

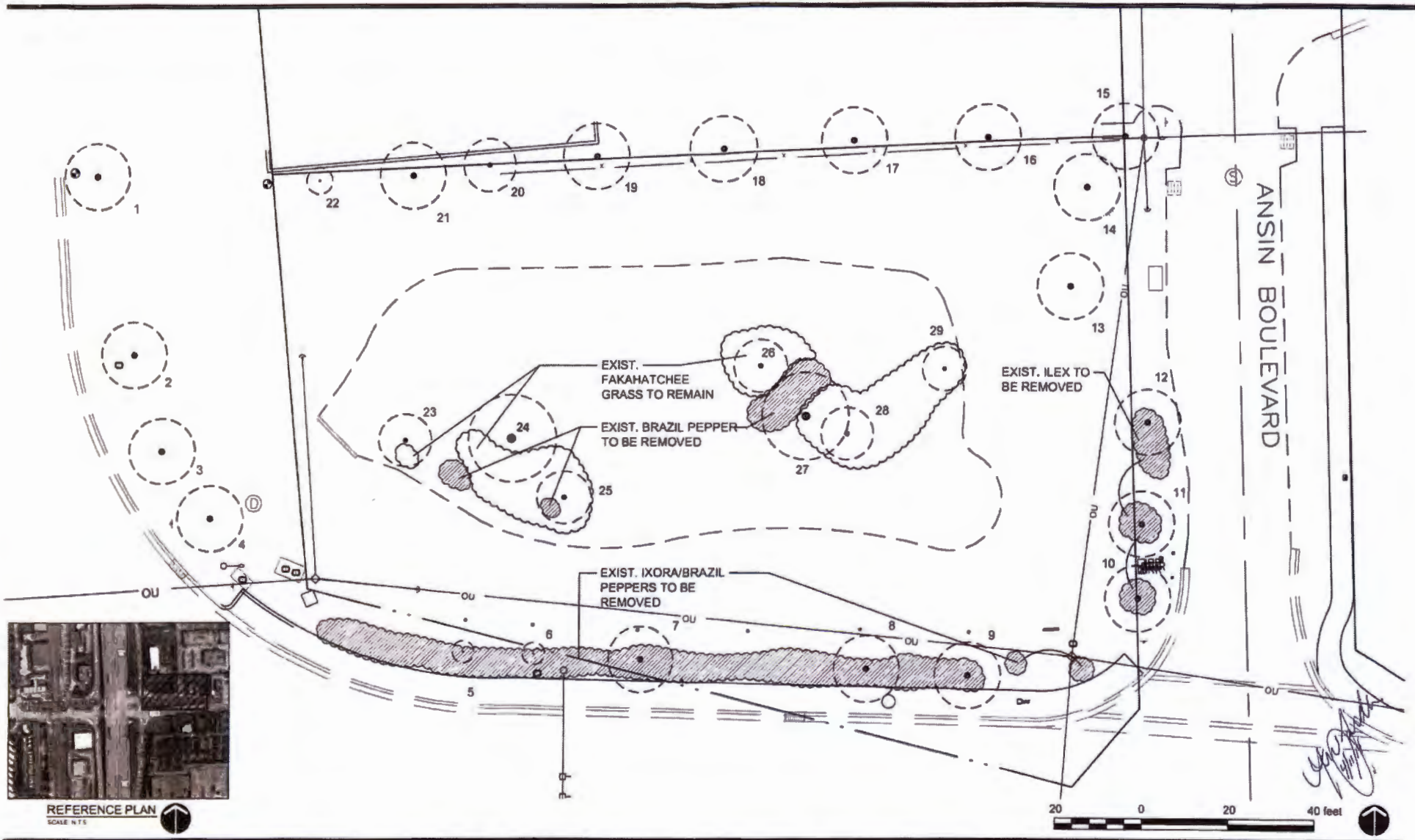


**HBB & I-95 Landscaping Improvements Project**  
**Bid #FY2014-2015-009**

**PLAN LIST:**

North Swale & Median:

