

SECTION NO: 86100  
S.R. NO(S): 7 (US 441)  
COUNTY: Broward  
FM NO.(S): 421662-1-52-01

**DISTRICT FOUR (4) AMENDMENT # ONE (1)  
TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION AND  
CITY OF COCONUT CREEK LANDSCAPE  
INCLUSIVE MEMORANDUM OF AGREEMENT**

This is Amendment Number One to the Agreement dated May 27, 2009, made and entered into this 6th day of August 2009 by and between the State of Florida Department of Transportation hereinafter called the "DEPARTMENT" and the City of Coconut Creek, a political subdivision of the State of Florida, hereinafter called the "AGENCY".

WHEREAS, the parties entered into the Inclusive Maintenance of Agreement dated May 27, 2009 for the purpose of maintaining the landscape improvements by the AGENCY on various State Roads including State Road 7 (US 441) and

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape improvements to be installed on State Road 7 (US 441) in accordance with the above referenced Agreement;

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to paragraph 6 of the Inclusive Agreement for State Road 7 (US 441) dated May 27, 2009 the **DEPARTMENT** has decided to construct additional landscape improvements or to modify an improvement located as indicated in Exhibit A, on State Road 7 (US 441) from South of State Road 869 (Sawgrass Expressway) (M.P.22.57) to North of State Road 869 (Sawgrass Expressway) (M.P. 23.40) in accordance with the plans attached as Exhibit B.
2. The **AGENCY** shall agree to maintain the landscape improvements in the Inclusive Agreement described above and as provided in accordance with the Maintenance Plan, attached as Exhibit C.
3. The **DEPARTMENT** agrees to enter into a contract to have installed said landscape improvements for an amount as indicated in Exhibit D not to exceed **\$88,019.50**.

Except as modified by this amendment, all terms and conditions of the Agreement shall remain in full force and effect.

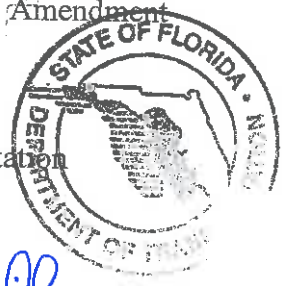
**Exhibits**

- Exhibit A - PROJECT LOCATION & MAINTENANCE BOUNDARY MAP
- Exhibit B - PROJECT PLANS
- Exhibit C - MAINTENANCE PLAN
- Exhibit D - PROJECT COSTS

In Witness whereof, the parties hereto have executed with this Amendment effective the 6<sup>th</sup> day August year written and approved.

City of Coconut Creek  
a municipal corporation.

State of Florida  
Department of Transportation



BY:

[Signature]  
Chairperson/Mayor/Director of Parks &  
Director  
Recreation/City Manager/City Engineer/  
Director of Public Works

BY:

[Signature]  
Transportation Development

[Signature] 7/30/09  
Asst. City Attorney Date

[Signature] 8/5/2009  
District General Counsel Date

**NANCY A. COUSINS**

**SECTION NO: 86100**  
**S.R. NO(S): 7 (US 441)**  
**COUNTY: Broward**  
**FM NO.(S): 421662-1-52-01**

## **EXHIBIT A**

### **I. PROJECT LOCATION:**

**State Road 7 (US 441) from State Road 834 (Sample Road) (M.P. 20.941) to North of State Road 869 (Sawgrass Expressway) (M.P.23.40)**

### **II. MAINTENANCE LIMITS:**

**State Road 7 (US 441) from (M.P. 20.861) (Winston Park/Creekside Drive) to (M.P. 24.591) Broward/Palm Beach County Line)**

### **III. PROJECT MAINTENANCE BOUNDARY MAP:**

**Please See Attached**



**SECTION NO: 86100**  
**S.R. NO(S): 7 (US 441)**  
**COUNTY: Broward**  
**FM NO.(S): 421662-1-52-01**

## **EXHIBIT B**

### **PROJECT PLANS**

**The Department agrees to install the Project in accordance with the plans and specifications attached hereto and incorporated herein.**

**Please see attached plans prepared by: Land Design South  
Robert Bentz RLS LA 997**

**Dated: 4-17-2009**

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**CONTRACT PLANS**

FINANCIAL PROJECT ID 421662-1-52-01  
(FEDERAL FUNDS)  
BROWARD COUNTY (86100)  
STATE ROAD NO. 7 (US 441)

**LANDSCAPE PLANS**

**INDEX OF LANDSCAPE PLANS**

SHEET NO.	SHEET DESCRIPTION
LD-1	KEY SHEET
LD-2 THRU LD-5	LANDSCAPE TABULATION OF QUANTITIES
LD-6	LANDSCAPE GENERAL NOTES
LD-7 THRU LD-11	EXISTING CONDITIONS CHARTS
LD-12 THRU LD-31	EXISTING CONDITIONS PLANS
LD-32 THRU LD-45	LANDSCAPE PLANS
LD-46	IRRIGATION KEY SHEET
LD-47 THRU LD-49	IRRIGATION TABULATION OF QUANTITIES AND IRRIGATION DETAILS
LD-50 THRU LD-63	IRRIGATION PLANS

PLANS PREPARED BY:  
**LAND DESIGN SOUTH**  
LANDSCAPE ARCHITECTS  
1001 CONVENT ROAD, SUITE 100  
MIAMI, FLORIDA 33134  
TEL: 305.375.1234  
WWW.LANDDESIGNSOUTH.COM  
REGISTERED LANDSCAPE ARCHITECTS  
CERTIFICATE OF AUTHORIZATION NO. 000206

NOTE: THE SCALE OF THESE PLANS MAY  
HAVE CHANGED DUE TO REPRODUCTION.

APR 14 2008

LANDSCAPE PLANS  
LANDSCAPE ARCHITECT OF RECORD:

PLA. NO. \_\_\_\_\_

DATE	KEY SHEET REVISIONS DESCRIPTION

FISCAL YEAR	SHEET NO.	LD-1

FOOT PROJECT MANAGER: JOSE THEILER E.I.










# TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS						TOTAL THIS SHEET		GRAND TOTAL				
										LD-43		LD-44		PLAN	FINAL	PLAN	FINAL		PLAN	FINAL	PLAN	FINAL
										PLAN	FINAL	PLAN	FINAL									
580-1-1	SMALL	AMB	SEASONAL ANNUALS	SEASONAL ANNUALS	10" X 10"	Natural Size	6" O.C.	SEE GENERAL NOTES	SF	15							15	15				
	SMALL	BSS	BOUGAINVILLEA SPECTABILIS	BOUGAINVILLEA	24" X 24"	Natural Size	24" O.C.	SEE GENERAL NOTES	EA.									300				
	SMALL	DUR	DURANTA ERECTA	GOLD MOUND DURANTA	12" X 12"	Natural Size	18" O.C.	SEE GENERAL NOTES	SF	150							150	150				
	SMALL	FIG	FIGUS HYCROCARPA	GREEN ISLAND FIGUS	24" X 24"	Natural Size	24" O.C.	SEE GENERAL NOTES	SF	45							45	45				
	SMALL	JAS	JASMINUM VOLUBILE	WAX JASMINE	12" X 12"	Natural Size	18" O.C.	SEE GENERAL NOTES	EA.									300				
	SMALL	TRA	TRACHELOSPERMUM ASIATICUM	CONFEDERATE JASMINE	12" X 12"	Natural Size	18" O.C.	SEE GENERAL NOTES	EA.									1000				
	SMALL	ZAM	ZAMIA MARITIMA	CARDBOARD PALM	24" X 24"	Natural Size	36" O.C.	SEE GENERAL NOTES	EA.									250				
590-1-2	LARGE	RD	ROSTONIA ELATA	FLORIDA ROYAL PALM	10' G.W.	Natural Size	AS SHOWN ON PLANS	SEE GENERAL NOTES	EA.									8				
	LARGE	IC	ILEX CASSINE	DARROW HOLLY	88x88" CT. HT.	Natural Size	AS SHOWN ON PLANS	SEE GENERAL NOTES	EA.	1							1	1				
	LARGE	OV	QUERCUS VIRGINIANA	LIVE OAK	88x88" CT. HT.	Natural Size	AS SHOWN ON PLANS	SEE GENERAL NOTES	EA.	4							4	4				
570-1-2			PERFORMANCE SOD	ST. AUGUSTINE				SEE GENERAL NOTES	SY									5080				
528-1-1			CONCRETE PAVER					SEE PLAIN SHEETS	SY									305				
570-1			COMPLETE IRRIGATION SYSTEM					SEE IRRIGATION SHEETS	LS									1				

APR 17 2009

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G-12.01, F.A.C.

DATE	REVISIONS	DESCRIPTION	 <p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000268</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>	<p>ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01</p>	<p>SHEET NO. LD-5</p>
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# GENERAL NOTES

- CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES AND FIELD CHECK ALL DIMENSIONS PRIOR TO ANY LANDSCAPE OR IRRIGATION INSTALLATION. REPORT ANY CONFLICTS AND DISCREPANCIES TO ENGINEER.
- UNMOVED GEO-TEXTILE FABRIC WILL BE INSTALLED IN ALL SHRUB BEDS PRIOR TO ANY PLANTING. WEED GROWTH EXCAVATION FOR SHRUB INSTALLATION SHALL BE 18" DEEP. GEOTEXTILE FABRIC SHALL BE ANCHORED PINS IF NECESSARY TO STABILIZE THE FABRIC. OVERLAPPING SHALL BE NO LESS THAN TWO (2) FEET BETWEEN FABRIC FLAPS.
- TREES AND PALMS HAVE UNIQUE SYMBOLS IN THE LANDSCAPE PLANS AND ASK THEREFOR. TREES AND SHRUBS ARE QUANTIFIED FOR EACH MASS. SHOW BY HATCHED AREAS AND SHRUBS ARE QUANTIFIED FOR EACH MASS.
- FERTILIZATION SCHEDULE - FOR TREES AND PALMS, APPLY AN 8-4-19-4 IN FERTILIZER INCLUDING ALL MICRONUTRIENTS, 100% OF THE IN NITROGEN, (K) POTASSIUM, AND (M) MAGNESIUM SHALL BE IN SLOW RELEASE FORM. APPLY AT A RATE OF 15 POUNDS OF ACTUAL FERTILIZER (NOT IN PER 100 SQUARE FEET, EVERY 3 MONTHS. COORDINATE FERTILIZING WITH WATERING SO THAT FERTILIZER IS THOROUGHLY WATERED INTO THE SOIL. FOLLOWING ITS APPLICATION PRIOR TO THE PRE-CONSTRUCTION MEETING, SUBMIT DRAINAGE VERIFIED FERTILIZER ANALYSIS ALONG WITH THE FERTILIZATION SCHEDULE TO THE ENGINEER.
- FERTILIZE ALL SHRUBS WITH A COMPLETE, SLOW-RELEASE BRAND FERTILIZER WITH AN APPROX. RATIO OF 4-2-1. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR APPLICATION. FERTILIZE PALMS WITH SPECIAL PALM FERTILIZER CONTAINING MANGANESE AND MAGNESIUM PER MANUFACTURER'S DIRECTIONS. ALL FERTILIZER SHALL COMPLY WITH SECTION 982.
- CONTRACTOR SHALL VERIFY SOIL DRAINAGE CONDITIONS OF ALL PLANTING HOLES PRIOR TO PLANTING IN COMPLIANCE WITH FOOT SPECIFICATION SECTION 580-3.3. COST FOR ALL BED PREPARATION, UNSUITABLE SOIL REMOVAL AND ADDITIONAL FINISH SOIL WILL BE INCLUDED IN THE COST WITH SECTION 982.
- THE TOP TWO FEET OF SOIL IN ALL LANDSCAPE AREAS SHALL CONSIST OF A UNIFORM MIX OF 75% EXISTING SITE SOIL (COMPLIANT WITH INDEX GENERAL NOTE 4) AND 25% ADDED FINISH SOIL WHICH SHALL BE FRABLE ORGANIC MATTER, LOCALLY CULTIVATED TOPSOIL CONTAINING AT LEAST 5% DECAYED LEAF LITTER. A PH LEVEL BETWEEN 6.0 AND 7.0 AND TAKEN FROM WELL-DRAINED SPECIFIC SITES. SOIL WILL BE IN COMPLIANCE WITH SECTION 987 OF FOOT STANDARD SPECIFICATIONS. PROVIDE VERIFICATION REQUIREMENTS LISTED ABOVE. TOPSOIL FROM AREAS INFESTED WITH WEEDS SHALL NOT BE ACCEPTED. CONTRACTOR WILL PROVIDE VERIFICATION THAT ADDED SOIL COMPLIES WITH REQUIREMENTS BY SUBMITTAL OF SOIL TEST REPORT AND SOIL SAMPLES.
- TREAT ALL PLANTING BEDS WITH PRE-EMERGENT AND POST-EMERGENT HERBICIDES ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. SUBMIT RECEIPTS FOR MATERIALS USED. ALL HERBICIDES TO BE APPLIED BY A FLORIDA LICENSED PEST APPLICATOR, WITH PROPER CERTIFICATION. CONTRACTOR TO PROVIDE COPIES OF LICENSE DOCUMENTATION.
- MULCH, IN COMPLIANCE WITH FOOT STANDARD INDEX 544 GENERAL NOTES, WITH CLEAN, INSECT FREE FLORMULCH OR APPROVED EQUAL. WATER IN WELL TO SECURE IN PLACE.
- LAY SOD SOLIDLY IN ALL DISTURBED OR INDICATED AREAS WITH CLOSELY ADJUTING JOINTS. ROLL AND FERTILIZE WITH A POLYMER/SULFUR SOD TURF FERTILIZER. APPROX. RATIO OF 4-2-1 AND AT LEAST SOD SLOW RELEASE NITROGEN. APPLY AT THE MANUFACTURER'S SPECIFIED RATE. SUBMIT LABEL FOR APPROVAL AND RECEIPTS FOR MATERIAL USED. PIN ALL SODDED SLOPES GREATER THAN 3% WITH STEEL U-PINS 7 SOD STAPLES. PAY ITEM 510-1-2 INCLUDES THE COST FOR FERTILIZER, WATER, AND MOWING NEEDED TO ESTABLISH AND MAINTAIN THE SODDED AREAS.
- NOTIFY THE ADMINISTRATOR AND LANDSCAPE ARCHITECT OF ANY UNFORESEEN CONDITIONS (I.E., COMPACTED SOIL/SUBGRADE, POOR DRAINAGE, UTILITY CONFLICTS, ETC.), PRIOR TO PROCEEDING WITH LANDSCAPE OR IRRIGATION INSTALLATION.
- EXISTING LANDSCAPE MATERIAL THAT IS CALLED OUT ON THE LANDSCAPE PLANS TO REMAIN SHALL BE GIVEN TREATMENT TO PROMOTE A CONTINUOUSLY HEALTHY ENVIRONMENT. ANY DAMAGE UPON THE EXISTING LANDSCAPE SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT ON RECORD, AND SHALL BE SUBJECT TO REPLACEMENT. MAINTENANCE OF THE EXISTING MATERIAL SHALL FOLLOW FOOT INDEX NO. 546.
- ALL PLANTS, MATERIALS AND WORKMANSHIP ARE SUBJECT TO THE APPROVAL OF THE DISTRICT LANDSCAPE MANAGER.
- DO NOT MAKE SUBSTITUTIONS OR REVISIONS. ANY REVISIONS OR MODIFICATIONS TO THE LANDSCAPE PLAN MUST HAVE PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT, DISTRICT LANDSCAPE MANAGER AND PERMITTING AUTHORITY. REVISIONS MUST BE DOCUMENTED AS REQUIRED BY APPLICABLE STATE, CITY OR COUNTY REGULATIONS.

15. CONTRACTOR SHALL USE FOOT STANDARD INDEX 544 FOR PLANT INSTALLATION. SEE PLANTING DETAILS AS THEY APPLY TO TREES, MULTI-TRUNK TREES, AND PALMS AND SHRUBS.

16. MAINTENANCE OF TRAFFIC-CONTRACTOR SHALL REFER TO THE TRAFFIC CONTROL PLANS OF THE ROADWAY PLANS.

17. MAINTAINING AGENCY RESPONSIBLE FOR ROUTINE CLEAN-UP OF FORTAIL PALM FRONDS TO AVOID SAFETY HAZARD OF FRONDS FALLING INTO TRAFFIC.

18. 580-1-1 SHRUBS LOCATED IN SAFE SIGHT AREAS AS LOCATED ON LANDSCAPE PLANS SHALL BE MAINTAINED AT A MAXIMUM HEIGHT OF 18", OTHERWISE, FOLLOW GUIDELINES SET FORTH IN TABULATION OF QUANTITIES.

19. DESIGN SPEED OF ROADWAY 45 MPH

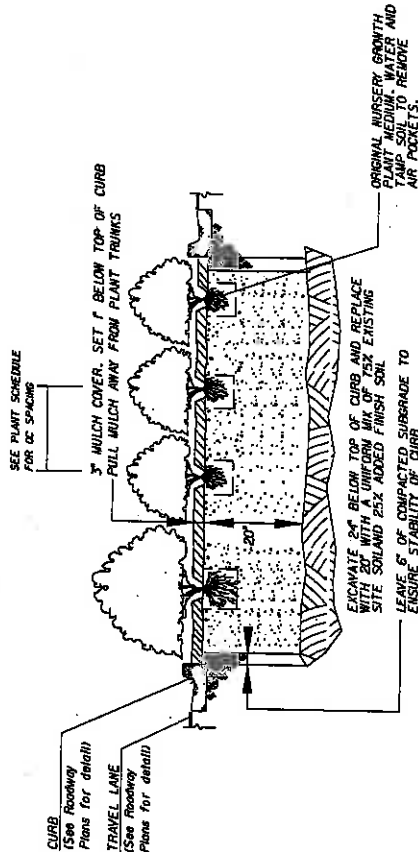
20. MAINTAINING AGENCY CONTACT INFORMATION:  
CITY OF CORAL SPRINGS  
Louis J. Goldstein,  
(954) 345-212

CITY OF COCONUT CREEK  
Tom Stanton  
(354) 956-4663

### PAY ITEM NOTES:

180-1-1 CLEARING AND GRUBBING  
THIS PAY ITEM SHALL ALSO INCLUDE THE COST OF THE APPLICATION OF BOTH POST AND PRE EMERGENT HERBICIDE IN ALL AREAS SCHEDULED TO RECEIVE PLANTING/MULCHING AS WELL AS ANY OTHER AREAS LABELED TO APPLY HERBICIDES. REMOVING ALL INVASIVE VINES, INCLUDING BUT NOT LIMITED TO VIRGINIA CREEPER AND ALL VEGETATION LABELED TO REMOVE. PREVENTING THE DISCHARGE OF ANY FOREIGN MATERIAL INTO ANY WATER BODIES IN THE PROJECT.

580-1-1, 580-2 SMALL/LARGE PLANTS  
THESE PAY ITEMS SHALL ALSO INCLUDE THE COST OF EXCAVATION, BACKFILL, DISPOSAL OF EXCESS MATERIAL, TOPSOIL PREPARATION, ESTABLISHMENT, STAKING AND GIVING SITE CLEAN UP. MAINING AND ANY OTHER NECESSARY MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION PER PLANS. MAKE SURE THEIR REQUIREMENTS NECESSARY FOR FINAL ACCEPTANCE SHALL BE CONSIDERED INCIDENTAL TO THE WORK BEING PERFORMED. THE COST OF GEO-TEXTILE WEED FABRIC, MULCH AND FERTILIZER, WATER AND ITS APPLICATION WILL BE INCLUDED IN THE PAY ITEMS FOR SMALL AND LARGE PLANTS.



A.T.S.


## MEDIAN PLANTING EXCAVATION DETAIL

		THE ENGINEERING FIRM LAND DESIGN SOUTH 2808 ROBERT BENTZ LARSEN PWR CERTIFICATE OF AUTHORIZATION NO. 000205		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01		SHEET NO. LD-6
DATE:		REVISIONS:		GENERAL NOTES		APR 7 2009

Tree #	Botanical Name	Common Name	Native?	DBH(in)/CT(ft)	Action	Notes	Location
1	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
2	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
3	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
4	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
5	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
6	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
7	Delonix regia	Poinciana	N	2.5"	Preserve		In Median
8	Roystonea elata	Royal Palm	Y	12'	Preserve		In Median
9	Roystonea elata	Royal Palm	Y	12'	Preserve		In Median
10	Roystonea elata	Royal Palm	Y	12'	Preserve		In Median
11	Roystonea elata	Royal Palm	Y	11'	Preserve		In Median
12	Roystonea elata	Royal Palm	Y	10'	Preserve		In Median
13	Roystonea elata	Royal Palm	Y	10'	Preserve		In Median
14	Roystonea elata	Royal Palm	Y	10'	Preserve		In Median
15	Roystonea elata	Royal Palm	Y	12'	Preserve		In Median
16	Roystonea elata	Royal Palm	Y	10'	Preserve		In Median
17	Roystonea elata	Royal Palm	Y	10'	Preserve		In Median
18	Roystonea elata	Royal Palm	Y	12'	Preserve		In Median
19	Cordia sebestena	Geiger	Y	1.5"	Preserve		In Median
20	Cordia sebestena	Geiger	Y	1.5"	Preserve		In Median
21	Cordia sebestena	Geiger	Y	1.5"	Preserve		In Median
22	Cordia sebestena	Geiger	Y	1.5"	Preserve		In Median
23	Cordia sebestena	Geiger	Y	1.5"	Preserve		In Median
24	Quercus virginiana	Live Oak	Y	6"	Preserve		In Median
25	Quercus virginiana	Live Oak	Y	6"	Preserve		In Median
26	Quercus virginiana	Live Oak	Y	7"	Preserve		In Median
27	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
28	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
29	Quercus virginiana	Live Oak	Y	5"	Preserve		In Median
30	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
31	Quercus virginiana	Live Oak	Y	6"	Preserve		In Median
32	Quercus virginiana	Live Oak	Y	5"	Preserve		In Median
33	Quercus virginiana	Live Oak	Y	7"	Preserve		In Median
34	Quercus virginiana	Live Oak	Y	5"	Preserve		In Median
35	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
36	Sabal palmetto	Sabal Palm	Y	10'	Preserve		In Median
37	Sabal palmetto	Sabal Palm	Y	10'	Preserve		In Median
38	Sabal palmetto	Sabal Palm	Y	11'	Preserve		In Median
39	Sabal palmetto	Sabal Palm	Y	9'	Preserve		In Median
40	Sabal palmetto	Sabal Palm	Y	10'	Preserve		In Median
41	Sabal palmetto	Sabal Palm	Y	10'	Preserve		In Median
42	Sabal palmetto	Sabal Palm	Y	11'	Preserve		In Median
43	Sabal palmetto	Sabal Palm	Y	9'	Preserve		In Median
44	Quercus virginiana	Live Oak	Y	7"	Preserve		In Median
45	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
46	Quercus virginiana	Live Oak	Y	10"	Preserve		In Median
47	Quercus virginiana	Live Oak	Y	7"	Preserve		In Median
48	Quercus virginiana	Live Oak	Y	8"	Preserve		In Median
49	Quercus virginiana	Live Oak	Y	11"	Preserve		In Median
50	Quercus virginiana	Live Oak	Y	11"	Preserve		In Median

APR 17 2019

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6800-HN, F.A.C.


DATE	REVISIONS	DESCRIPTION
		
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION COUNTY: BROWARD ROAD NO.: 7 FINANCIAL PROJECT ID: 421662-1-52-01		
SHEET NO. LD-7		

EXISTING CONDITIONS CHART

51	Quercus virginiana	Live Oak	Y	7"	Preserve	In Median
52	Quercus virginiana	Live Oak	Y	8"	Preserve	In Median
53	Quercus virginiana	Live Oak	Y	5"	Preserve	In Median
54	Quercus virginiana	Live Oak	Y	8"	Preserve	In Median
55	Quercus virginiana	Live Oak	Y	7"	Preserve	In Median
56	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	Roadway Verge
57	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	Roadway Verge
58	Tabebuia heterophylla	Pink Tabebuia	N	7"	Preserve	Roadway Verge
59	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	Roadway Verge
60	Tabebuia heterophylla	Pink Tabebuia	N	8"	Preserve	Roadway Verge
61	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	Roadway Verge
62	Tabebuia heterophylla	Pink Tabebuia	N	7"	Preserve	Roadway Verge
63	Tabebuia heterophylla	Pink Tabebuia	N	5"	Preserve	Roadway Verge
64	Tabebuia heterophylla	Pink Tabebuia	N	7"	Preserve	Roadway Verge
65	Tabebuia heterophylla	Pink Tabebuia	N	5"	Preserve	Roadway Verge
66	Tabebuia heterophylla	Pink Tabebuia	N	2.5"	Preserve	Roadway Verge
67	Tabebuia heterophylla	Pink Tabebuia	N	5"	Remove	Roadway Verge
68	Tabebuia heterophylla	Pink Tabebuia	N	4"	Remove	Roadway Verge
69	Quercus virginiana	Live Oak	Y	8"	Severely Damaged Tree	Scar
70	Quercus virginiana	Live Oak	Y	5"	Preserve	In Median
71	Quercus virginiana	Live Oak	Y	7"	Preserve	In Median
72	Sabal palmetto	Sabal Palm	Y	12'	Preserve	In Median
73	Sabal palmetto	Sabal Palm	Y	13'	Preserve	In Median
74	Sabal palmetto	Sabal Palm	Y	10'	Preserve	In Median
75	Sabal palmetto	Sabal Palm	Y	12'	Preserve	In Median
76	Sabal palmetto	Sabal Palm	Y	14'	Preserve	In Median
77	Sabal palmetto	Sabal Palm	Y	10'	Preserve	In Median
78	Quercus virginiana	Live Oak	Y	8"	Preserve	In Median
79	Quercus virginiana	Live Oak	Y	6"	Preserve	In Median
80	Quercus virginiana	Live Oak	Y	7"	Preserve	In Median
81	Quercus virginiana	Live Oak	Y	5"	Remove/Relocate	In Median
82	Quercus virginiana	Live Oak	Y	6"	Remove/Relocate	In Median
83	Sabal palmetto	Sabal Palm	Y	11'	Remove/Relocate	In Median
84	Sabal palmetto	Sabal Palm	Y	11'	Remove/Relocate	In Median
85	Sabal palmetto	Sabal Palm	Y	14'	Remove/Relocate	In Median
86	Sabal palmetto	Sabal Palm	Y	12'	Remove/Relocate	In Median
87	Sabal palmetto	Sabal Palm	Y	11'	Remove/Relocate	In Median
88	Sabal palmetto	Sabal Palm	Y	14'	Remove/Relocate	In Median
89	Tabebuia heterophylla	Pink Tabebuia	N	8"	Preserve	Roadway Verge
90	Quercus virginiana	Live Oak	Y	6"	Relocate / Remove	TAPER
91	Quercus virginiana	Live Oak	Y	6"	Relocate / Remove	TAPER
92	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	In Median
93	Tabebuia heterophylla	Pink Tabebuia	N	4"	Preserve	Roadway Verge
94	Tabebuia heterophylla	Pink Tabebuia	N	5"	Preserve	Roadway Verge
95	Tabebuia heterophylla	Pink Tabebuia	N	5"	Preserve	Roadway Verge
96	Tabebuia heterophylla	Pink Tabebuia	N	5"	Preserve	Roadway Verge
97	Quercus virginiana	Live Oak	Y	5"	Relocate / Remove	In Median
98	Quercus virginiana	Live Oak	Y	7"	Relocate / Remove	In Median
99	Sabal palmetto	Sabal Palm	Y	18"	Relocate / Remove	TAPER
100	Sabal palmetto	Sabal Palm	Y	18"	Relocate / Remove	TAPER

APR 7 2009

NOTICE THE OFFICE RECORD IS THE ELECTRONIC FILE SHEET AND SEALED UNDER RULE 600-10.1, F.A.C.

