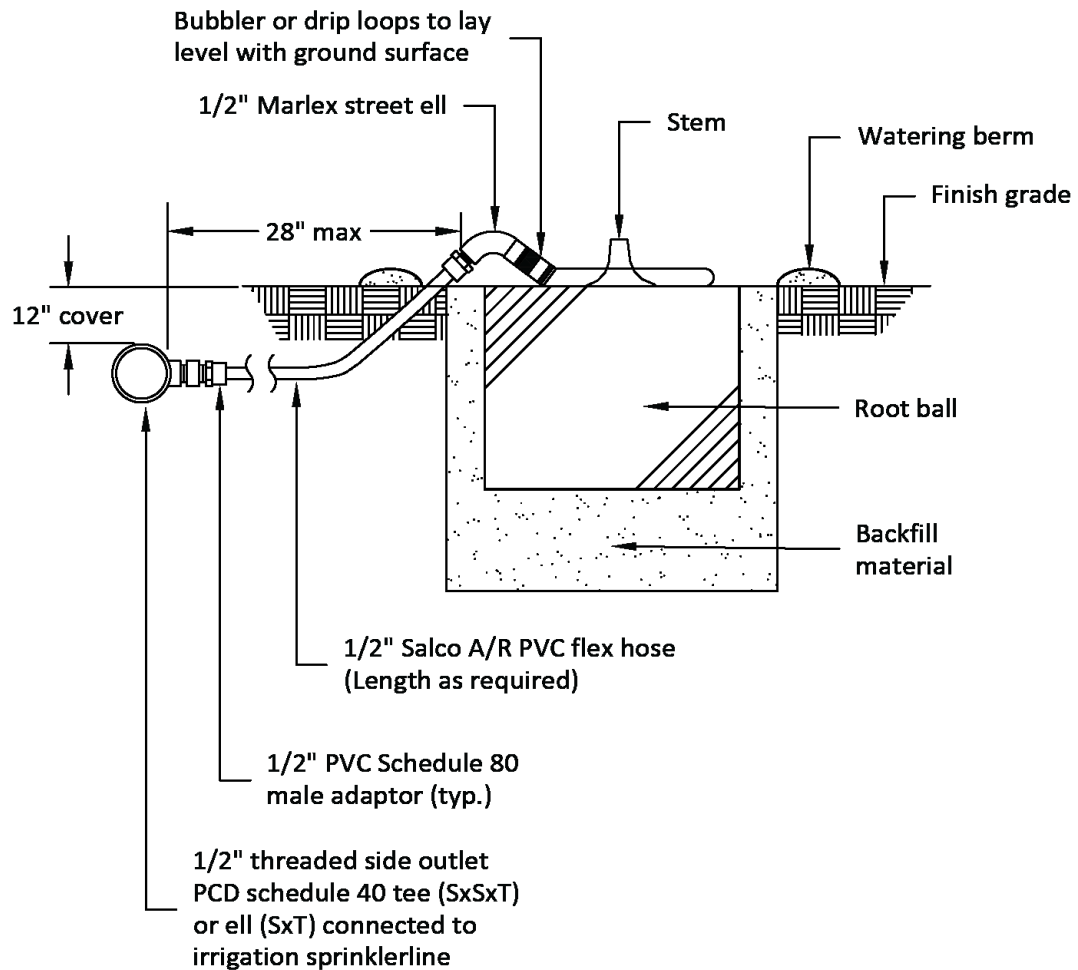
Approved by:

[Signature]

PE No. 72158

Date 01/10/18

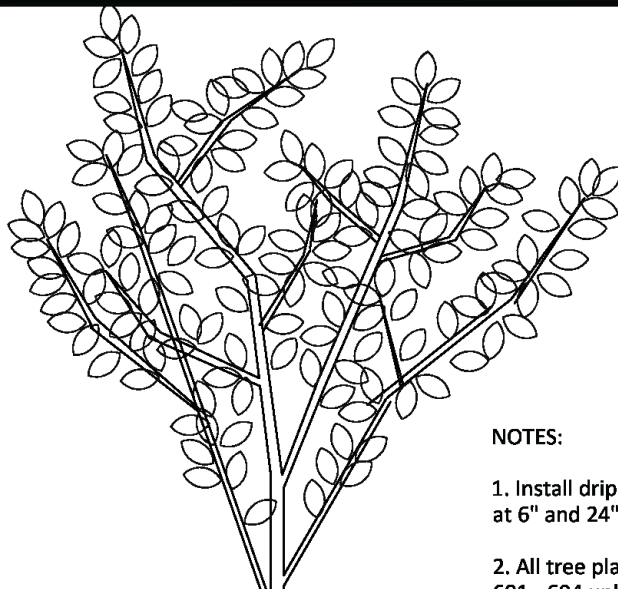
Dwg No. 603



NOTES:

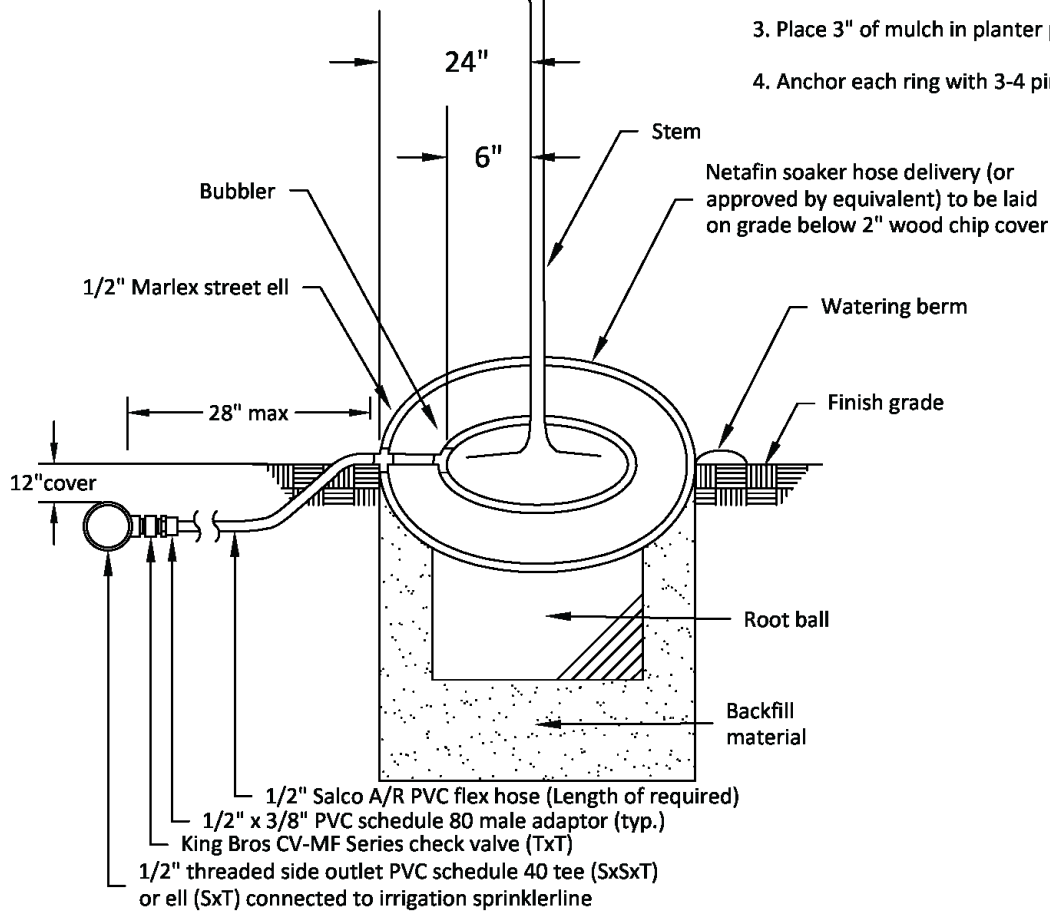
1. Trees in the City owned right-of-way shall be provided two bubblers (x2) each, placed at each root ball edge or drip loops per Drawing 513a.
2. Place 3" of mulch in planter pit over soil backfill.
3. See also Section 28 - Irrigation for more details.

Rev	By	Date	Irrigation: Bubbler Installation for Trees in Ground Cover and other Areas	Approved by:
0	JT	08/09/06		
1	RTN	08/11/17	City of Palo Alto Standard	PE No. 72158
				Date 01/10/18
Scale: NTS				Dwg No. 513



NOTES:

1. Install drip loops above root ball. Install 2 loops at 6" and 24" from tree stem.
2. All tree planting shall use Standard Drawings 601 - 604 unless otherwise specified.
3. Place 3" of mulch in planter pit over soil backfill.
4. Anchor each ring with 3-4 pins.



Rev	By	Date
0	JT	08/09/06
1	JGH	06/02/16
2	RTN	08/11/17
3	BGL	08/18/17

Scale: NTS

Irrigation:
Drip Loop System for Trees
in Ground Cover, Other Areas

City of Palo Alto Standard

Approved by:

D. DOCKTER

PE No. ISA-WE: 351

Date 08/30/2017

Dwg No. 513A