- Sheet LA1.01 – Existing Tree Disposition Plan (North Side)
- Sheet LA1.02 – Existing Tree Disposition Plan (Median)
- Sheet LA1.03 – Existing Tree Disposition List
- Sheet LA2.01 – Grading Plan (North Side)
- Sheet LA2.02 – Grading Sections
- Sheet LA3.01 – Planting Plan (North Side)
- Sheet LA3.02 – Planting Plan (Median)
- Sheet LA3.03 – Planting List & Planting Details



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DESIGN**

LANDSCAPE ARCHITECTURE | LAND PLANNING

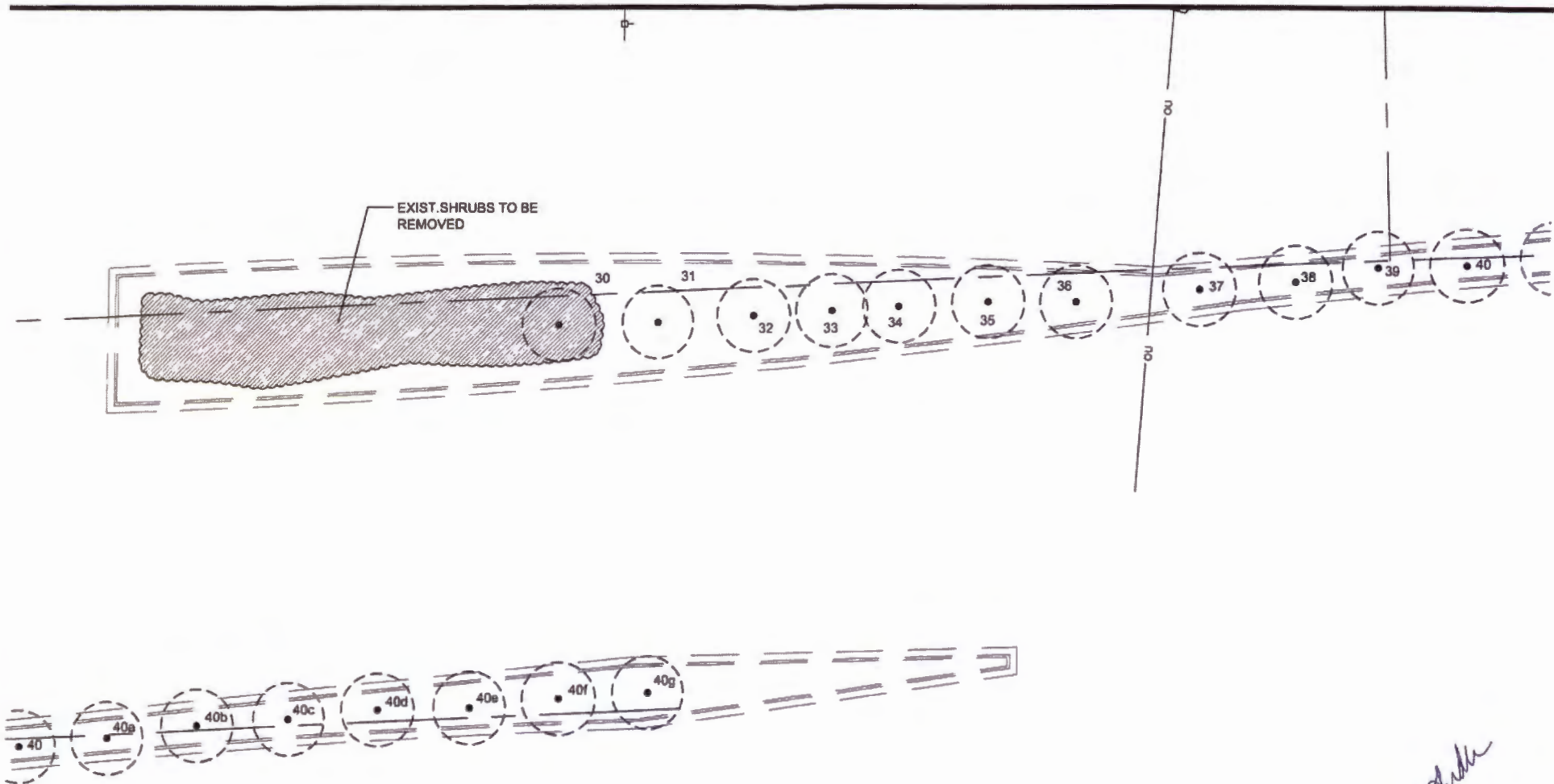
1701 NW 28th Ave. Suite 214 Miami, Florida 33135  
Phone: 305-551-1713 Fax: 305-551-1714  
www.rosenberggardner.com

