

ELECTRONIC SIGNATURE AND SEAL
Jeffrey W. Smith, RLA
Prepared, Reviewed & Supervised By:
Conceptual Design Group, Inc.
100 East Ocean Boulevard, Suite 1304
Boca Raton, Florida 33433
(772) 344-2340 LC: 20000198

Digitally signed by Jeffrey W Smith
Date: 2018.11.29 12:07:57 -05'00'



Conceptual
Design
Group, Inc.
Landscape Architecture - Site Planning
900 East Ocean Boulevard, Suite 1304
Boca Raton, Florida 33433
(772) 344-2340
LC: 20000198

These drawings are the property of the
landscape architect and are not to be
used for any other project without the
written permission from the landscape architect.
Report any discrepancies immediately
to the landscape architect.



Bowman
CONSULTING
Certificate of Authorization License No. 10010

Bowman Consulting Group, LLC
13450 W. Sunrise Blvd.,
Suite 300
Boca Raton, FL 33433
Phone: (561) 314-4470
www.bowmanconsulting.com
© Bowman Consulting Group, LLC

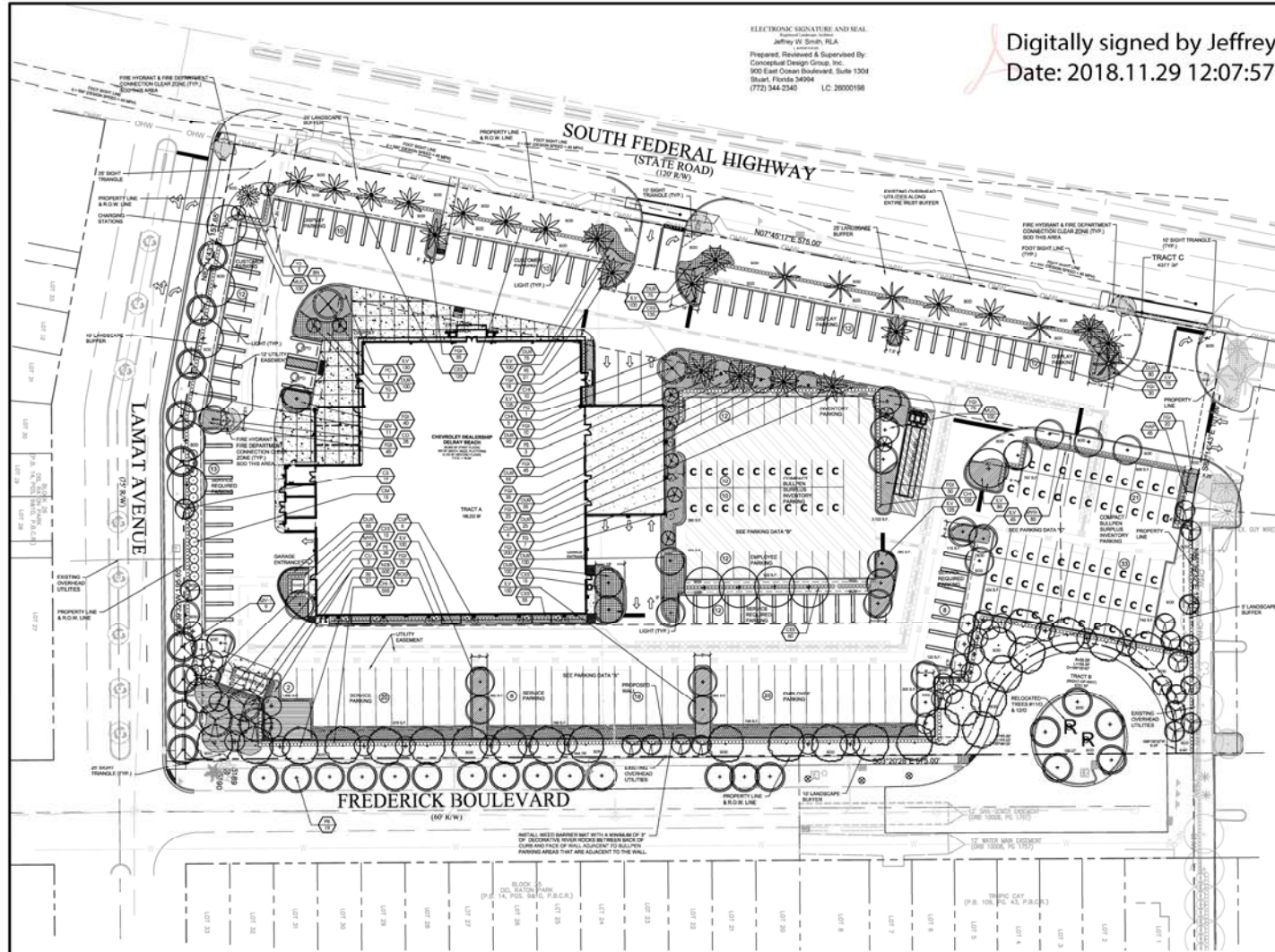
LANDSCAPE PLAN
CHEVROLET - DELRAY BEACH
2605 NORTH FEDERAL HIGHWAY
DELRAY BEACH, FLORIDA 33483
CITY OF DELRAY BEACH

