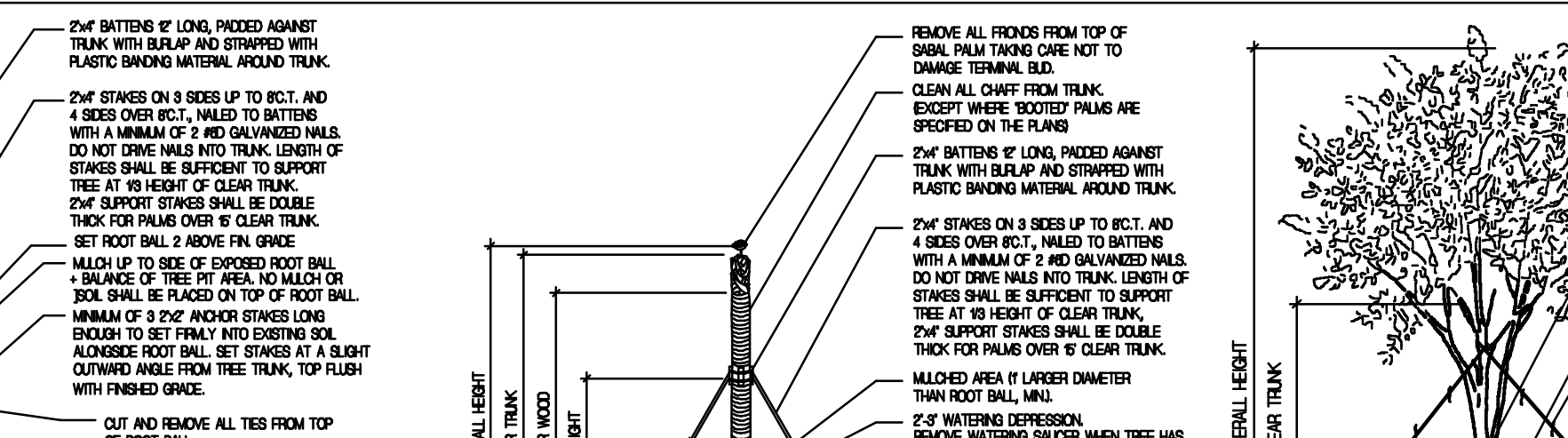
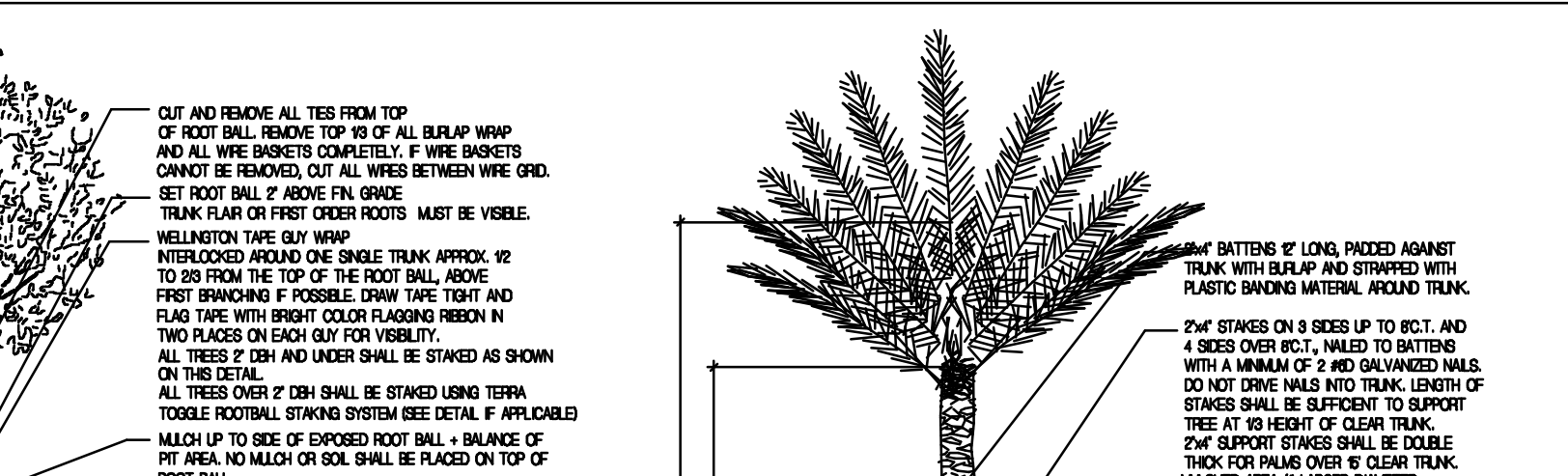