DRAWN	—	REG
DESIGNED	—	REG
CHECKED	—	REG

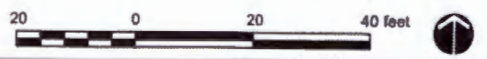
Existing Tree Disposition Plan  
(North Side)

HALLANDALE BEACH BOULEVARD SWALES  
Hallandale Beach, Florida

DATE	01.13.14
SCALE	1"=20'-0"
NO.	LA1.01



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Existing Tree Disposition Plan  
(Median)

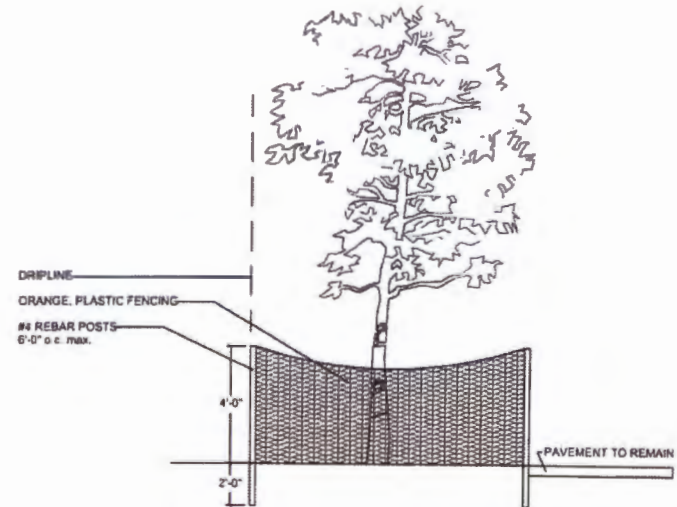
HALLANDALE BEACH BOULEVARD SWALES

Hallandale Beach, Florida

2/13/2014 REVIEW COMMENTS	DATE: 01.13.14
4/23/2014 PRE-CON COMMENTS	SCALE: 1"=20'-0"
	SHEET: LA1.02

**EXISTING TREE DISPOSITION LIST**

KEY	BOTANICAL NAME	COMMON NAME	SIZE			DISPOSITION		
			HT.(ft.)	SPD.(ft.)	DBH.(in.)	REMAIN	REMOVE	TRANSPL.
1	Roystonea regia	Royal Palm	35	16	18	X		
2	Roystonea regia	Royal Palm	35	16	18	X		
3	Roystonea regia	Royal Palm	35	16	18	X		
4	Roystonea regia	Royal Palm	35	16	18	X		
5	Roystonea regia	Royal Palm			stump		X	
6	Roystonea regia	Royal Palm			stump		X	
7	Roystonea regia	Royal Palm	40	16	18	X		
8	Roystonea regia	Royal Palm	40	16	18	X		
9	Roystonea regia	Royal Palm	40	16	18	X		
10	Roystonea regia	Royal Palm	40	16	18			X
11	Roystonea regia	Royal Palm	40	16	18			X
12	Roystonea regia	Royal Palm	40	16	18			X
13	Roystonea regia	Royal Palm	40	16	18	X		
14	Roystonea regia	Royal Palm	40	16	18	X		
15	Adonidia merrillii	Christmas Palm	14	15	triple	X		
16	Adonidia merrillii	Christmas Palm	14	15	triple	X		
17	Adonidia merrillii	Christmas Palm	14	15	triple	X		
18	Adonidia merrillii	Christmas Palm	14	15	triple	X		
19	Adonidia merrillii	Christmas Palm	14	15	triple	X		
20	Adonidia merrillii	Christmas Palm	14	8	4	X		
21	Cocos nucifera	Coconut Palm	18	20	12	X		
22	Cocos nucifera	Coconut Palm	6	6	6	X		
23	Taxodium distichum	Bald Cypress	22	12	8	X		
24	Taxodium distichum	Bald Cypress	25	20	10	X		
25	Taxodium distichum	Bald Cypress	18	12	8	X		
26	Taxodium distichum	Bald Cypress	20	12	8	X		
27	Bischofia javanica	Bishop's Wood	25	20	10	X		
28	Taxodium distichum	Bald Cypress	20	10	6	X		
29	Taxodium distichum	Bald Cypress	12	10	6	X		
30	Strelitzia nicholai	White Bird of Paradise	16	12	multi	X		
31	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
32	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
33	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
34	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
35	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
36	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
37	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
38	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
39	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40a	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40b	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40c	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40d	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40e	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40f	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		
40g	Wodyetia bifurcata	Foxtail Palm	16	12	6	X		



