Fenced enclosures around trees are essential to protect them by keeping the foliage, canopy, and branching structure clear from contact by equipment, materials, and activities, preserving roots and soil conditions in an intact and non-compacted state, and identifying the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved. An approved tree preservation report must be added to this sheet when project activity occurs within the TPZ of a protected tree. For detailed information on Palo Alto's protected trees and tree protection during development, review the City's Tree and Landscape Technical Manual (TLTM) found at www.cityofpaloalto.org/trees *

CITY OF	THIS FORM MUST BE COMPLETED	BY A CERTIFIED ARBORIST		Urban Forestry Sect Development Revi
PALO ALTO	For ADU only & EVSE only projects, this for For OTC permits, a City Staff Arborist ma		trees@cityo	fpaloalto.org 650-496-5
that they be shown o	ode, Chapter 8.10.040, requires disclosure an n approved site plans. A completed tree disclo , all demolition or grading permit applications	osure statement must accompany	all applications f	or development that
PROPERTY ADDRESS				
1. Are there any	trees over 4" in trunk diameter being	proposed for removal?	YES	NO
2. Are there Pro	1 ected trees on the property or on adja	acent property within 30 fee	t of the propo	sed building footprint
area of work	YES (continue form)	NO (proceed to questio	n 6)	
3. Where are t	ne trees located? Check all that apply.	(Plans submitted must show	all trees over 4	" in diameter)
On adja	roperty or in the adjacent public right-of-way ent property within 30 feet of proposed build ough that its canopy overhangs the project sit	ing footprint/area of work or	osed building foo	tprint or
work, you must sche	property or within 30ft of proposed work require specie dule a Street Tree Protection Verification inspec III fencing (see attached Detail #605). NOTE: ADU or	tion by calling Public Works Ope	erations at 650-49	
4. Are there ar	y Protected Native Species Trees, Prot	ected Mature Trees, Heritag	e Trees, or De	signated Trees ?
YES	Check below) NO			
lobata Protecte	d Native Species Trees - Acer macrophyllum, Calor 11.5" DBH or more or Sequoia sempervirens 18" D d Mature Trees - Any tree equal to or greater than ad Trees - Mitigation trees or commercial and nor	BH or more 15" DBH (Excluding invasive species	and high water us	sers)
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All other tree-related reports shall be added to the space provided starting on sheet T3, adding sheets as needed. Include this sheet(s) on Project Sheet Index or Legend Page. A copy of the T-1 Sheet Set can be downloaded at http://www.cityofpaloalto.org/trees * Please note: Until the new TLTM is published the city's updated Tree Protection Ordinance takes precedence over TTM if conflict exists.

City of Palo Alto Tree Protection - It's Part of the Plan!

Make sure your crews and subs do the job right!

PROJECT SPECIFIC REQUIREMENTS

TO BE FILLED OUT BY APPLICANT AT DIRECTION OF URBAN FORESTRY STAFF

The following conditions, inspection schedules or reporting requirements will be required when checked by city staff during Urban Forestry Review of development applications.

PSR1 - TREE PROTECTION VERIFICATION INSPECTION REQUIRED: Prior to any site work, contractor must call Urban Forestry at 650-496-5953 to schedule an inspection of any required protective fencing. The fencing shall contain required warning signs and remain in place until completion of urban forestry final inspection.

PSR2 - MWELO INSPECTION REQUIRED: Prior to building final, applicant must contact Urban Forestry at trees@cityofpaloalto.org for landscape final (MWELO Inspection). Schedule inspection once irrigation and landscaping are installed to plan, and irrigation controller schedule is programed. See MWELO guidelines for details on any required thirdparty water audits.

PSR3 - TREE PERMIT REQUIRED: Plans indicate that protected trees will be removed as part of this project. Please contact the Urban Forestry review staff for the project or email trees@cityofpaloalto.org to obtain a Protected Tree Removal Permit to ensure that the project complies with PAMC 8.10.050.