**PALM DETAIL**  
NTS



**SABAL PALM DETAIL**  
NTS



**MULTI-TRUNK TREE DETAIL**  
NTS

**GENERAL SPECIFICATIONS**

1. All plant materials shall be Florida No. 1 or better as set forth by the Florida Department of Agriculture, Grades and Standards for Nursery Plants, part 1 (current edition) and part II (current edition). All tree trunk calipers shall be measured at 4 1/2\"/>

2. Palms shall be planted so that all heads are clear of building walls and windows at mature spread.

3. All Sabal Palms, Queen Palms, Washingtonia Palms, Phoenix varieties and all other single trunk, upright varieties with six-foot (6') of clear trunk or greater shall be staked as detailed.

4. All trees shall be planted so that heads will be clear of building walls and windows at mature spread. Trees shall not be located closer than fifteen feet (15') from light poles. Locations of all trees planted in Rights-of-Way or utility easements shall be confirmed by the landscape contractor with the City Engineer before installation.

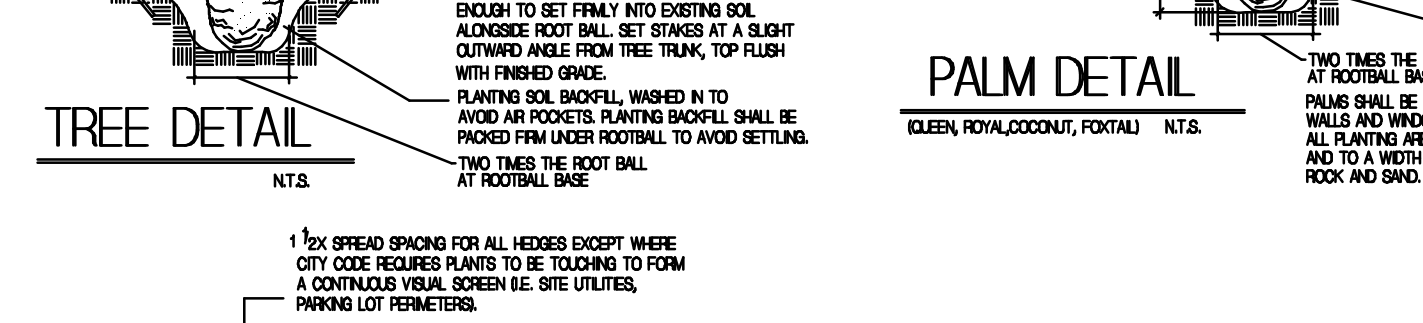
5. All trees and Palms shall be kept in an upright position. Under no circumstances shall any support method employ the driving of nails or other mechanical devices of any kind into the bark of any tree or palm. Trees rejected due to this type of damage shall be replaced with the inspector on site. Burlap material, wire cages, plastic straps, etc. must be cut and removed from the top one-half (1/2) of the root ball. Trees grown in "grow bag" type of materials must have the "grow bags" removed entirely prior to planting the tree.

6. All trees shall be planted so that heads will be clear of building walls and windows at mature spread. Trees shall not be located closer than fifteen feet (15') from light poles. Locations of all trees planted in Rights-of-Way or utility easements shall be confirmed by the landscape contractor with the City Engineer before installation.