PLACE ORANGE PLASTIC FENCING (BY TENSAR OR OTHER APPROVED EQUAL) AROUND INDIVIDUAL TREES AND TREE CLUMPS TO REMAIN ON SITE IN ANY AREAS WITHIN THE LIMITS OF CONSTRUCTION. BARRIER SHALL BE PLACED AT THE EDGE OF THE DRIPLINE OF THE TREE CANOPY OR AS FAR FROM THE TREE AS POSSIBLE WHERE THE CANOPY OVERHANGS PAVEMENT THAT IS TO REMAIN. BARRIER SHALL BE MAINTAINED IN AN UPRIGHT POSITION AT ALL TIMES.

**TREE PROTECTION DETAIL**

N.T.S.

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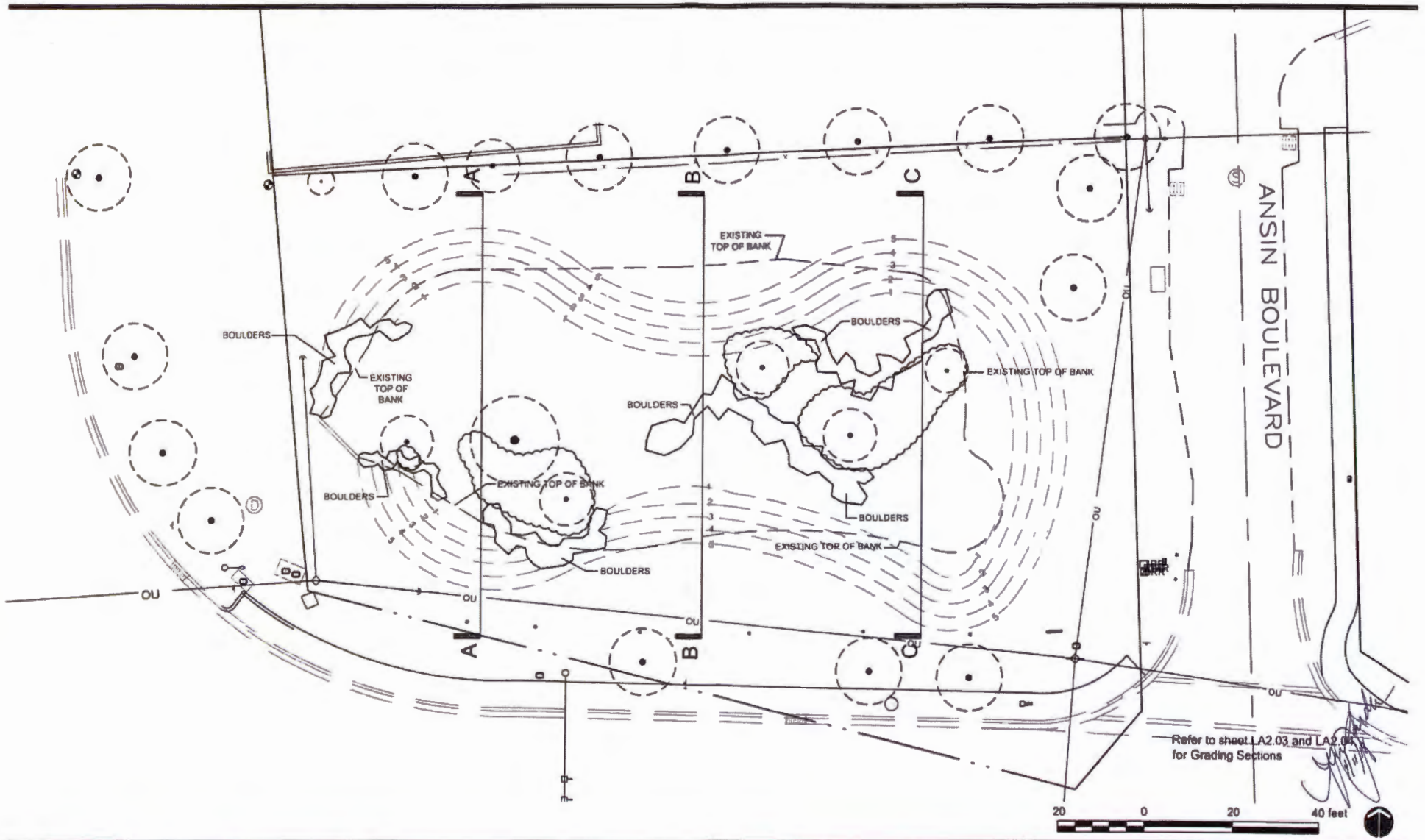
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Existing Tree Disposition List