Prepared, Reviewed & Supervised By:
Conceptual Design Group, Inc.
100 East Ocean Boulevard, Suite 1304
Boca Raton, Florida 33433
(772) 344-2340 LC: 20000198
Name: Jeffrey W. Smith, RLA
License: # 1-00000000

PLAN REVISIONS
1. 11/29/2018 JOHN SMITH & JESSICA CROFT
2. 12/12/2018 JOHN SMITH & JESSICA CROFT
3. 12/12/2018 JOHN SMITH & JESSICA CROFT
4. 12/12/2018 JOHN SMITH & JESSICA CROFT
5. 12/12/2018 JOHN SMITH & JESSICA CROFT

DATE DESCRIPTION
JWS DESIGN JWS DRAWING JWS CHKD
SCALE
JOB NO. 200 18-010
DATE 11/29/2018
FILE

SHEET L-1 3



PLANT LIST

QTY	SPW	SPECIES	COMMON NAME/DESCRIPTION	SIZE	SPACING	REMARKS	WATER USAGE
27	80"	BURSERIA PAUCIFLORA	GUARD LINDO	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
28	60"	COCCOLoba DIVERSIFOLIA	POISON PLUM	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
19	60"	COCCOLoba DIVERSIFOLIA	SILVER BUTTERNUT	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
30	60"	COCCOLoba DIVERSIFOLIA	SEAGRASS	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
38	60"	PRUNUS ELIOTTI	SLASH PINE	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
19	60"	PRUNUS ELIOTTI	RED BAY	20" x 8" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
9	60"	QUERUS VIRGINIANA	LIVE OAK	20" x 8" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
11	60"	QUERUS VIRGINIANA	LIVE OAK	18" x 7.7" OAL	A.S.	FULL CANOPY, 8" C.T. MIN.	LOW
21	60"	TRICHODIA GRACIOSA	TRICHODIA STANDARD	8" x 6" OAL	A.S.	FULL CANOPY, 10" LBS UP	LOW
2	FC	PHODIA CARRIENSIS	CARRY BAY DATE PALM	12" C.T.	A.S.	CLEAN SYMMETRICAL FAT STRAIGHT TRUNKS, MATCHED	LOW
1	FC	PHODIA CARRIENSIS	WILD DATE PALM/STREETER	12" C.T.	A.S.	CLEAN SYMMETRICAL FAT STRAIGHT TRUNKS, MATCHED	LOW
1	BN	BOUQUETIA NOBILIS	BOUQUETIA PALM	18" C.T.	A.S.	FAT STRAIGHT TRUNKS, MATCHED	LOW
1	BN	BOUQUETIA NOBILIS	FLORIDA ROYAL PALM	18" C.T.	A.S.	FAT STRAIGHT TRUNKS	LOW

General Notes

- All utility lines and structures, air conditioning, etc., not currently known or shown on the plan, shall be screened with Coccoloba species or other trees. Size of plants shall be the same as specified in the Plant List.
- Contractor to include drainage for all trees and plants in soil. If drainage is inadequate and the soil specification in item #8 of the landscape specifications is not appropriate for site conditions, the soil mixture shall be revised for the site conditions. The Contractor shall notify the Owner and Landscape Architect of the poor drainage conditions in writing and written direction will be provided to the contractor of appropriate soil mixture specification to be used.
- All prohibited, exotic and invasive species shall be removed from the entire site area of site prior to issuance of certificate of occupancy.
- All required landscape improvements must be inspected and approved by the City of Delray Beach prior to the issuance of a Certificate of Occupancy.
- The plan has been designed to meet with the tree planting requirements contained within the FPL document entitled "Plant the Right Tree in the Right Place" on file (proposed) planting.
- Planting adjacent to the highway shall have a minimum clear radius of 7.5' front and sides and 4' in the rear as required by the NPSA Uniform Five Code Florida Edition 18.5.4.1 Highway.
- No plant substitutions can be made without Owner's and the City of Delray Beach's approval.
- Trees and plants shall have limbs or foliage trimmed in such a manner that no limbs or foliage extend into the sight visibility triangle between three (3) feet and six (6) feet measured above the grade level.
- Existing native soil within all landscape stands, interior landscape strips and perimeter landscape strips, adjacent to vehicular use areas, shall be excavated down to a depth of thirty (30) inches below existing grade, except for a 12" buffer from the inside of curb or pavement. A suitable planting soil mixture of thirty (30) inches (sand/silt/clay) or as otherwise indicated by the Registered Landscape Architect (see specifications), shall either be backfilled in place of the native soil or efficiently mixed with the native soil to create an optimum environment for successful root development. If native soil is to be mixed, it shall first be screened to remove rocks and debris larger than one-half (1/2) inch in diameter prior to mixing. All properties under this section shall be required to have an open landscape bed inspection prior to backfilling to insure the thirty (30) inch depth has been met. See detail below.
- Refer to the specifications for planting soil requirements.
- Any trees or shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach Standard Details L201.1 & L201.2. See details on detail sheet.