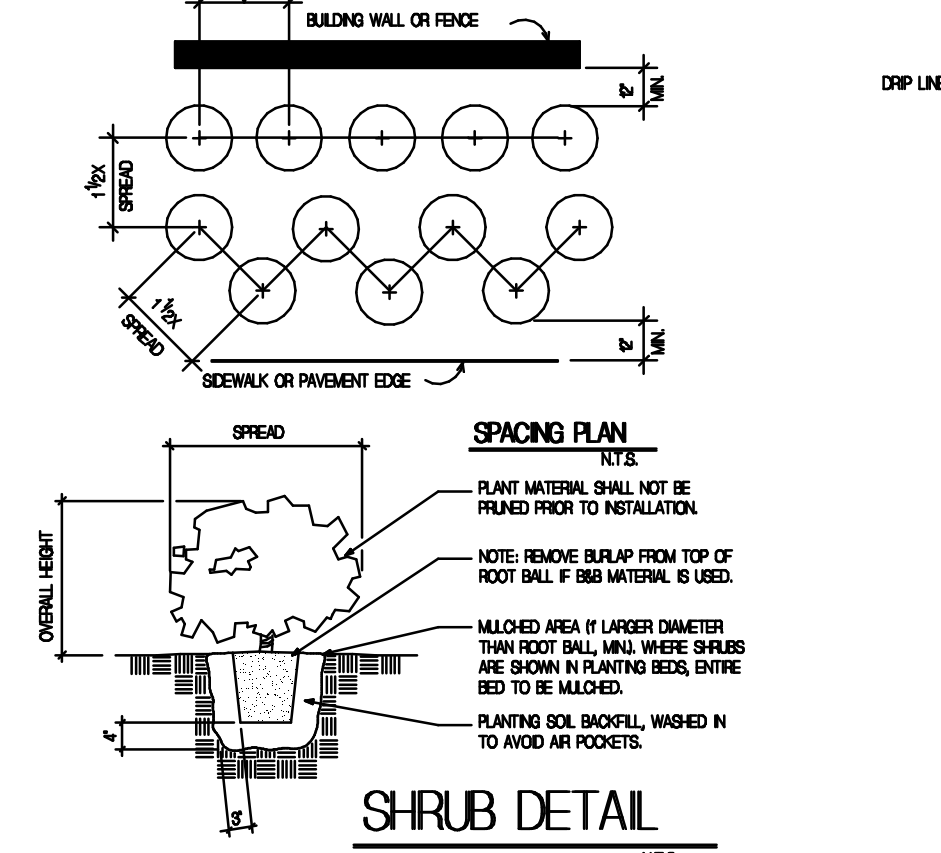
7. All trees and Palms shall be kept in an upright position. Under no circumstances shall any support method employ the driving of nails or other mechanical devices of any kind into the bark of any tree or palm. Trees rejected due to this type of damage shall be replaced with the inspector on site. Burlap material, wire cages, plastic straps, etc. must be cut and removed from the top one-half (1/2) of the root ball. Trees grown in "grow bag" type of materials must have the "grow bags" removed entirely prior to planting the tree.

8. All trees shall be planted so that heads will be clear of building walls and windows at mature spread. Trees shall not be located closer than fifteen feet (15') from light poles. Locations of all trees planted in Rights-of-Way or utility easements shall be confirmed by the landscape contractor with the City Engineer before installation.

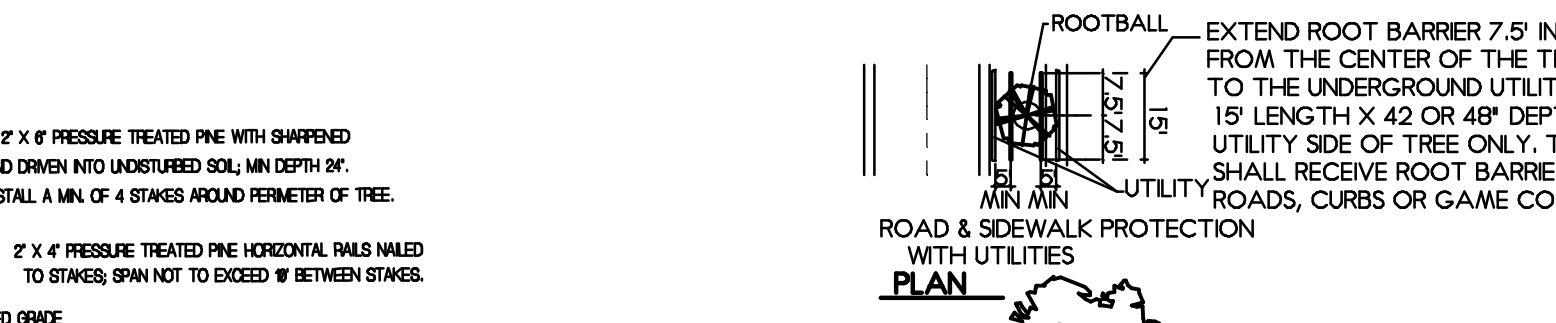
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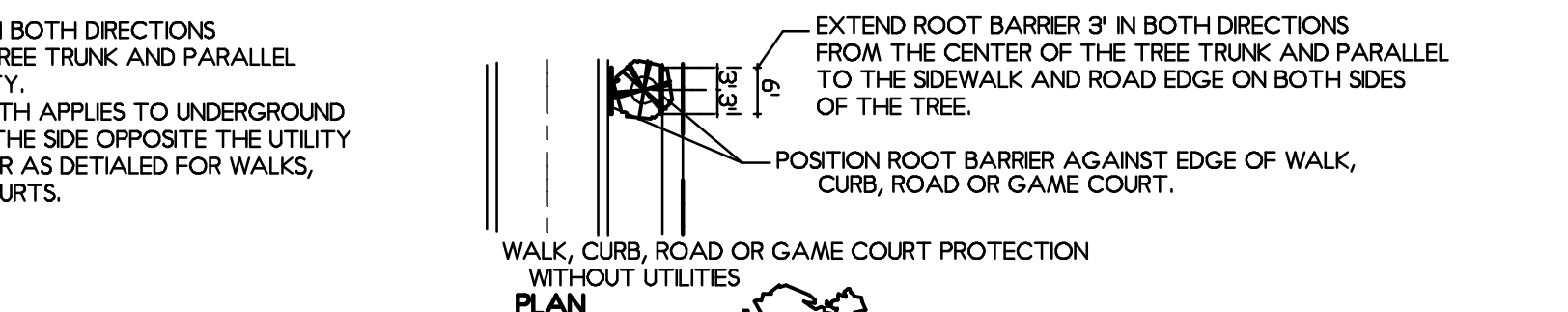
**TREE PROTECTION DETAIL**  
NOT TO SCALE