**HALLANDALE BEACH BOULEVARD SWALES**

Hallandale Beach, Florida

DATE: 01.13.14
SCALE: N.T.S.
PROJECT: LA1.03



Refer to sheet LA2.03 and LA2.04  
for Grading Sections

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DESIGNED: MSG  
CHECKED: MSG

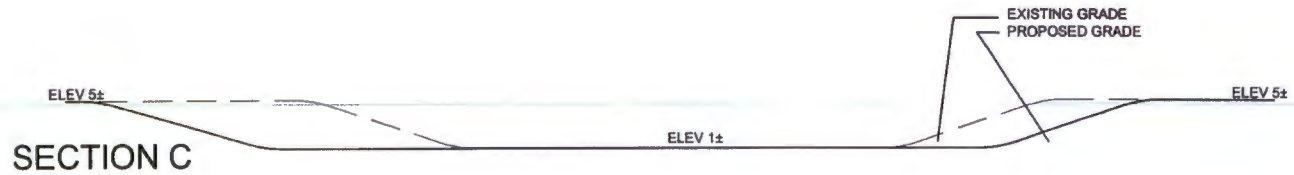
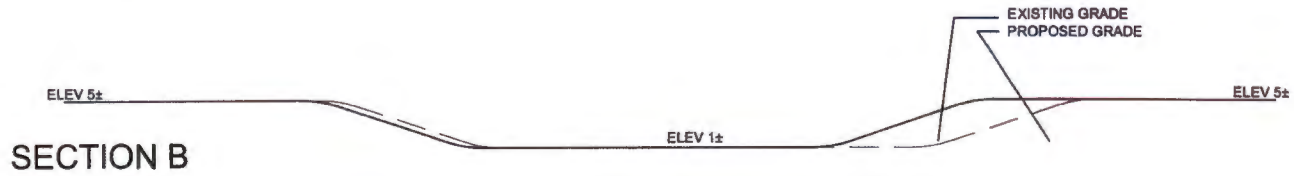
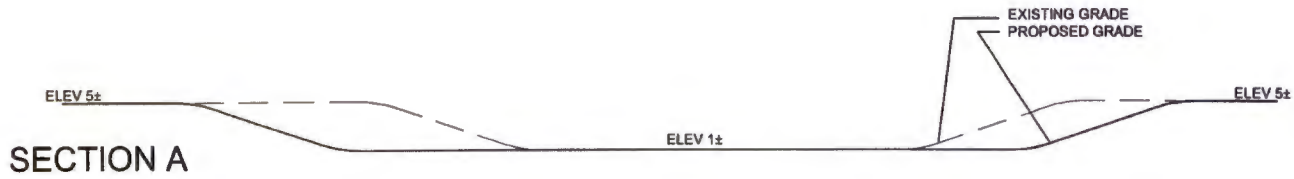
Grading Plan  
(North Side)

