



M.L.A. Group, Inc.  
Landscape Architecture  
1016 NE 45th Street  
Oakland Park, Fl. 33334

# Transmittal

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**Project No.:**

**Client No.:**

**Date:**

**Project:**

**Deliver to:** CITY OF COCONUT CREEK

**VCA  
Coconut Creek, Fl.**

**Address:** DEPT. OF PLANNING AND ZONING

**Items:**

**Landscape Plans:**   X    
**Irrigation Plans:**             
**Siteplans:**             
**Other:**           

**Comments:**

SEE ATTACHED REVISED SHEET L-4 DATED 2/17/14  
  
REASON FOR REVISION: PAVER CHANGE DUE TO LACK OF AVAILABILITY FOR PREVIOUSLY SPECIFIED CITY PAVER

**From:** Scott McClure

**Delivery by :** Picked up by client

LANDSCAPE CALCULATIONS  
 CITY OF COCONUT CREEK  
 SITE AREA: 43,614 SF. 1.01 AC  
 PERV: 14,676

INTERIOR  
 1 TREE & 5 SHRUBS PER 1000 SF  
 OF PERVIOUS AREA (14,676 SF)

15 TREES REQUIRED  
 15 TREES EXISTING

75 SHRUBS REQUIRED  
 75 SHRUBS EXISTING

FRONT AND SIDE BLDG LANDSCAPE  
 1 TREE 5 SHRUBS & 30 GROUND COVER PER 40LF.  
 246 LF./40 = 7 TREES REQ.  
 7 TREES PROVIDED  
 35 SHRUBS REQ.  
 35 PROVIDED  
 210 GROUND COVER REQ.  
 210 PROVIDED

CORNER LOT  
 1 TREE AND 4 SHRUBS IN CORNER LOT  
 1 TREE REQ  
 1 TREE EXISTING  
 4 SHRUBS REQ.  
 4 SHRUBS EXISTING

INTERIOR/VUA  
 1 TREE PER 10 SPACES  
 39 SPACES/10 = 4 TREES REQ.  
 4 TREES EXISTING

OTHER VEHICULAR USE AREAS  
 1 SF. LANDSCAPE PER 100SF. PAVED AREA (NOT PARKING)  
 39 PARKING SPACES (300) = 11,700 SF.  
 21,250 SF. -11,700 = 9800 SF. OTHER VUA  
 9800 SF./100 = 98 SF. LANDSCAPE AREA REQ.  
 98 SF. EXISTING

STREET TREES  
 W/O OVERHEAD ELECT. (REGENCY LAKES BLVD.)  
 1 TREE PER 40 LF. 185 LF./40 = 5 TREES REQ.  
 5 EXISTING  
 WITH OVERHEAD ELECT. ST. RD 7) 1 TREE PER 30 LF.  
 140 LF./30 = 5 TREES REQ.  
 5 TREES PROVIDED

BUFFER OPEN SPACE TREES  
 W/O OVERHEAD ELECT. 1 TREE PER 2,000 SF.  
 4625 SF./2000 = 3 TREES REQ. (REGENCY LAKES BLVD.)  
 3 TREES EXISTING  
 WITH OVERHEAD ELECT. - 1 TREE PER 1,000 SF.  
 3,500 SF./1,000 = 4 TREES REQ. (SR. 7)  
 4 TREES PROVIDED

BUFFER HEDGE  
 325 LF. @ 2' O.C. = 163 SHRUBS REQ.  
 163 SHRUBS EXISTING

BUFFER OPEN SPACE SHRUBS  
 1 SHRUB PER 200 SF. OPEN SPACE  
 8,125 OPEN SPACE/200 = 41 SHRUBS REQ.  
 41 SHRUBS PROVIDE

LANDSCAPE TOTALS

TREES	REQ.	PROVIDED/EXISTING
NATIVE TREES	44	44
SHRUBS	339	339
NATIVE SHRUBS	170	170
PALMS 50% MAX	22	22

CITY OF COCONUT CREEK TREE PROTECTION NOTES:

Place and maintain protective barriers around the drip line of all trees to be retained on the site to prevent their destruction or damage. The protective barriers shall be at least four (4) feet in height and conspicuously colored to be seen easily by operators of trucks and other equipment. Protective barriers shall be constructed of sturdy material (not flagging or ribbons) and shall be installed prior to and during construction and/or land development;

(2) Not store or use materials or equipment within the drip line of any tree to be retained on site unless the activity is being done to protect trees;

(3) Not discharge or contaminate the soil within the drip line of any tree to be retained on site with any construction materials such as paint, oil, solvents, petroleum products, asphalt, concrete, mortar, or other materials that may cause adverse impacts;

(4) Clearing of vegetation within the dripline of trees designated for preservation shall only be by hand or light rubber wheeled equipment that will not damage tree roots; said equipment shall be a maximum of forty-eight (48) inches wide, tire to tire, with a maximum weight of three thousand five hundred (3,500) pounds;

(5) Utilize retaining walls and drywells where needed to protect trees to be preserved from severe grade changes;

(6) Pruning of trees to be preserved shall be in accordance with the standards for pruning established by ANSI A-300;

(7) Make no attachments, other than those of a protective and nondamaging nature, to any tree to be retained on the site;

(8) Not change the natural grade above the root system within the drip line of any tree to be retained on site unless it can be demonstrated to the city that it will not damage any tree;

(9) Avoid any encroachments, excavations or severe grade changes within the drip line of preserved trees unless it can be demonstrated to the city that it will not impact any tree; and

(10) Not cause soil compaction within the dripline of any tree to be retained on site; and

(11) Any trees designated to be preserved which are damaged during construction shall promptly be repaired.