DATE	REVISIONS	DESCRIPTION
 LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000203		
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID: 421662-1-52-01		
ROAD NO.	COUNTY	PROJECT ID
7	BROWARD	421662-1-52-01
<b>EXISTING CONDITIONS CHART</b>		
SHEET NO.		LD-8

Mr. N. 2008

NO.	DESCRIPTION	DATE	REVISIONS	DATE	DESCRIPTION	Y	18"	Relocate / Remove	In Median
101	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
102	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
103	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
104	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
105	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
106	Sabal palmetto				Sabal Palm	Y	18"	Relocate / Remove	In Median
107	Quercus virginiana				Live Oak	Y	7"	Relocate / Remove	In Median
108	Quercus virginiana				Live Oak	Y	7"	Relocate / Remove	In Median
109	Tabebuia heterophylla				Pink Tabebuia	N	8"	Preserve	Narrow Median
110	Tabebuia heterophylla				Pink Tabebuia	N	8"	Preserve	Roadway Verge
111	Tabebuia heterophylla				Pink Tabebuia	N	7"	Preserve	Roadway Verge
112	Tabebuia heterophylla				Pink Tabebuia	N	7"	Preserve	Roadway Verge
113	Tabebuia heterophylla				Pink Tabebuia	N	6"	Preserve	Roadway Verge
114	Quercus virginiana				Live Oak	Y	6"	Relocate / Remove	Roadway Verge
115	Quercus virginiana				Live Oak	Y	9"	Preserve	In Median
116	Quercus virginiana				Live Oak	Y	8"	Preserve	In Median
117	Quercus virginiana				Live Oak	Y	8"	Preserve	In Median
118	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
119	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
120	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
121	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
122	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
123	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
124	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
125	Sabal palmetto				Sabal Palm	Y	18'-20'	Preserve	In Median
126	Quercus virginiana				Live Oak	Y	6"	Preserve	In Median
127	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
128	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
129	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
130	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
131	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
132	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
133	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
134	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
135	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
136	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
137	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
138	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
139	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
140	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
141	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
142	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
143	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
144	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
145	Sabal palmetto				Sabal Palm	Y	12'-18'	Preserve	In Median
146	Quercus virginiana				Live Oak	Y	4"	Preserve	In Median
147	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
148	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
149	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median
150	Quercus virginiana				Live Oak	Y	5"	Preserve	In Median

DATE: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421652-1-52-01

LAND DESIGN SOUTH  
301 CALDWELL BLVD.  
SUITE 200  
MARIETTA, GA 30067  
TEL: 770.429.0600  
FAX: 770.429.0601  
CERTIFICATE OF AUTHORIZATION NO. 000206

EXISTING CONDITIONS CHART

SHEET NO. LD-9

NO.	DESCRIPTION	DATE	REVISIONS	DATE	DESCRIPTION	Y	1"	Preserve	Gone	In Median
151	Quercus virginiana				Live Oak	Y	1"	Preserve		In Median
152	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
153	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
154	Quercus virginiana				Live Oak	Y	4"	Preserve		In Median
155	Quercus virginiana				Live Oak	Y	5"	Preserve		In Median
156	Quercus virginiana				Live Oak	Y	4"	Preserve		In Median
157	Sabal palmetto				Sabal Palm	Y	11'	Preserve		In Median
158	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
159	Sabal palmetto				Sabal Palm	Y	14'	Preserve		In Median
160	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
161	Sabal palmetto				Sabal Palm	Y	8'	Preserve		In Median
162	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
163	Sabal palmetto				Sabal Palm	Y	11'	Preserve		In Median
164	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
165	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
166	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
167	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
168	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
169	Sabal palmetto				Sabal Palm	Y	8'	Preserve		In Median
170	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
171	Quercus virginiana				Live Oak	Y	4"	Preserve	One Sided Canopy	In Median
172	Quercus virginiana				Live Oak	Y	5"	Preserve		In Median
173	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
174	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
175	Quercus virginiana				Live Oak	Y	5"	Preserve		In Median
176	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
177	Quercus virginiana				Live Oak	Y	4"	Preserve		In Median
178	Sabal palmetto				Sabal Palm	Y	10'	Preserve		In Median
179	Sabal palmetto				Sabal Palm	Y	20'	Preserve		In Median
180	Sabal palmetto				Sabal Palm	Y	18'	Preserve		In Median
181	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
182	Sabal palmetto				Sabal Palm	Y	10'	Preserve		In Median
183	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
184	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
185	Quercus virginiana				Live Oak	Y	8"	Preserve		In Median
186	Quercus virginiana				Live Oak	Y	4"	Preserve		In Median
187	Quercus virginiana				Live Oak	Y	5"	Preserve		In Median
188	Quercus virginiana				Live Oak	Y	4"	Preserve		In Median
189	Quercus virginiana				Live Oak	Y	6"	Preserve		In Median
190	Sabal palmetto				Sabal Palm	Y	16'	Preserve		In Median
191	Sabal palmetto				Sabal Palm	Y	11'	Preserve		In Median
192	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
193	Sabal palmetto				Sabal Palm	Y	9'	Preserve		In Median
194	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
195	Sabal palmetto				Sabal Palm	Y	7'	Preserve		In Median
196	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
197	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
198	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median
199	Sabal palmetto				Sabal Palm	Y	8'	Preserve		In Median
200	Sabal palmetto				Sabal Palm	Y	12'	Preserve		In Median

APR 7 2009

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60D-11.04, F.A.C.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO. 000206

HAS COURSEWORK FOR  
 STATE OF FLORIDA  
 WEST PALM BEACH, FLORIDA  
 AND (P&SI)  
 PROJECT SERIAL NUMBER  
 AUTHORIZATION NO. 000206

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 COUNTY: BROWARD  
 ROAD NO.: 7  
 FINANCIAL PROJECT ID: 421662-1-52-01

EXISTING CONDITIONS CHART

SHEET NO. LD-10

4/7/2009 10:30:09 AM 421662-1-52-01.dwg

NO.	DESCRIPTION	DATE	REVISIONS	DATE	DESCRIPTION	Y	Live Oak	2.5"	Preserve	In Median
201	Quercus virginiana				Live Oak	Y	Live Oak	2.5"	Preserve	In Median
202	Quercus virginiana				Live Oak	Y	Live Oak	5"	Preserve	In Median
203	Quercus virginiana				Live Oak	Y	Live Oak	4"	Preserve	In Median
204	Quercus virginiana				Live Oak	Y	Live Oak	5"	Preserve	In Median
205	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
206	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
207	Quercus virginiana				Live Oak	Y	Live Oak	7"	Preserve	In Median
208	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
209	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
210	Quercus virginiana				Live Oak	Y	Live Oak	10"	Preserve	In Median
211	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
212	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
213	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
214	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
215	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
216	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
217	Sabal palmetto				Live Oak	Y	Live Oak	8"	Preserve	In Median
218	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
219	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
220	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
221	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
222	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
223	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
224	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
225	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
226	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
227	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
228	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12"	Preserve	In Median
229	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
230	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
231	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
232	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
233	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
234	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
235	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
236	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
237	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
238	Quercus virginiana				Live Oak	Y	Live Oak	9"	Preserve	In Median
239	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
240	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
241	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
242	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
243	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
244	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
245	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
246	Quercus virginiana				Live Oak	Y	Live Oak	6"	Preserve	In Median
247	Quercus virginiana				Live Oak	Y	Live Oak	10"	Preserve	In Median
248	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
249	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
250	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
251	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
252	Quercus virginiana				Live Oak	Y	Live Oak	8"	Preserve	In Median
253	Sabal palmetto				Live Oak	Y	Live Oak	8"	Preserve	In Median
254	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
255	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
256	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
257	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
258	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
259	Sabal palmetto				Sabal Palm	Y	Sabal Palm	12'-18"	Preserve	In Median
260	illex x attenuata 'East Palmetto'				East Palmetto Holly	Y	East Palmetto Holly	4"	Preserve	In Median
261	Quercus hemisphaerica				Laurel Oak	Y	Laurel Oak	2"	Preserve	In Median
262	Quercus hemisphaerica				Laurel Oak	Y	Laurel Oak	3"	Preserve	In Median
263	Conocarpus erectus var. sericeus				Silver Buttonwood	Y	Silver Buttonwood		Relocate / Remove	Codominant Leaders
264	Conocarpus erectus var. sericeus				Silver Buttonwood	Y	Silver Buttonwood		Relocate / Remove	Codominant Leaders
265	Conocarpus erectus var. sericeus				Silver Buttonwood	Y	Silver Buttonwood		Relocate / Remove	Codominant Leaders
266	Coccoloba diversifolia				Pigeon Plum	Y	Pigeon Plum	5"	Preserve	In Median

APR 17 2008

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LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO. 000005  
 LAND DESIGN SOUTH  
 1411 CENTROVIA WEST DR  
 SUITE 100  
 WEST PALM BEACH  
 FL 33411  
 (561) 940-8881  
 RESIDENTIAL LICENSE #  
 AUTHORIZATION NO. 000005

STATES OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 FINANCIAL PROJECT ID  
 ROAD NO. 7 COUNTY BROWARD 421662-1-52-01

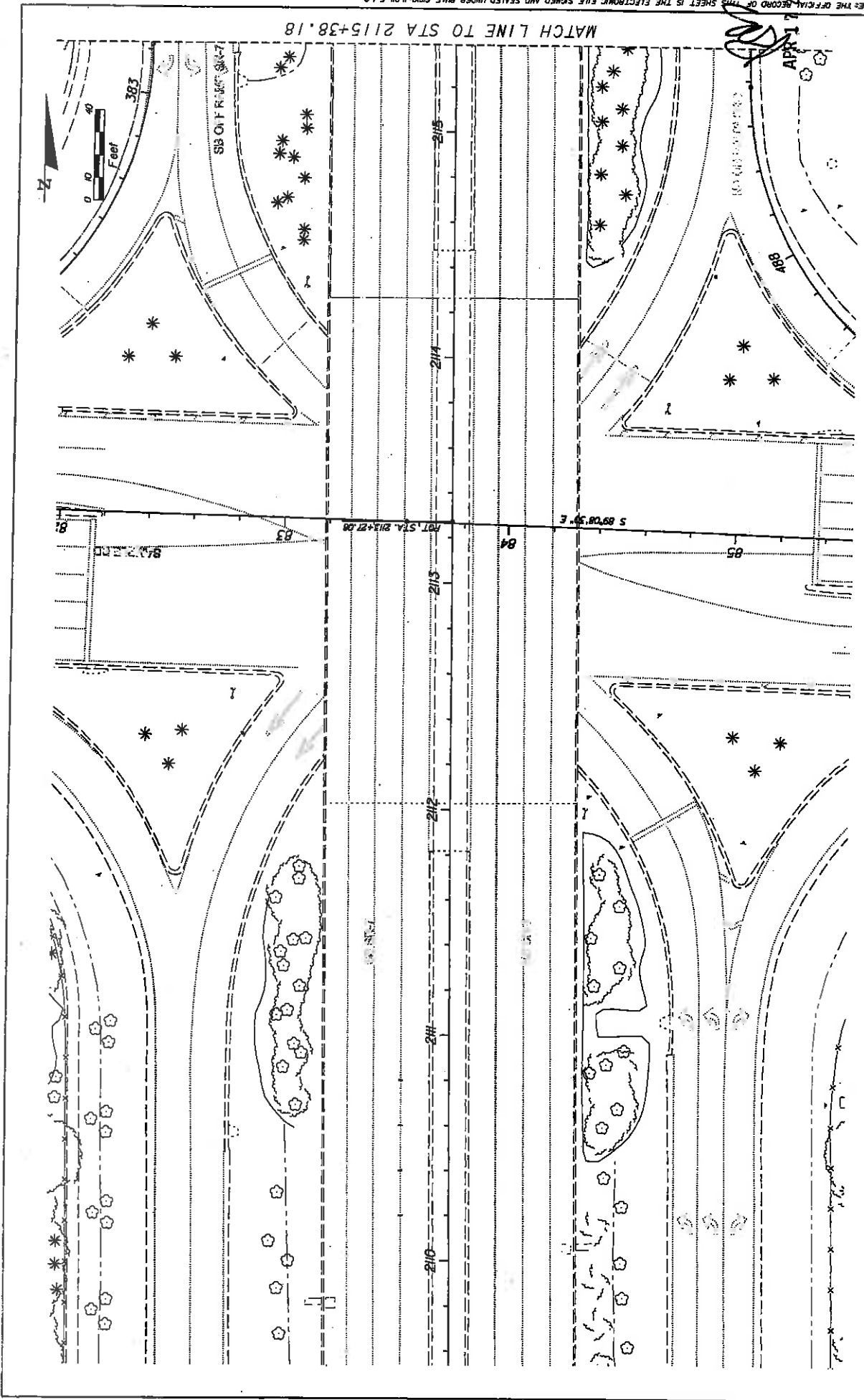
EXISTING CONDITIONS CHART

APR 17 2008

8552 PJ

SHEET NO. LD-II





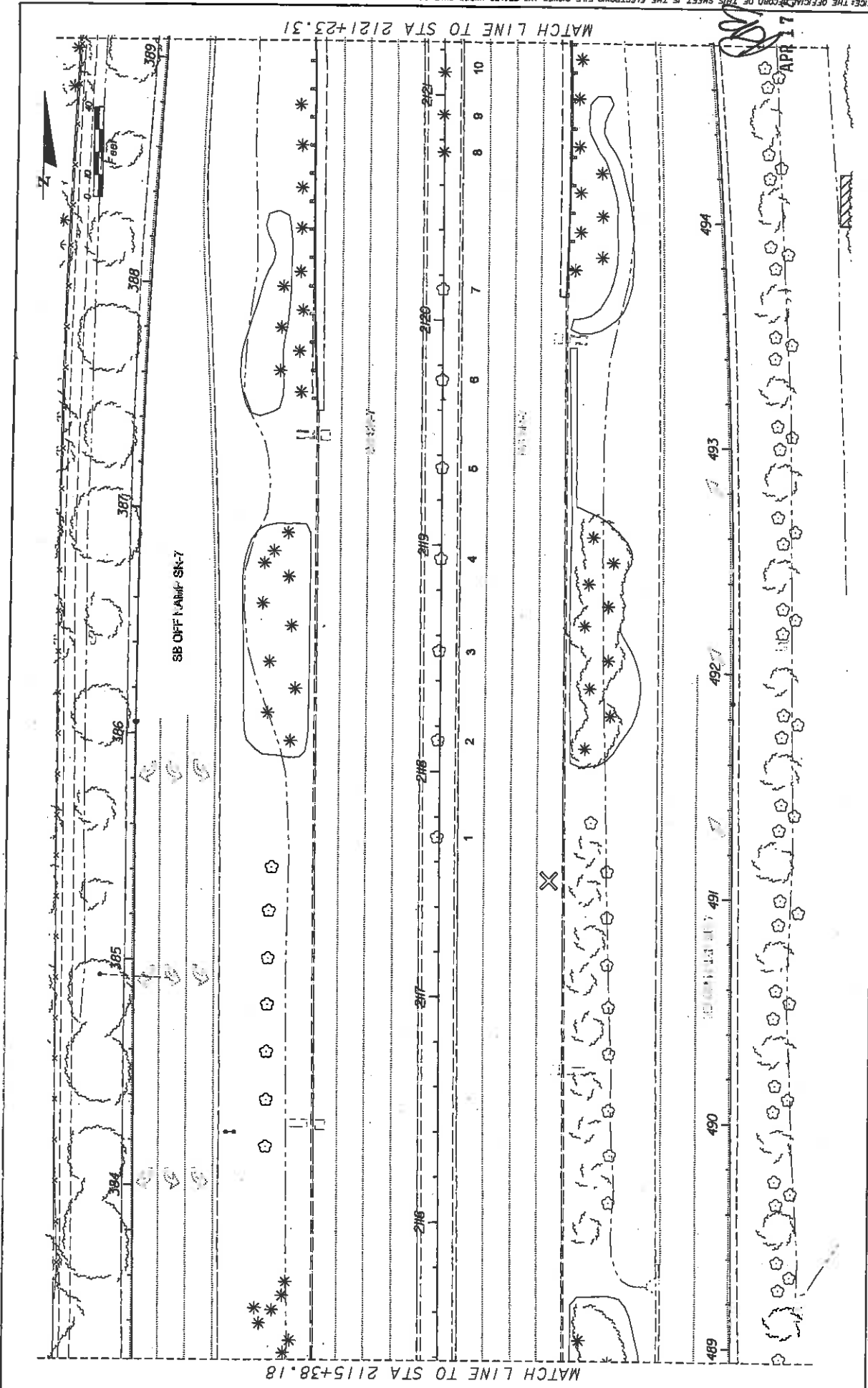
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION


  
**LAND DESIGN SOUTH**  
 CERTIFICATE OF AUTHORIZATION NO: 000205  
 311 CENTRE PARK WEST, SUITE 100  
 DALLAS, TEXAS 75244  
 (214) 442-1100

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 7  
 COUNTY BROWARD  
 FINANCIAL PROJECT ID 421662-1-52-01

**EXISTING CONDITIONS PLAN**  
 SHEET NO. LD-12

MATCH LINE TO STA 2115+38.18  
 APR 17 2009  
 NOTICES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 69D-12.001, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 600.010, F.A.C.

DATE	REVISIONS	DESCRIPTION

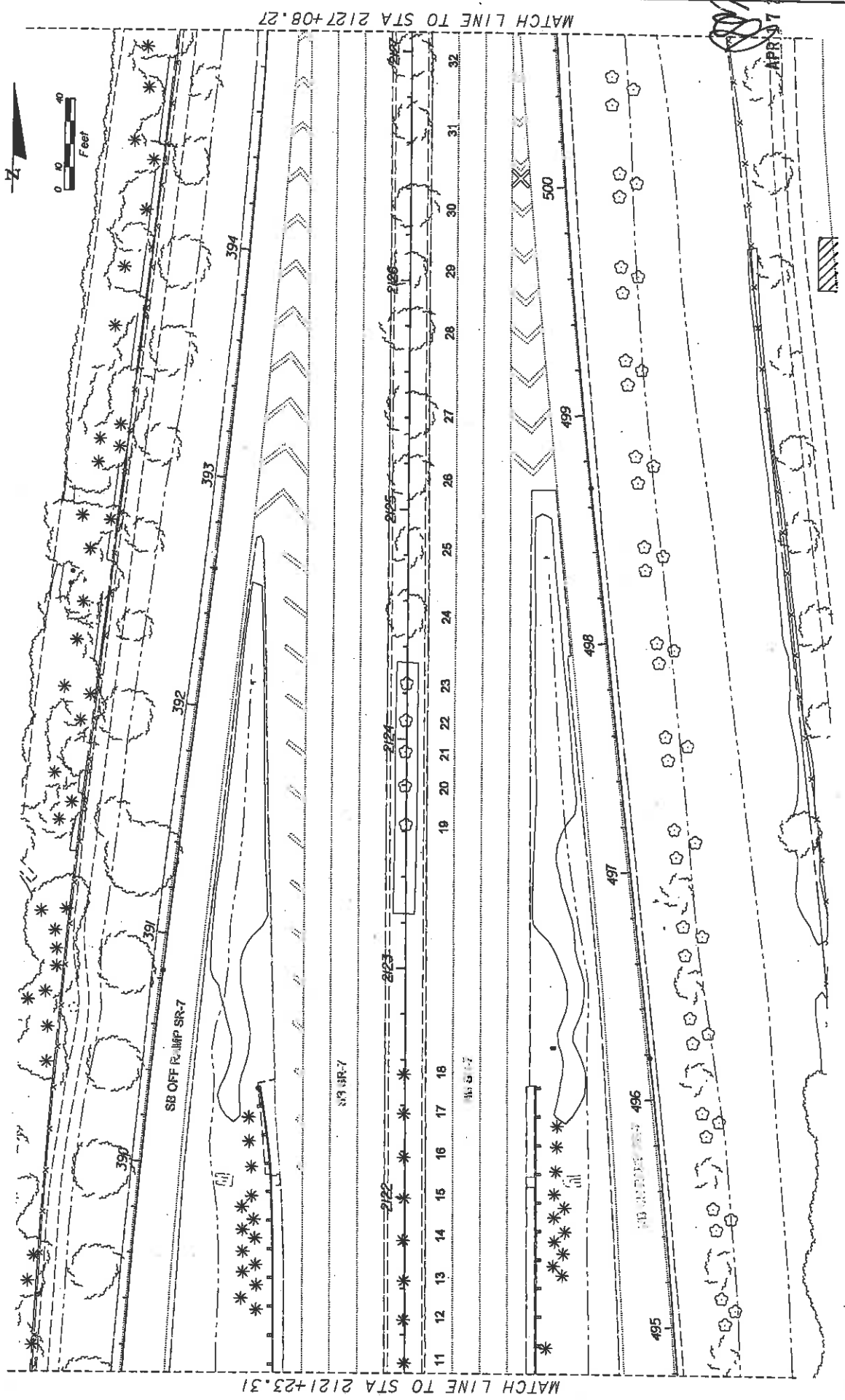
  

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO: 100205</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION COUNTY: BROWARD ROAD NO: 7 FINANCIAL PROJECT ID: 421662-1-52-01</p>	<p>SHEET NO. LD-13</p>
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APR 17 2009

APR 17 2009

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6100-09, F.A.C.



MATCH LINE TO STA 2121+23.31

MATCH LINE TO STA 2127+08.27

DATE	DESCRIPTION	REVISIONS	DATE

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO: 000265</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421652-1-52-01</p>	<p>SHEET NO. LD-14</p>
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DATE: 4/17/2009 10:53:31 AM

FILED

PROJECT: LANDWAY

DESCRIPTION

DATE

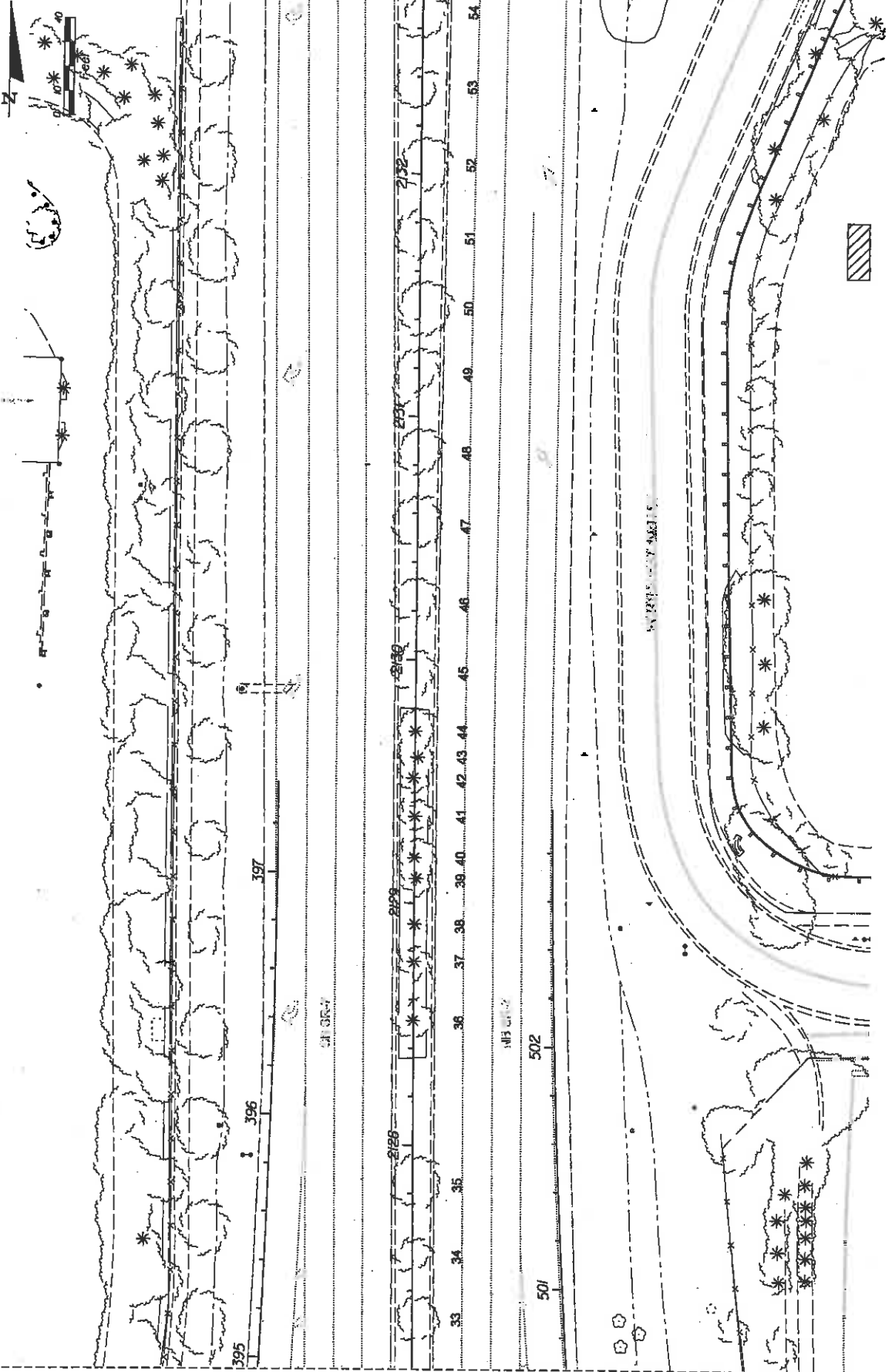
DESCRIPTION

DATE

APR 17 2009

MATCH LINE TO STA 2127+07.70

MATCH LINE TO STA 2132+93.16



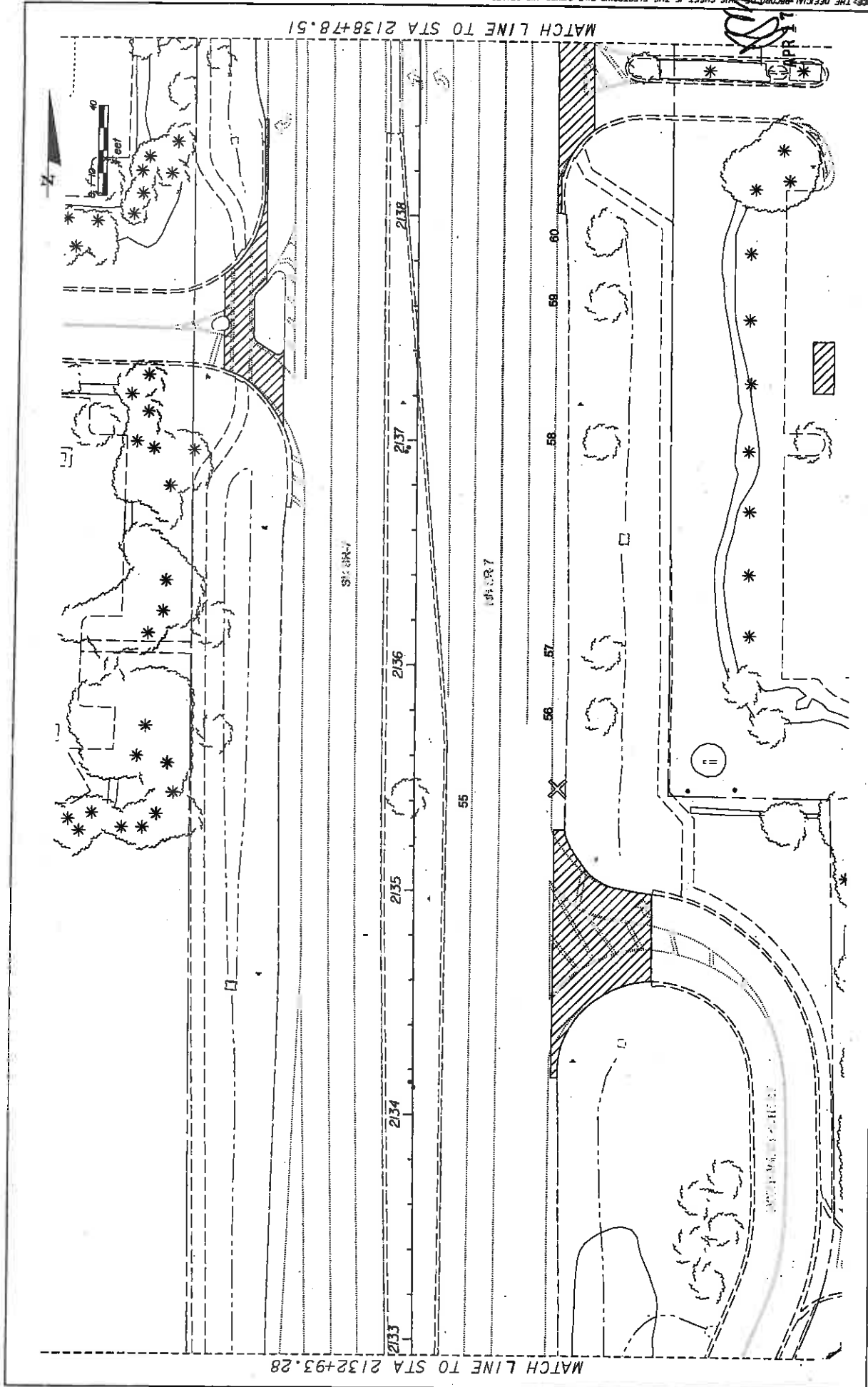
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6100-40N, F.A.C.

DATE	REVISIONS	DESCRIPTION

		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01
LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000205 2005 CHS 318.06 2005 CHS 318.07 2005 CHS 318.08 2005 CHS 318.09 2005 CHS 318.10 2005 CHS 318.11 2005 CHS 318.12 2005 CHS 318.13 2005 CHS 318.14 2005 CHS 318.15 2005 CHS 318.16 2005 CHS 318.17 2005 CHS 318.18 2005 CHS 318.19 2005 CHS 318.20 2005 CHS 318.21 2005 CHS 318.22 2005 CHS 318.23 2005 CHS 318.24 2005 CHS 318.25 2005 CHS 318.26 2005 CHS 318.27 2005 CHS 318.28 2005 CHS 318.29 2005 CHS 318.30 2005 CHS 318.31 2005 CHS 318.32 2005 CHS 318.33 2005 CHS 318.34 2005 CHS 318.35 2005 CHS 318.36 2005 CHS 318.37 2005 CHS 318.38 2005 CHS 318.39 2005 CHS 318.40 2005 CHS 318.41 2005 CHS 318.42 2005 CHS 318.43 2005 CHS 318.44 2005 CHS 318.45 2005 CHS 318.46 2005 CHS 318.47 2005 CHS 318.48 2005 CHS 318.49 2005 CHS 318.50 2005 CHS 318.51 2005 CHS 318.52 2005 CHS 318.53 2005 CHS 318.54		SHEET NO. LD-15

EXISTING CONDITIONS PLAN



NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6800-09, F.A.C.

DATE	REVISIONS	DESCRIPTION

<p><b>LAND DESIGN SOUTH</b> FLORIDA DEPARTMENT OF TRANSPORTATION CERTIFICATE OF AUTHORIZATION NO. 000008</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>

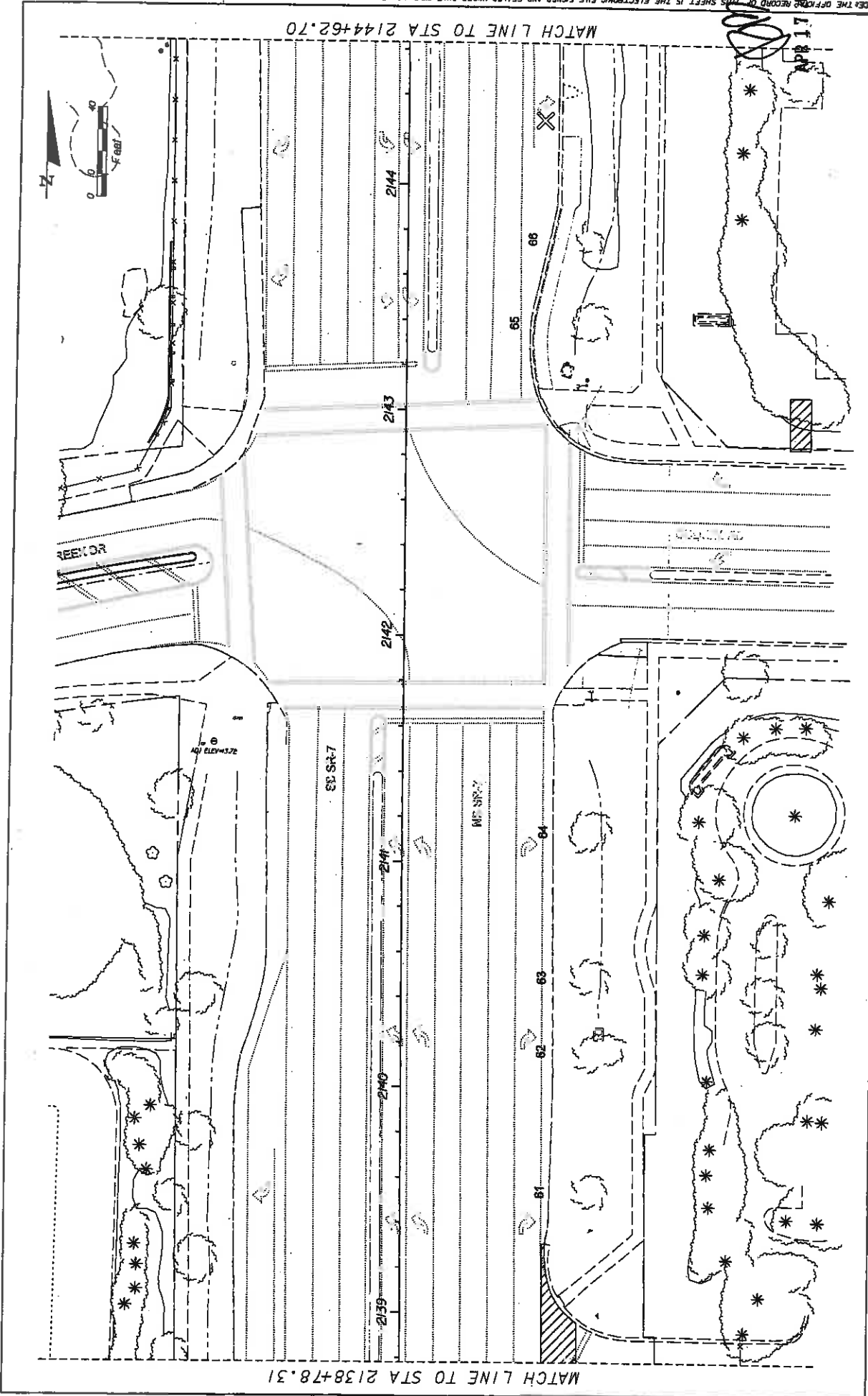
  

<p>DATE 4/17/2008</p>	<p>TIME 10:58 PM</p>	<p>SCALE 1"=40'</p>
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SHEET NO. LD-16

V:\Projects\11111111\11111111.dwg

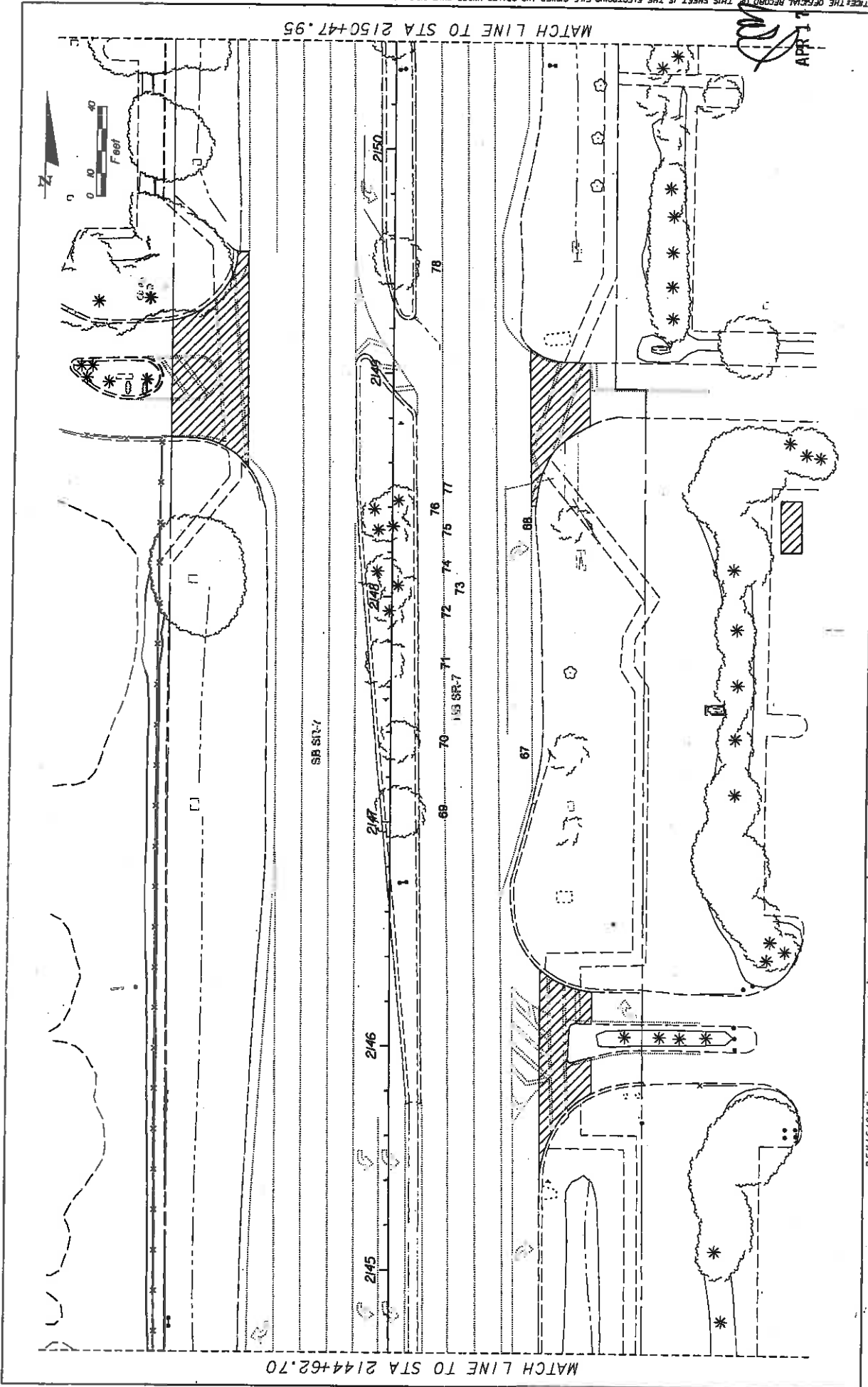


NOTICE THE OFFICE RECORD OF THIS SHEET IS THE ELECTRONIC FILE SAVED AND SEALED UNDER RULE 68D-10.01, F.A.C.

