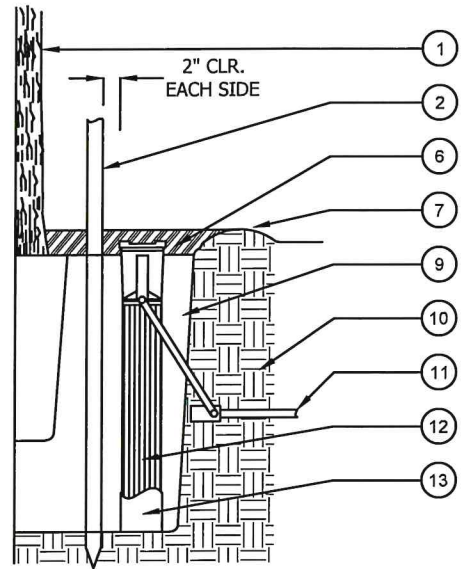
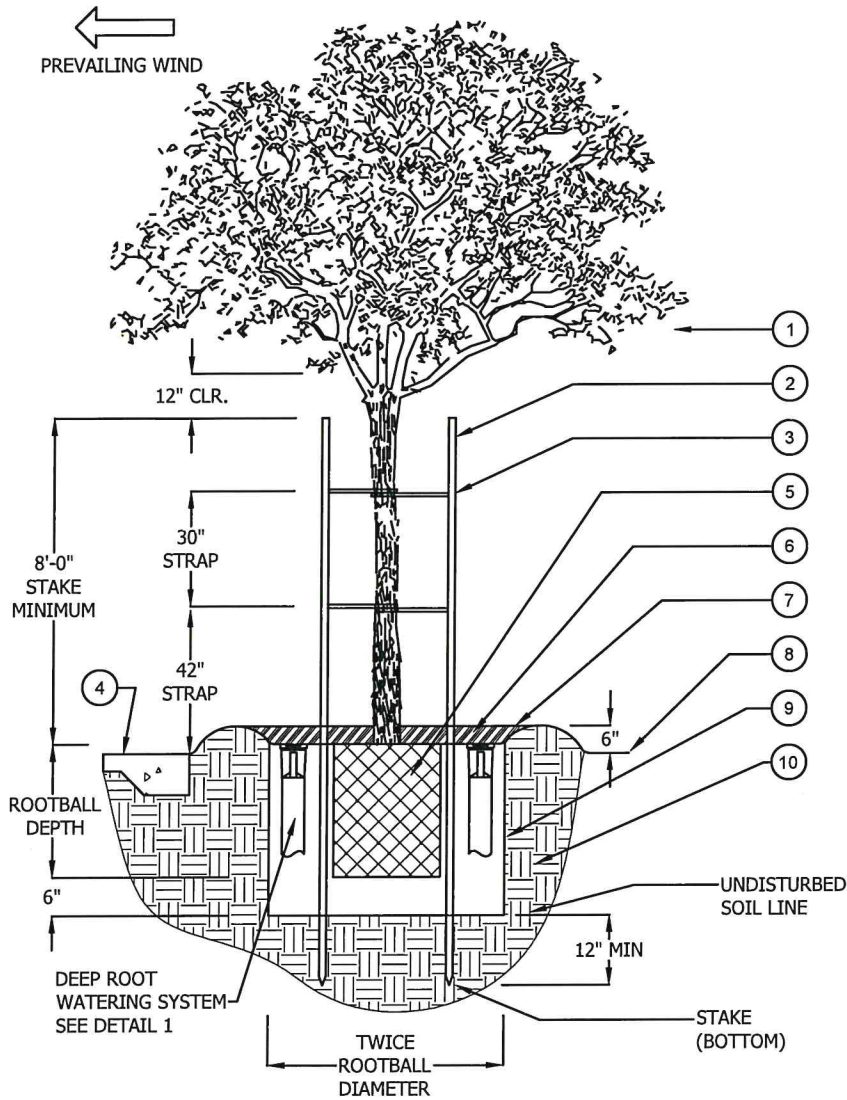


LEGEND

- ① TREE(S) SHALL BE 24", 36" OR 48" BOX SIZE, STANDARD TREES, UNLESS SPECIFIED OTHERWISE
- ② 2" DIA. X 12' 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 CONCRETE SIDEWALK
- ⑤ TREE ROOTBALL: 3" ABOVE GRADE, TAPER ROOTBALL TO GRADE
- ⑥ 4" LAYER TYPE-I BARK MULCH
- ⑦ 6" HIGH WATER RETENTION BASIN RING
- ⑧ SOIL FINISHED GRADE
- ⑨ BACKFILL WITH NATIVE SOIL
- ⑩ UNDISTURBED SITE SOIL
- ⑪ IRRIGATION WATER PIPE (3/4") DIAMETER MIN.
- ⑫ RAIN BIRD, TORO MFR. OR EQUIVALENT ROOT WATERING SYSTEM (RWS) WITH 18" TUBE BUBBLER HEAD, 0.50 GPM BUBBLER AND CHECK VALVE ON RISER ASSEMBLY. INSTALL 6" AWAY OF ROOT BALL. TWO (2) REQUIRED PER TREE.
- ⑬ ROOT WATERING SAND SOCK SHALL BE INSTALLED OVER THE RWS ASSEMBLY TO PREVENT SOIL INTRUSION.



DETAIL 1
ROOT WATERING SYSTEM

NOTES:

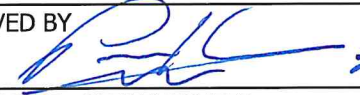
- 1. NO SHRUBS, SUCCULENTS, FRUIT TREES OR CACTUS SHALL BE CONSIDERED FOR PLANTING IN PUBLIC RIGHT OF WAY.
- 2. THE TREE(S) SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 LATEST EDITION.
- 3. NO POLE STAKING ARE REQUIRED ON TREE(S) LARGER THAN 36" BOX SIZE.
- 4. INSTALL (2) TWO TREE STAKES WITH (2) TWO FLEX STRAPS PERPENDICULAR TO THE PREVAILING WIND.
- 5. PALMS WILL BE CONSIDERED ON A CASE BY CASE BASIS.



DATE REVISED	5/15/2019
	2/05/2020

CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS

24", 36", AND 48" BOX TREE PLANTING AND STAKING DETAIL

APPROVED BY  2/5/20
PREM KUMAR, CITY ENGINEER DATE

STANDARD PLAN NUMBER
MBLI-518A-1(ST-14)
SHEET 1 OF 1