(12) Protection of trees. No attachments, other than those of a protective and nondamaging nature, shall be attached to any tree, except those trees approved by the city to be eliminated and not to be retained or relocated.

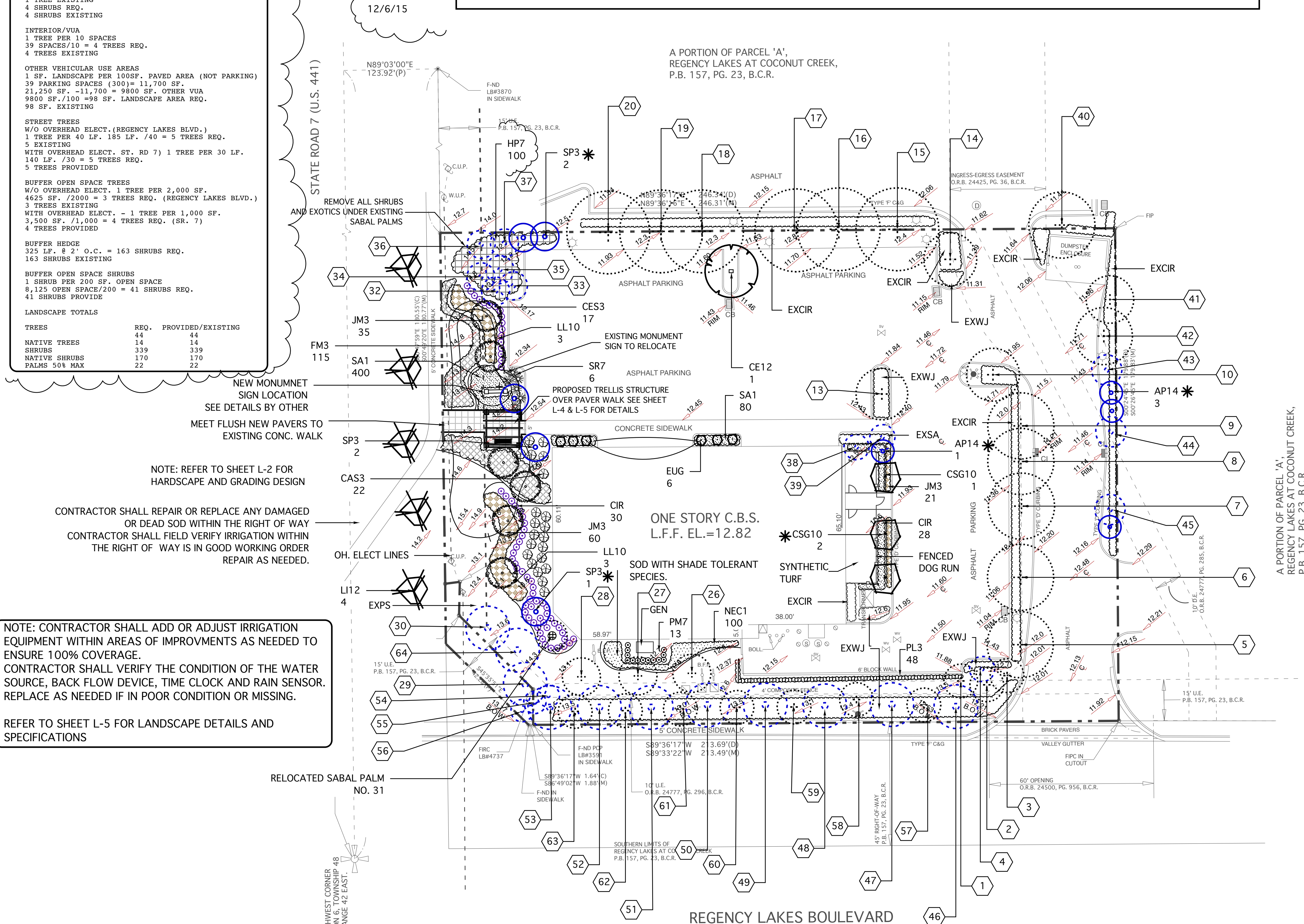
(13) Any missing or dead plants in existing shrub beds that are to remain shall be replaced to match existing plant species and size.

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NOTE: CONTRACTOR SHALL ADD OR ADJUST IRRIGATION EQUIPMENT WITHIN AREAS OF IMPROVMENTS AS NEEDED TO ENSURE 100% COVERAGE. CONTRACTOR SHALL VERIFY THE CONDITION OF THE WATER SOURCE, BACK FLOW DEVICE, TIME CLOCK AND RAIN SENSOR. REPLACE AS NEEDED IF IN POOR CONDITION OR MISSING.