DATE	REVISIONS	DESCRIPTION

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000006</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>
<p>CONTRACTOR: LAND DESIGN SOUTH, INC. SITE NO. 000006 PROJECT NO. 000006</p>		<p>DATE: APR 17 2008</p>
<p>DESIGNER: LAND DESIGN SOUTH, INC.</p>		<p>SHEET NO. LD-17</p>



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61B0-10.001, F.A.C.

DATE	REVISIONS	DESCRIPTION

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000003</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>

<p>DATE</p>	<p>DESCRIPTION</p>

<p>APR 17 2009</p>	<p>LD-18</p>
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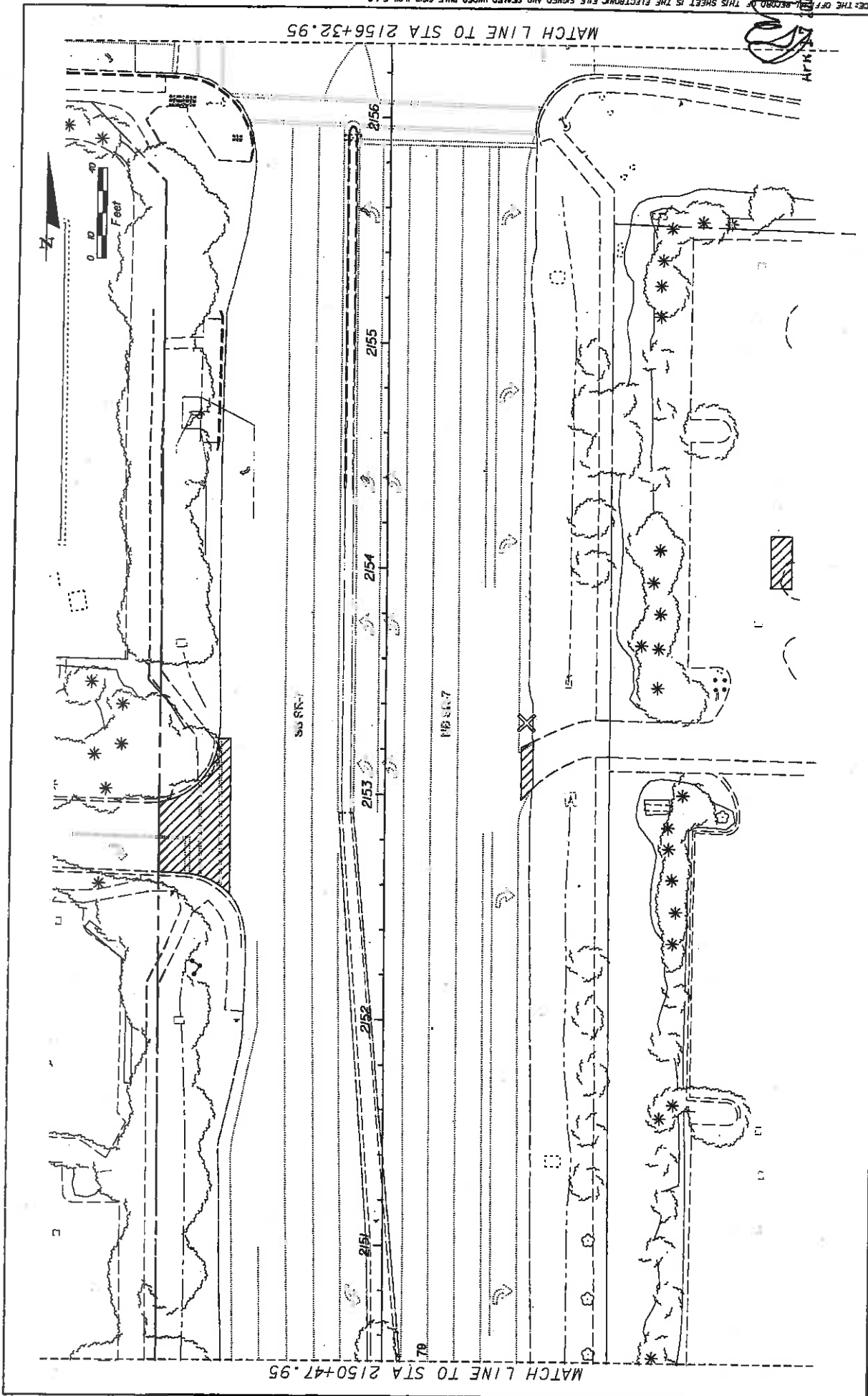
EXISTING CONDITIONS PLAN

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01

LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000003

DATE DESCRIPTION

REVISIONS DATE DESCRIPTION



MATCH LINE TO STA 2150+47.95

MATCH LINE TO STA 2156+32.95

NOTICE THE OFF-RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 680-10M, F.A.C.

APPR. 2019

DATE	REVISOR	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
			ROAD NO. 7
			COUNTY BROWARD
			FINANCIAL PROJECT ID 421662-1-52-01

LAND DESIGN SOUTH  
CERTIFICATE OF AUTHORIZATION NO. 000006

STATE OF FLORIDA  
SITE IN BEST INTEREST PROGRAM  
ROBERT BENZ LANGRISH  
CERTIFICATE OF AUTHORIZATION NO. 000006

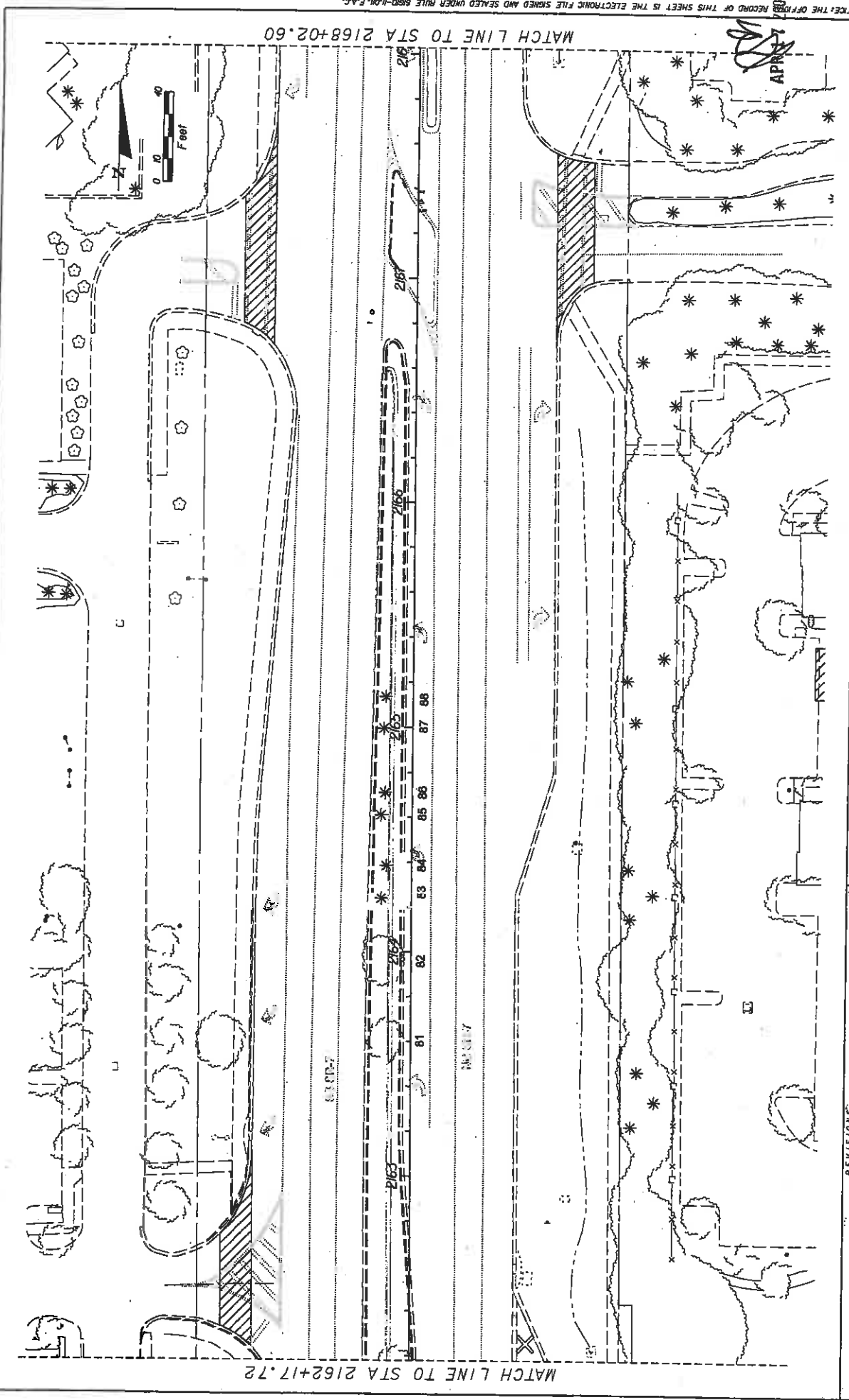
4/17/2008 12:12 PM

LD-19





NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68D0-1.001, F.A.C.



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

		IN A CERTAIN PORTION SITE IN WEST PALM BEACH CITY OF BROWARD COUNTY FLORIDA	
ROAD NO.	7	COUNTY	BROWARD
FINANCIAL PROJECT ID	421662-1-52-01		

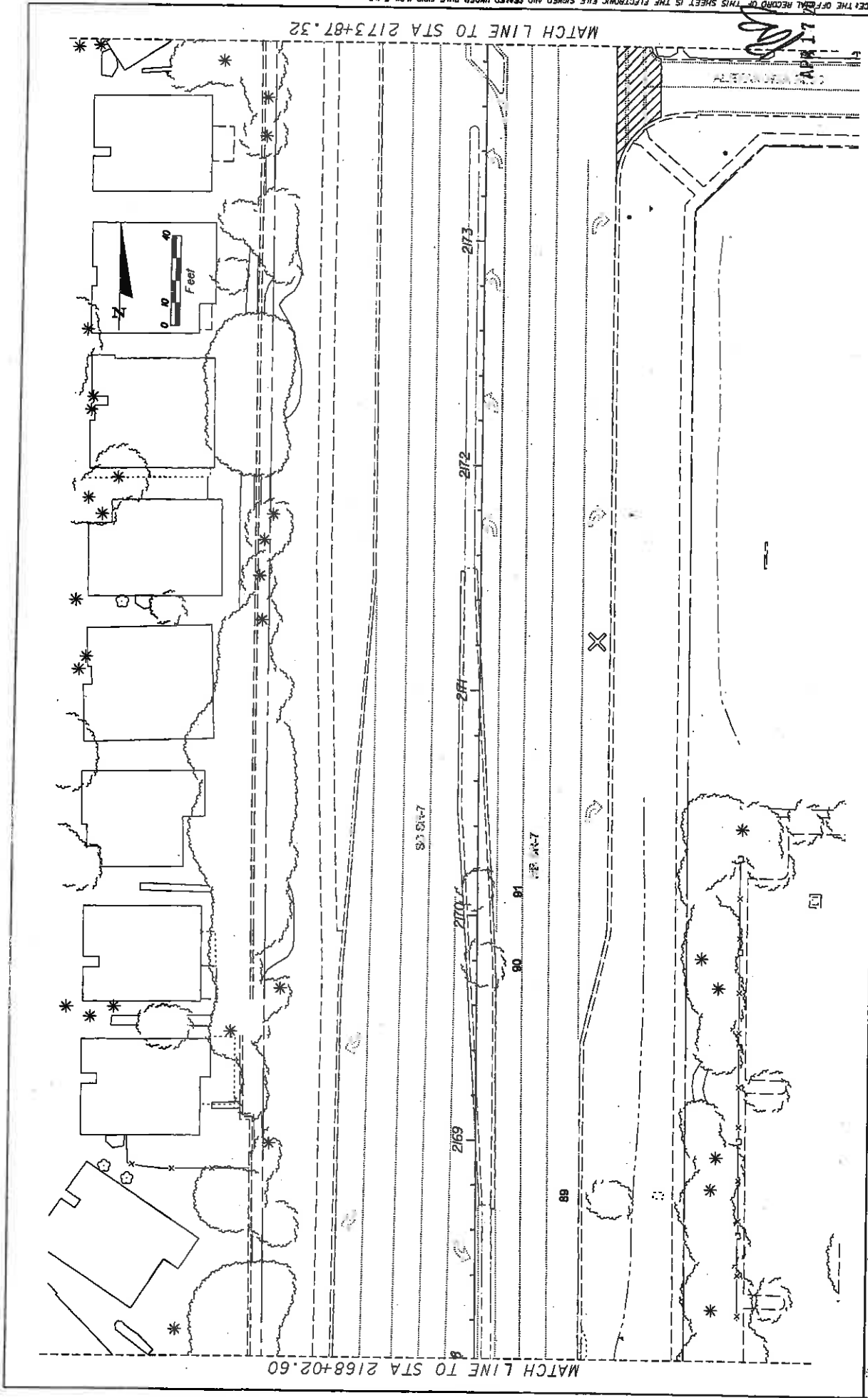
STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01
EXISTING CONDITIONS PLAN	

SHEET NO.	LD-21
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DATE: 10/27/2009 10:57 AM  
 USER: jay@lcsd.com  
 PROJECT: 421662-1-52-01

NOTICE THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 69D-1.01, F.A.C.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

<p><b>LAND DESIGN SOUTH</b> INCORPORATED CERTIFICATE OF AUTHORIZATION NO. 000205</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>

<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>	<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>
--	-------------------	-----------------------	--

<p>DATE</p>	<p>DESCRIPTION</p>	<p>REVISIONS</p>	<p>DATE</p>	<p>DESCRIPTION</p>
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**EXISTING CONDITIONS PLAN**

SHEET NO.

LD-22

DATE: 4/17/2009

SCALE: 1/8" = 1'-0"

PROJECT: 421662-1-52-01

DATE: 4/17/2009

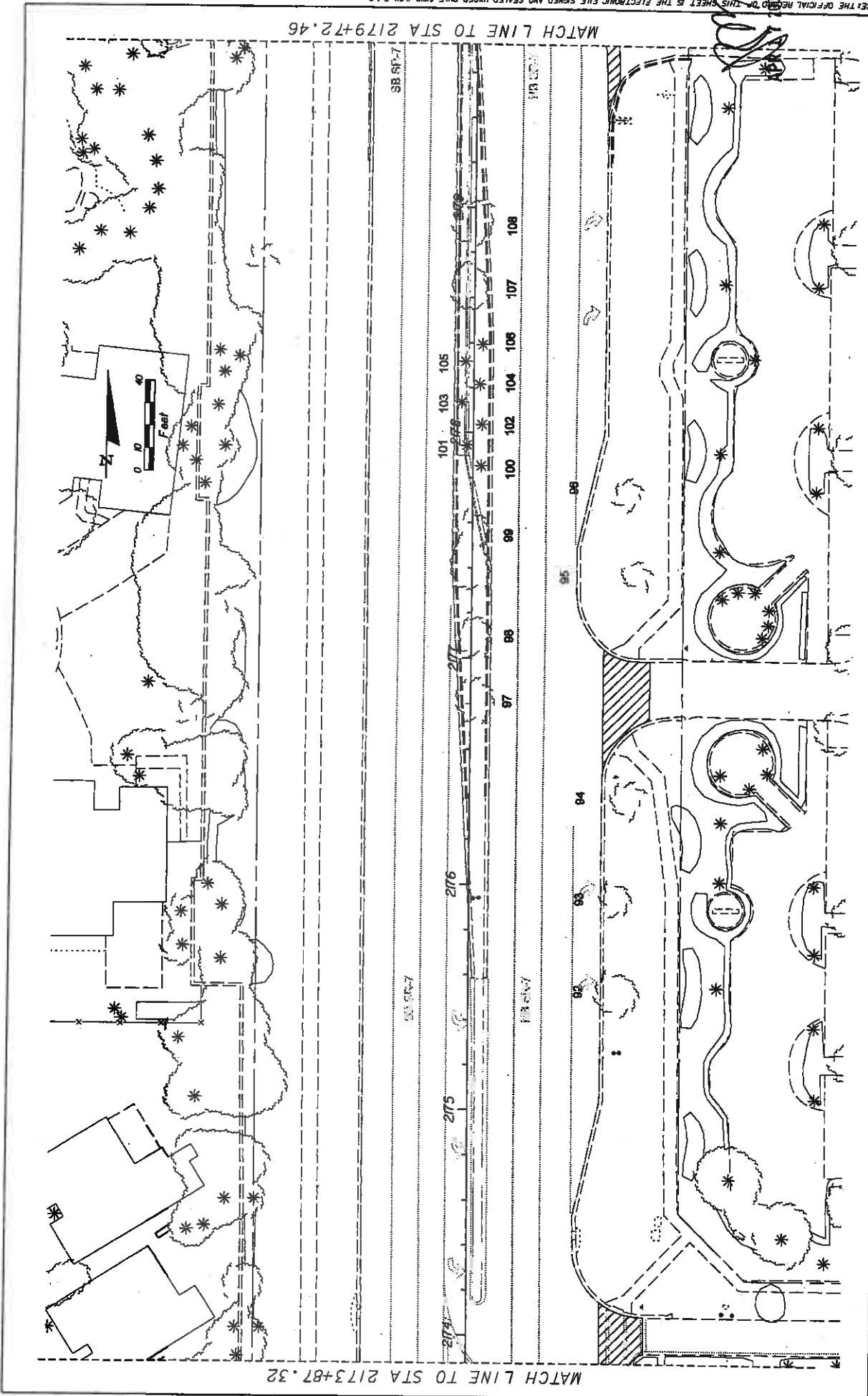
PROJECT: 421662-1-52-01

DATE: 4/17/2009

PROJECT: 421662-1-52-01

DATE: 4/17/2009

PROJECT: 421662-1-52-01



MATCH LINE TO STA 2173+87.32

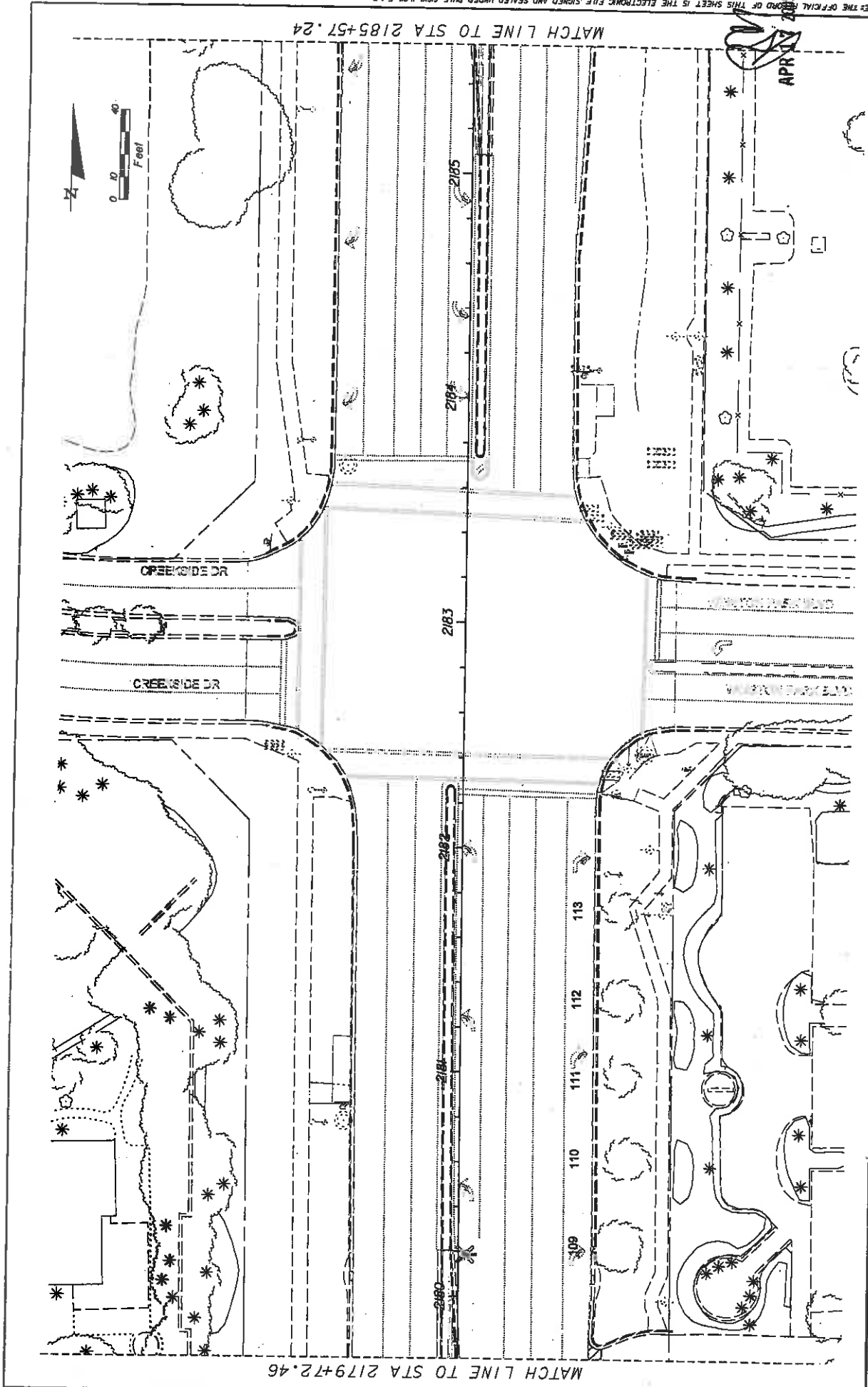
MATCH LINE TO STA 2179+72.46

DATE	REVISION	REVISIONS	DESCRIPTION

<p>LAND DESIGN SOUTH INC. CERTIFICATE OF AUTHORIZATION NO. 000006 AND PROFESSIONAL ENGINEER NO. 10114400</p>		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01
SHEET NO. LD-23		DATE 6/17/2009 DRAWN BY 1046574

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61B0-10.001, F.A.C.



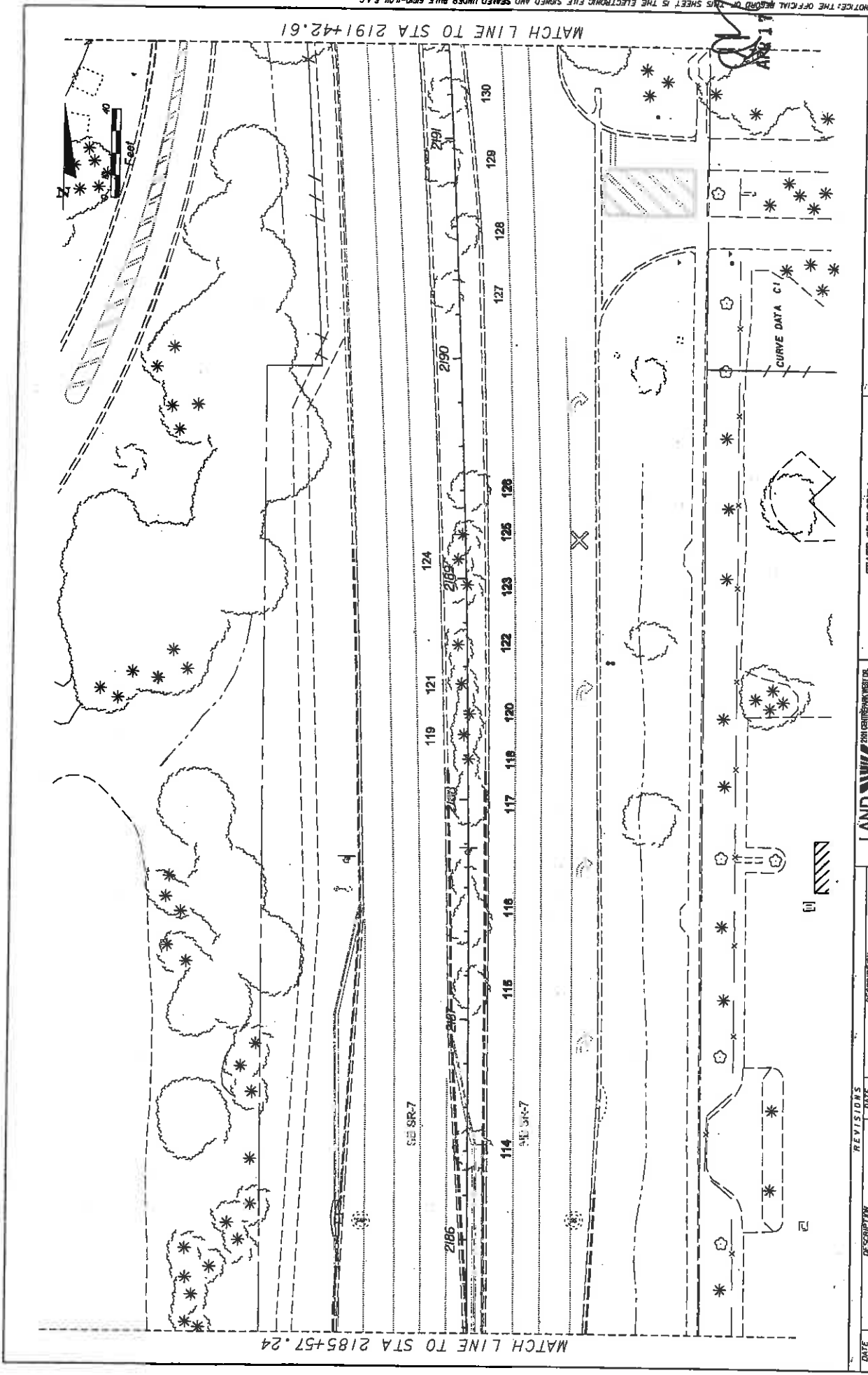
DATE	REVISION	DESCRIPTION	REVISOR	DATE	DESCRIPTION

ALL CITY/TOWN/VILLAGE OR COUNTY BOARD OF SUPERVISORS AND COUNTY BOARD OF COMMISSIONERS CERTIFICATE OF AUTHORIZATION NO: 000205	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-24
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**EXISTING CONDITIONS PLAN**

07/08/05 08:00 PM  
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 07/08/05



MATCH LINE TO STA 2191+42.61

MATCH LINE TO STA 2185+57.24

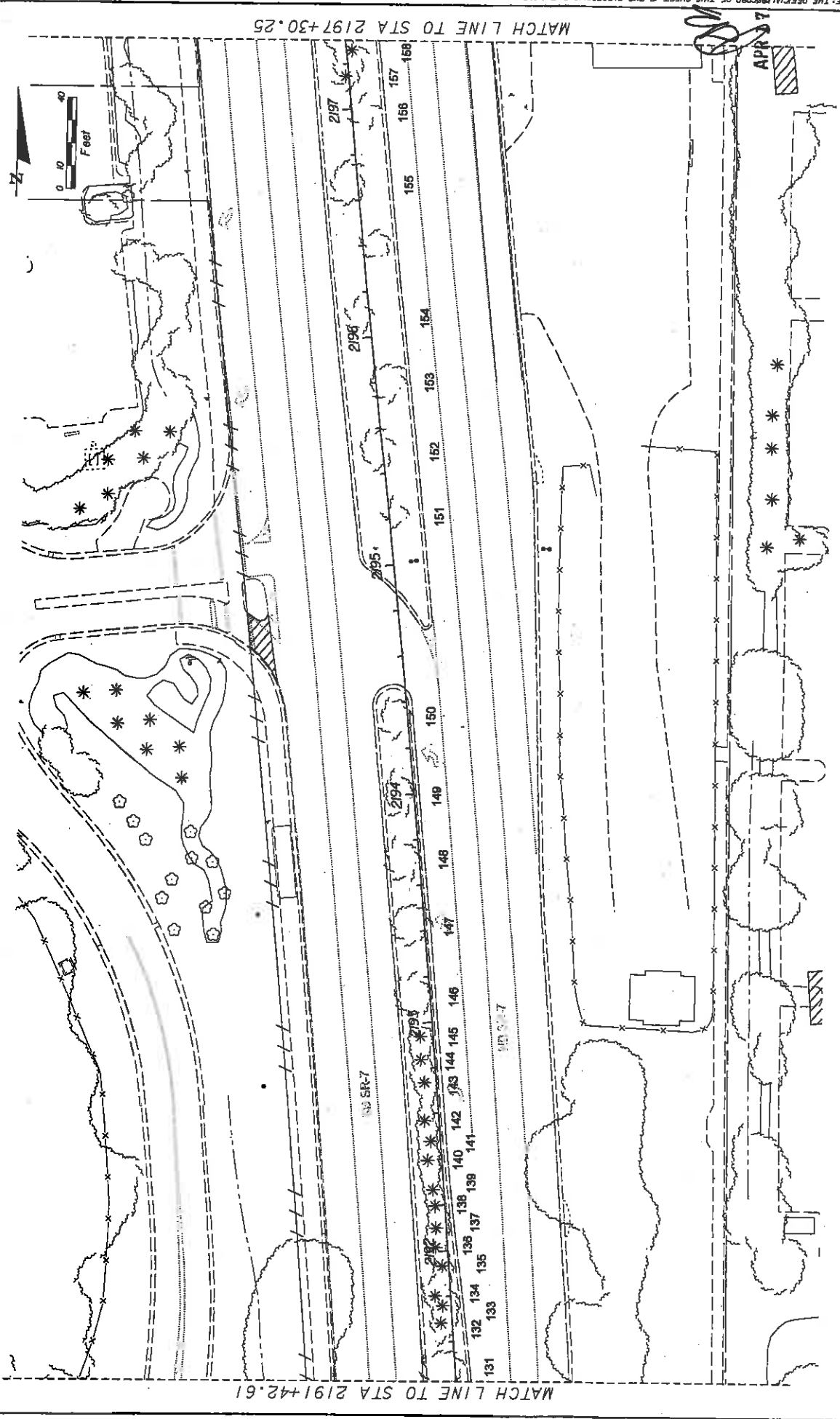
DATE	REVISIONS	DESCRIPTION	DATE	DESCRIPTION
LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. C0080		2015 STATEWIDE SITE ID: WEST PALM BEACH BROWARD COUNTY PROJECT: I-52-01 ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01		
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01		
EXISTING CONDITIONS PLAN		SHEET NO. LD-25		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61B0-4.001, F.A.C.