**HALLANDALE BEACH BOULEVARD SWALES**

Hallandale Beach, Florida

Prepared by: MSG  
Reviewed by: MSG  
Date: 01.13.14

DATE: 01.13.14  
SCALE: 1"=20'-0"  
SHEET: LA2.01



A COPY OF THIS PERMIT AND PLAN WILL BE ON THE JOB SITE AT ALL TIMES DURING THE CONSTRUCTION OF THIS FACILITY

APPLICANT  
2014L-491-0001

*Yours faithfully,  
[Signature]*



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PHONE 941.555.1818 FAX 941.555.1819 COMPANY WEBSITE  
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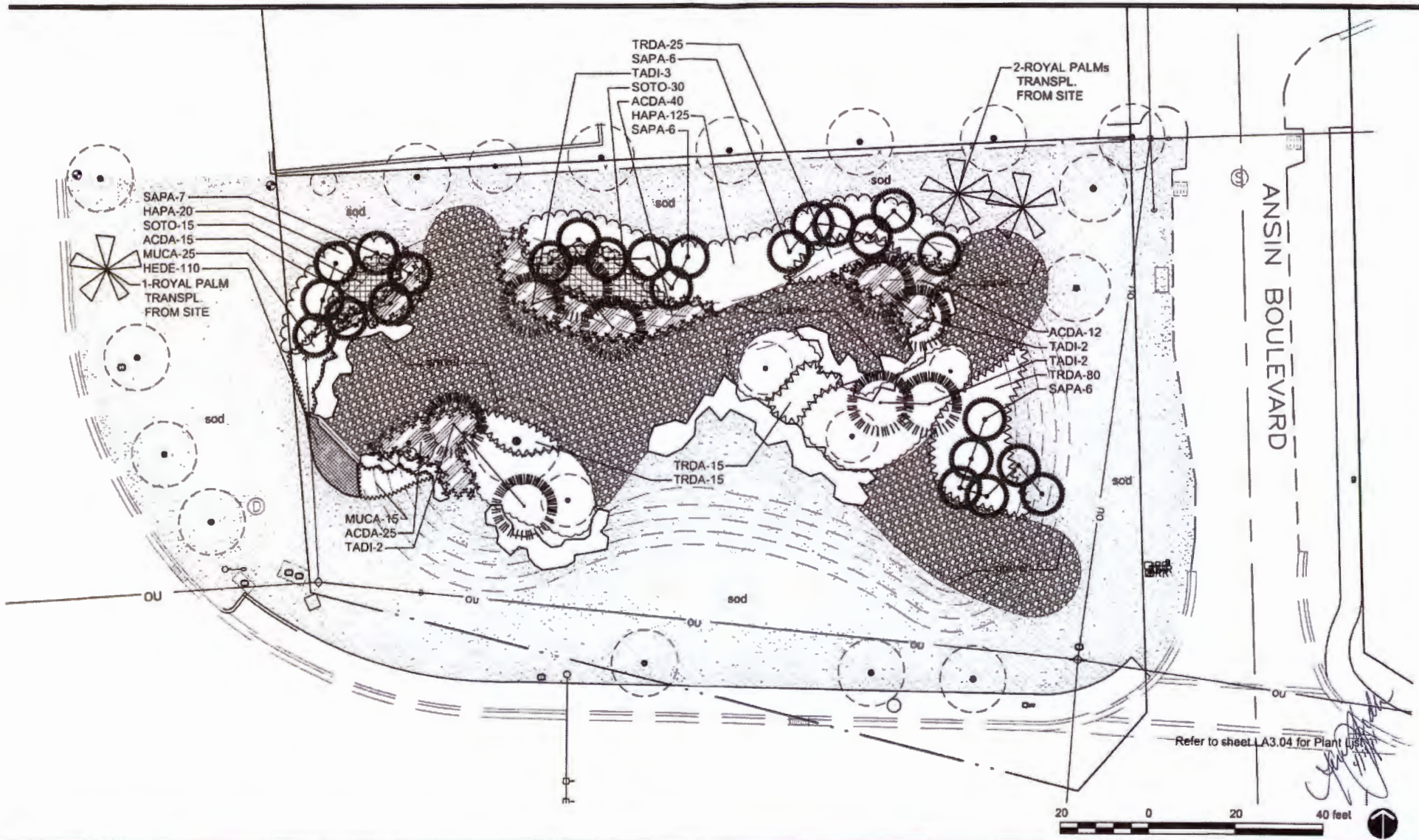
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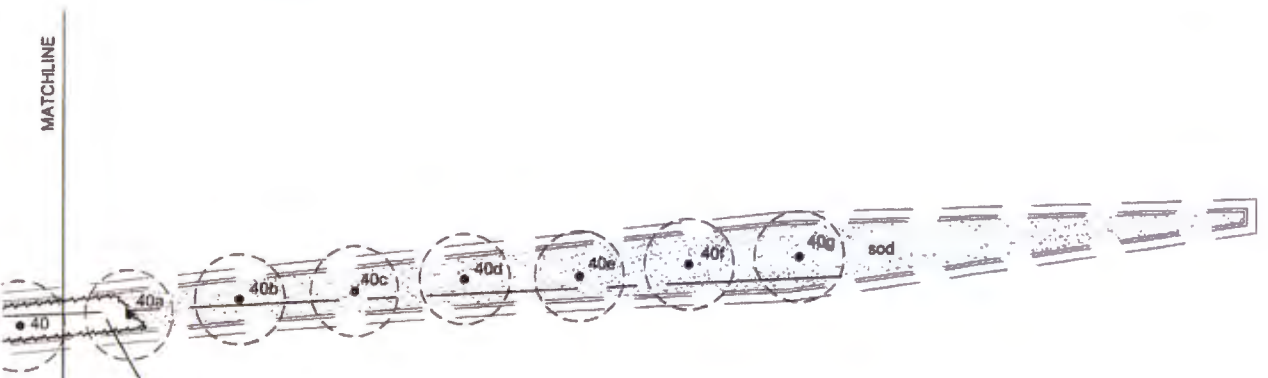
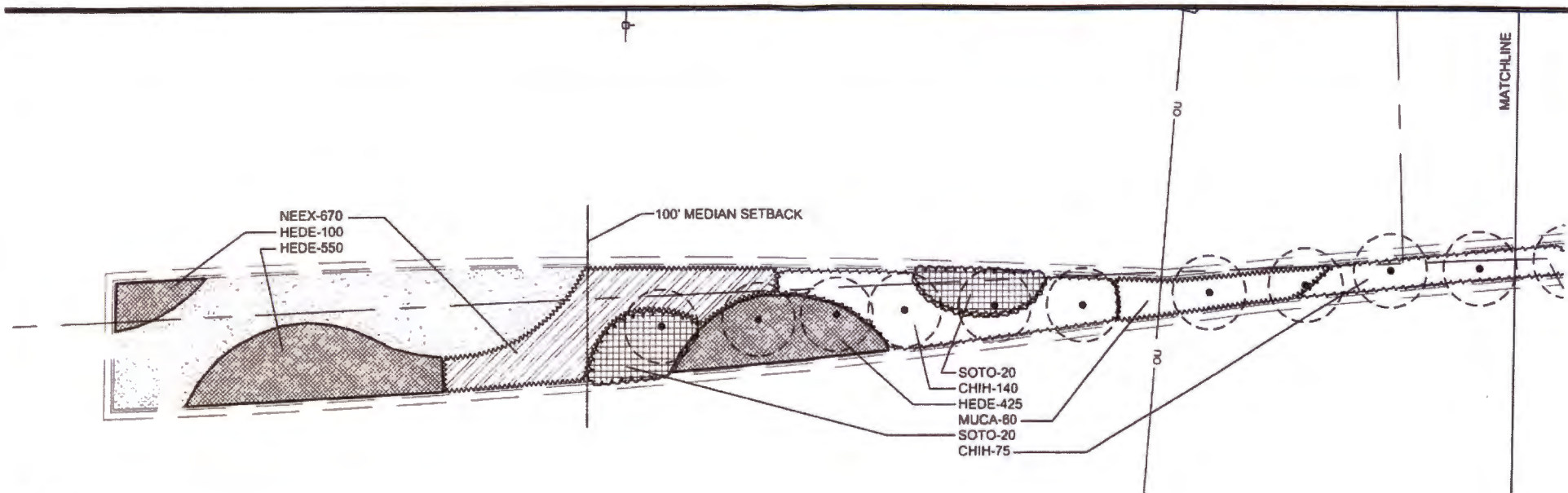
Grading Sections