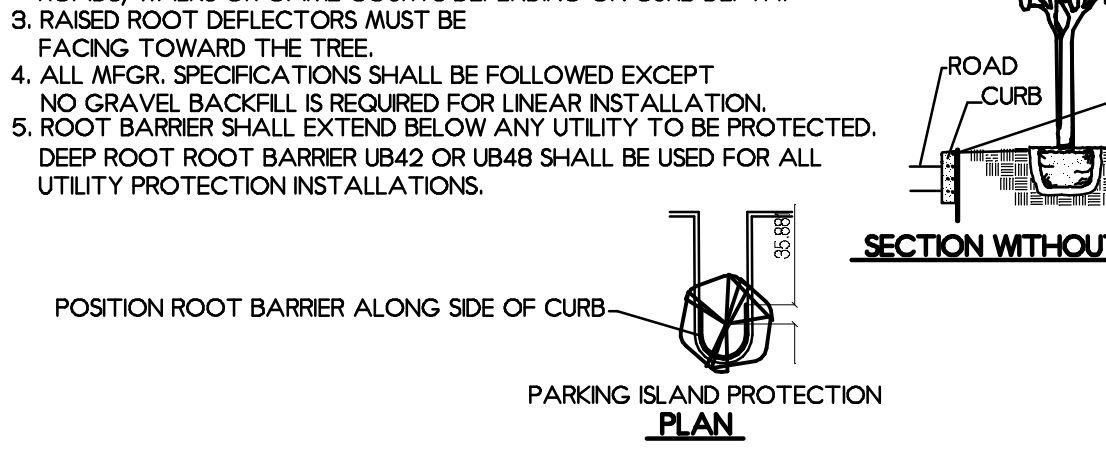
**SHRUB DETAIL**  
NTS



**SECTION WITH UTILITIES**



**SECTION WITHOUT UTILITIES**



**ROOT CONTROL BARRIER INSTALLATION DETAIL & SPECIFICATIONS**

**CITY OF COCONUT CREEK  
STANDARD LANDSCAPE NOTES**

- All landscape and specifications shall meet or exceed the minimum requirements as provided in the City of Coconut Creek Land Development Code. Plans are incomplete without written notes and specifications.
- All planting material shall meet or exceed Florida Grade #1 as specified in Grades and Standards for Nursery Plants, current edition. Trees shall not be tipped, topped, or shaped prior to installation.
- Landscape shall be placed to edge of abutting streets, canals, lakes or other lands.
- All mechanical equipment, air conditioning, irrigation pump stations and equipment, FPL transformers, pool pumps, etc., must be screened on three (3) sides by landscape shrubs.
 