1/17/2018 10:58 AM

001


5009

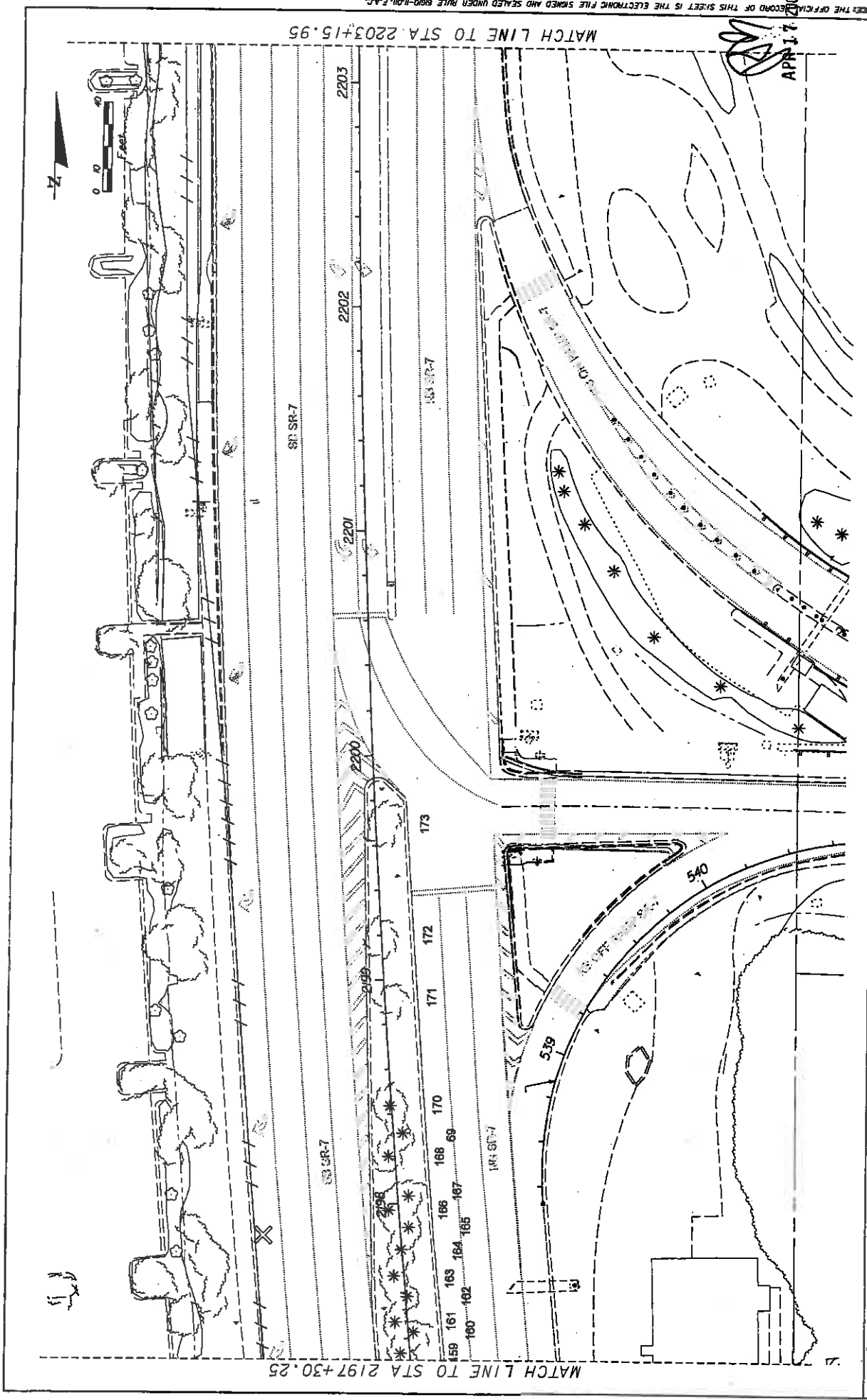


NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68D-10.01, F.A.C.

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

 <b>LAND DESIGN SOUTH</b> CERTIFICATE OF AUTHORIZATION NO. 00026		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION COUNTY: BROWARD ROAD NO.: 7 FINANCIAL PROJECT ID: 421662-1-52-01	SHEET NO.: LD-26
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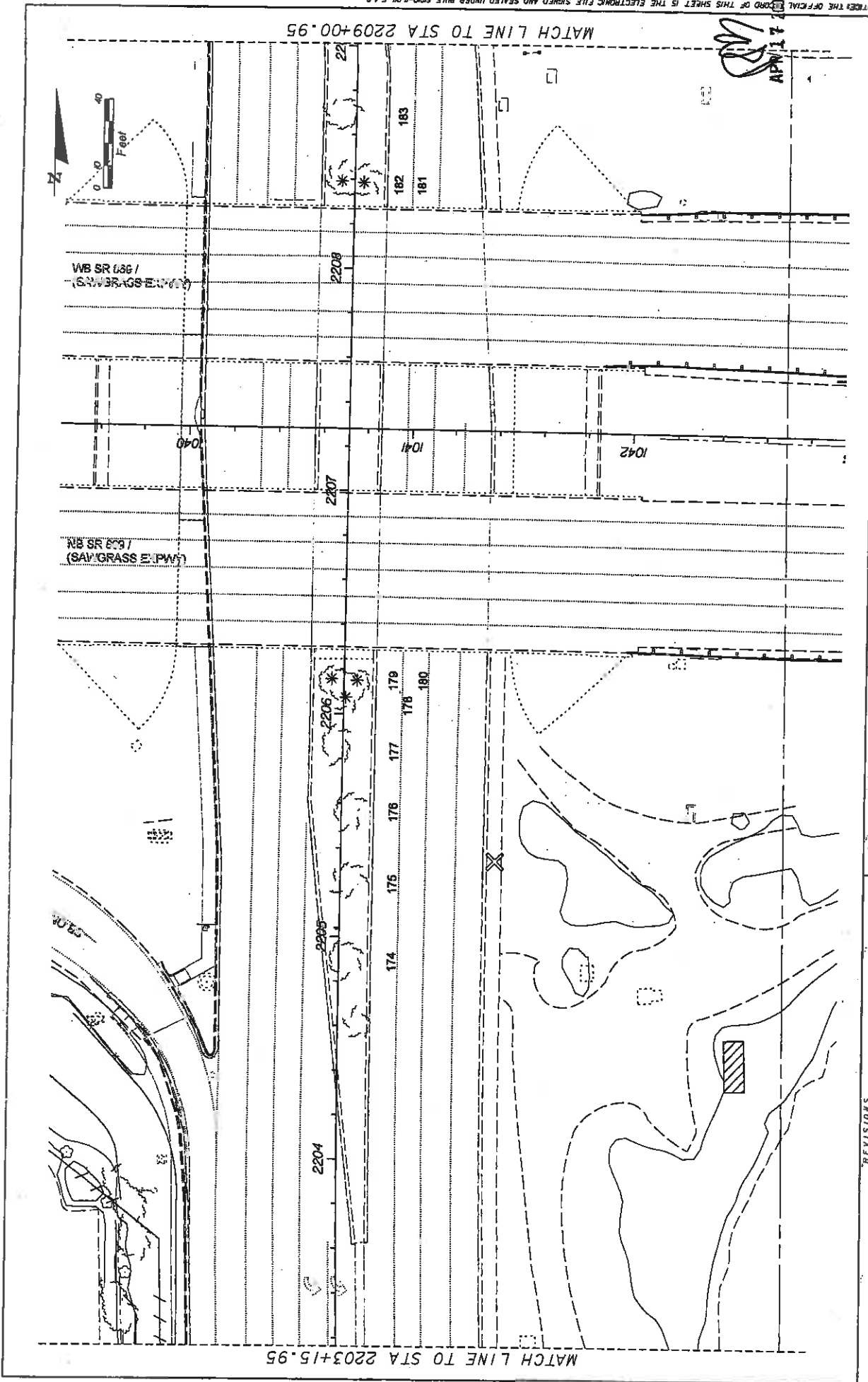
NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6800-R(10), F.A.C. APR 17 2009

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-27
THE ENGINEER HEREBY CERTIFIES THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.		APR 17 2009	

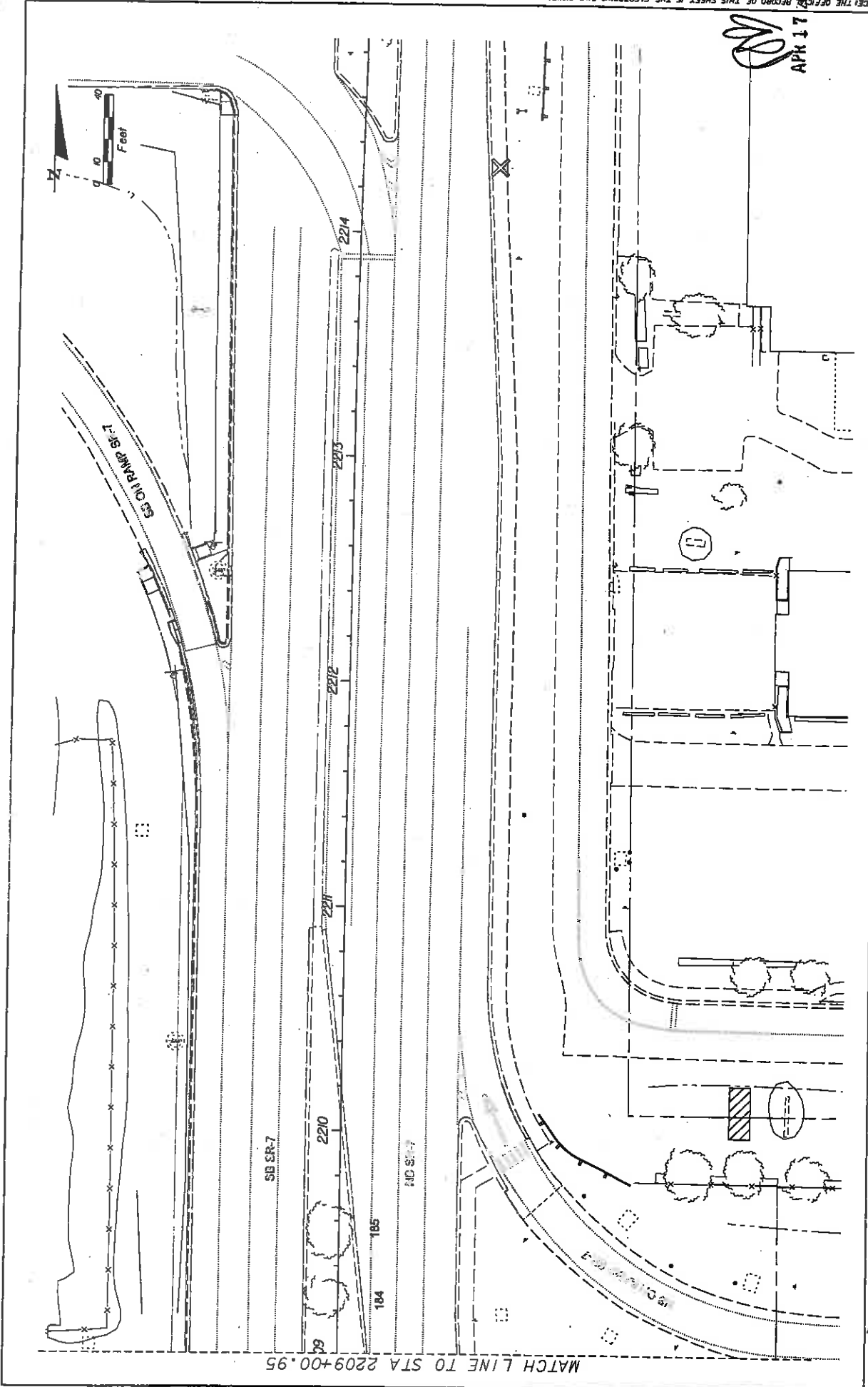




REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000206 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD		FINANCIAL PROJECT ID 421662-1-52-01	
		SHEET NO. LD-28	
		EXISTING CONDITIONS PLAN	

4/17/2009 10:23:39 PM \\p001\ntf\m\000\000\1\00002061\000002061\000002061.dwg

APR 17 2009



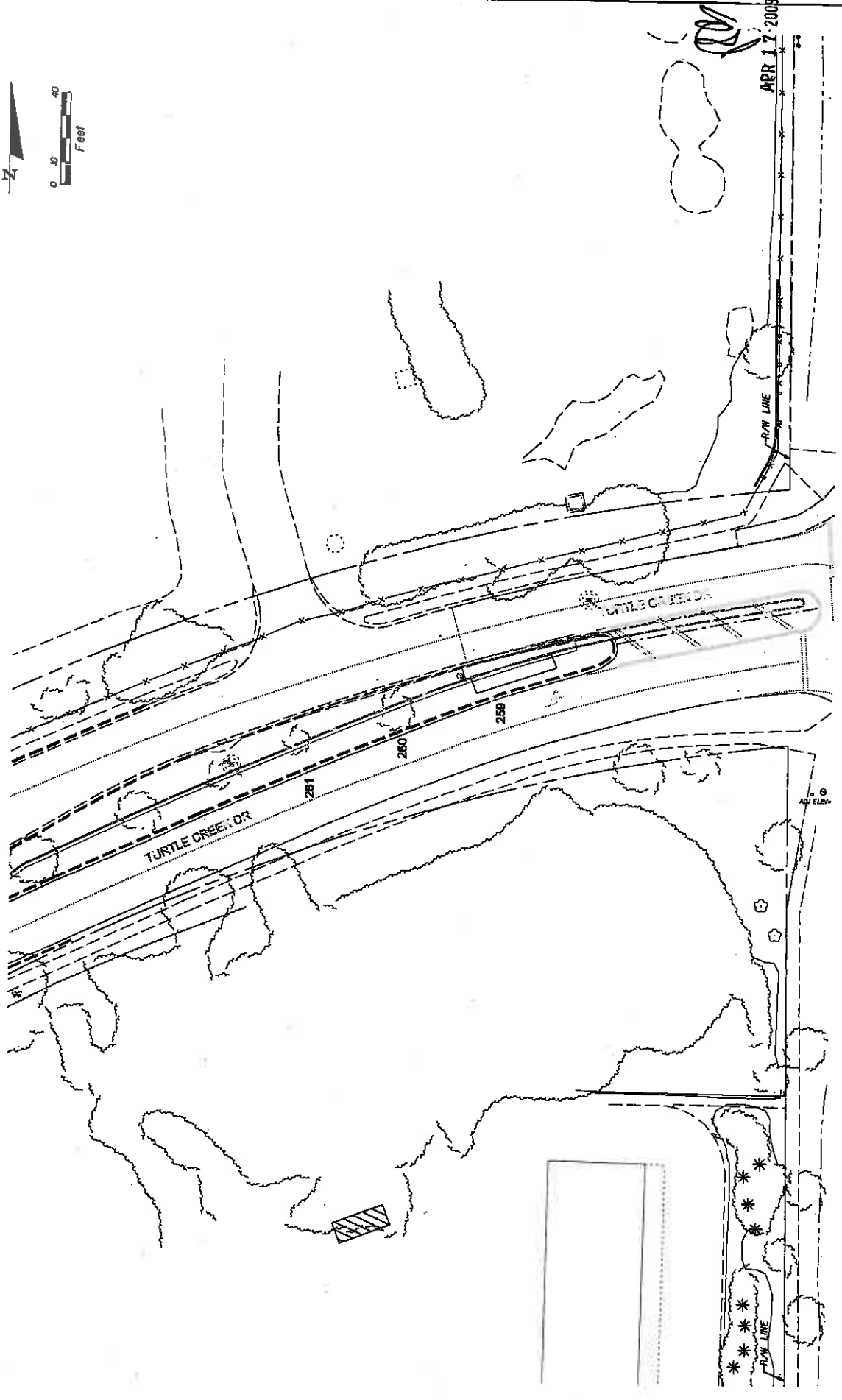
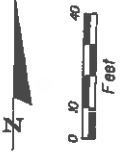
SHEET NO. LD-29

**EXISTING CONDITIONS PLAN**

STATE OF FLORIDA	FINANCIAL PROJECT ID
DEPARTMENT OF TRANSPORTATION	421662-1-52-01
ROAD NO. 7	COUNTY BROWARD


**LAND DESIGN SOUTH**  
 CERTIFICATE OF AUTHORIZATION NO. 000205  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 BROWARD COUNTY

REVISIONS	DATE	DESCRIPTION

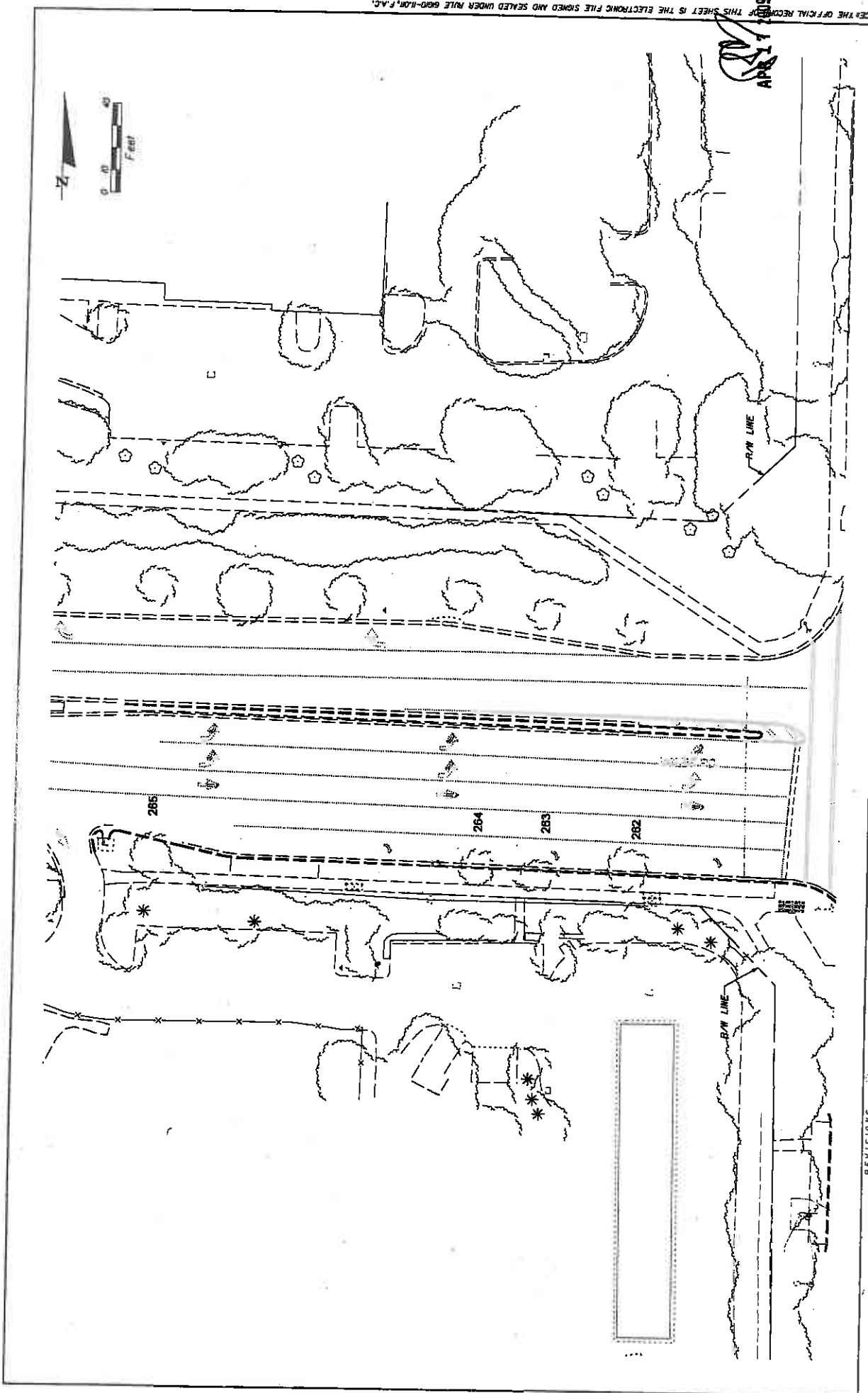


APR 17 2008

REVISED		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000000		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
VIA CONSTRUCTION OF SITE IN MULTIMODAL BROWARD COUNTY CERTIFICATE NUMBER 000000		ROAD NO. 7	COUNTY BROWARD
FINANCIAL PROJECT ID 421662-1-52-01		SHEET NO. LD-30	



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60D-10.01, F.A.C.

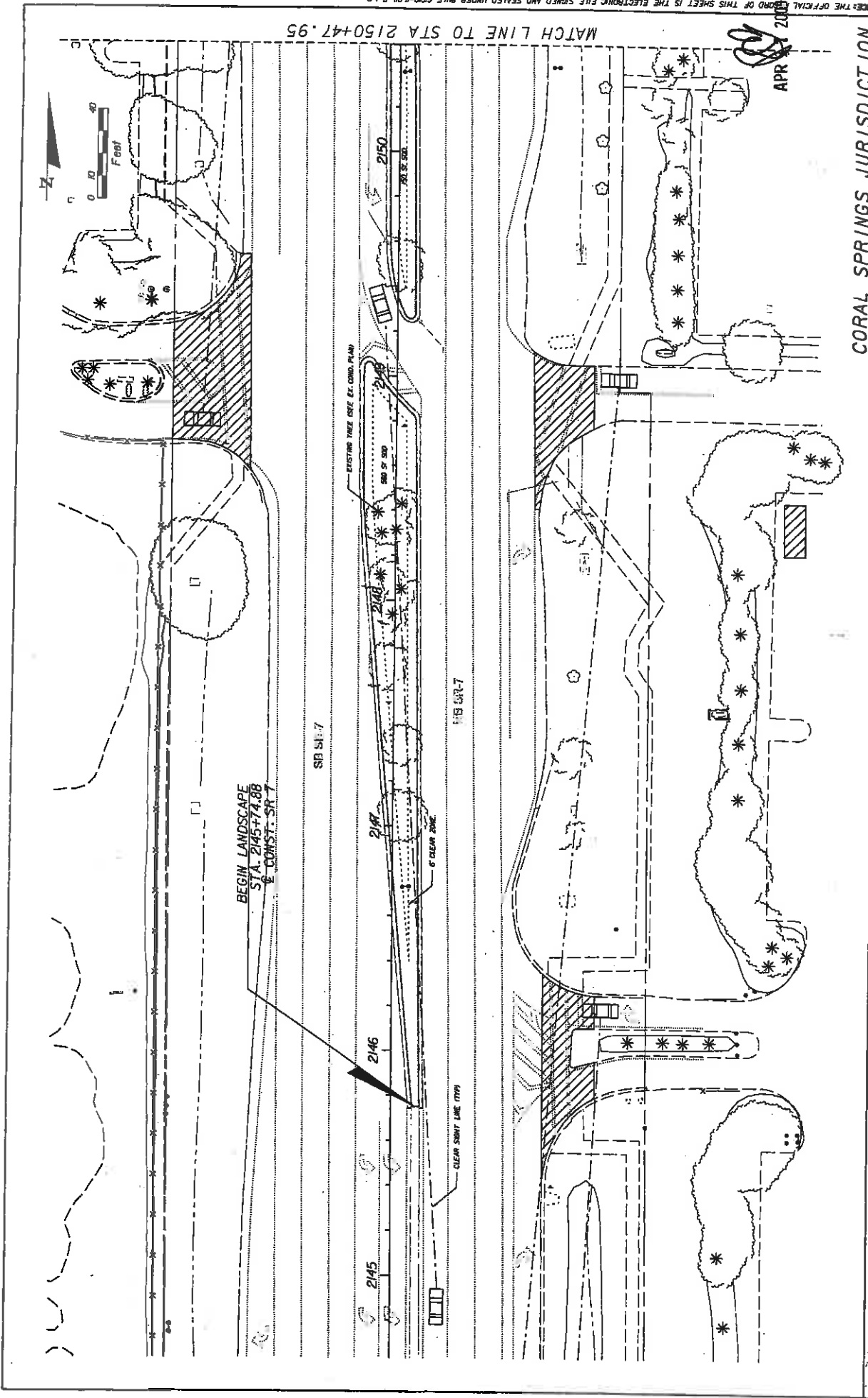
APR 11 2009

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

<p><b>LAND DESIGN SOUTH</b> CERTIFICATE OF AUTHORIZATION NO: 000005</p>		<p>101 CHATELAIN NEBULA SUITE 100 DALLAS, TEXAS 75241 817-412-8800 WWW.LANDDESIGN.COM</p>	<p>STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01</p>	<p>SHEET NO. LD-31</p>
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4/17/2009 10:55:57 AM C:\WORK\2009\421662-1-52-01\LD-31.dwg



APR 11 2011

CORAL SPRINGS JURISDICTION

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

<p>LAND DESIGN SOUTH INCORPORATED CERTIFICATE OF AUTHORIZATION NO. 000000</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID. 421662-1-52-01</p>

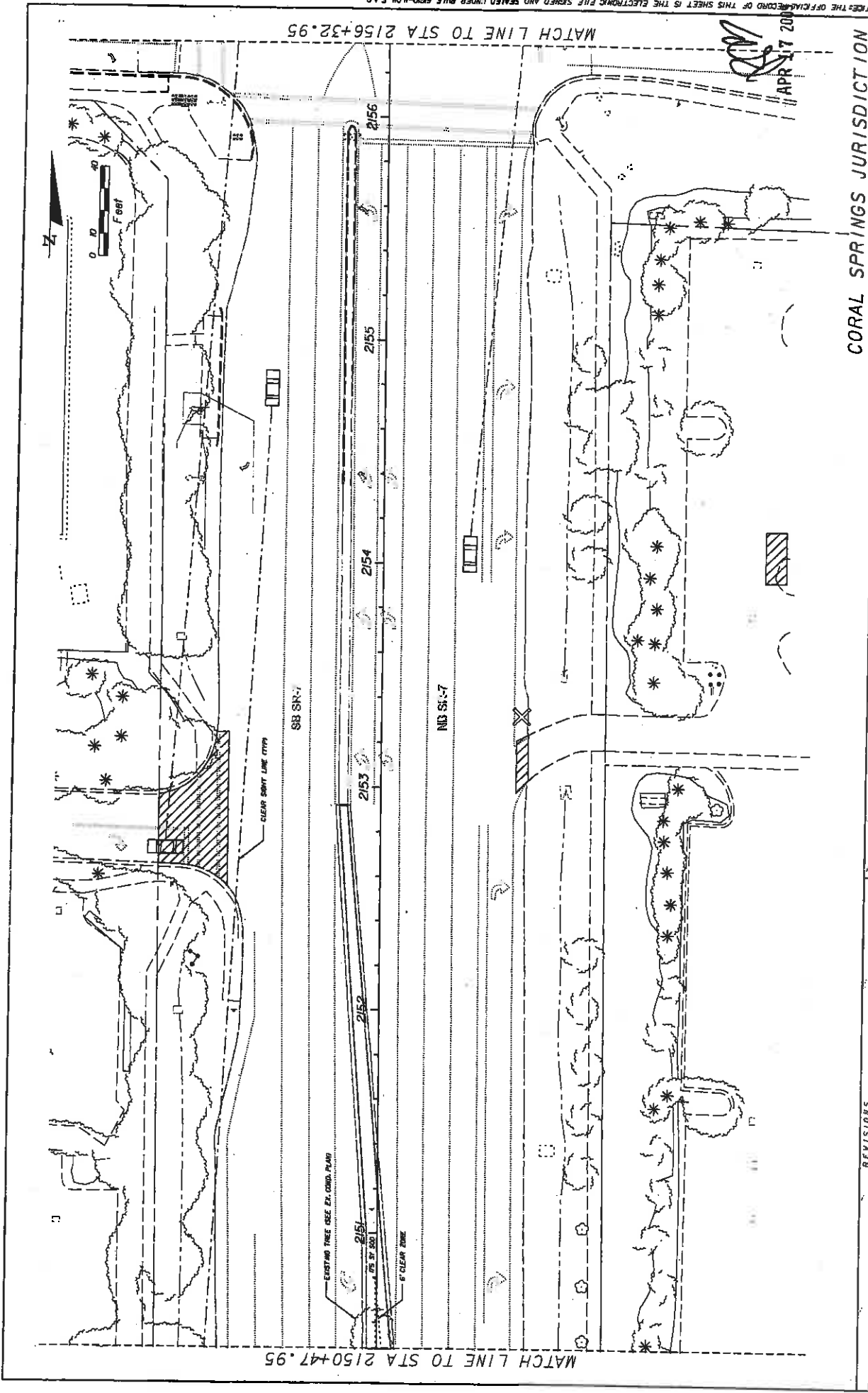
  

<p>DATE IN COMPLIANCE WITH F.S. 318.04</p>	<p>DATE IN COMPLIANCE WITH F.S. 318.04</p>
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SHEET NO. LD-32

NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60D-10.1, F.A.C.



