

Additional information required for Tree Removal/Replacement:

2. An arborist's letter stating the survival possibilities for the tree(s) if they are not removed is not required but may be useful. If pruning, thinning, deep watering, pesticide or other treatment, feeding, removal alternatives, or other recommendations are provided by an arborist, include this information. Information on certified arborists is available from the International Society of Arboriculture at www.isa-arbor.com.
3. If the Public Works or Planning Department has directed the removal of the tree(s) provide this information.
4. Acknowledgement Form signed by neighbors, for at least 200 feet on each side of the subject property on both sides of the street, acknowledging that they are aware of the proposed removal of the tree(s). An Acknowledgement form may not be required if the tree(s) is required to be removed by Public Works; check with the Urban Forester for a determination in these circumstances. The City may require the applicant send notices to neighbors if signatures are not received. (Attached)

Information required for both Tree Removal/Replacement and Tree Protection/Relocation:

The following are generally needed in order to obtain a Tree Permit. Where there is no associated construction proposed, less detail may be provided.

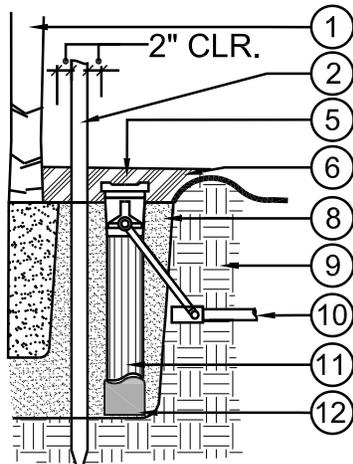
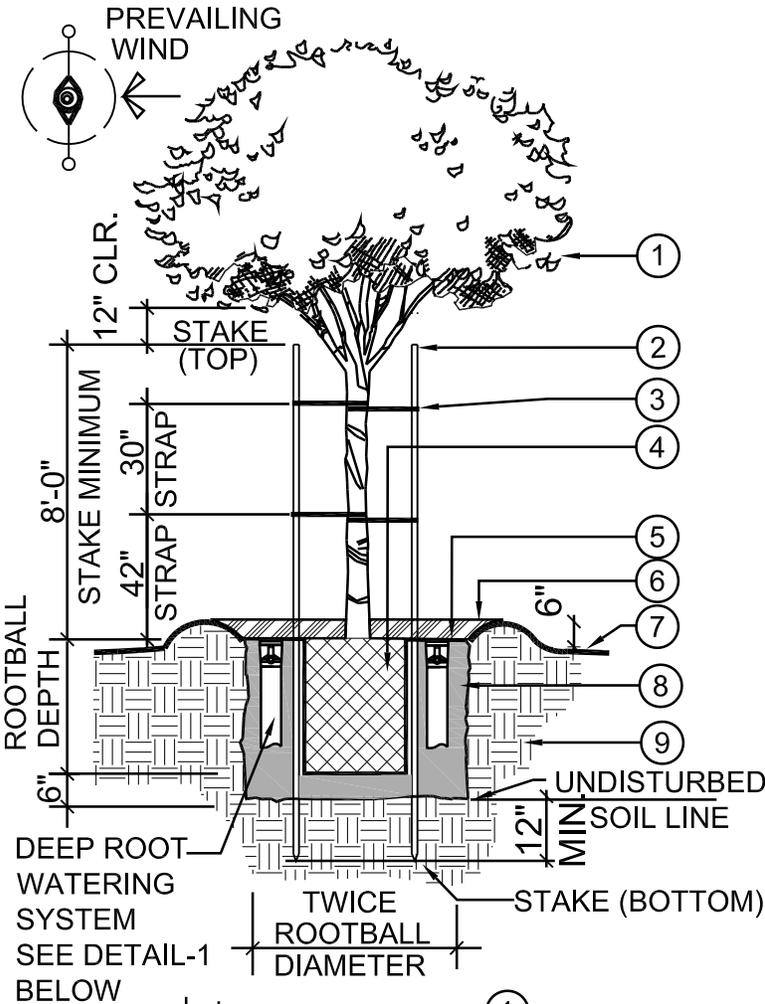
1. Provide a Tree Plot Plan (scaled 1/8 inch = 1 foot, minimally) showing the following. A survey will be required for demolition or development projects (see Survey Requirements handout):
 - (a) Property line, sidewalk, curb, parkway, parkway trees and street locations.
 - (b) Footprint (farthest extent of the exterior walls of the building) of all existing and proposed buildings and/or additions to buildings on the property. Indicate if plans for a new building or addition are in plan check with the Building Division.
 - (c) Location and height of all existing and proposed fences, walls, walkways, patios, structures, septic tanks, underground utilities or improvements in the front and streetside yards.
 - (d) Location of all tree(s) within the front and streetside yards, in the adjacent public right-of-way and on adjacent properties within 10 feet of the subject property adjacent to the front and streetside yards.
 - (e) Location (actual trunk location and diameter shown to scale), size (trunk diameter at 4'-6" above the ground, add up all the trunks for multi-trunk trees), and species (botanical and common name), for all trees.
 - (f) Location of drip line for each tree, which is the farthest extent of the canopy of the leaves of the tree.
 - (g) Designation of tree(s) to be protected/relocated, and removed and/or replaced.
 - (h) Proposed location, size, and type of replacement tree(s). Generally a minimum 36" size box tree and 1 new tree for each tree removed is required. Size, location and species of replacement trees subject to Planning approval.
5. Provide photos of all tree(s) in the front and streetside yards. Provide close up views as well as overall views of the tree(s) on the subject property, in the adjacent public right-of-way and on adjacent properties within 10 feet of the subject property adjacent to the front and streetside yards.
6. A bond, cash deposit or other financial security may be required as determined by the Urban Forester to ensure required replacement trees are planted and/or that existing trees are properly protected.