**NOTE:** The quantity of screening shrubs is in addition to the required number of shrubs as provided in the code calculation table. All screening shrubs shall be planted for proper operation of equipment being screened and/or per the requirements of the utility as necessary. All hedge material required for screening purposes shall be planted with branches touching. Adjust on-center spacing as necessary and/or provide additional plants to provide an adequate screen.
- Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two inches, tree trunks excluded. Measurement shall be made from top of root ball planted at proper elevation.
- Guying/staking practices shall not permit nails, screws, wires, etc., to penetrate outer surfaces of trees, palms or other plant material. Trees, palms and plant material rejected due to this practice shall be replaced with the inspector on site.
- Burlap material, wire cages, plastic/canvas straps, etc., must be cut and removed for the top one-half (1/2) depth of the root ball. Trees and shrubs grown in grow bags or grow bag type material must have such material REMOVED ENTIRELY prior to planting the tree or shrub.
- All plant material shall be free of pests, insects, disease, weeds, etc.
- All required landscape material shall be installed using a planting soil mix comprised of a type appropriate to the individual proposed plant material and the native soil found on the site.
- All plant material shall be planted at the proper depth, as originally grown and/or so the top of the root ball is flush or slightly above finished grade immediately after planting. All trees should provide trunk taper when properly planted at the correct planting depth.
- All plant material shall be watered in at time of planting to eliminate air pockets in the root zone area.
- Color-treated or dyed mulch will not be accepted.
- Upon completion of work, the site shall be cleared of all debris, superfluous materials, and equipment caused by this permit to the satisfaction of the inspector.
- Refer to Coconut Creek Fire Equipment Clear Zone diagram to maintain a safe zone fronting fire hydrants.
- Do not plant trees, shrubs or groundcover within Electric Meter Clear Zone. Provide a safe zone as described by the Electrical Inspector.
- All landscape areas shall be provided with an underground fully automatic irrigation system using pop-up sprinklers. System shall provide 100% coverage with a 50% overlap (minimum) using rust free water, except preserved areas remaining in natural state. A rain sensor device or switch shall be installed that will override the irrigation system when adequate rainfall has occurred. Water shall not be directed and/or provided onto impervious surfaces and/or be designed or installed to throw water over an impervious surface such as a sidewalk, etc. Hours of operation for all irrigation systems shall be limited to 5:00 p.m. to 8:00 a.m. only or as may be further restricted by South Florida Water Management District or other jurisdictional agency.
- Irrigation permits and plans shall be submitted for approval at time of building permits.
- All non-single family or duplex irrigation systems other than City water systems shall require a South Florida Water Management District water use permit prior to issuance of an irrigation permit and installation of the irrigation system as required.
- All site amenities to include site street lights, landscape common open space, irrigation common open space, buffers, berms, landscape entry features, etc. leading up to and including the model center and/or first certificate of occupancy must be completed and functional prior to issuance of the first requested certificate of occupancy.
- The height of all required, designed and installed berms shall be from the highest adjacent point whether it is the sidewalk, parking area, vehicular use area, surrounding ground, etc. Where a berm abuts a sidewalk, there shall be a one (1) foot level sod area adjacent to the sidewalk prior to the start of incline for the berm.
- An inspection is required prior to the backfilling of trees/palms in all parking medians and islands.

**NOTE: THIS COMMENT SHEET IS TO BE PLACED ON ALL LANDSCAPE PLANS "AS IS".**

Development Services/Planting Documents/Standard Landscape Notes.doc

**LANDSCAPE DATA- MULTIFAMILY RESIDENTIAL**

PERVIOUS AREA PROVIDED: 181,408 SF  
SEC. 13-443(4)  
LANDSCAPE OPEN SPACE: 181,408 SF  
181,408 SF/2000 = 91 SITE TREES REQUIRED AND PROVIDED  
91 X 6 = 546 SITE SHRUBS REQUIRED AND PROVIDED

**7b. LANDSCAPE TO CANAL OR LAKE AND STREET EDGE REQUIRED AND PROVIDED**  
**7e. BUILDING PERIMETER: 1 TREE AND 10 SHRUBS/40 LF ON FRONT AND SIDE WALKWAY AREA.**