CORAL SPRINGS JURISDICTION

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

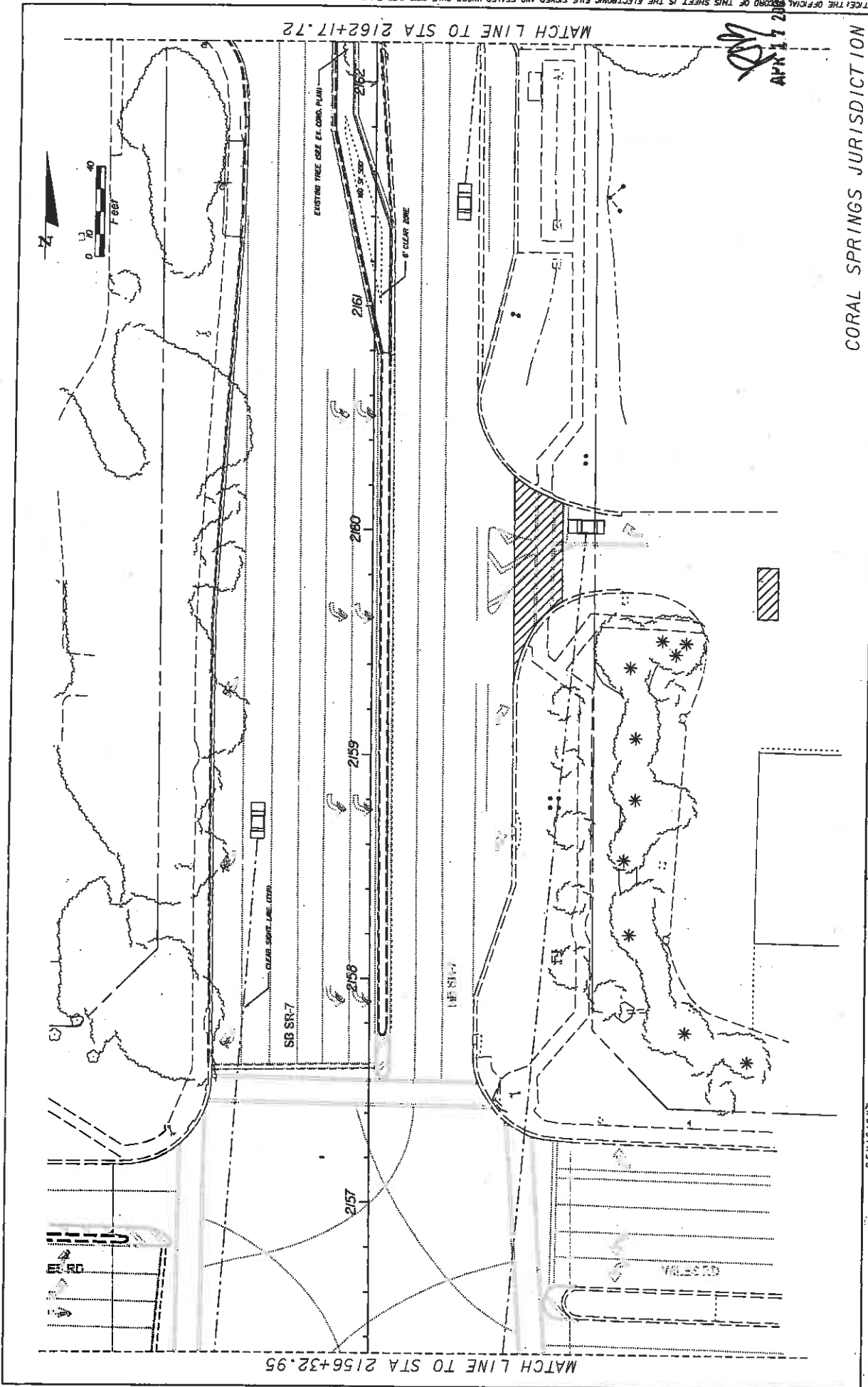
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ROAD NO. 7	COUNTY BROWARD	FINANCIAL PROJECT ID 421662-1-52-01	

DIVISION OF LAND MANAGEMENT SITE TO BE MAINTAINED BY (RAB)	PROJECT NUMBER 421662-1-52-01
--	----------------------------------

SHEET NO. LD-33
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MATCH LINE TO STA 2162+17.72

MATCH LINE TO STA 2156+32.95

APR 17 2009

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CORAL SPRINGS JURISDICTION

DATE	REVISION'S	DESCRIPTION

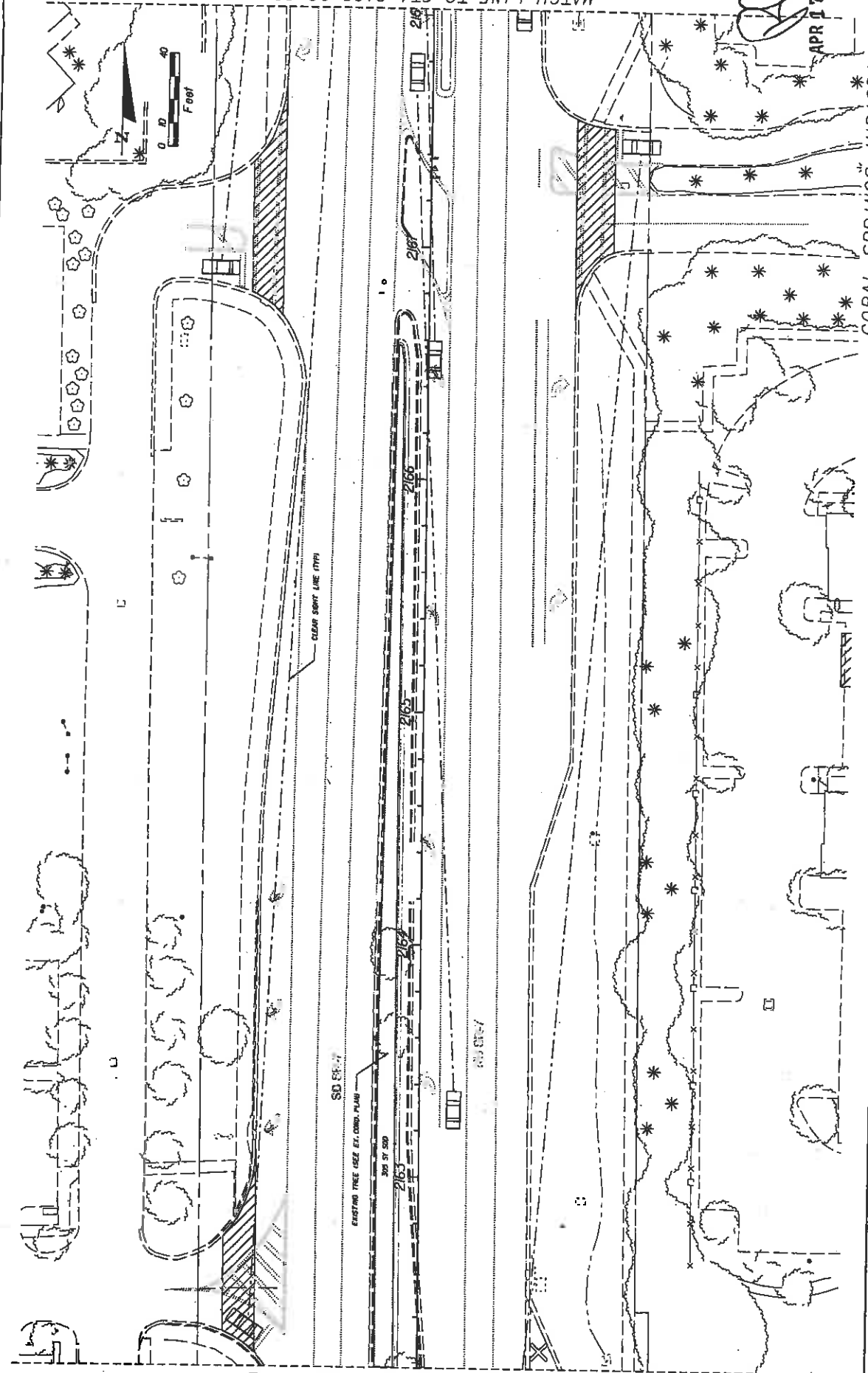
LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO: 000000		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-34
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4/17/2009 10:56:57 AM

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 690-10M, F.A.C.

MATCH LINE TO STA 2168+02.60

MATCH LINE TO STA 2162+17.72



APR 17 2009

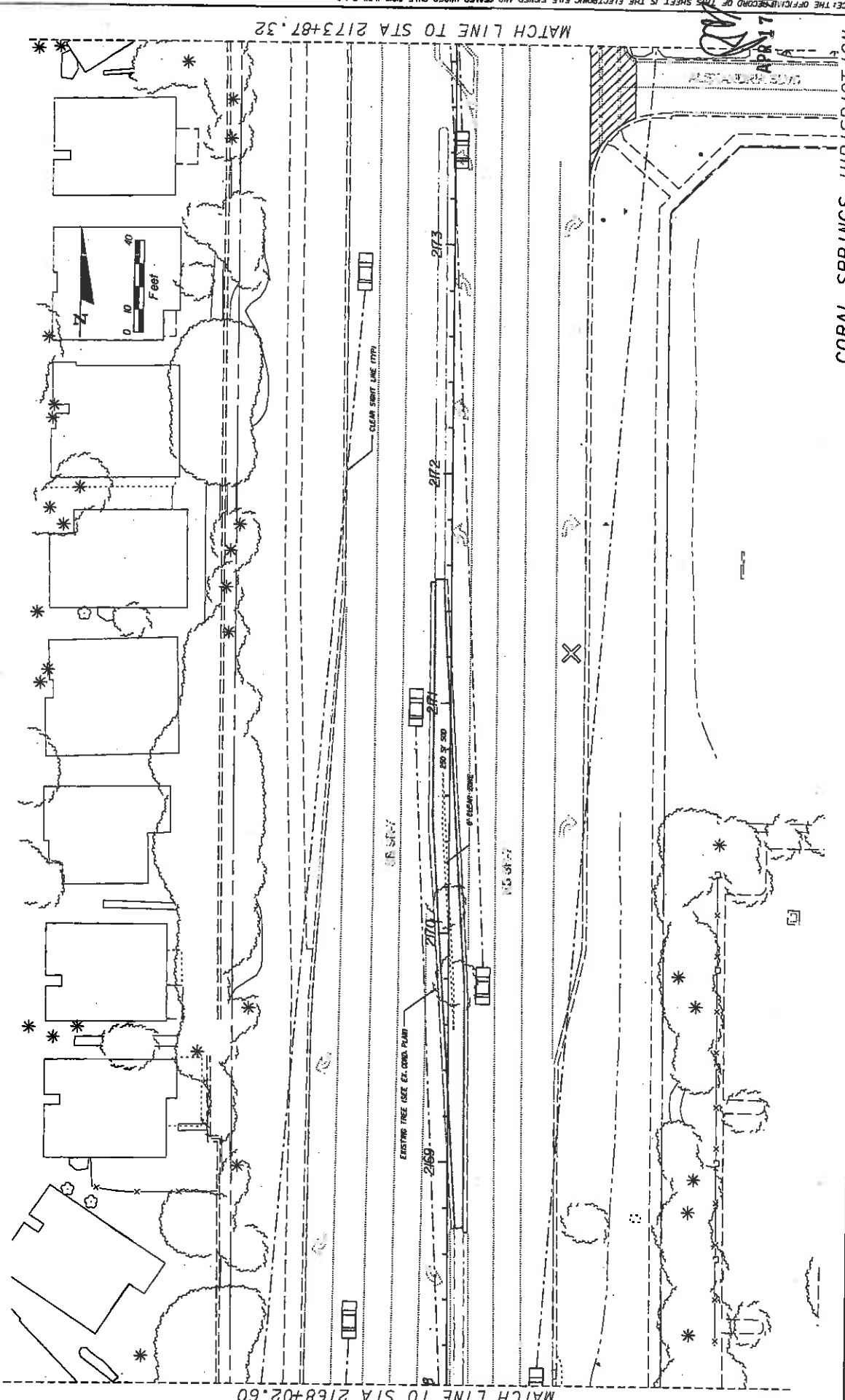
CORAL SPRINGS JURISDICTION

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000005</p>		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-35
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APR 17 2009



CORAL SPRINGS JURISDICTION

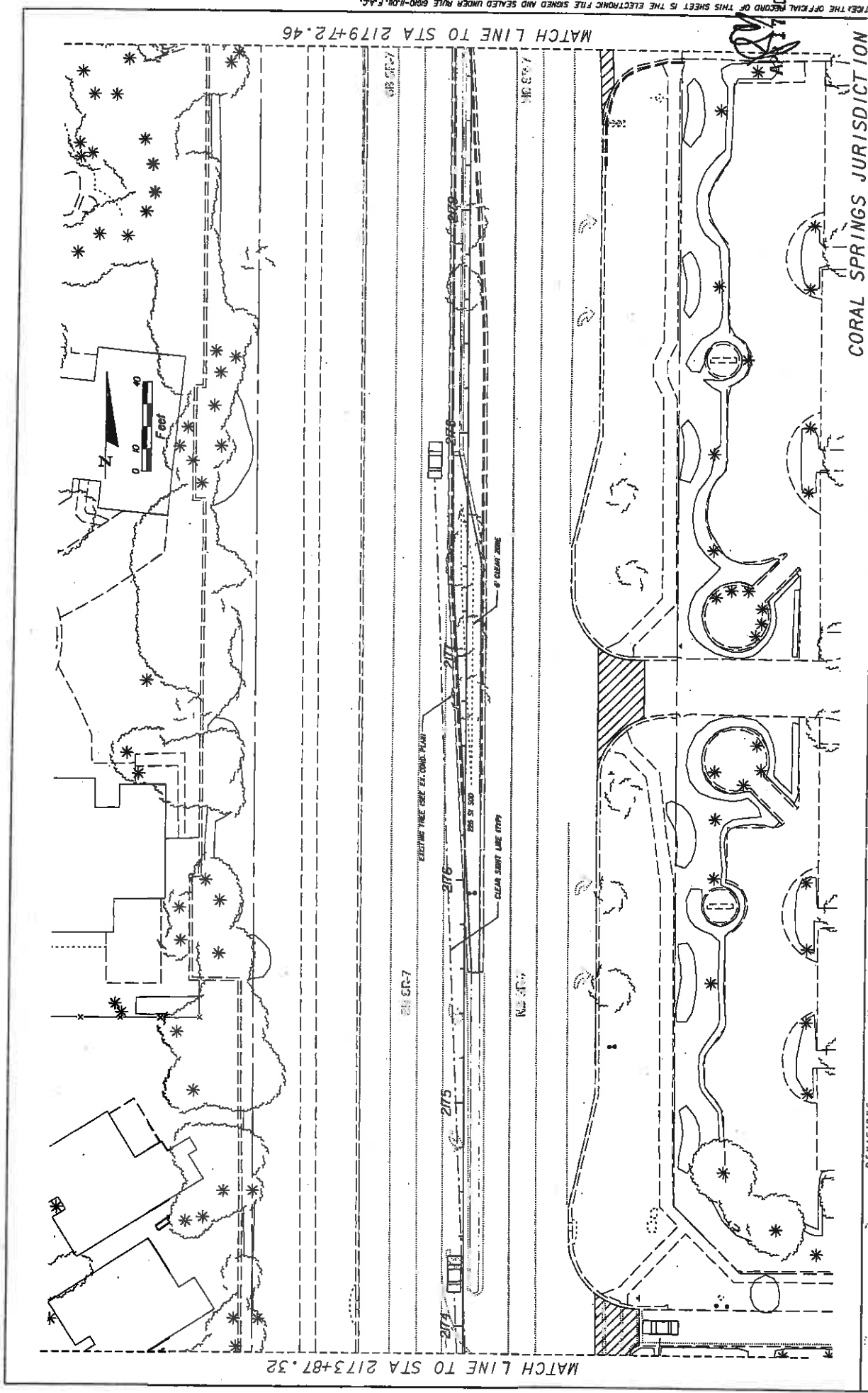
SHEET NO. LD-36

LANDSCAPE PLAN

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01

LAND DESIGN SOUTH  
CERTIFICATE OF AUTHORIZATION NO. 000006  
LANDSCAPE ARCHITECT  
1400 WEST PALM BEACH BLVD  
SUITE 100  
WEST PALM BEACH, FL 33411

DATE	DESCRIPTION	REVISIONS	DESCRIPTION



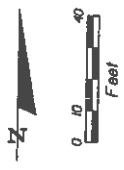
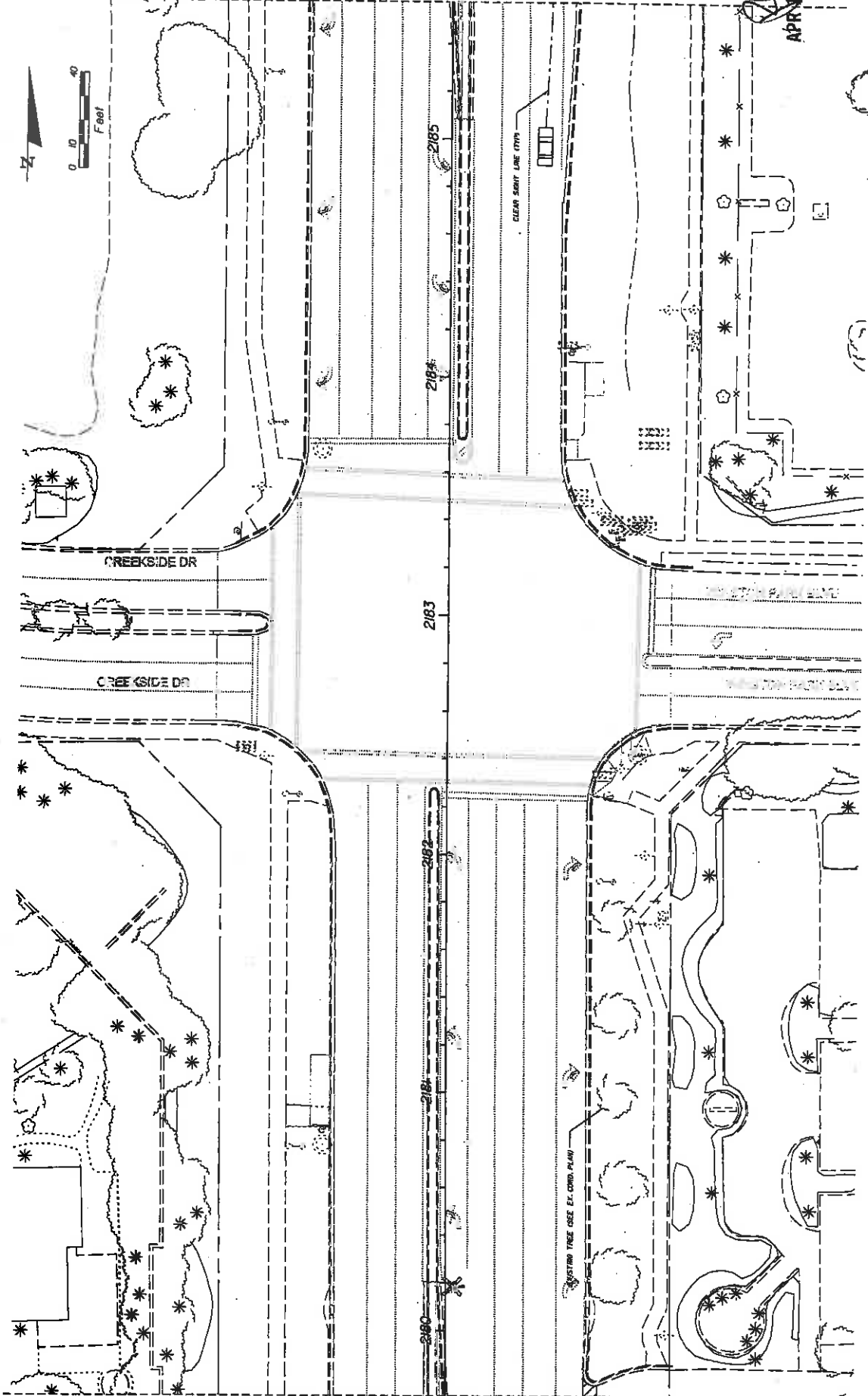
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60D-10.1, F.A.C.

DATE	REVISOR	DESCRIPTION

		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01
LAND DESIGN SOUTH, INC. 10000 W. PALM BEACH BLVD., SUITE 100 PALM BEACH, FLORIDA 33411 PHONE: 561-833-1111 FAX: 561-833-1112 WWW.LANDDESIGN.COM		SHEET NO. LD-37 DATE 4/17/2008 DRAWN BY

MATCH LINE TO STA 2185+57.24



MATCH LINE TO STA 2179+72.46

APR 17 2009

CORAL SPRINGS JURISDICTION

SHEET NO. LD-38

LANDSCAPE PLAN

STATE OF FLORIDA	FINANCIAL PROJECT ID
DEPARTMENT OF TRANSPORTATION	421662-1-52-01
ROAD NO. 7	COUNTY BROWARD

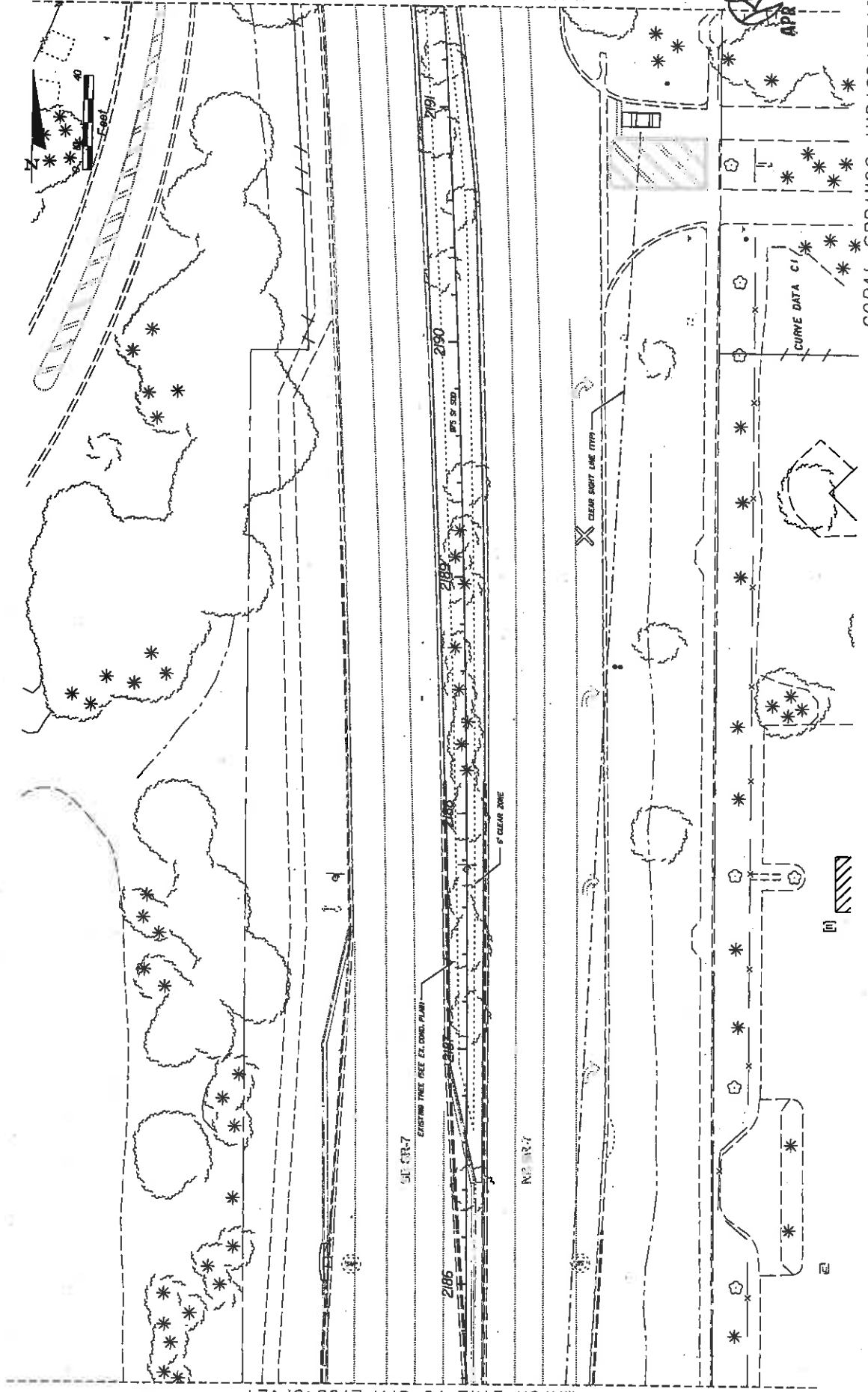
LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO. 000206  
 IN CONFORMANCE WITH  
 SECTION 348.04, F.S.  
 REGISTERED LANDSCAPE ARCHITECT

DATE	REVISION	DESCRIPTION

NOTICE THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 690-1.04, F.A.C.

APR 17 2009

MATCH LINE TO STA 2191+42.61



MATCH LINE TO STA 2185+57.24

CORAL SPRINGS JURISDICTION

SHEET NO. LD-39

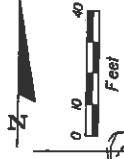
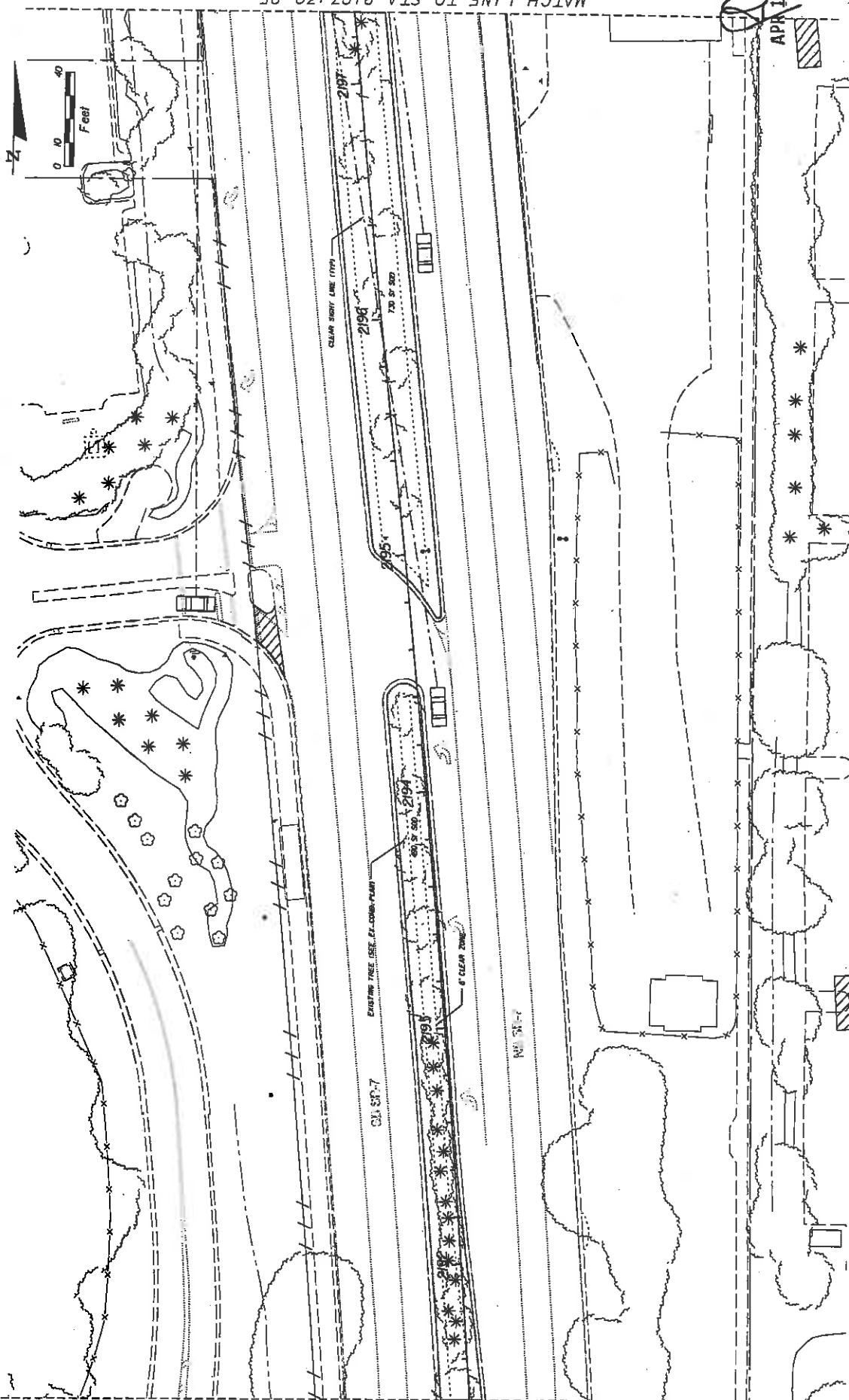
STATES OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 7  
 COUNTY BROWARD  
 FINANCIAL PROJECT ID 421662-1-52-01

LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO. 000208  
 10/17/2009

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60D-11.01, F.A.C.

MATCH LINE TO STA 2197+30.25



APR 17 2009

CORAL SPRINGS JURISDICTION

SHEET NO.