Irrigation System

The irrigation source shall be reclaimed water if available. If not it will either be potable water or a well. All planting areas shall be designed to provide 100% coverage and provide adequate irrigation of landscape areas for the first full growing season and continue thereafter only as necessary to maintain required vegetation in good and healthy condition. The irrigation system shall be continuously maintained in working order. An automatic rain sensor shall be placed on-site as part of the required irrigation system. Shop drawings shall be submitted by the irrigation contractor for approval prior to installation.

Tree Replacement Note

All trees which are to be preserved and do not survive shall be replaced by a tree of equal size or an equivalent number of trees based on trunk diameter (DBH).

Detail

See General Notes #5 above.

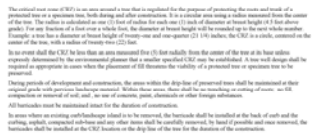
BULLPEN PARKING ISLAND AREA CALCULATIONS:

DATA: 1. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.
2. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.
3. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.

DATA: 2. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.
4. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.

DATA: 3. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.
5. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.

DATA: 4. BULLPEN PARKING ISLAND AREA CALCULATIONS
REQUIRED INTERIOR ISLAND FOR 36 STALLS = 2
10' AND 10' IS SPACES
AREA REQUIRED FOR 36 STALLS = 360 S.F.



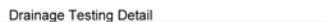
Tree Replacement Note

All trees which are to be preserved and do not survive shall be replaced by a tree of equal size or an equivalent number of trees based on trunk diameter (DBH).

[illegible]

Palms should receive a complete granular fertilizer formulated for palms ("Palm Special") at a rate of 5 to 8 lbs. per palm.

- [illegible]



ELECTRONIC SIGNALING SYSTEMS
Regulatory Compliance Division
Jeffrey W. Smith, M.A.
1-800-955-1000
Prepared, Planned & Supported By:
Conceptual Design Group, Inc.
900 East Ocean Boulevard, Suite 130
Stuart, Florida 34994
(772) 344-2345 E.C. 28000190

Digitally signed by Jeffrey W Smith
Date: 2018.11.29 12:08:22 -05'00'

900 East Ocean Boulevard, Suite 130d
Stuart, Florida 34994
(772) 344-2340
LC: 26500198

These drawings are the property of the landscape architect and are not to be used for other projects except by written permission from the landscape architect. Report any discrepancies immediately to the landscape architect.



Bowman
CONSULTING
Certificate of Authorization License No. 30452

13454 W. Sunrise Blvd.,
Suite 320
Sunrise, FL 33323
Phone: (954) 314-8470
www.bowmanconsulting.com
© Bowman Consulting Group, Ltd.

LANDSCAPE PLAN
CHEVROLET - DELRAY BEACH
2605 NORTH FEDERAL HIGHWAY
DELRAY BEACH, FLORIDA 33483
PALM BEACH COUNTY, FLORIDA
DELRAY BEACH

Seal:  (12/1/18 - 12/31/2020)
Prepared, Reviewed & Supervised By: Conceptual Design Group, Inc.
 1000 West Chester Lakeside, Suite 1304,
 Stuart, Florida 34994
 State: FL License No.: 200000000
Client: J. L. LAMORELLO
PLAN REVISIONS
 1-10-2018 JAMES BAIRD & JAMES L. LAMORELLO
 3-20-2018 JAMES BAIRD & JAMES L. LAMORELLO
 8-10-2018 JAMES BAIRD & JAMES L. LAMORELLO
 11-13-2018 JAMES BAIRD & JAMES L. LAMORELLO
 11-13-2018 JAMES BAIRD
 11-29-2018 JAMES BAIRD & JAMES L. LAMORELLO
DATE DESCRIPTION
JWS JS JWS
DESIGN DR CHKD
SCALE
JOB NO. CDD-19-002
BOORMAN 03045-01-002
DATE 1/19/2018
FILE
L-2 3