PSR4 - PROJECT ARBORIST: The property owner or contractor shall hire a designated arborist to ensure the project conforms to all Planning and Urban Forestry conditions related to landscaping/trees. The project arborist must be included in a mandatory preconstruction meeting and be present during any rough grading and trenching activities occurring within 10-feet of a TPZ and any approved activities inside the TPZ.

PSR5 - PROJECT ARBORIST CERTIFICATION FORM: When required, project arborists must submit an online form [https://us.openforms.com/Form/2262bf1ac26f-4c04-8daa-15dbd9c8e08e] certifying that they have reviewed the building permit plan set with regards to trees as well as any Urban Forestry Conditions of Approval, and that all requirements have been met. The letter also confirms that any required site monitoring inspections and reporting have been arranged in advance with the contractor or owner. Project Arborist Certification Forms should be included as supporting documents when submitting an application for a building permit that required prior approval through Planning (See Project Arborist Certification Form, TLTM Section 5.03.5).

PSR6 - MONTHLY ARBORIST INSPECTIONS: The project arborist shall perform monthly inspections to monitor changing conditions and tree health. The Urban Forester shall be in receipt of an inspection summary during the first week of each calendar month or, immediately if there are any changes to the approved plans or protection measures. Reports should be submitted via the online form [https://us.openforms.com/Form/ ca5003f1-6836-4789-b534-b4dff1d457b1] (see Tree Monitoring Reports, TLTM Section 5.03.6).

PSR7 - SPECIAL ACTIVITY WITHIN THE TREE PROTECTION ZONE: Work in this area (TPZ) of a protected tree requires the direct on-site supervision by the project arborist (see Trenching and Excavation, TLTM Section 3.03.6-B5,6).

PSR8 - SPECIAL ACTIVITY WITHIN STREET TREE TREE PROTECTION ZONE: Work in this area (TPZ) of a city tree requires an inspection by a city staff arborist before cutting of any roots greater than 2 inches in diameter. It is highly recommended that the project arborist provides the direct on-site supervision (see Trenching and Excavation, TLTM Section 3.03.6-B5,6)

URBAN FORESTRY STANDARD CONDITIONS

The following conditions and/or standard Municipal Code requirements apply to all projects unless otherwise specified in project specific checklists or conditions of approval. Any applicable items shall be addressed in any permit application such as a Building Permit, Excavation and Grading Permit, Certificate of Compliance, Street Work Permit, Encroachment Permit, etc.

URBAN FORESTRY GENERAL: The following general tree preservation measures apply to all trees to be retained: No storage of material, topsoil, vehicles or equipment shall be permitted within the Tree Protection Zone (TPZ). The ground under and around the tree canopy area shall not be altered. No waste material or construction byproducts are allowed within the TPZ. Trees to be retained shall be irrigated, aerated, and maintained as necessary to ensure survival.

TREE DAMAGE: Tree Damage, Injury Mitigation, and Inspections apply to the Contractor. Reporting, injury mitigation measures, and arborist inspection schedule may apply pursuant to TLTM, Section 5.03.6. Contractor shall be responsible for the repair or replacement of any publicly owned or protected trees that are damaged during the course of construction, pursuant to Title 8 of the Palo Alto Municipal Code, and City of Palo Alto Tree and Landscape Technical Manual, Section 3.02.

TPZ EXCAVATION RESTRICTIONS APPLY - TLTM, Sec. 3.03.6 - B5,6: Any approved grading, digging, potholing, or trenching within the TPZ of a protected tree shall be performed using 'air-spade' method as a preference, with manual hand shovel as a backup. (TPZ= 10x the tree diameter at 54" above grade) For utility trenching, including sewer line, roots exposed with a diameter of 2 inches and greater shall remain intact and not be damaged. If directional boring method is used to tunnel beneath roots, then CPA Standard Detail #504 shall be printed on the final plans and the buffer distances in TLTM Table 3-4, Trenching and Tunneling Distance, shall be implemented by Contractor. Contractor must notify the Urban Forestry Section at (650) 496-5953 in advance of conducting any approved excavation within 10-feet of any street trees (or for any protected tree on EVSE projects). Urban Forestry may choose to monitor or review the work for compliance with the City's Tree Protection Zone (TPZ) excavation standards.