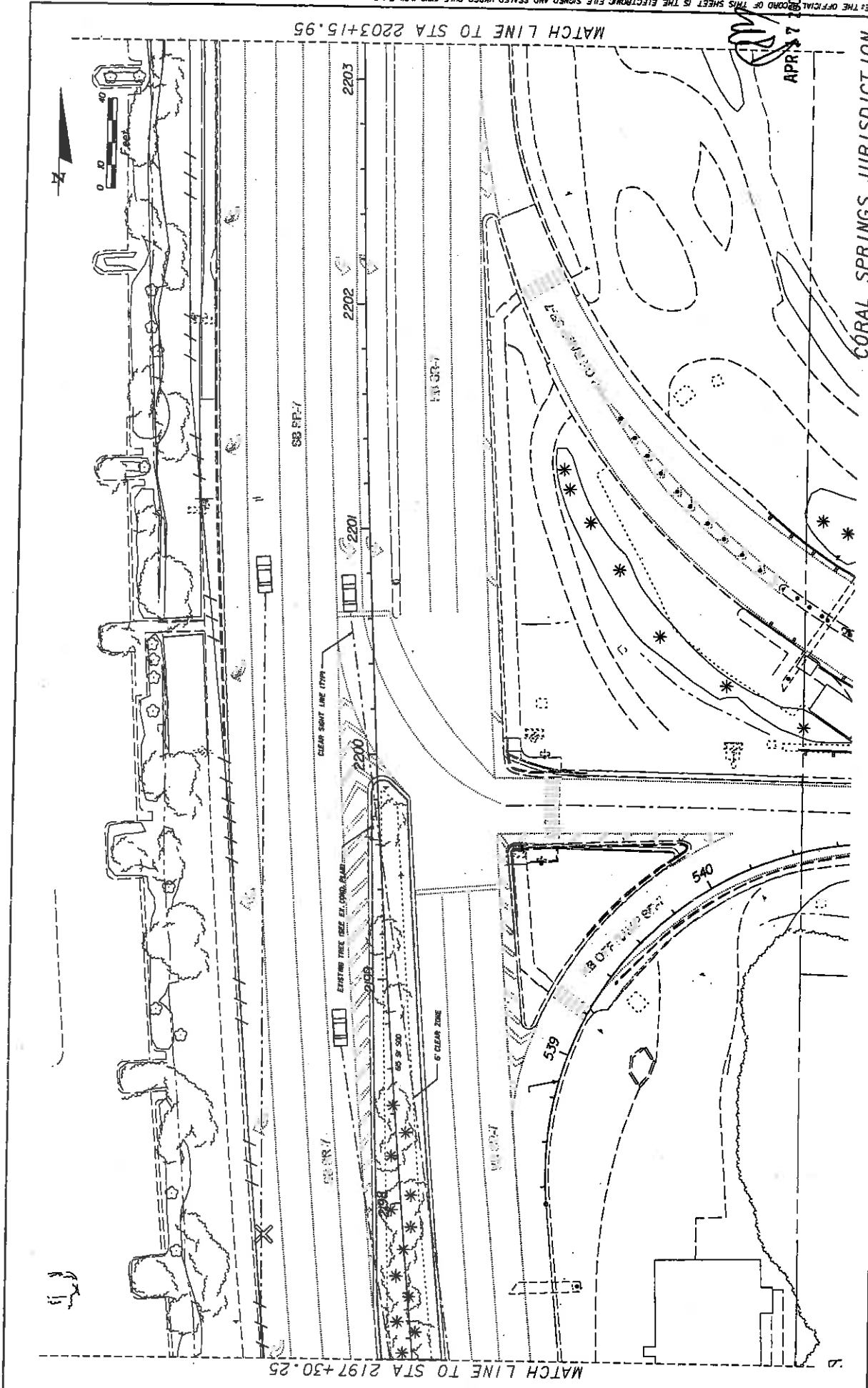
LD-40

LANDSCAPE PLAN

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 7  
COUNTY BROWARD  
FINANCIAL PROJECT ID 421662-1-52-01

LAND DESIGN SOUTH  
CERTIFICATE OF AUTHORIZATION NO. 000006  
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 7  
COUNTY BROWARD  
FINANCIAL PROJECT ID 421662-1-52-01

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



APR 17 2009

MATCH LINE TO STA 2203+15.95

MATCH LINE TO STA 2197+30.25

REVISONS		DESCRIPTION
DATE	DESCRIPTION	DATE

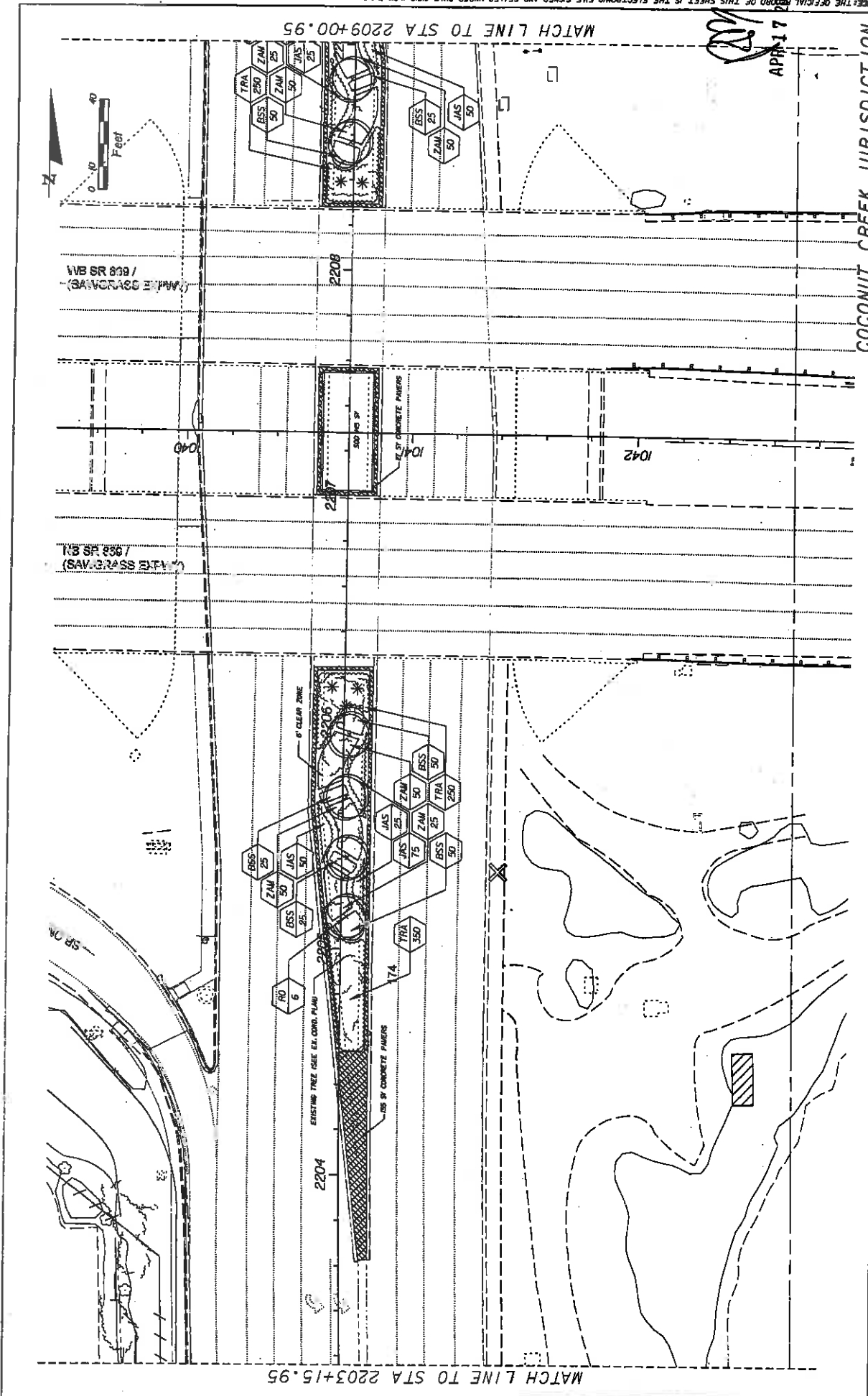
		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION COUNTY BROWARD ROAD NO. 7 FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-41
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CORAL SPRINGS JURISDICTION

LANDSCAPE PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6100-10.04, F.A.C.

APR 17 2009



COCONUT CREEK JURISDICTION

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

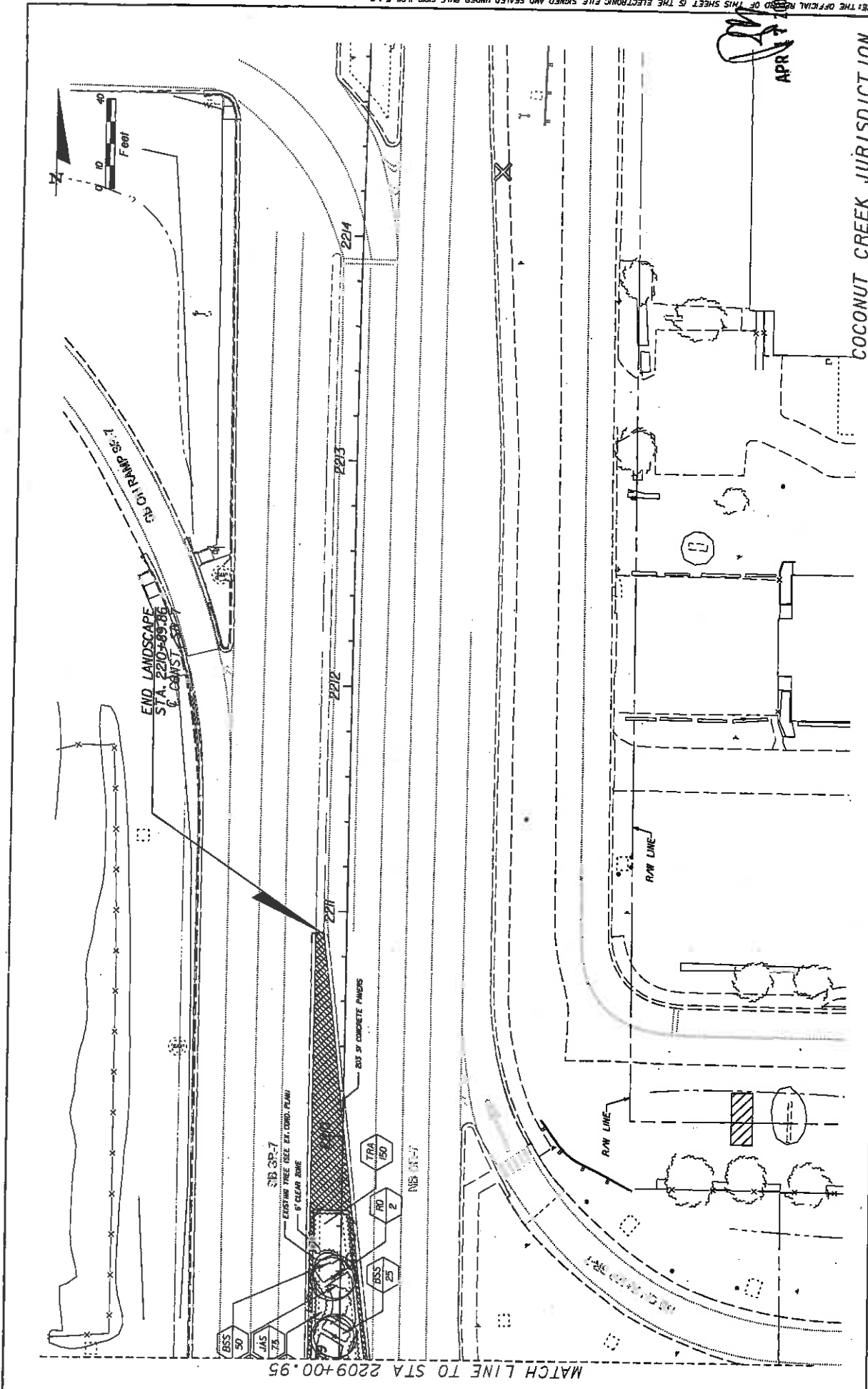
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	FINANCIAL PROJECT ID 421662-1-52-01
ROAD NO. 7	COUNTY BROWARD

LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000006	PROJECT NO. 421662-1-52-01
PROJECT NAME COCONUT CREEK JURISDICTION	DATE APR 17 2009

SHEET NO. LD-42
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APR 17 2009

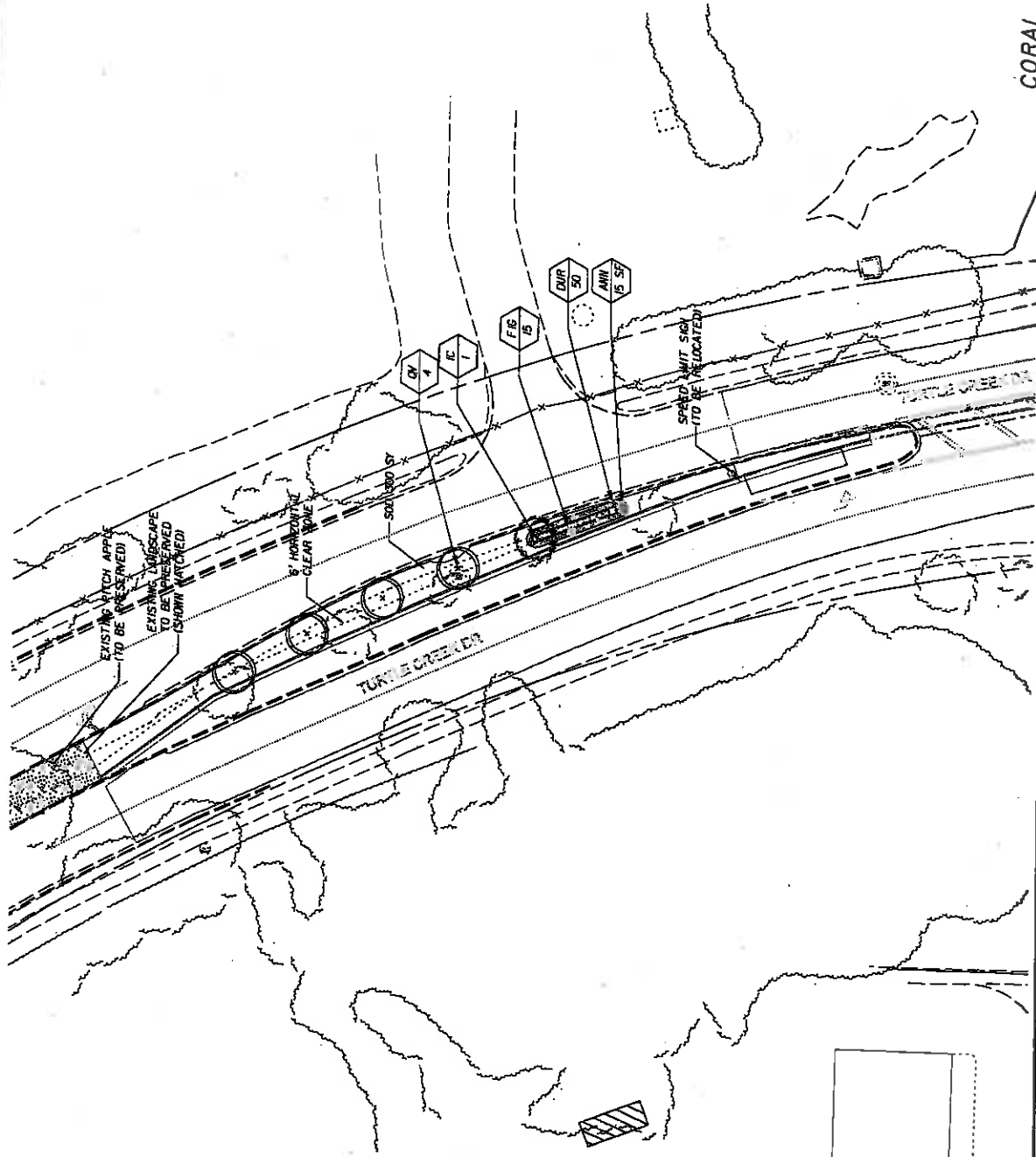
COCONUT CREEK JURISDICTION

DATE	REVISIONS	DESCRIPTION

<p><b>LAND DESIGN SOUTH</b> CERTIFICATE OF AUTHORIZATION NO. 00006</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 42662-1-52-01</p>
<p>FOR DESIGNER/OWNER USE ONLY DATE: 4/17/2009 BY: [Signature]</p>	<p>FOR CONTRACTOR/OWNER USE ONLY DATE:  </p>	<p>SHEET NO. LD-43</p>





APR 17 2009

CORAL SPRINGS JURISDICTION

SHEET NO.

LANDSCAPE PLAN

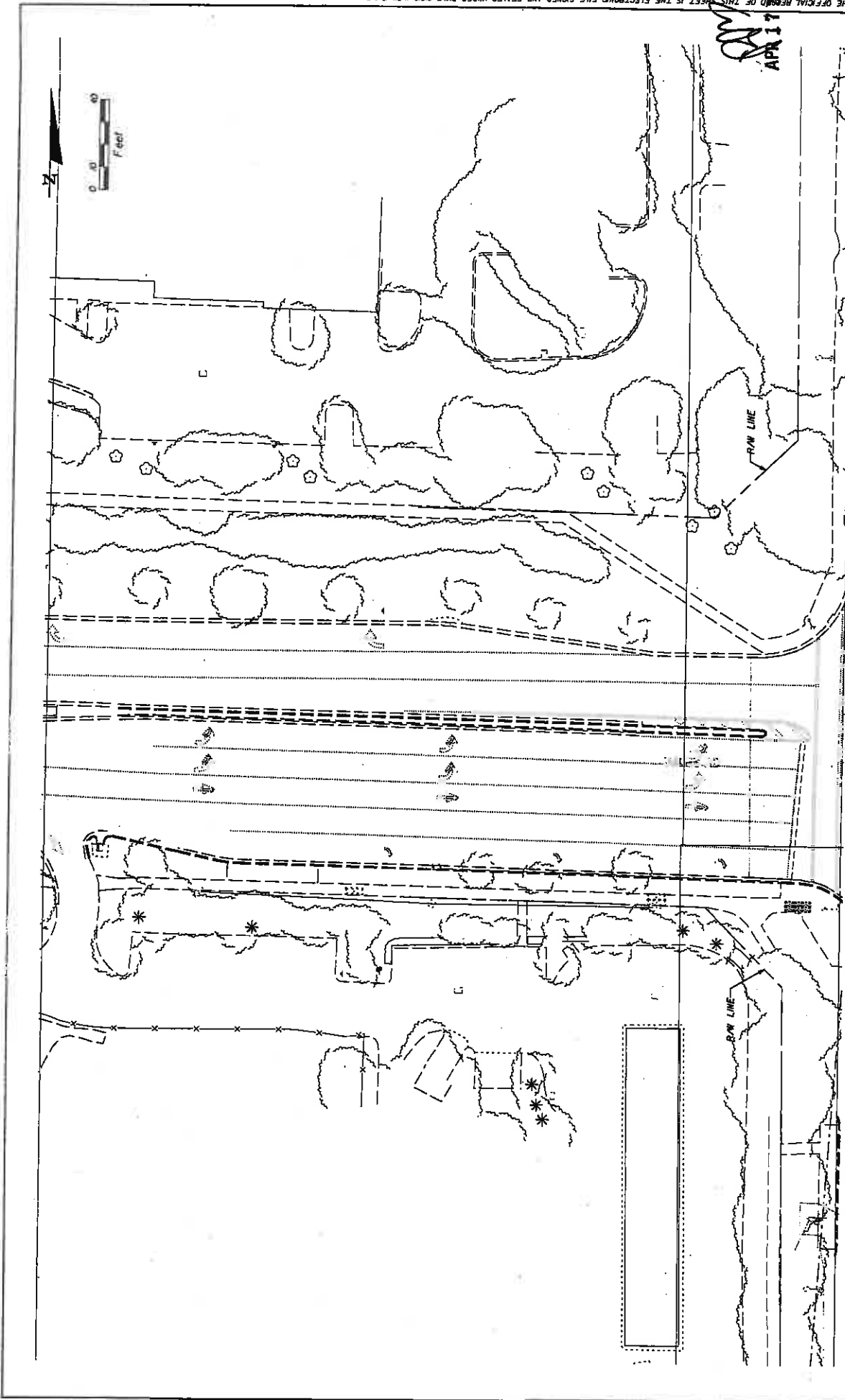
LD-44

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
ROAD NO. 7	FINANCIAL PROJECT ID 421662-1-52-01
COUNTY BROWARD	

LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO: 000005  
 DATE: 01/20/2009  
 PROJECT: 421662-1-52-01

DATE	REVISOR'S DESCRIPTION	DATE	DESCRIPTION

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 690-1.001, F.A.C.



**CORAL SPRINGS JURISDICTION**

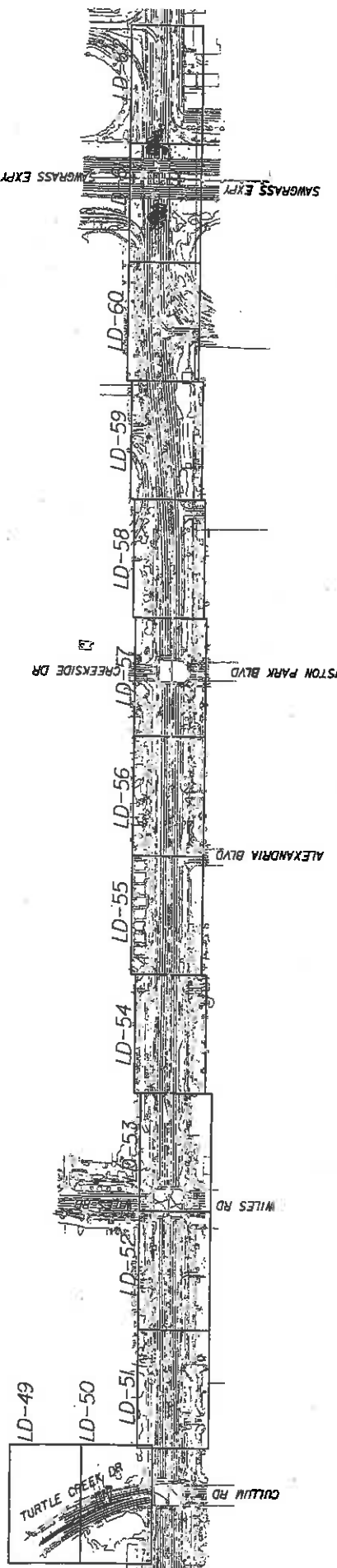
DATE	REVISIONS	DESCRIPTION

<b>LAND DESIGN SOUTH</b> CERTIFICATE OF AUTHORIZATION NO: 000205		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION COUNTY: BROWARD ROAD NO: 7 FINANCIAL PROJECT ID: 421662-1-52-01	SHEET NO. <b>LD-45</b>
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 600-10.04, F.A.C.

NOT TO SCALE



APR 7 2009

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

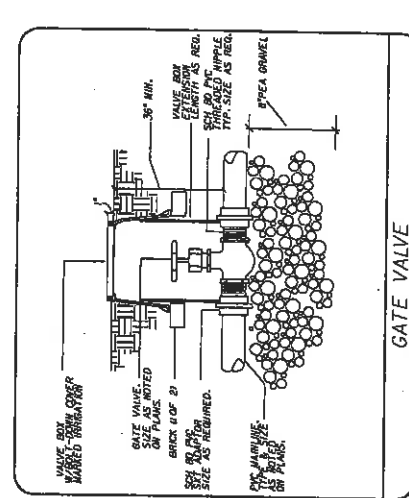
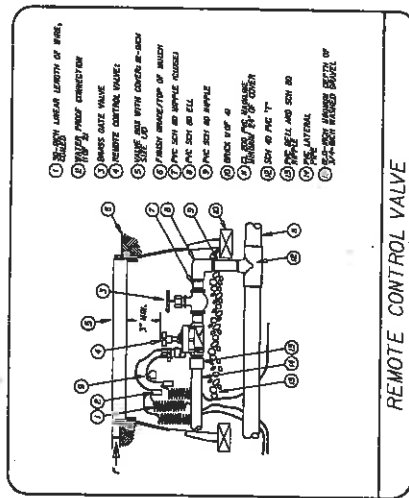
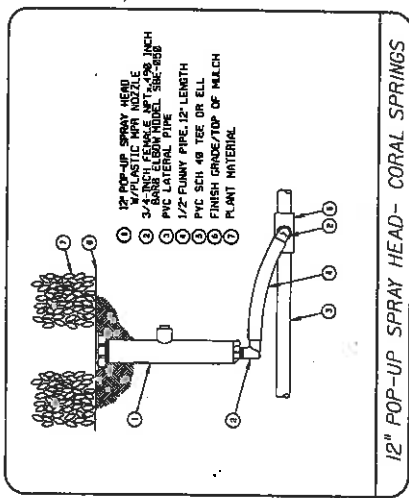
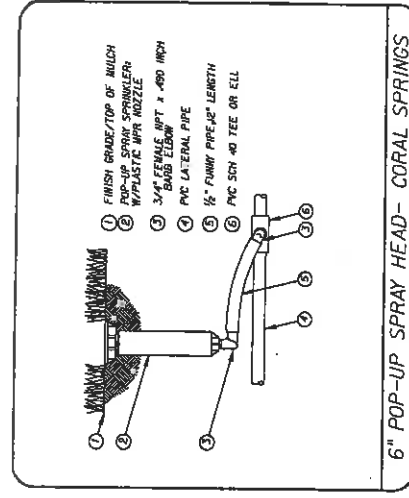
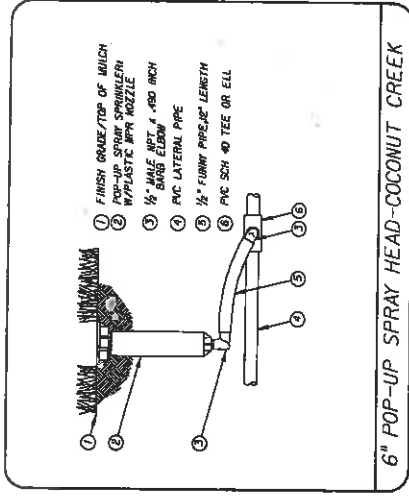
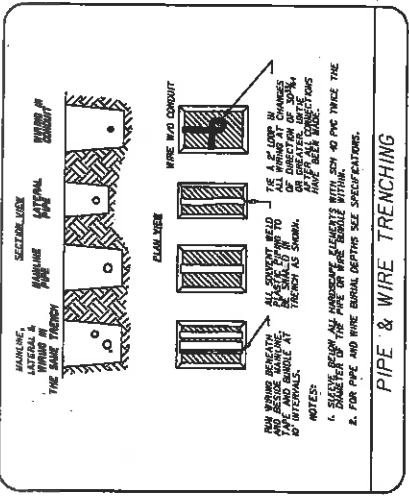
<p>LAND DESIGN SOUTH INCORPORATED 10000 WINDY HILLS BLVD SUITE 100 FORT WORTH, TEXAS 76154 TEL: 817-335-1111 WWW.LANDDESIGNOUTH.COM</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <p>ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421662-1-52-01</p>	<p>SHEET NO. LD-46</p>
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**KEY SHEET IRRIGATION KEY SHEET**

APR 7 2009  
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 PLOT AREA: 11.0000  
 PLOT SCALE: 1/8"=1'-0"



APR 7 2008



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

<p>LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000006</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>
<p>ROAD NO. 7</p>	<p>COUNTY BROWARD</p>	<p>FINANCIAL PROJECT ID 421662-1-52-01</p>

<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>	<p>PROJECT NO. 421662-1-52-01</p>
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<p>SHEET NO. LD-48</p>
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**IRRIGATION Pump Station Specifications**  
**SPR Canal Springs & Stillwater A & B**  
 Broward County, Florida  
 Tuesday, April 14, 2009

1. Manufacturer and Model  
 All pumps shall be manufactured by Irriblatch Craft (I.C.P.), Leeswater, Florida 954-771-3553, model number: E20W-2-3HPD-SPT254-MC & E20W-2-3HPD-SPT254-MC. The pump station shall be made of stainless steel. All components shall be made of 316 stainless steel. The station shall be constructed in accordance with all applicable codes and regulations. The station shall be constructed in accordance with the following specifications:  
 1.1. EROSION RESISTANT: The station shall be constructed with erosion resistant materials, such as concrete or masonry, to ensure long-term durability.  
 1.2. WEATHER PROTECTION: The station shall be protected from weather conditions, including rain, sun, and wind, to prevent corrosion and damage to components.  
 1.3. ACCESSIBILITY: The station shall be easily accessible for maintenance and repair, with adequate clearances and walkways provided.  
 1.4. SAFETY: The station shall be designed to ensure the safety of personnel during operation and maintenance, with appropriate safety features and warnings.  
 1.5. COMPLETION: The station shall be completed in accordance with the specifications and drawings provided, and shall be ready for operation upon completion.

A. Electrical and Controls  
 1. ELECTRICAL REQUIREMENTS: The pump station shall be designed to accept Single Phase 480 volt, 60 Hz power, connected in Three Phase via the Variable Frequency Drive and utilize Three Phase Separable Motors. The station shall be designed to operate at 230 volt.  
 2. ELECTRICAL ENCLOSURE: The electrical control enclosure shall be NEMA 4X, with stainless steel enclosure, and shall be mounted in the panel within the station.  
 3. ACCESS: The electrical control enclosure shall be located in an accessible location, and shall be provided with a key lock to prevent unauthorized access.  
 4. WEATHER PROTECTION: The electrical control enclosure shall be protected from weather conditions, including rain, sun, and wind, to prevent corrosion and damage to components.  
 5. SAFETY: The electrical control enclosure shall be designed to ensure the safety of personnel during operation and maintenance, with appropriate safety features and warnings.  
 6. COMPLETION: The electrical control enclosure shall be completed in accordance with the specifications and drawings provided, and shall be ready for operation upon completion.

B. Automation and Controls  
 1. AUTOMATIC OPERATION: The pump station shall be designed for automatic operation, with the ability to start and stop pumps based on water level and flow rate.  
 2. CONTROL SYSTEM: The pump station shall be equipped with a programmable logic controller (PLC) and associated control equipment, including sensors, relays, and actuators.  
 3. SENSORS: The pump station shall be equipped with water level sensors, flow rate sensors, and pressure sensors to monitor station performance.  
 4. CONTROLS: The pump station shall be equipped with a control panel, including start/stop buttons, indicator lights, and a digital display for station status.  
 5. SAFETY: The control system shall be designed to ensure the safety of personnel during operation and maintenance, with appropriate safety features and warnings.  
 6. COMPLETION: The automation and control system shall be completed in accordance with the specifications and drawings provided, and shall be ready for operation upon completion.

C. Pump and Motor  
 1. PUMP SPECIFICATIONS: The pumps shall be 3 HP, 230 volt, 60 Hz, single phase pumps, with a maximum flow rate of 2.5 gpm.  
 2. MOTOR SPECIFICATIONS: The motors shall be 3 HP, 230 volt, 60 Hz, single phase motors, with a maximum torque of 10 lb-ft.  
 3. MATERIALS: The pumps and motors shall be constructed from stainless steel to ensure resistance to corrosion and wear.  
 4. SAFETY: The pumps and motors shall be designed to ensure the safety of personnel during operation and maintenance, with appropriate safety features and warnings.  
 5. COMPLETION: The pumps and motors shall be completed in accordance with the specifications and drawings provided, and shall be ready for operation upon completion.

D. Station Structure and Enclosure  
 1. STATION STRUCTURE: The station shall be constructed of stainless steel, with a minimum thickness of 1/2 inch.  
 2. ENCLOSURE: The station shall be enclosed in a weather-resistant enclosure, with a minimum height of 6 feet and a maximum width of 4 feet.  
 3. WEATHER PROTECTION: The station shall be protected from weather conditions, including rain, sun, and wind, to prevent corrosion and damage to components.  
 4. SAFETY: The station shall be designed to ensure the safety of personnel during operation and maintenance, with appropriate safety features and warnings.  
 5. COMPLETION: The station structure and enclosure shall be completed in accordance with the specifications and drawings provided, and shall be ready for operation upon completion.