TOTAL SITE AREA:
TOTAL SITE AREA = 171,021 S.F. / 3.926 ACRES

INTERIOR GREEN SPACE:
TOTAL PAVEMENT AREA = 92,665 S.F.
REQUIRED INTERIOR GREEN SPACE (10%) = 9,267 S.F.
PROVIDED = 20,734 S.F. (22%)
TOTAL INTERIOR TREES REQUIRED (1/125 S.F.) = 74 TREES
PROVIDED = 74 TREES (50 TREES + 15 PALMS)
MAXIMUM USE OF PALMS IN INTERIOR GREEN SPACE AREA = 25%
MAXIMUM ALLOWED = 74 TREES X 25% = 18.31 = 54 PALMS @ 3:1
PROVIDED = 15 PALMS
15 PALMS @ 1:1 = 0 PALMS @ 3:1 (0) = 15 PALMS

USE OF PALMS:
MAXIMUM USE OF PALMS = 50%
REQUIRED = NO MORE THAN 50% OF
REQUIRED TREES SHALL BE PALMS
TOTAL TREES REQUIRED = 162
TOTAL PALMS PROVIDED = 32
5 EXISTING + 27 = 32/162 = 20%

WEST LANDSCAPE BUFFER:
LENGTH = 508'
AREA REQUIRED: 25' X 508' = 12,700 S.F.
AREA PROVIDED: 12,710 S.F.

TREES:
SEE NOTE #1 BELOW
REQUIRED = 1 TREE / 30 L.F.
508' / 30' = 17 TREES
PROVIDED = 17 TREES
17 ROYAL PALMS @ 1:1

SHRUBS:
REQUIRED = 508' / 2 = 254
PROVIDED = 254

EAST LANDSCAPE BUFFER:
LENGTH = 607'
AREA REQUIRED: 10' X 575' = 5,070 S.F.
AREA PROVIDED: 5,075 S.F.

TREES:
REQUIRED = 1 TREE / 25 L.F.
507' / 25' = 21 TREES
PROVIDED = 21 TREES

SHRUBS:
REQUIRED = 507' / 2 = 254
PROVIDED = 254

NOTE:
DESIGNED TO MEET REQUIREMENTS OF FPL PLANT THE RIGHT TREE IN THE RIGHT PLACE.

TOTAL TREES:
REQUIRED = 162
PROVIDED = 167
5 EXISTING ROYALS + 135 PLANTED
TREES + 27 PALMS @ 1:1 + 0 PALMS @ 3:1
(0) = 167 TREES

TREE SPECIES MIX:
MINIMUM TREE SPECIES MIX WHEN
OVER 41 TREES ARE REQUIRED = 5
REQUIRED = 5
PROVIDED = 6

NATIVE SHRUBS:
MINIMUM USE OF NATIVE SHRUBS = 25%
TOTAL SHRUBS REQUIRED = 4,352
TOTAL NATIVE SHRUBS PROVIDED =
2,878 / 4,352 = 66%.

NATIVE TREES:
MINIMUM USE OF NATIVE TREES = 50%
TOTAL TREES PLANTED = 135
TOTAL NATIVE TREES PROVIDED = 124
124 / 135 = 92%.

NORTH LANDSCAPE BUFFER:
LENGTH = 171.58'
AREA REQUIRED: 5' X 171.58' = 857.90 S.F.
AREA PROVIDED: 895 S.F.

TREES:
SEE NOTE #1 BELOW
REQUIRED = 1 TREE / 30 L.F.
171.58' / 30' = 6 TREES
PROVIDED = 6 TREES

SHRUBS:
REQUIRED = 171.58' / 2 = 86
PROVIDED = 86

BUILDING FACADE (PRIMARY FRONTAGE):
LENGTH = 205'
REQUIRED = 1 TREE / 25' = 8 TREES
PROVIDED = 8 TREES (8 PALMS 1:1)

SOUTH LANDSCAPE BUFFER:
LENGTH = 294.29'
AREA REQUIRED: 10' X 294.29' =
2,942.90 S.F.
AREA PROVIDED: 3,173 S.F.

TREES:
REQUIRED = 1 TREE / 30 L.F.
294.29' / 30' = 10 TREES
PROVIDED = 10 TREES

SHRUBS:
REQUIRED = 294.29' / 2 = 147
PROVIDED = 147

PARKING LOT ISLANDS:
TOTAL ISLANDS = 26

TREES:
REQUIRED = 1 TREE PER ISLAND
PROVIDED = 1 TREE PER ISLAND

SHRUBS:
REQUIRED = 75 S.F. / ISLAND
PROVIDED = 75 S.F. MINIMUM / ISLAND

TOTAL SOD AREA:
TOTAL OPEN SPACE AREA = 44,319
PROVIDED = 70% MAXIMUM USE OF SOD
= 44,319 X 70% = 31,023.30
PROVIDED = 31,000 S.F.

NOTES:
1. DESIGNED TO MEET REQUIREMENTS OF FPL "PLANT THE RIGHT TREE IN THE RIGHT PLACE"

