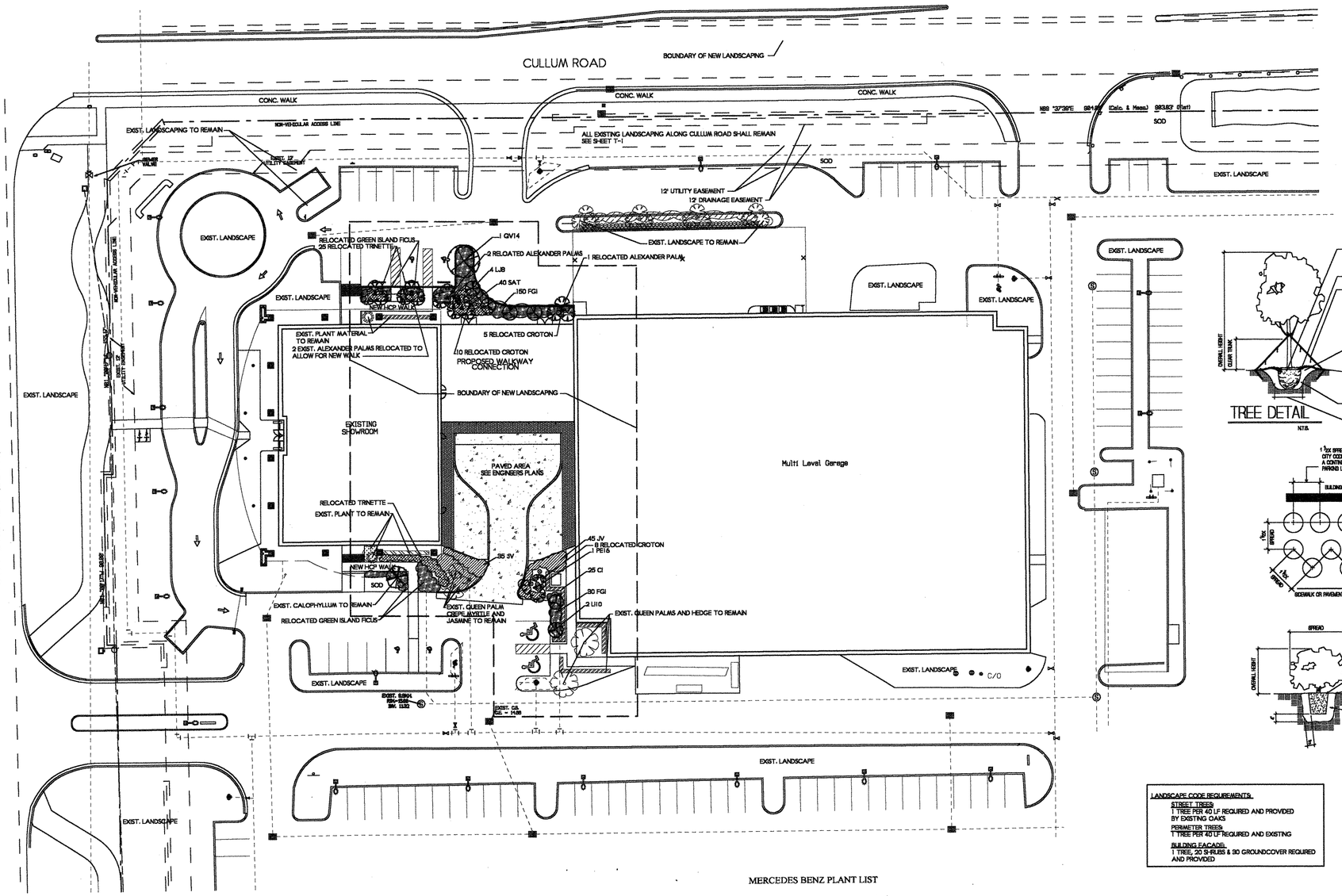
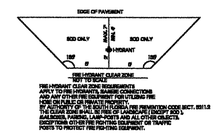
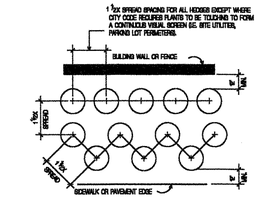