Note: Violations of the requirements of Section 10.52.120 of the MBMC are punishable as a misdemeanor or infraction and a stop work order may be issued on construction work that violates these Code requirements. Additionally, violations of the Tree Preservation requirements may result in Administrative fines up to the cost of an equal size replacement tree or the appraised value of the tree, whichever is higher. Fines are placed in a Tree Canopy Restoration Fund to plant new trees throughout the City.



**CITY OF MANHATTAN BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
PRIVATE PROPERTY PROTECTED TREE STANDARDS**

36", 48", 60" , 72" & 84" BOX TREE PLANTING DETAIL



DETAIL-1 ROOT WATERING SYSTEM

LEGEND:

- ① TREE(S) SHALL BE 36" (INCH) BOX SIZE, STANDARD TREES, UNLESS SPECIFIED OTHERWISE
- ② 2" (INCH) DIA. x 12' (FOOT) LONG LODGE POLE PINE STAKES: (2) PER TREE W/ GREEN PRESERVATIVE STAIN. INSTALL 2" CLEAR OF ROOTBALL
- ③ (2) TWO JAIN MANUFACTURER (OR EQUIVALENT) VINYL FLEX TREE TIE STRAPS, MODEL: FSTT-50 WRAP TIGHTLY AROUND EACH LODGE POLE STAKE (IN OPPOSITE DIRECTIONS) AND SECURE.
- ④ TREE ROOTBALL: 3" (INCH) ABOVE GRADE, TAPER ROOTBALL TO GRADE
- ⑤ 4" (INCH) LAYER TYPE I BARK MULCH
- ⑥ 6" (INCH) HIGH WATER RETENTION BASIN RING
- ⑦ SOIL FINISHED GRADE
- ⑧ BACKFILL WITH NATIVE SOIL
- ⑨ UNDISTURBED SITE SOIL
- ⑩ IRRIGATION PIPE (3/4") DIAMETER MIN.
- ⑪ RAINBIRD, TORO MANUFACTURER OR EQUIVALENT ROOT WATERING SYSTEM (RWS) WITH 18" TUBE BUBBLER HEAD, 0.50 GPM BUBBLER & CHECK VALVE ON RISER ASSEMBLY. INSTALL 6" (INCH) AWAY OF ROOT BALL. TWO (2) REQUIRED PER TREE.
- ⑫ ROOT WATERING SAND SOCK SHALL BE INSTALLED OVER THE RWS ASSEMBLY TO PREVENT SOIL INTRUSION.

NOTES:

1. THE INSTALLER SHALL SUBMIT THREE TREE GENUS/SPECIES OPTIONS FOR TREE PLANTING. THE URBAN FORESTER SHALL ACCEPT ONE OF THE THREE BUT RESERVES THE OPTION TO CONSIDER AN ALTERNATIVE GENUS/SPECIES.
2. THE TREE(S) SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 LATEST EDITION.
3. INSTALL (2) TWO TREE STAKES WITH (2) TWO FLEX STRAPS PERPENDICULAR TO THE PREVAILING WIND.
4. NO POLE STAKING ARE REQUIRED ON TREE(S) LARGER THAN 36" BOX SIZE.
5. NO SHRUBS, SUCCULENTS, FRUIT TREES OR CACTUS SHALL BE CONSIDERED FOR PLANTING.
6. PALMS WILL BE CONSIDERED ON A CASE BY CASE BASIS.