

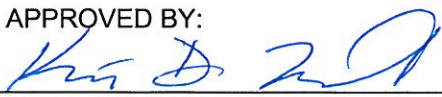
PALM TREE RELOCATION SPECIFICATIONS

THE FOLLOWING SPECIFICATIONS ARE TO BE ADHERED TO ON ALL LANDSCAPING PROJECTS INVOLVED WITH RELOCATING CITY PALM TREES.

1. THE CONTRACTED TREE MOVER SHALL HAVE PROVEN EXPERIENCE IN PALM TREE RELOCATION.
2. PALM RELOCATION PLAN SHALL BE REVIEWED AND APPROVED BY THE PARKS AND COMMUNITY SERVICES DEPARTMENT. THE DEPARTMENT SHALL BE CONTACTED 48 HOURS PRIOR TO MOVING PALMS. CONTACT THE DEPARTMENT AT (951) 817-5728.
3. PALMS GROWING IN NON-IRRIGATED ENVIRONMENTS SHALL BE IRRIGATED PRIOR TO DIGGING. IRRIGATION SHALL BE FAR ENOUGH IN ADVANCE OF DIGGING TO ENSURE THE PALMS ARE COMPLETELY HYDRATED. TEMPORARY WATER WELLS MAY BE REQUIRED. CONTACT THE PARKS AND COMMUNITY SERVICES DEPARTMENT FOR IRRIGATION REQUIREMENTS.
4. PALM RELOCATION SHOULD NOT BE CONDUCTED WHEN SOIL TEMPERATURES ARE BELOW 65 DEGREES. PLANTING OF PALMS DURING MARCH THROUGH SEPTEMBER IS RECOMMENDED. AVOID PLANTING ON 100 DEGREE F. DAYS.
5. TREE RELOCATION PROJECTS SHALL BE ORGANIZED TO COMPLETE TREE REMOVAL AND REPLANTING IN THE SAME 24-HOUR PERIOD. NO PALM TREES SHALL BE "STOCKPILED" FOR ANY PERIOD OF TIME WITHOUT APPROVAL OF THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER AUTHORIZED AGENT.
6. IF PALMS ARE NOT PLANTED WITHIN THE 24-HOUR PERIOD, THE CROWNS AND ROOT BALLS SHALL BE PROTECTED FROM THE SUN AND REFLECTED HEAT FROM THE GROUND. THE COVERING MATERIAL SHALL BE 90 % SHADE CLOTH FOR CROWNS AND MOIST BURLAP FOR ROOT BALLS. RUBBERIZED TARPULINS OR PLASTIC COVERS ARE NOT ACCEPTABLE. COVERED ROOT BALLS SHOULD BE WATERED LIGHTLY DURING THE DAY PARTICULARLY DURING HOT WEATHER. PALMS SHALL NOT BE STORED MORE THAN 48 HOURS.
7. ALL PALMS SHALL BE MOVED USING NYLON STRAPS AND CARPET PADS TO PROTECT THE TRUNK. USE OF CHAINS IS UNACCEPTABLE. SIZE OF CRANE SHALL BE ADEQUATE FOR SIZE OF THE PALM TO BE MOVED.
8. ALL ROOT BALLS OF PHOENIX AND SYAGRUS SHALL BE A MINIMUM OF 24" FROM THE BASE OF THE TRUNK AND A MINIMUM OF 4' DEEP. ANY DEVIATION IN ROOT BALL SIZE SHALL BE APPROVED BY THE DIRECTOR PRIOR TO EXCAVATION BY THE CONTRACTOR.
9. DEAD FRONDS SHALL BE REMOVED AND REMAINING FRONDS TIED UP TO AVOID DAMAGE, SHOCK AND EXCESSIVE MOISTURE LOSS. TIES TO BE JUTE OR OTHER ORGANIC TWINE.
10. TRUNKS SHALL BE SKINNED GIVING A CLEAN SMOOTH TRUNK APPEARANCE FROM THE BASE OF THE PALM TO APPROXIMATELY 4' BELOW THE LOWEST GREEN FROND OR AS DIRECTED BY CITY REPRESENTATIVE.
11. ROOT BALLS SHALL BE PROTECTED FROM THE DRYING EFFECTS OF THE SUN AND WIND. PRIOR TO TRANSPORTING PALMS, ROOT BALLS SHALL BE WRAPPED WITH MOIST BURLAP AND CROWNS WRAPPED WITH 90 % SHADE CLOTH.
12. PLANTING PITS SHALL BE 2X WIDTH AND 2X DEPTH OF THE ROOT BALL.
13. EACH PLANTING PIT SHALL HAVE DRAINAGE INSTALLED TO DRAIN OFF EXCESS WATER. A 4" DIAMETER BY 24" LONG PERFORATED PIPE WITH ¾ INCH CRUSHED ROCK PLACED AT THE BOTTOM OF THE PIT OR APPROVED EQUAL. REFER TO CFD/LMD DESIGN GUIDELINES AND STANDARD PLAN 616- STREET TREE PLANTING (PALM TREE). AN ADDITIONAL 4" PERFORATED PIPE SHALL BE INSTALLED VERTICALLY IN THE PLANTING PIT TO A DEPTH OF THE HOLE FOR MONITORING PURPOSES. PIPE SHALL BE WRAPPED WITH A LANDSCAPE FILTER FABRIC AND CAPPED WITH A REMOVABLE CAP 4" ABOVE FINISHED GRADE.