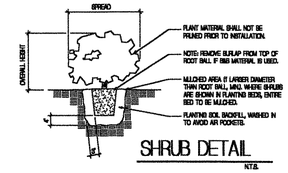


FIRE HYDRANT CLEAR ZONE REQUIREMENTS
THE HYDRANT CLEAR ZONE REQUIREMENTS APPLY TO ALL HYDRANTS LOCATED ALONG DRIVEWAYS AND ANY OTHER FIRE LANE WHICH PROVIDES FIRE HOSE ON PUBLIC OR PRIVATE PROPERTY.
THE CLEAR ZONE IS DEFINED IN THE FIRE PREVENTION CODE (MCT. 5511.0 TO 5511.03) AS THE AREA WITHIN 10 FEET OF HYDRANT (LANDSCAPE) ENTRY SIGN, MAILBOXES, PARKING, LAMP POSTS AND ALL OTHER OBJECTS.
EXCEPTIONS: CITY SETTING FOR FIRE EQUIPMENT OR TRAFFIC POSTS TO PROTECT FIRE PREVENTING EQUIPMENT.

TREE DETAIL
NTS



SPACING PLAN
NTS



SHRUB DETAIL
NTS

LANDSCAPE CODE REQUIREMENTS:

STREET TREES
1 TREE PER 40 LF REQUIRED AND PROVIDED BY EXISTING OAKS

PERIMETER TREES
1 TREE PER 40 LF REQUIRED AND EXISTING

BUILDING FACADE
1 TREE, 20 SHRUBS & 30 GROUNDCOVER REQUIRED AND PROVIDED

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 I (current editions) and part II (current editions). All tree trunk calipers shall be measured at 4 1/2' above top of root ball.
Landscaping shall be placed to edge of abutting streets, canals, lakes or other lands.
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 that 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 used employ the driving of nails or other mechanical devices of any kind into the back 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 major trees within or overhanging pedestrian areas shall have a clear trunk high enough to allow unobstructed pedestrian movement under trees.
7. All hedges shall be planted with twelve inches (12') clear space between outer branches and building walls, fences or pavement edges at the time of planting. Required hedge plants shall be planted with branches touching, as required by municipal code. All mechanical equipment, air conditioning, irrigation pumps, FPL transformers, pool pumps, etc., must be screened on three (3) sides by shrubs.
8. Irrigation source shall be from well by underground, automatic, rust free system with 100% coverage and a minimum of 50% overlap of spray. Irrigation rain sensor shall be installed. Irrigation water shall not be directed onto or over impervious surfaces.
Irrigation systems shall operate and be designated to operate between the hours of 5:00 PM and 8:00 AM. Irrigation systems other than City water shall require a South Florida Water Management District water use permit prior to the issuance of the required irrigation permit from the City and/or the operation of the irrigation system. Approved irrigation permits shall be required from the City prior to installation.
9. Planting soil shall be at least 50% muck and 50% sand pulverized and weed free, to be mixed with existing soil free from rocks and debris and backfilled into plant pits by washing in. Planting soil for Sabal Palms shall be clean sand. Existing soil may be used for planting soil if approved by the Landscape Architect.
10. Fertilizer for trees and shrubs shall be a general purpose 50% organic fertilizer 8-8-8 with minor elements, iron and manganese and shall be mixed with the planting soil at the time of backfilling.
Fertilizer for palms shall be a palm special type to include manganese and magnesium sulfate.
Application rates for all fertilizers at the time of planting shall be 1/2 the manufacturers recommendations for established plants.
11. Mulch shall be shredded eucalyptus or florimulch grade 'D' or better set at a 2" minimum depth and wet down to prevent wind displacement. No dyed or colored mulch will be accepted.
12. Sod shall be Stenotaphrum secundatum 'Floritam' solid sod, weed free and set with staggered joints. Sod shall be placed on all areas not used for buildings, vehicular use areas, swales or planting beds and shall extend to any abutting street pavement edge and to the mean waterline of any abutting canal, lake or waterway. Sod shall be placed no closer that two (2) feet from the trunk of any tree.
13. Planting plans take precedence over plant lists. The Landscape Contractor shall be responsible for doing his own takeoff. The Landscape Contractor shall familiarize himself with the municipal code and deed restrictions of the City of Coconut Creek. All existing codes, specifications, and deed restrictions shall apply. All landscaping shall meet or exceed these minimum requirements as stated in the City of Coconut Creek Land Development Code. The more stringent requirements shall apply.
14. The Landscape Contractor shall be aware of the locations of all easements and utilities above and below ground and coordinate plant locations before digging operations begin. All plant pits located in easements shall be hand dug.
15. The Landscape Contractor shall provide a written guarantee to the Owner for all plant materials and workmanship for a period no less than ninety (90) days from the time of final inspection and acceptance by the Owner.
At the end of the guarantee period, all plant materials shall be inspected by the Landscape Contractor and the Owner. All plants that are in a healthy, growing condition at the time of the inspection shall be free from further guarantee and shall be the Owners responsibility. All plants that are in questionable condition due to transplant shock shall continue under the guarantee until recovery or, if deemed severely retarded in growth or dead, shall be replaced. Replaced plant material shall be guaranteed for the same time period and under the same conditions as the original plant material. This guarantee does not apply if the plant materials have not been maintained by the Owner as instructed by the Landscape Contractor, are damaged by storms, vandalism, insect or freeze damage or acts of God beyond the Landscape Contractors control. All plants shall be free from harmful plant pests at the time of planting.
16. Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two (72) inches, tree trunks excluded.
17. All site amenities to include street and internal lighting, landscaped common areas, entrances, open space, irrigation, buffers, etc. leading to and including the first certificate of occupancy, must be completed and functional prior to the issuance of the requested certificate of occupancy.
18. All common area landscape shall require permits from the City prior to installation.