REFER TO SHEET L-5 FOR LANDSCAPE DETAILS AND SPECIFICATIONS

MASTER PLANT LIST

KEY	PLANT NAME	SPECIFICATION	QUANTITY
CAS3	CRINUM ASIATICUM CRINUM LILLY, QUEEN EMMA PURPLE	36" X 30" O.A. 5 PMP MIN. HIGH DROUGHT TOLERANCE	21
CE12	CONOCARPUS ERECTUS GREEN BUTTONWOOD TREE	12' HT X 6' SPR. MIN. 5' CT. 2.5" CAL. NATIVE, HIGH DROUGHT TOLERANCE	1
CSG10	CORDIA SEBESTENA ORANGE GEIGER TREE	10' HT X 5' SPR. MIN. MULTI-TRUNK 4.5' CT. B&B, FG NATIVE HIGH DROUGHT TOLERANCE	3
CES3	CONOCARPUS ERECTUS SERICEUS SILVER BUTTONWOOD	24" X 24" SPR. 24" O.C. FULL TO GROUND, NATIVE HIGH DROUGHT TOLERANCE	17

FM3	FIGUS MICROCARPA GREEN ISLAND FIGUS	12" X 15" 18"-24" OC. HIGH DROUGHT TOLERANCE	115
HP7	HEMELIA PATENS FIRE BUSH	24" X 24" SPR. 24" OC NATIVE HIGH DROUGHT TOLERANCE	100
JM3	JASMINE MULTIFLORUM DOWNY JAS.	18" X 18" SPR. 24" O.C. MEDIUM DROUGHT TOLERANCE	111
LI12	LAGERSTROEMIA INDICA CREPE MYRTLE 'TUSKEGEE'	12' X 5' SPR. 2.5" CAL. 4.5' CT. SINGLE TRUNK HIGH DROUGHT TOLERANCE	4
LL10	LIGUSTRUM LUCIDUM TREE LIGUSTRUM	10' X 5' SPR. MULTI-STEM, 3' C.T. MIN. NO CROSSING BRANCHES & SEPARATE STEMS FROM GROUND UP	6
NBM1	NEPHROLEPIS BISERRATA 'MACHO' FERN	24" X 124" SPR. 24" .30" OC. SHADE GROWN	17
NEC1	NEPHROLEPIS EXALTATA " COMPACTA" BOSTON FERN	12" X 12" 15" O.C. NATIVE	100
PL3	PSYCHOTRIA LIGUSTRIFOLIA WILD COFFEE	24" X 24" SPR. 24" OC. NATIVE MEDIUM DROUGHT TOLERANCE	48
SOD	ST. AUGUSTINE FLORITAM ADD AND REPLACE AS NEEDED USE SHADE TOLERANT SPECIES AS NOTED ON PLAN	CONTRACTOR TO VERIFY QTY FOR AREAS MISSING OR IN POOR CONDITION	
SP3	SABAL PALMETTO CABBAGE PALMT	14'-18' OA. SMOOTH TRUNK NURSERY GROWN STOCK ONLY. NATIVE HIGH DROUGHT TOLERANCE	5
SR7	SERENOA REPENS SAW PALMETTO	24" X 24" 36" O.C. NATIVE HIGH DROUGHT TOLERANCE	6
API4	PTYCHOSPERMA ELEGANS ALEXANDRA PALM	12-18' OA. 6' GW. MATCHED B&B 4" CAL	7
CIR	CHRYSOBALANUS ICACO RED TIP COCOPLUM HEDGE	24" HT X 24" SPR. 24" O.C. NATIVE MEDIUM DROUGHT TOLERANCE	76
EUG	EUGENIA COMPACTA TOPIARY PYRAMID SHAPE	4' HT. MATCHED SPEC. FULL TO BASE	6
PM7	PODOCARPUS MACROPHYLLA YEW PODOCARPUS	36" X 20" SPR. 24" O.C. FULL TO BASE	13
SA1	SEASONAL ANNUALS TO BE SELECTED BY OWNER	8" -10" O.C FULL TO POT COLOR - DETERMINED BY OWNER	480

NOTE: CONTRACTOR SHALL DO OWN TAKE FROM PLANS PLANS SHALL TAKE PRECEDENCE SHOULD A DISCREPENCY OCCUR

\* INDICATES REPLACEMENT MATERIAL FOR REMOVALS AS NOTED ON SHEET L-3

# INDICATES EXISTING TREE NO. REFER TO SHEET L-3 FOR SPECIFICATIONS

REVISIONS:  
 REV: city comments 12/6/15

SHEET TITLE:  
 LANDSCAPE  
 PLANTING  
 PLAN

PROJECT:  
 VCA HILLSBORO ANIMAL HOSPITAL  
 5619 REGENCY LAKES BLVD  
 CITY OF COCONUT CREEK  
 BROWARD COUNTY, FLORIDA

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SCALE: 1"=20'  
 DATE DRAWN: 11-28-14  
 SHEET NO.

L-1