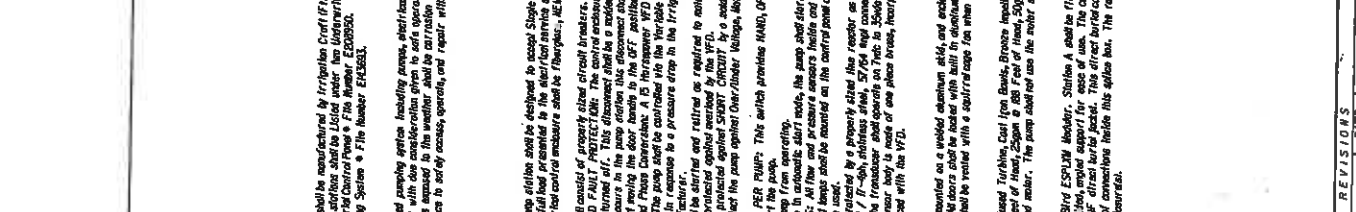
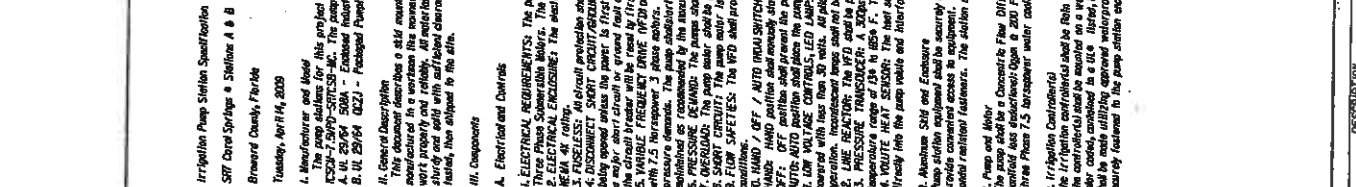
E. Operation and Maintenance  
 1. OPERATION: The pump station shall be operated in accordance with the manufacturer's instructions and the specifications provided.  
 2. MAINTENANCE: The pump station shall be maintained in accordance with the manufacturer's instructions and the specifications provided.  
 3. SAFETY: Personnel shall always wear appropriate safety gear and follow safety procedures during operation and maintenance.  
 4. RECORDS: The station operator shall maintain accurate records of station performance, including flow rates, water levels, and any equipment failures or repairs.  
 5. COMPLETION: The station shall be ready for operation upon completion, and the operator shall receive training on station operation and maintenance.

F. Inspection and Testing  
 1. INSPECTION: The pump station shall be inspected by the client and the manufacturer at various stages of construction, including foundation, structure, and final completion.  
 2. TESTING: The pump station shall be tested to ensure proper operation and performance, including flow rate testing, water level testing, and pressure testing.  
 3. DOCUMENTATION: The manufacturer shall provide detailed documentation of station performance, including test results and operating procedures.  
 4. COMPLETION: The pump station shall be ready for operation upon completion, and the manufacturer shall provide training on station operation and maintenance.

G. Approval and Warranty  
 1. APPROVAL: The pump station shall be approved by the client and the manufacturer upon completion.  
 2. WARRANTY: The manufacturer shall provide a warranty for the pump station, covering materials and workmanship for a period of one year.  
 3. SUPPORT: The manufacturer shall provide ongoing support and training for the station operator.  
 4. COMPLETION: The pump station shall be ready for operation upon completion, and the manufacturer shall provide training on station operation and maintenance.

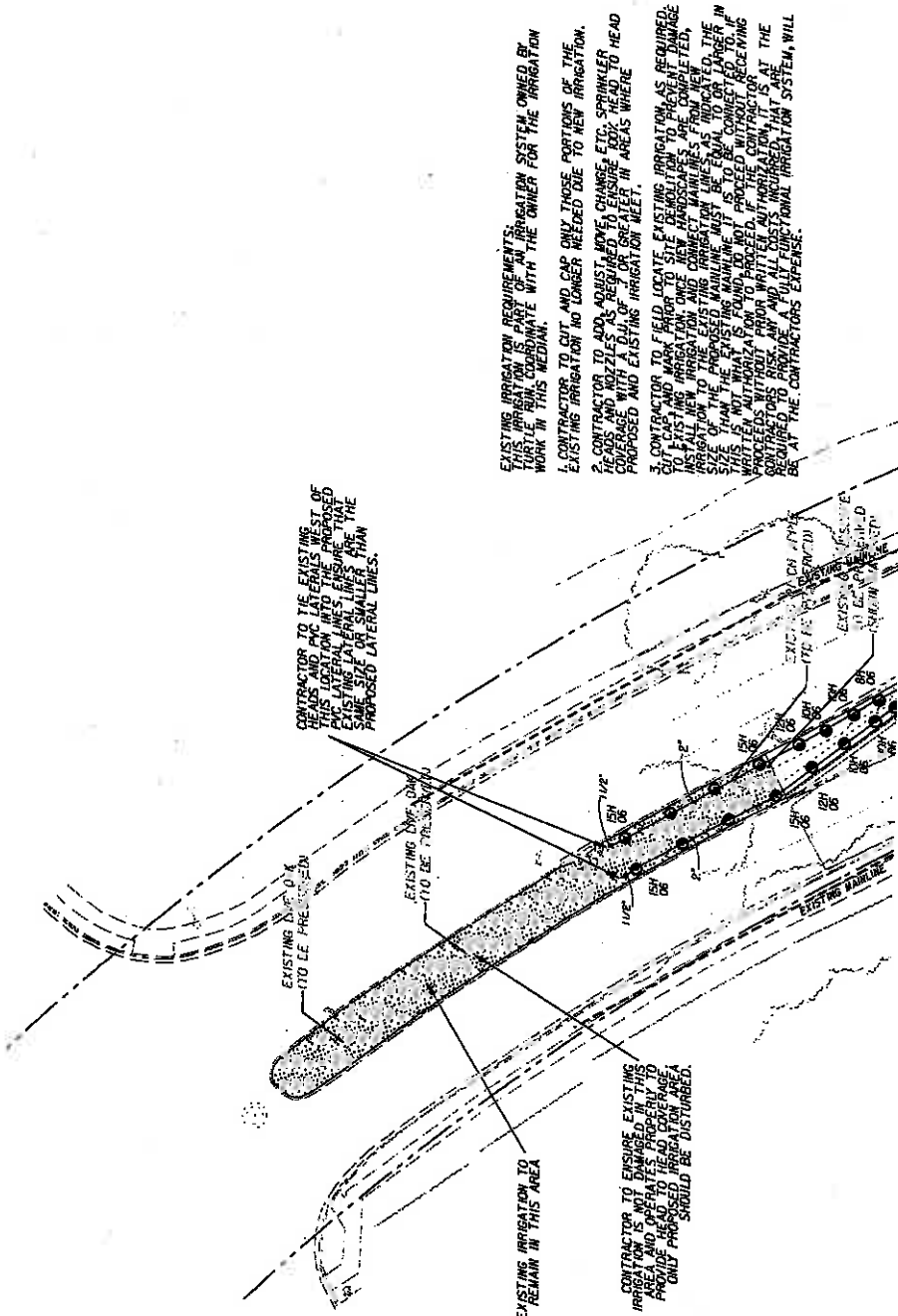
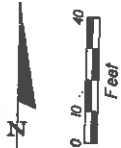
**Revision History**

NO.	DATE	DESCRIPTION
1	4/14/09	Issue for Bidding
2	4/21/09	Issue for Construction



- E. Onload Flow Meter  
The onload flow meter shall be a 5-in. Metric model T1008 Irrigation Turbine mounted by Soderstrom model T7480 Flow Computer. The meter shall slightly indicate flow rate, not flow rate LCD (Liquid crystal display) and shall provide flow information to the pump contractor.
- F. Pipe Materials  
All pipe materials shall be constructed of Schedule 40 hot dip galvanized steel, with all grooved and mechanical fittings. Mechanical joints shall be rigid and include EDWY gaskets specifically designed for vacuum service. The station foundation shall be a minimum diameter 18-inch.
- G. Pressure Tank  
KCF Approved, ASME 30.98, Cohn Vent, 50-gal Rating, Capacity Air, Type, 1/2-Quart Capacity, Vinyl Liner.
- H. Delivery, Overhaul and Installation  
The station manufacturer shall deliver the pump station to the project site in a pre-assembled condition. The manufacturer shall supply the necessary pump/motor and shall be responsible for all costs of materials, labor, and travel to the project site. The manufacturer shall be responsible for the station's operation and maintenance. The manufacturer shall be responsible for the station's performance and shall provide a warranty for the station. The manufacturer shall be responsible for the station's safety and shall provide training for the station operator. The manufacturer shall be responsible for the station's completion and shall provide documentation of the station's performance and operation.
- I. Start-Up, Site Training, and Operation  
Irrigation Craft shall return to the project site for a period of 14 days for start-up and site training. The manufacturer shall provide a minimum of 14 days of start-up and site training. The manufacturer shall provide a minimum of 14 days of start-up and site training. The manufacturer shall provide a minimum of 14 days of start-up and site training. The manufacturer shall provide a minimum of 14 days of start-up and site training.
- J. Warranty  
Irrigation Craft warrants its products to be free of defects for a period of 12 months from the date of installation. The manufacturer shall be responsible for the station's performance and shall provide a warranty for the station. The manufacturer shall be responsible for the station's safety and shall provide training for the station operator. The manufacturer shall be responsible for the station's completion and shall provide documentation of the station's performance and operation.

APR 17 2009



EXISTING IRRIGATION REQUIREMENTS. THIS IRRIGATION PLAN SHOWS THE IRRIGATION SYSTEM OWNED BY TURTLE RUN, COORDINATE WITH THE OWNER FOR THE IRRIGATION WORK IN THIS MEDIUM.

1. CONTRACTOR TO CUT AND CAP ONLY THOSE PORTIONS OF THE IRRIGATION SYSTEM NO LONGER NEEDED DUE TO NEW IRRIGATION. HEADS AND NOZZLES AS REQUIRED TO ENSURE EACH HEAD OF HEAD COVERAGE WITH A DIA. OF 1/2" OR GREATER IN AREAS WHERE PROPOSED AND EXISTING IRRIGATION MEET.

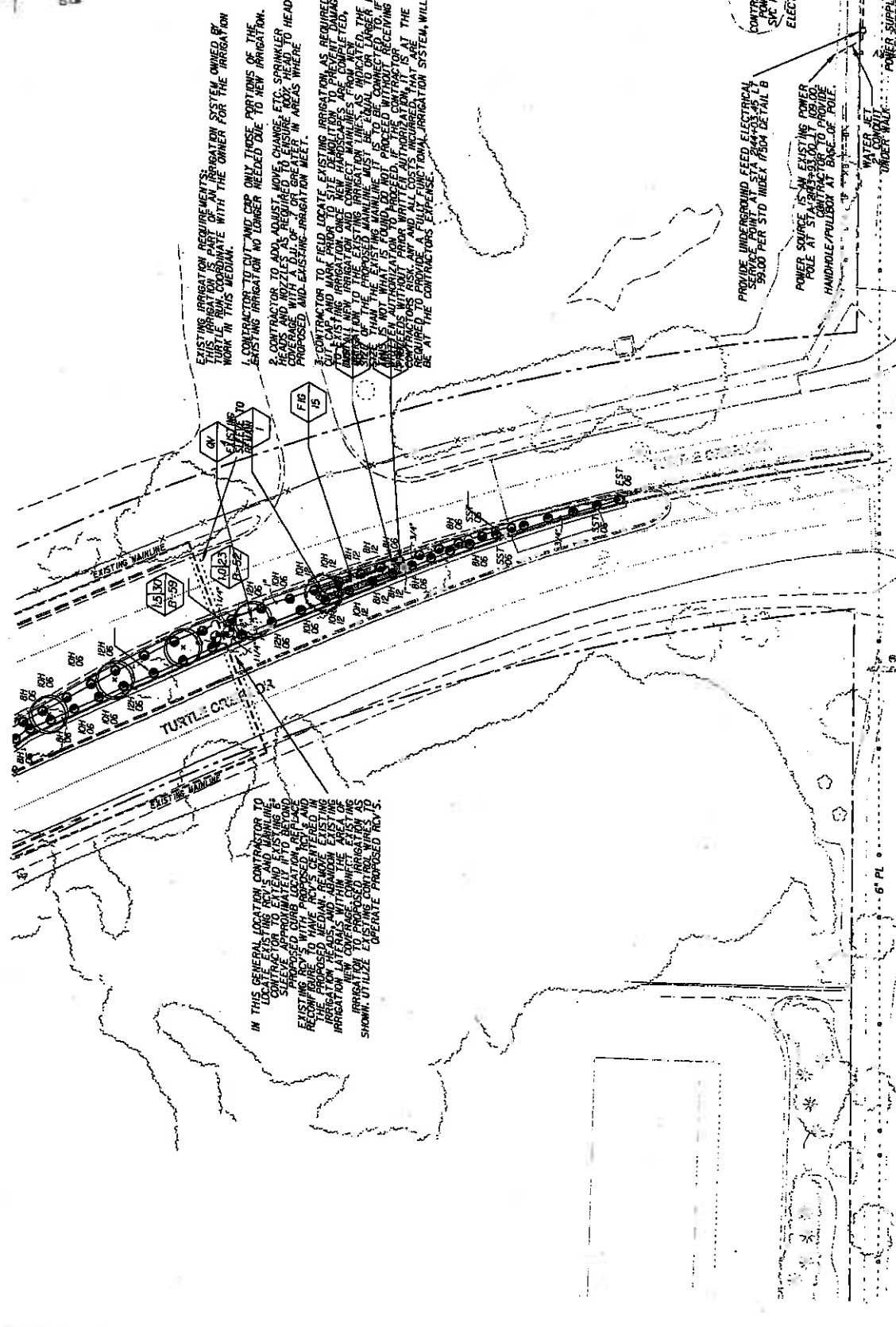
2. CONTRACTOR TO FIELD LOCATE EXISTING IRRIGATION AS REQUIRED. TO LOCATE AND MARK PAVOR TO SITE DEMOLITION TO PREVENT DAMAGE TO ALL NEW IRRIGATION AND EXISTING LATERAL LINES. PREPARED IRRIGATION TO THE EXISTING IRRIGATION LINES AS INDICATED. THE SIZE OF THE EXISTING MAINLINE MUST BE EQUAL TO OR LARGER IN SIZE THAN THE EXISTING MAINLINE. THIS IS NOT WHAT IS FOUND, BUT WHAT IS REQUIRED. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND AUTHORIZATION TO PROCEED. IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE IRRIGATION SYSTEM, IT IS AT THE CONTRACTOR'S RISK AND ALL COSTS OF INVESTIGATION WILL BE AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR TO ENSURE EXISTING IRRIGATION IS NOT DAMAGED IN THIS AREA. CONTRACTOR TO LOCATE AND MARK ALL EXISTING IRRIGATION LINES AND ONLY PROPOSED IRRIGATION AREA SHOULD BE DISTURBED.

EXISTING IRRIGATION TO REMAIN IN THIS AREA

CORAL SPRINGS JURISDICTION

DATE		DESCRIPTION	REVISIONS	DATE	DESCRIPTION	<p>CERTIFICATE OF AUTHORIZATION NO. 002000</p>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD FINANCIAL PROJECT ID 421652-1-52-01	SHEET NO. LD-50
DATE		DESCRIPTION	REVISIONS	DATE	DESCRIPTION		4/17/2009 1285AD.PW 4/17/2009	
DATE		DESCRIPTION	REVISIONS	DATE	DESCRIPTION		4/17/2009 1285AD.PW 4/17/2009	



EXISTING IRRIGATION REQUIREMENTS SHALL BE MAINTAINED FOR THE IRRIGATION SYSTEM OWNED BY TURTLE CATCH. COORDINATE WITH THE OWNER FOR THE IRRIGATION WORK IN THIS MEDIUM.

- CONTRACTOR TO CIVIL AND CEP ONLY THOSE PORTIONS OF THE EXISTING IRRIGATION NO LONGER NEEDED DUE TO NEW IRRIGATION.
- CONTRACTOR TO ADD, ADJUST, MOVE, CHANGE ETC. SPRINKLER HEADS AND NOZZLES AS REQUIRED TO ENSURE PROPER IRRIGATION COVERAGE WITH A D.U. OF 3' OR GREATER IN AREAS WHERE PROPOSED MID-CLASSING IRRIGATION MEET.
- CONTRACTOR TO FIELD LOCATE EXISTING IRRIGATION AS REQUIRED. LOCATE AND MARK PRIOR TO SITE DEMOLITION TO PREVENT DAMAGE TO EXISTING IRRIGATION AND CONNECT MAINLINE AS COMPLETED. CONTRACTOR TO THE EXISTING IRRIGATION LINE AS INDICATED, THE SIZE OF THE EXISTING MAINLINE MUST BE EQUAL TO OR LARGER IN DIAMETER THAN THE EXISTING MAINLINE. CONTRACTOR TO PROCEED WITH THE IRRIGATION WORK WITHOUT RECEIVING CONTRACTOR'S AUTHORITY TO PROCEED. IF THIS CONTRACTOR'S CONTRACTORS RISK, AND ALL COSTS INCURRED, THAT IS REQUIRED TO PROVIDE A FULL FUNCTIONAL IRRIGATION SYSTEM, WILL BE AT THE CONTRACTORS EXPENSE.

IN THIS GENERAL LOCATION CONTRACTOR TO LOCATE EXISTING VALVES AND MAINLINE SLEEVES APPROXIMATELY 4' TO 6" BELOW PROPOSED CURB LOCATION. REMOVE EXISTING VALVES TO HAVE PROPOSED IRRIGATION HEADS AND ABANDON EXISTING IRRIGATION HEADS. CONTRACTOR TO SHOW IRRIGATION TO PROPOSED IRRIGATION AS SHOWN. UTILIZE EXISTING MAINLINE TO

CONTRACTOR TO PULL POWER FROM EXISTING ELECTRICAL CONDUIT AS INDICATED.

PROVIDE UNDERGROUND FEED ELECTRICAL SERVICE POINT AT STA 84+43.45 BY 35.00 PER STD INDEX FROM DETAIL B.

POWER SOURCE IS AN EXISTING POWER POLE AT STA 84+43.45. CONTRACTOR TO DRILL HOLE/PULLBOX AT BASE OF POLE.

WATER JET UNDER WALK ELECTRICAL CONDUIT

APR 17 2009

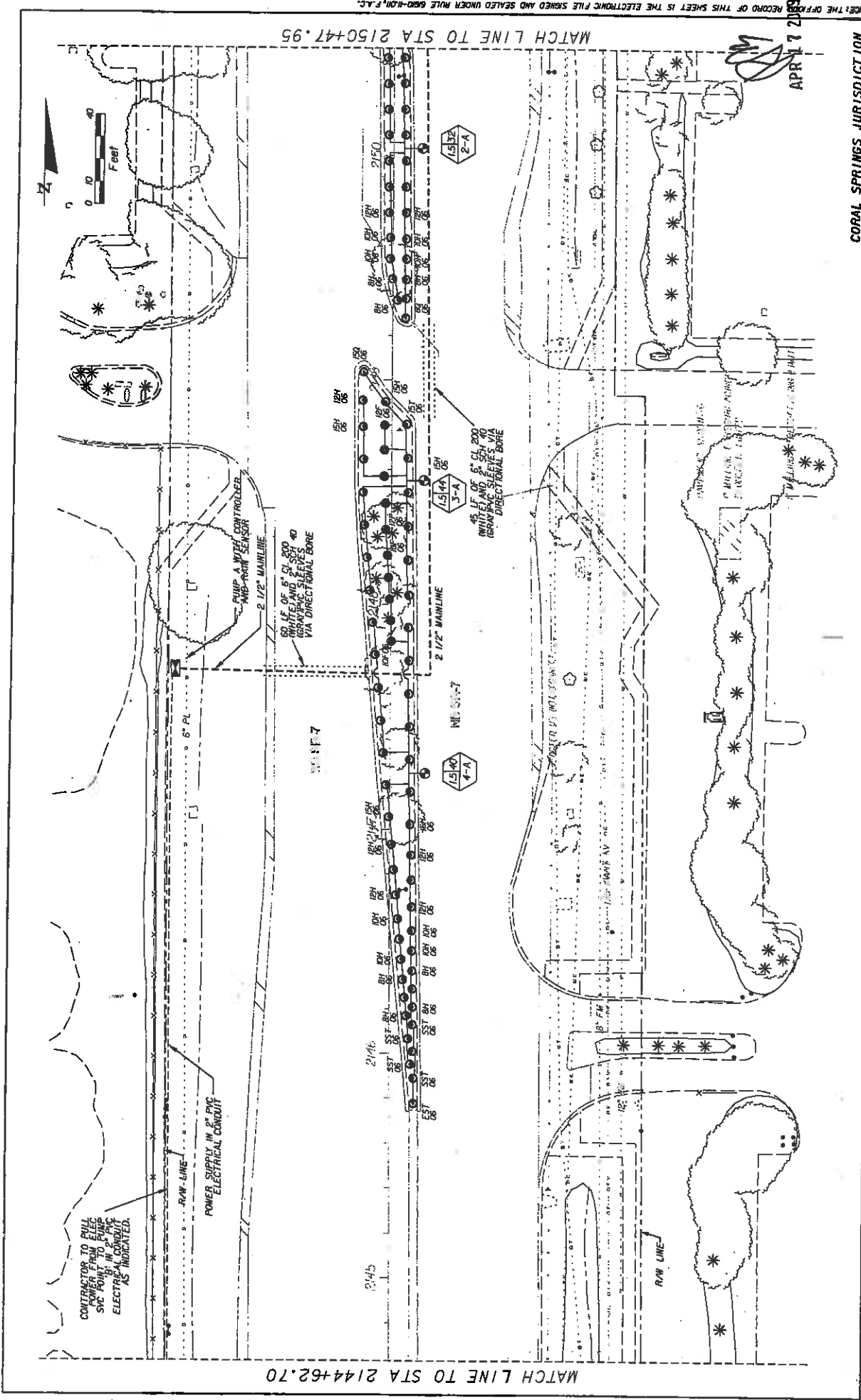
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REVISONS		DESCRIPTION	DATE
DATE	DESCRIPTION		

STATES OF FLORIDA		CORAL SPRINGS JURISDICTION	
DEPARTMENT OF TRANSPORTATION		IRRIGATION PLAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
7	BROWARD	421662-1-52-01	LD-51
 LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO: 028283		4/17/2009 10:51 AM 6/17/2009 10:51 AM 6/17/2009 10:51 AM	





MATCH LINE TO STA 2144+62.70

MATCH LINE TO STA 2150+47.95

APR 17 2008

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CORAL SPRINGS JURISDICTION

SHEET NO. LD-52

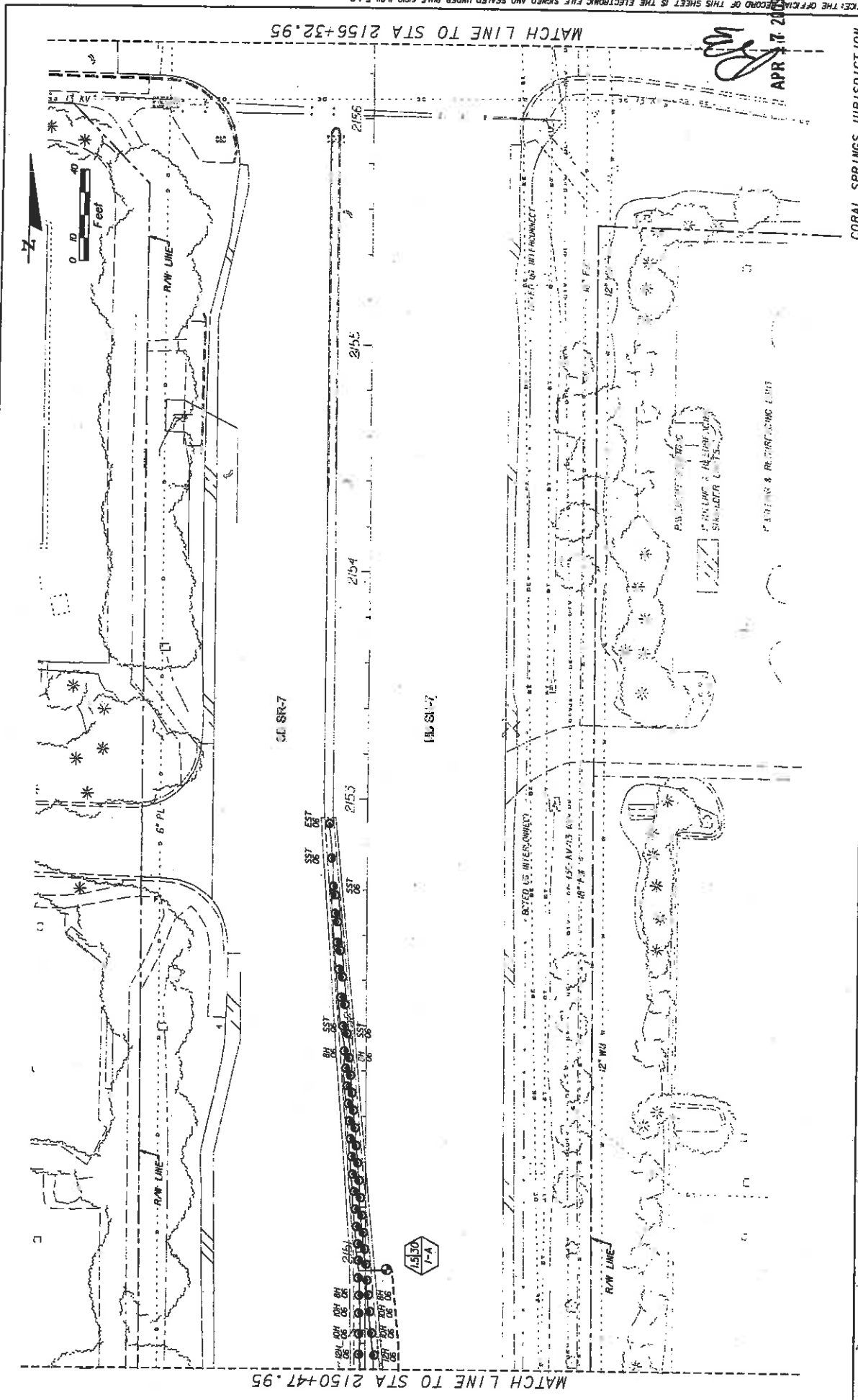
IRRIGATION PLAN

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		COUNTY BROWARD	FINANCIAL PROJECT ID 421662-1-52-01

DATE	REVISIONS	DESCRIPTION

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APR 17 2010  
*[Signature]*

CORAL SPRINGS JURISDICTION

SHEET NO. LD-53

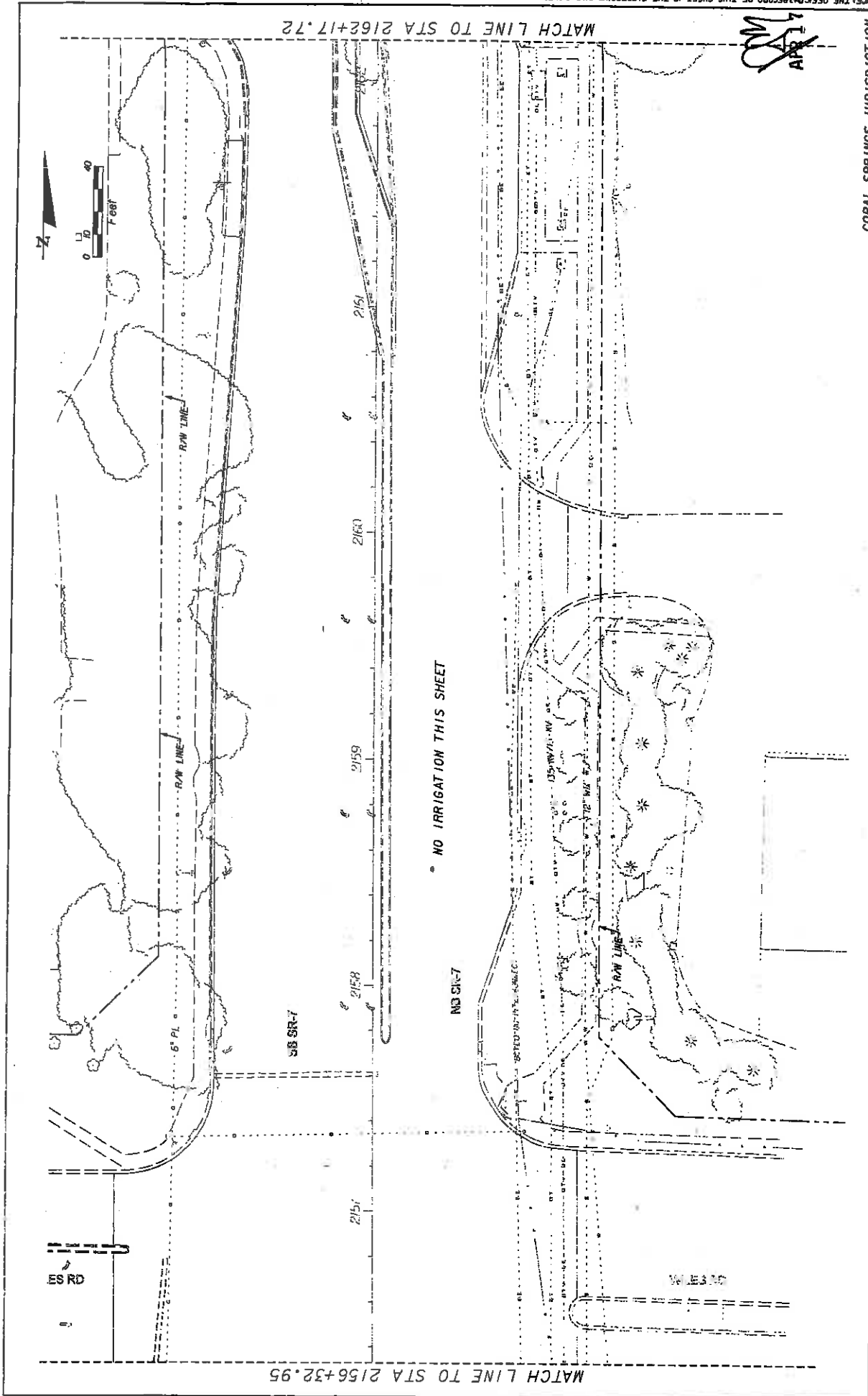
**IRRIGATION PLAN**

STATES OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 7  
 COUNTY BROWARD  
 FINANCIAL PROJECT ID 42662-1-52-01

LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO. 000206  
 REGISTERED LANDSCAPE ARCHITECT  
 300 WEST PALM BEACH  
 WEST PALM BEACH, FL 33411

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

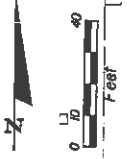
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MATCH LINE TO STA 2156+32.95