MERCEDES BENZ PLANT LIST

NOTE: The quantities on this plant list are to be used as a guide only. Bidder shall do independant takeoff for bidding purposes.

* Denotes native plants.

CT =CLEAR TRUNK GW = GREY WOOD DBH = DIAMETER BREAST HEIGHT (4 1/2') OA = OVERALL HEIGHT
FTB= FULL TO BASE HVY= HEAVY TRUNK CAL= CALIPER @ 6" / 12" PER GRADES & STDS. SING.= SINGLE TRUNK
DBL= DOUBLE TRUNK TRP.= TRIPLE TRUNK STD.= TREE STANDARD MULT = MULTI-TRUNK
STAG = STAGGERED HEIGHTS B&B= BALLED AND BURLAPPED FG= FIELD GROWN
ALL PLANT MATERIALS MUST ADHERE TO CURRENT GRADES AND STANDARDS FOR FLORIDA NUMBER ONE QUALITY OR BETTER

SYM	QNT	BOTANICAL NAME	COMMON NAME	OA HEIGHT	SPREAD	TRUNK SPECS.	TRUNK DIA.	COMMENTS
CI	25	Chrysobalanus icaco	Cocoplum	18"	18"			
FGI	180	Ficus microcarpa	Green Island Ficus	18"	18"			
JV	80	Jasminum volubile	Wax Jasmine	24"	18"			Full
LI10	2	Lagerstroemia indica	Crape Myrtle	10'	4'	3'-4.5'CT		
LJ8	4	Ligustrum japonicum	Wax Privet	8'	4'	3'CT		MULT
PE16	1	Ptychosperma elegans	Solitaire Palm	16'				Triple
QV14	1	Quercus virginiana	*Live Oak	14'	7'	4.5'CT	3"dbh	
SAT	40	Schefflera arborcola "Trinette"	Dwarf Var. Schefflera	24"	18"			

OTHER LANDSCAPE MATERIALS:

MUL	Mulch (in Bags)	As needed
SOIL	Planting Soil (Cubic Yards)	As needed
SOD	TO BE MEASURED IN FIELD	LOCATION AS SHOWN ON PLAN & GENERAL SPECIFICATIONS

THESE DRAWINGS ARE NOT VALID FOR SUBMITTAL OR CONTRACT CONSTRUCTION USE UNLESS SIGNED, SEALED & DATED WITH AN ORIGINAL SIGNATURE & EMBOSSED SEAL. THE DRAWINGS ARE INTENDED FOR BIDDING & SEALED DRAWINGS MAY BE USED FOR CLIENT IN HOUSE PURPOSES & BIDDING ONLY.

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To the best of our knowledge, the plans and specifications submitted herewith comply with the applicable codes and ordinances. No warranty either expressed or implied, is hereby given. Errors of the plans preparation, no warranty either expressed or implied, is hereby given.

NO	REVISIONS
	JULY 13, 2011

SCALE: 1"=30'
DATE: MAY 20, 2011
DRAWN BY: M.J.P.

LANDSCAPE RENOVATION PLAN
MERCEDES BENZ OF COCONUT CREEK
COCONUT CREEK, FLORIDA

Michael J. Petrow and Associates, Inc.
Landscape Architecture
P.O. Box 8991, Coral Springs, FL 33075
Phone: (954) 448-8659 FL Reg. #282

SHEET NO: L-1
OF: ONE