(TO BE PLACED ON)
(ALL CFD/LMD PLANS)



APPROVED BY:

 11/23/09
 CITY ENGINEER DATE
 KIP D. FIELD

CITY OF CORONA

PALM TREE RELOCATION

REVISION	DESCRIPTION	BY	DATE
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STANDARD PLAN NUMBER: **617** SHT 1 OF 2

PALM TREE RELOCATION SPECIFICATIONS (CONTINUED)

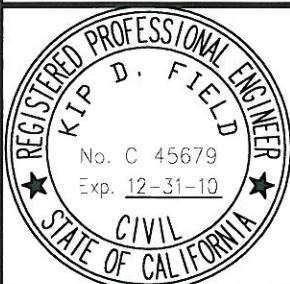
14. ALL ROOT BALLS SHALL BE CENTERED IN PLANTING PITS.
15. PLANTING DEPTH SHALL BE SUCH THAT FINAL GRADE IS LEVEL WITH THE ORIGINAL SOIL LINE OF THE ROOT BALL. ON SPECIES THAT PRODUCE AERIAL ROOTS, PLANTING SHALL BE NO DEEPER THAN THE ROOT INITIATION ZONE OF THE PALM.
16. INSTALL WITH TRUNKS ALIGNED PLUMB. PALMS SHALL BE STRAIGHTENED FOLLOWING SETTLING.
17. ALL PLANTING PITS SHALL BE BACKFILLED WITH COURSE WASHED PLASTER SAND. ALL BACKFILL TO BE WATER JETTED DURING PLANTING FOR MAXIMUM STABILITY.
18. TRUNK SUPPORTS MAY BE USED WHERE NECESSARY. RIGID SUPPORTS AND/OR GUYS MAY BE USED AT THE DISCRETION OF THE DIRECTOR. ATTACH SUPPORTS WITH BANDING AND PROTECTIVE MATERIAL AS TO NOT DAMAGE THE TRUNK. SUPPORTS SHALL BE LEFT IN PLACE FOR 6 TO 8 MONTHS OR UNTIL ROOT SYSTEM HAS ESTABLISHED AS DETERMINED BY THE DIRECTOR.
19. CONSTRUCT A 4" HIGH TEMPORARY WATERING BASIN A MINIMUM OF 12" OUTSIDE THE ROOT BALL.
20. INSTALL A COURSE MULCH RING AROUND THE BASE OF THE PALM 3" DEEP. CARE SHOULD BE TAKEN TO KEEP MULCH RING A MINIMUM OF 6" AWAY FROM THE BASE OF THE PALM.
21. AFTER PLANTING, THE ROOT BALL SHALL BE DRENCHED WITH A BROAD SPECTRUM FUNGICIDE. A FOLLOW UP DRENCHING AFTER 6 WEEKS OF INSTALLATION WILL BE REQUIRED.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND REGULATION OF SOIL MOISTURE CONTENT AND DRAINAGE UNTIL CITY FORMALLY ACCEPTS RESPONSIBILITY FOR THE PALMS. A GENERAL BASIC WATERING RECOMMENDATION GUIDELINE IS AS FOLLOWS:


WARM WEATHER- FILL BASIN TWICE WEEKLY
 COOL WEATHER- FILL BASIN ONCE A WEEKLY

A SOIL PROBE SHOULD BE USED TO SAMPLE THE SOIL WITHIN THE ROOT BALL AND SURROUNDING SOIL. SOIL SHOULD BE MOIST THROUGHOUT THE SOIL PROFILE AT ALL TIMES. THE ROOT BALL MUST NEVER BE ALLOWED TO SET IN STANDING WATER IN THE PLANTING PIT. ADJUSTMENTS IN WATERING SCHEDULE SHOULD BE MADE BASED ON MONITORING RESULTS.

23. CONTRACTOR SHALL BE RESPONSIBLE TO UNTIE FRONDS UPON CITY'S REQUEST. TYPICALLY, STRING SHALL BE CUT 45-60 DAYS AFTER PLANTING DURING WARM WEATHER AND 90 DAYS AFTER PLANTING DURING WINTER MONTHS.
24. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE TREES FOR A PERIOD OF 120 DAYS MINIMUM. CONTRACTOR SHALL REQUEST AN INSPECTION EVERY 30 DAYS BY THE CITY PARKS AND COMMUNITY SERVICES DEPARTMENT. A MINIMUM OF FOUR (4) INSPECTIONS SHALL BE COMPLETED AT 30-DAY INTERVALS PRIOR TO CITY ACCEPTANCE. CONTACT THE DEPARTMENT AT (951) 817-5728 FOR INSPECTION.

(TO BE PLACED ON
 ALL CFD/LMD PLANS)



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 11/23/09
 CITY ENGINEER DATE
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PALM TREE RELOCATION

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STANDARD PLAN NUMBER: **617** SHT 2 OF 2