TREE PROTECTION COMPLIANCE: The owner and contractor shall implement all protection and inspection schedule measures, design recommendations, and construction scheduling as stated in the Tree Preservation Report and/or T-1 Sheet Set and is subject to code compliance action pursuant to PAMC 8.10.080. The required protective fencing shall remain in place until the final landscaping or Urban Forestry inspection of the project is completed.

NO NET LOSS OF CANOPY: In order to comply with the City's no net loss of canopy policy (PAMC 8.10.055; Urban Forest Master Plan Goals 6.A, 6.B, & 6.C; Comprehensive Plan, Natural Environment Chapter Goal N-2) all trees 4 inches DBH and larger are subject to replacement to avoid a loss of canopy at the neighborhood level. Replacement ratios are determined by table 3-1 in the Tree and Landscape Technical Manual, Section 3.02. New landscape tree plantings (24 inch box or larger) count towards the replacement total. Screening trees may also count toward the total depending on size and species selected. If unable to plant the required number of trees on site (our preferred solution) there is the option of paying in-lieu fees per each 24 inch box tree into the forestry fund. [Note: A replacement at ratio of 1:1 for trees listed as exempt species under PAMC 8.10.020 is recommended. Exempt trees may require full replacement on parcels zoned other than R1, RE, R-2, or RMD]

PLAN CHANGES: Revisions and/or changes to plans before or during construction shall be reviewed and responded to by the (a) project site arborist, or (b) landscape architect with written letter of acceptance before submitting the revision to Planning and Development Services Department for review by Planning, Public Works, or Urban Forestry.

PLAN SET REQUIREMENTS: The final Plans submitted for a building permit shall include the location, DBH, canopy drip-line, and TPZ of all trees 4 inches DBH or greater as well as the following information and notes on relevant plan sheets:

a. T-1 SHEET SET, The building permit plan set will include the City's full-sized, T-1 Sheet Set (Tree Protection-it's Part of the Plan!), available on the Development Center website. A certified arborist shall complete and sign the Tree Disclosure Statement.

b. TREE PRESERVATION REPORT (TPR), if indicated by Tree Disclosure Statement, All sheets of the Applicant's TPR approved by the City for full implementation by Contractor, shall be printed on numbered T-1 Sheets (T-3, T-4, etc.) and added to the sheet index.

TREE PROTECTION FENCING, The Plan Set (esp. site, demolition, grading & drainage, foundation, irrigation, tree disposition, utility sheets, etc.) must delineate/show the correct configuration of Type I, Type II or Type III fencing around each Protected Tree, using a bold dashed line enclosing the Tree Protection Zone (CPA Standard Detail #605).

City of Palo Alto

Special Tree Protection Instruction Sheet Set



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Updated 03/31/2025





as needed. Include this sheet(s) on Project Sheet Index or Legend Page. A copy of the T-1 Sheet Set can be downloaded at http://www.cityofpaloalto.org/trees

City of Palo Alto - Tree Protection - It's Part of the Plan!

City of Palo Alto



Project

T-2

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City of Palo Alto - Tree Protection - It's Part of the Plan!



All other tree-related reports shall be added to the space provided on this sheet, adding sheets as needed. Include this sheet(s) on Project Sheet Index or Legend Page. A copy of the T-1 Sheet Set can be downloaded at http://www.cityofpaloalto.org/trees

Apply Tree Preservation Report starting on sheet T-3 Use additional "T" sheets as needed

City of Palo Alto



Project

Data