HALLANDALE BEACH BOULEVARD SWALES

Hallandale Beach, Florida

DATE: 01.13.14  
SCALE: 1"=10'-0"  
SHEET: LA2.02





CHIH CONTINUED

Refer to sheet LA3.04 for Plant List

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17500 HWY 19, SUITE 201, PALM BEACH, FLORIDA 33411  
PHONE: 561.833.8800 FAX: 561.833.8801  
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Planting Plan  
(Median)

**HALLANDALE BEACH BOULEVARD SWALES**

Hallandale Beach, Florida

DATE: 01.12.14  
SCALE: 1"=20'-0"  
SHEET: LA3.02

DATE: 01.12.14  
SCALE: 1"=20'-0"  
SHEET: LA3.02



PLANT LIST					
KEY	PLANT NAME	QTY.	UT.	SIZE	Maintenance Height
ACDA	Acrostichum danaeifolium ..Leather Fern	92	ea.	3 gallon cans, 36" o.c.	allow full growth
CHIH	Chrysobalanus icaco "Horizontal" ..Horizontal Cocoplum	215	ea.	3 gallon cans, 24" o.c.	3.5'-4" height
HAPA	Hamelia patens ..Firebush	145	ea.	3 gallon cans, 36" o.c.	8' height
HEDE	Helianthus debilis ..Dune Sunflower	1185	ea.	1 gallon cans, 12" o.c.	allow full growth
MUCA	Muhlenbergia capillaris ..Muhly Grass	100	ea.	3 gallon cans, 24" o.c.	allow full growth
NEEX	Nephrolepis exaltata ..Boston Fern	670	ea.	10"x10", 12" o.c.	allow full growth
SAPA	Sabal palmetto ..Sabal Palm	25	ea.	9@16' tall OA; 8@20' tall OA; 8@24' tall OA; smooth trunk, hurricane cut	n/a
SOTO	Sophora tomentosa ..Necklace Pod	85	ea.	3 gallon cans, 36" o.c.	3.5'-4" height in median, 5'-6" height in swale
TADI	Taxodium distichum ..Bald Cypress	9	ea.	14' tall x 6' spread, 3" cal.	n/a
TRDA	Tripsacum dactyloides ..Fakahatchee Grass	135	ea.	3 gallon cans, 30" o.c.	allow full growth
sod	Bahia Sod	as req.	s.f.	solid sod	
gravel	Gravel	43	c.y.	1/4"-1/2" aggregate size, white or light tan color, submit sample for approval	
boulders	Boulders			12"-30" colite	
	Planting Soil 80% Silica Sand 20% Everglades Muck	as req.	c.y.		
	Shredded Maleuca Mulch	as req.	c.y.		

TO BE USED: "Governing Standards and Specifications 2013 Florida Department of Transportation, Design Standards and 2012 Standard Specifications for Road and Bridge Construction, Section 500 Landscape Installation, and any subsequent updates."

### PLANTING NOTES:

-ALL PLANTING IS TO BE INSTALLED ACCORDING TO FDOT INDEX 544 PLANTING DETAILS.  
-REFER TO FDOT STANDARD SPECIFICATIONS 500 FOR LANDSCAPE INSTALLATION.

#### WATERING SCHEDULE

A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

#### AMOUNT OF WATER PER APPLICATION

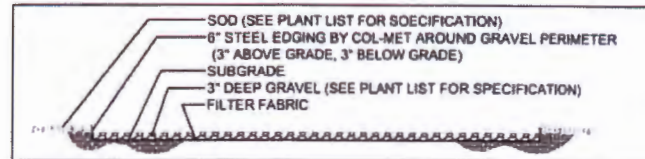
For trees up to 5 inch caliper - 5 gallons  
From 5 to 8 inch caliper - 25 gallons  
9 inch and up caliper - 50 gallons

#### FREQUENCY OF WATER

Daily for the first week  
3 times per week for weeks 2 - 5  
2 times per week for weeks 6 - 8  
1 time per week for weeks 9 - 12

B. Water in plants by thoroughly soaking of the entire root ball immediately after planting. For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the soil around the root ball.

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified above, after installation of each section of the planting installed.



### SECTION A - GRAVEL GRAVEL BED

SCALE: 1/4"=1'-0"

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