**BUILDING 1 (MULTI FAMILY - GARAGE)**  
FRONT: 520 LF / 40= 13 TREES & 130 SHRUBS REQUIRED AND PROVIDED.  
SIDES: 82 LF / 40= 3 TREES & 30 SHRUBS EACH SIDE REQUIRED AND PROVIDED.  
TOTAL BUILDING 1 TREES = 19 TREES  
TOTAL BUILDING 1 SHRUBS = 190 SHRUBS

**BUILDINGS 2, 3, 5, & 9**  
FRONT: 230 LF / 40= 6 TREES & 60 SHRUBS REQUIRED AND PROVIDED.  
SIDES: 60 LF / 40= 2 TREES & 20 SHRUBS EACH SIDE REQUIRED AND PROVIDED.  
TOTAL BUILDINGS 2, 3, 5 & 9 TREES = 40 TREES  
TOTAL BUILDING 2, 3, 5 & 9 SHRUBS = 400 SHRUBS

**BUILDING 8**  
FRONT: 138 LF / 40= 4 TREES & 40 SHRUBS REQUIRED AND PROVIDED.  
SIDES: 60 LF / 40= 2 TREES & 20 SHRUBS EACH SIDE REQUIRED AND PROVIDED.  
TOTAL BUILDING 8 TREES = 8 TREES  
TOTAL BUILDING 8 SHRUBS = 160 SHRUBS

**BUILDINGS 6 & 7**  
FRONT: 138 LF / 40= 4 TREES & 40 SHRUBS REQUIRED AND PROVIDED.  
SIDES: 55 LF / 40= 2 TREES & 20 SHRUBS EACH SIDE REQUIRED AND PROVIDED.  
TOTAL BUILDING 6 & 7 TREES = 16 TREES  
TOTAL BUILDING 6 & 7 SHRUBS = 320 SHRUBS

**BUILDING 4**  
FRONT: 90 LF / 40= 3 TREES & 30 SHRUBS REQUIRED AND PROVIDED.  
SIDES: 60 LF / 40= 2 TREES & 20 SHRUBS EACH SIDE REQUIRED AND PROVIDED.  
TOTAL BUILDING 4 TREES = 7 TREES  
TOTAL BUILDING 4 SHRUBS = 120 SHRUBS

**RECREATION BUILDING:**  
FRONT: 89'-20" ENTRY=69LF/40=2 TREES & 20 SHRUBS REQUIRED AND PROVIDED.  
LEFT SIDE: 56LF - 8' WALK=48LF/40=2 TREES & 20 SHRUBS REQUIRED AND PROVIDED.  
RIGHT SIDE: 56LF - 4' WALK=52LF / 40=2 TREES & 20 SHRUBS REQUIRED AND PROVIDED.  
REAR: 89LF- 34' WALKS = 55LF / 40=2 TREES & 20 SHRUBS REQUIRED AND PROVIDED.  
TOTAL RECREATION BUILDING TREES = 8 TREES  
TOTAL RECREATION BUILDING SHRUBS = 160 SHRUBS

**10. PERIMETER LANDSCAPE REQUIRED AND PROVIDED:**  
NORTH PROPERTY LINE: 1 TREE/40 LF AND CONTINUOUS HEDGE  
1279 LF/40= 32 TREES REQUIRED AND PROVIDED  
3 TREES PER 100 LF @ 15' HT REQUIRED.  
1279 LF/100=13 X 3=39 15' TREES REQUIRED AND PROVIDED  
CONTINUOUS HEDGE PROVIDED  
SOUTH PROPERTY LINE (R.O.W.): 1 TREE / 40 LF & CONT. HEDGE REQUIRED.  
676 LF / 40 = 17 TREES & CONT. HEDGE PROVIDED WITHIN LINEAR PARK.  
EAST PROPERTY LINE: 532 LF/40= 14 TREES REQUIRED AND PROVIDED  
CONTINUOUS HEDGE REQUIRED & PROVIDED  
WEST PROPERTY LINE: 1 TREE / 40 LF & CONTINUOUS HEDGE REQUIRED.  
365 LF/40 = 10 TREES & CONT. HEDGE PROVIDED.

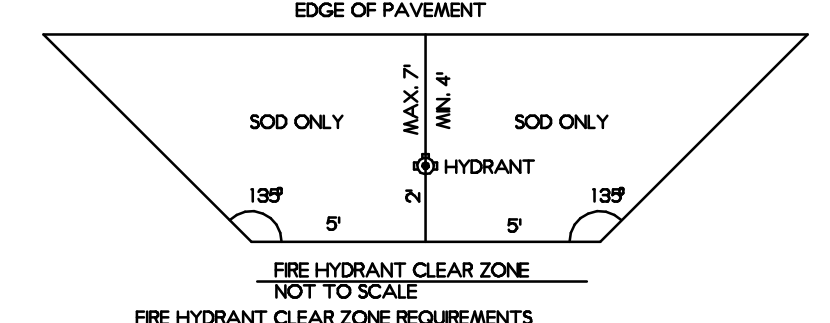
**11a. SCREEN STORAGE AND DUMPSTER AREAS REQUIRED AND PROVIDED**  
**12a. PARKING INTERIOR: 1 TREE/10 SPACES REQUIRED & PROVIDED**  
288 SPACES/10= 29 TREES REQUIRED, 46 ISLANDS AND 46 TREES PROVIDED

**13. STREET TREES REQUIRED: 17 STREET TREES PROVIDED IN LINEAR PARK**  
**15. ROADWAY BUFFERS: PROVIDED IN LINEAR PARK**  
325 TREES REQUIRED BY CODE - 377 TREES PROVIDED  
1302 SHRUBS REQUIRED + CONT. HEDGE  
1302 SHRUBS PROVIDED + CONT. HEDGE

40% SHADE TREES (130) REQUIRED, 130 PROVIDED AT 12'HT OR GREATER  
30% INTERMEDIATE TREES (98) REQUIRED, 98 PROVIDED AT 10' HT.  
MAX. OF 10% SMALL TREES, 0 (0%) PROVIDED AT 8' HT.  
145 NATIVE TREES REQUIRED, 145 (100%) NATIVE PROVIDED  
1302 SHRUBS REQUIRED, 520 (40%) NATIVE, 520 NATIVE SHRUBS PROVIDED

**TOTAL TREE REQUIREMENTS:**

518 TREES REQUIRED ON PROJECT
687 TREES PROVIDED
149 ADDITIONAL TREES PROVIDED



**FIRE HYDRANT CLEAR ZONE REQUIREMENTS**  
APPLY TO FIRE HYDRANTS, SANITARY CONNECTIONS AND ANY OTHER FIRE EQUIPMENT FOR UTILIZING FIRE HOSE ON PUBLIC OR PRIVATE PROPERTY.  
BY AUTHORITY OF THE SOUTH FLORIDA FIRE PREVENTION CODE SECT. 5211.2 THE CLEAR ZONE SHALL BE FREE OF LANDSCAPE (EXCEPT SOD), MALDROXES, PARKING, LAWN MOWERS AND ALL OTHER OBJECTS, EXCEPTS OTHER FIRE FIGHTING EQUIPMENT OR TRAFFIC POSTS TO PROTECT FIRE FIGHTING EQUIPMENT.

**RIGHT OF WAY**  
The clarity, scope, and accuracy of the drawings herein are represented by those shown on the drawings. The landscape contractor shall be responsible for obtaining all necessary permits, approvals, and licenses required for the completion of the project. The landscape contractor shall be responsible for obtaining all necessary permits, approvals, and licenses required for the completion of the project. The landscape contractor shall be responsible for obtaining all necessary permits, approvals, and licenses required for the completion of the project.

**NO REVISIONS**

JULY 9, 2008	OCT 19, 2008	JUNE 29, 2009	JULY 15, 2009	NOV. 17, 2009
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**SCALE: 1"=30'**  
**DATE: APRIL 22, 2008**  
**DRAWN BY: DRW**  
**APP. BY: MJP.**

**LANDSCAPE DETAILS AND SPECIFICATIONS FOR BEL LAGO**  
WILES ROAD, COCONUT CREEK, FLORIDA

**Michael J. Peitrow and Associates, Inc.**  
Landscape Architects  
P.O. Box 8900, Coral Springs, FL 33075  
Phone (954) 448-0850 FL Reg. #332

**SHEET NO. L-9**  
**OF TEN**

**THESE DRAWINGS ARE NOT VALID FOR SUBMITTAL OR CONTRACT CONSTRUCTION UNLESS THEY HAVE BEEN SEIGNED AND SEALED BY A LICENSED LANDSCAPE ARCHITECT AND ALL REQUIRED FEES AND TITLES HAVE BEEN PAID. CLIENT WAIVES PURPOSES & BEING ONLY.**