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APR 17 2009

CORAL SPRINGS JURISDICTION

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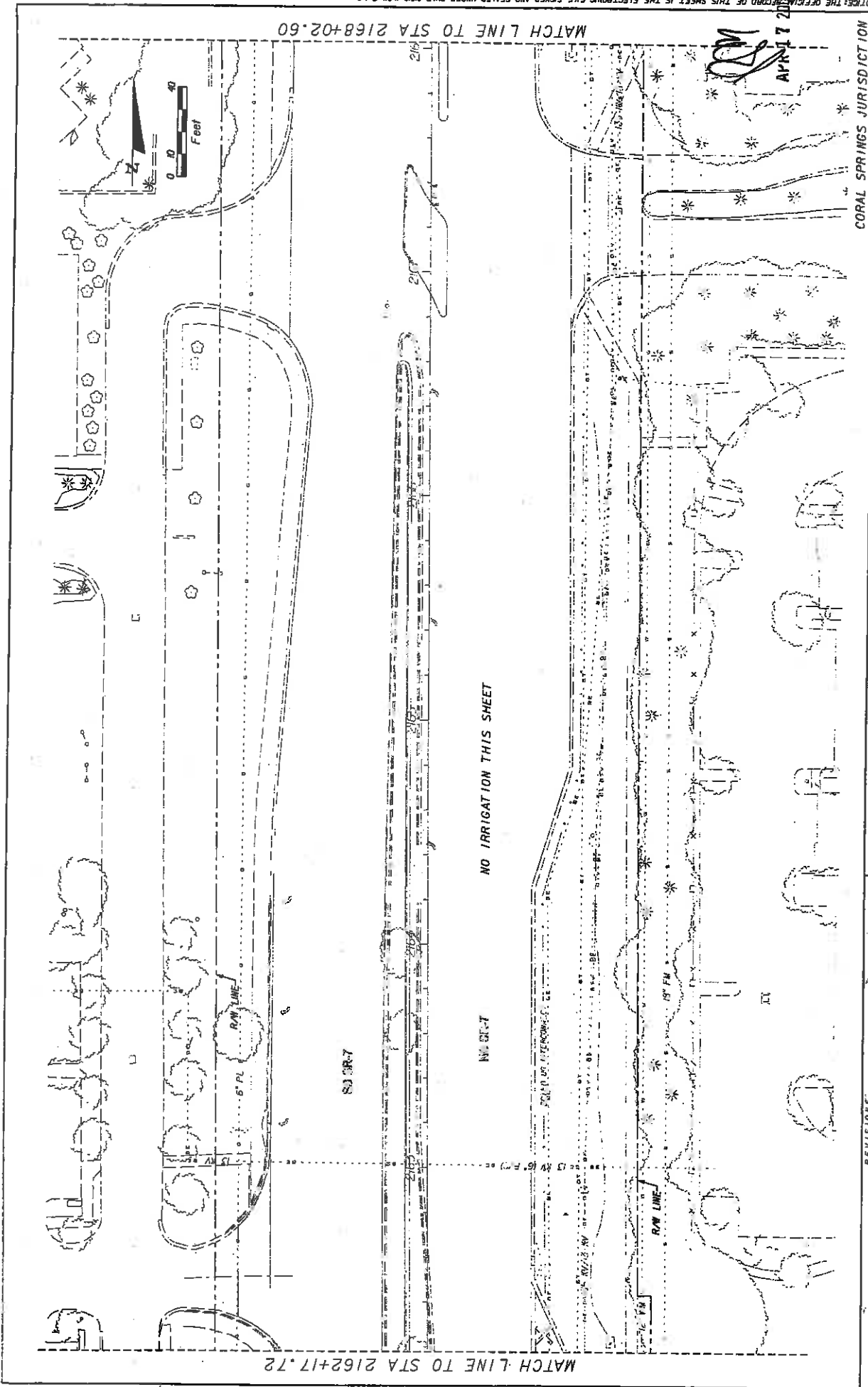
IRRIGATION PLAN

STATES OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO. 7	FINANCIAL PROJECT ID 421662-1-52-01
COUNTY BROWARD	

LAND DESIGN SOUTH  
 CERTIFICATE OF AUTHORIZATION NO: 000206  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 BROWARD COUNTY

DATE	REVISIONS	DESCRIPTION

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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID 421662-1-52-01
ROAD NO. 7	COUNTY BROWARD	PROJECT NO. 421662-1-52-01

LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 000206	511 CENTENNIAL WEST BL. WEST PALM BEACH, FLORIDA 33411
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CORAL SPRINGS JURISDICTION	SHEET NO. LD-55
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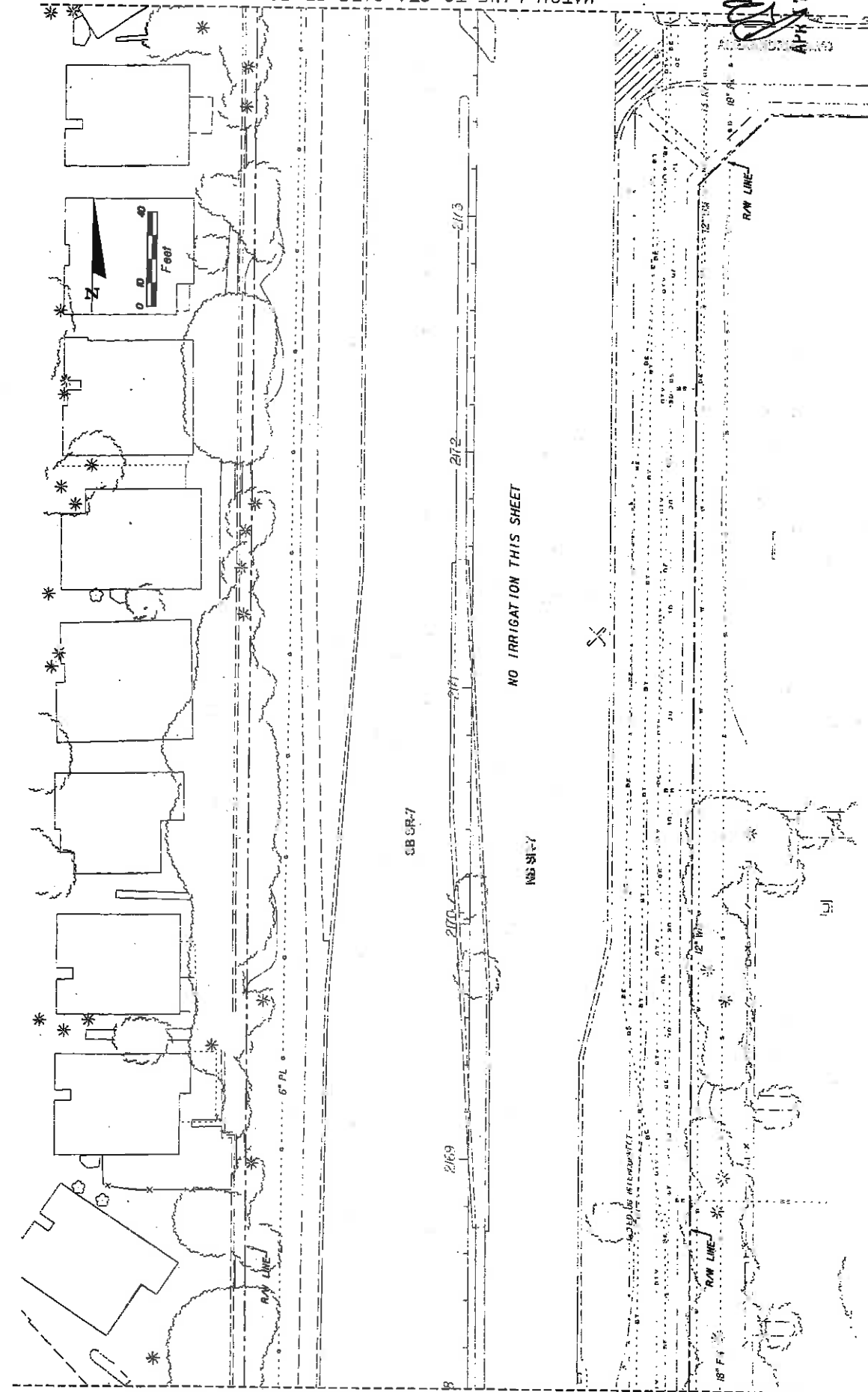
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MATCH LINE TO STA 2173+87.32

APR 17 2009

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CORAL SPRINGS JURISDICTION

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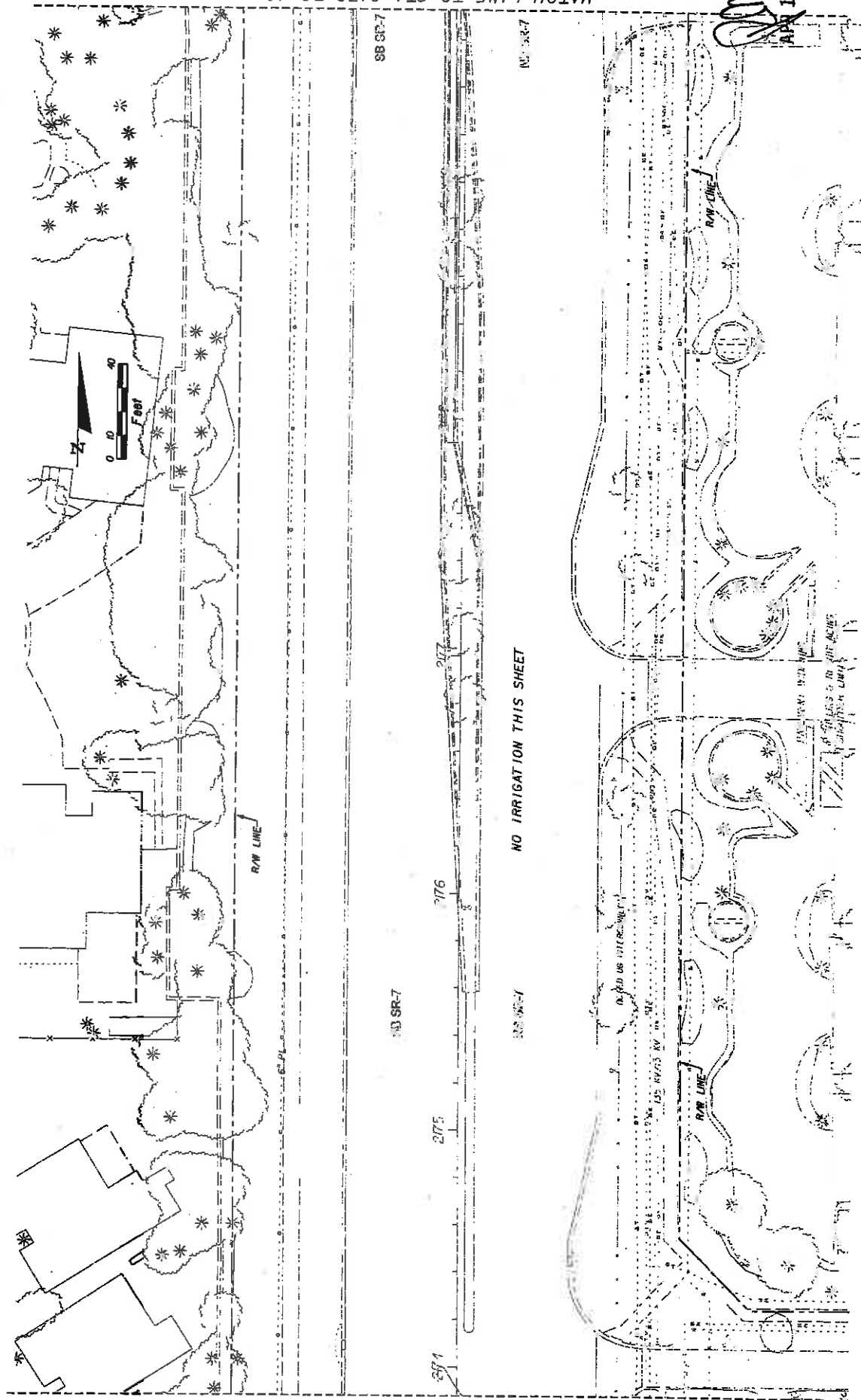
  

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DATE PLOTTED: 4/17/09  
 PLOTTER: HP DesignJet 2400

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APR 17 2009



MATCH LINE TO STA 2173+87.32

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SB SR-7

NO. 582-7

NO IRRIGATION THIS SHEET

CORAL SPRINGS JURISDICTION

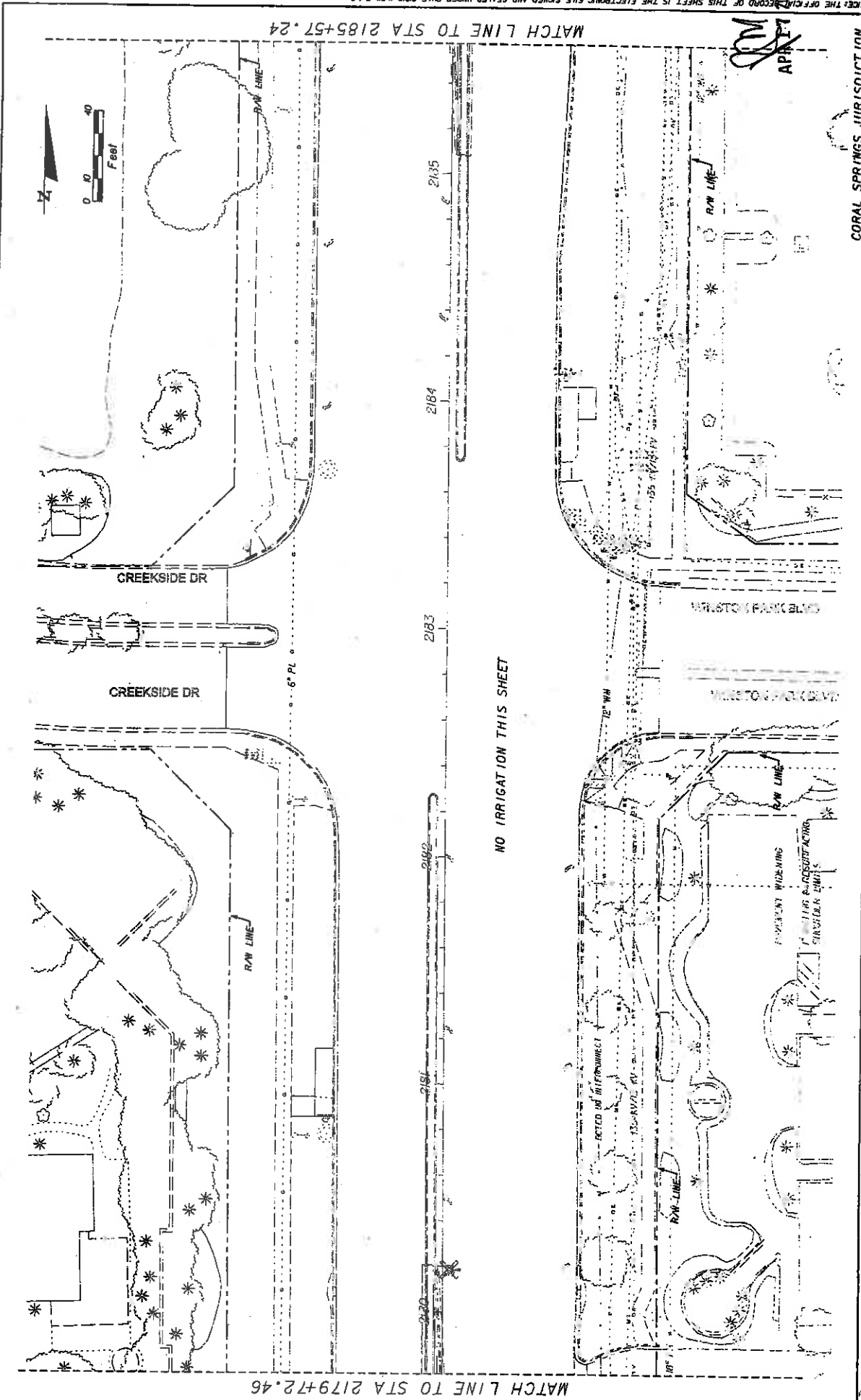
DATE	REVISIONS	DESCRIPTION

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THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 7 COUNTY BROWARD		FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-57

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APR 17 2009

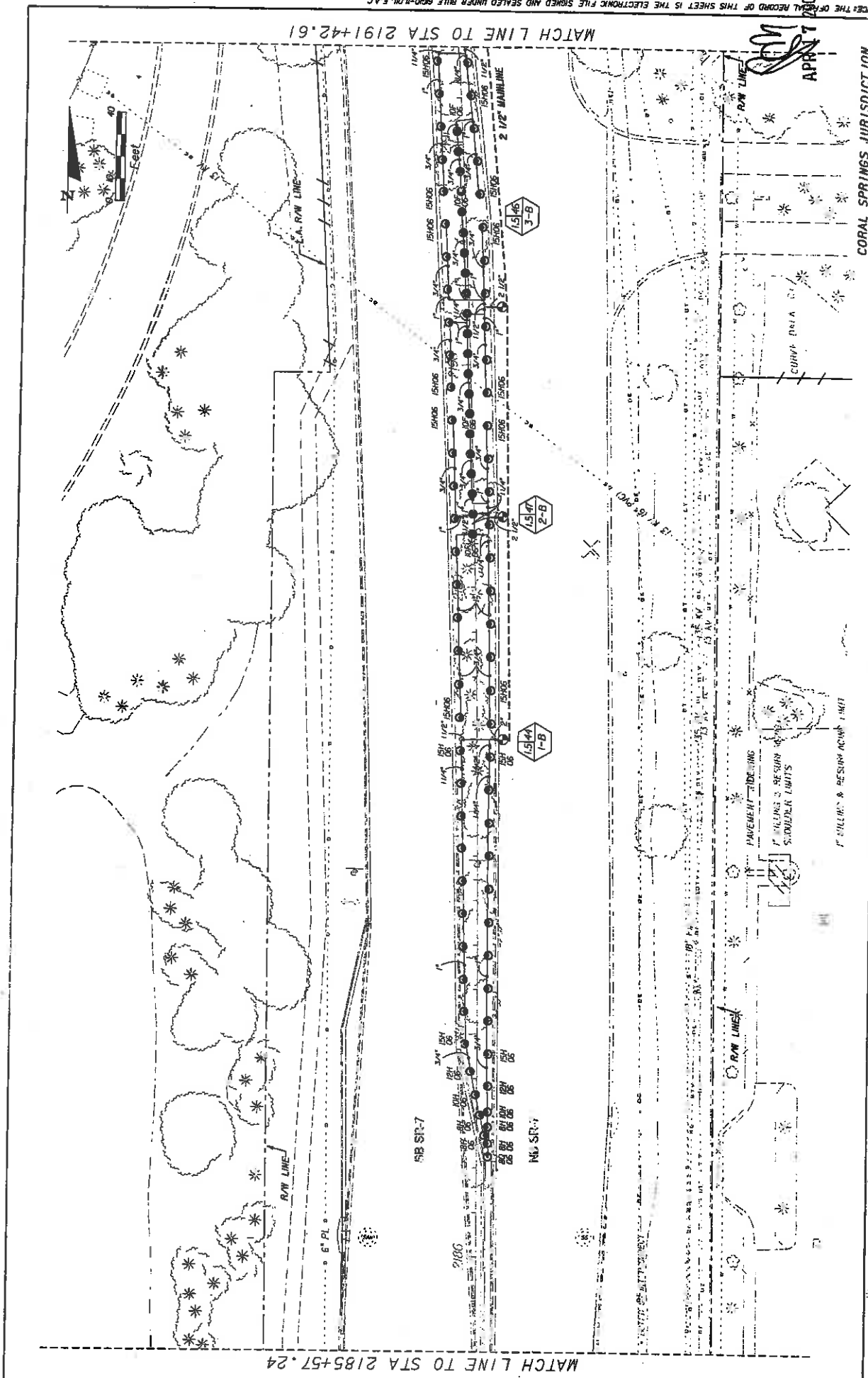


DATE	DESCRIPTION	REVISOR	DATE	DESCRIPTION

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		CORAL SPRINGS JURISDICTION			
IRRIGATION PLAN				SHEET NO. LD-58	DATE 4/17/2009

APR 17 2009



CORAL SPRINGS JURISDICTION

SHEET NO. LD-59

IRRIGATION PLAN

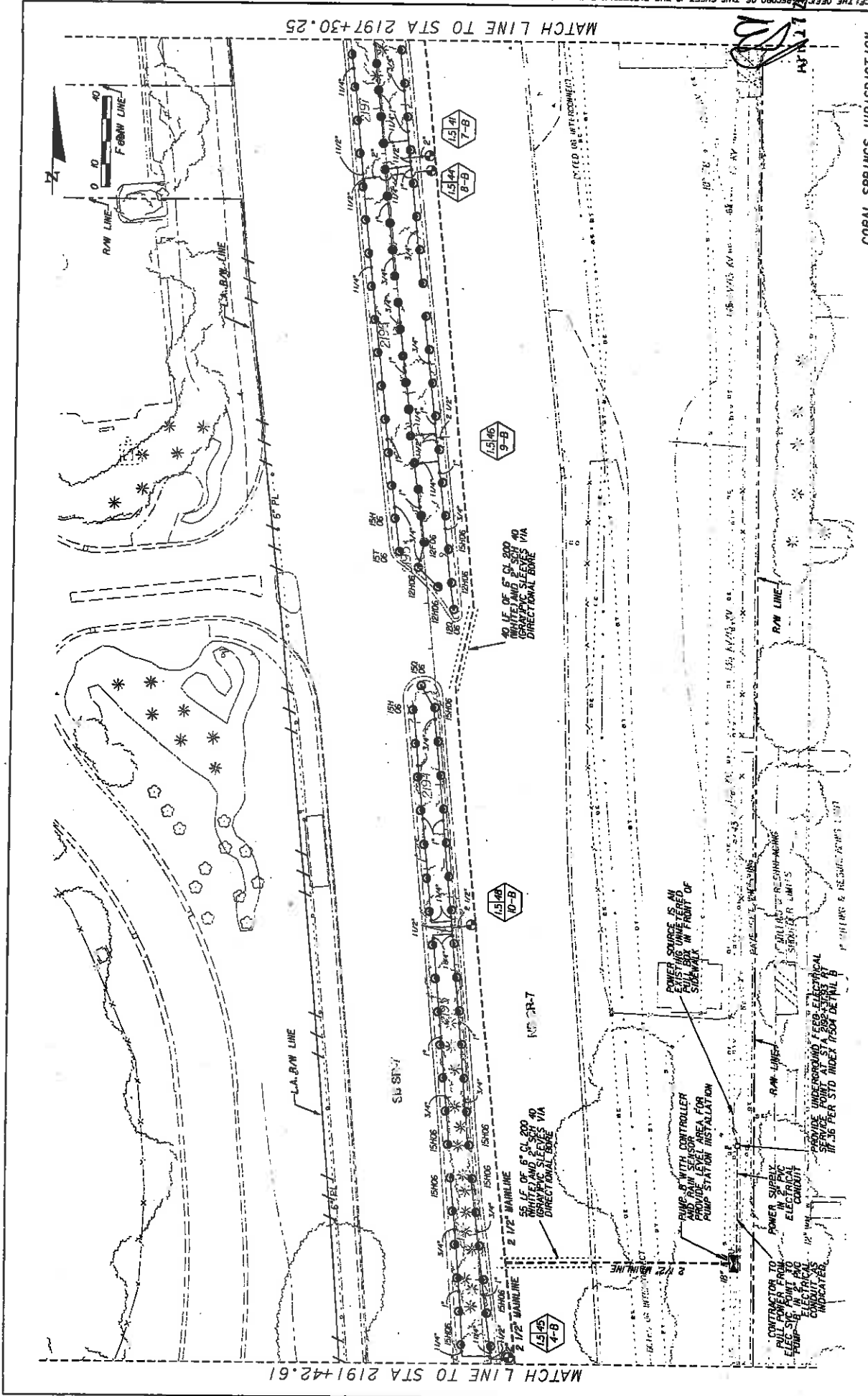
STATE OF FLORIDA	FINANCIAL PROJECT ID
DEPARTMENT OF TRANSPORTATION	42662-1-52-01
COUNTY	BROWARD
ROAD NO.	7

**LAND DESIGN SOUTH**  
 INCORPORATED  
 1100 CENTREMANOR BLVD  
 SUITE 100  
 WEST PALM BEACH, FL 33411  
 PH: 561-833-1100  
 WWW.LANDDESIGNSOUTH.COM  
 CERTIFICATE OF AUTHORIZATION NO: 000005

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



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		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD NO. 7	COUNTY BROWARD	FINANCIAL PROJECT ID 42662-1-52-01

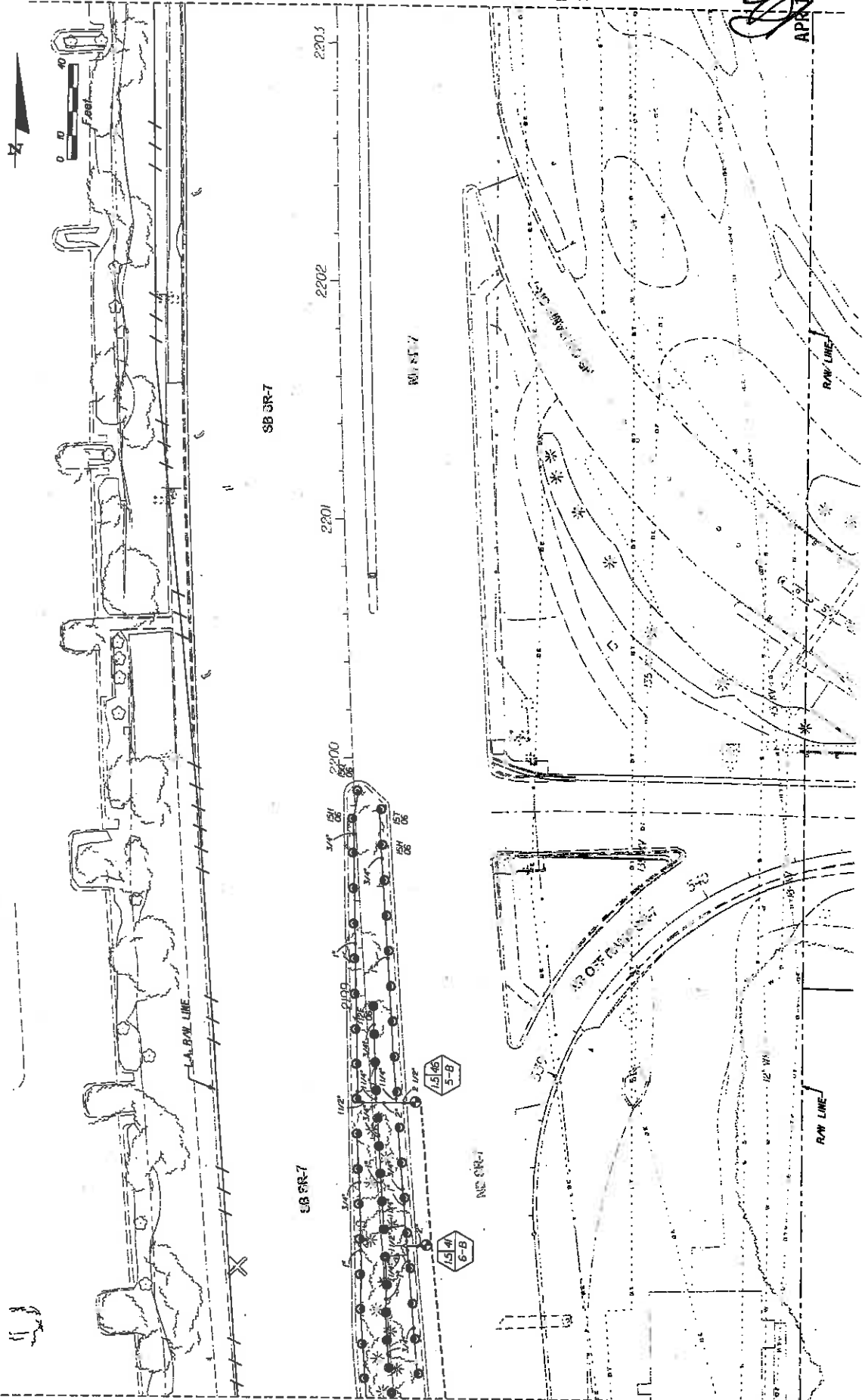
SHEET NO. LD-60	CORAL SPRINGS JURISDICTION <b>IRRIGATION PLAN</b>
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APR 17 2009

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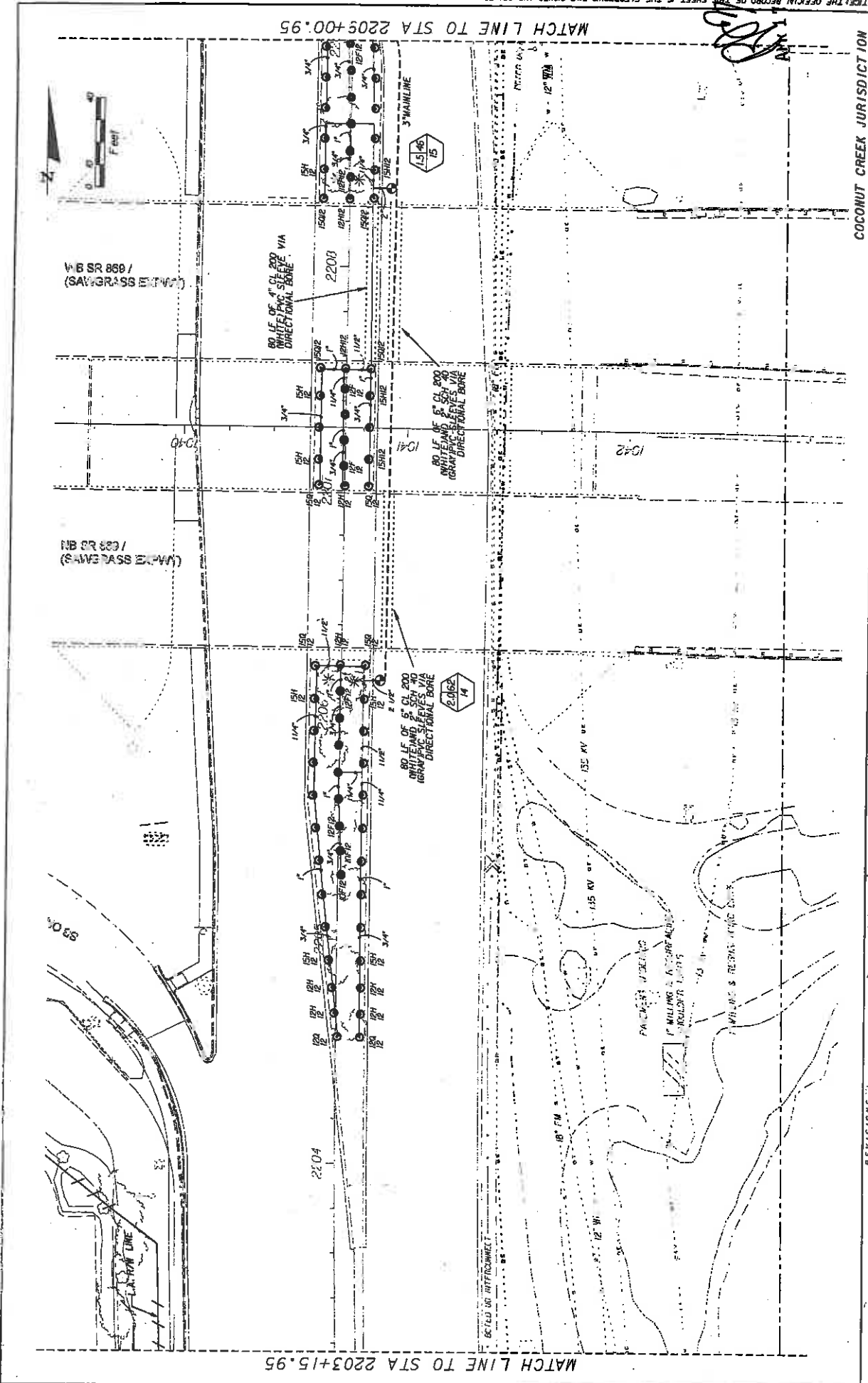
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CORAL SPRINGS JURISDICTION

DATE		REVISIONS	DESCRIPTION
		DATE	
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CERTIFICATE OF AUTHORIZATION NO: 00805		DEPARTMENT OF TRANSPORTATION	
3400 UNIVERSITY WEST BL. SUITE 100 WEST PALM BEACH, FL 33411		ROAD NO. 7	
PROJECT NO: 00805		COUNTY BROWARD	
FINANCIAL PROJECT ID 421662-1-52-01		SHEET NO. LD-61	

IRRIGATION PLAN



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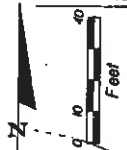
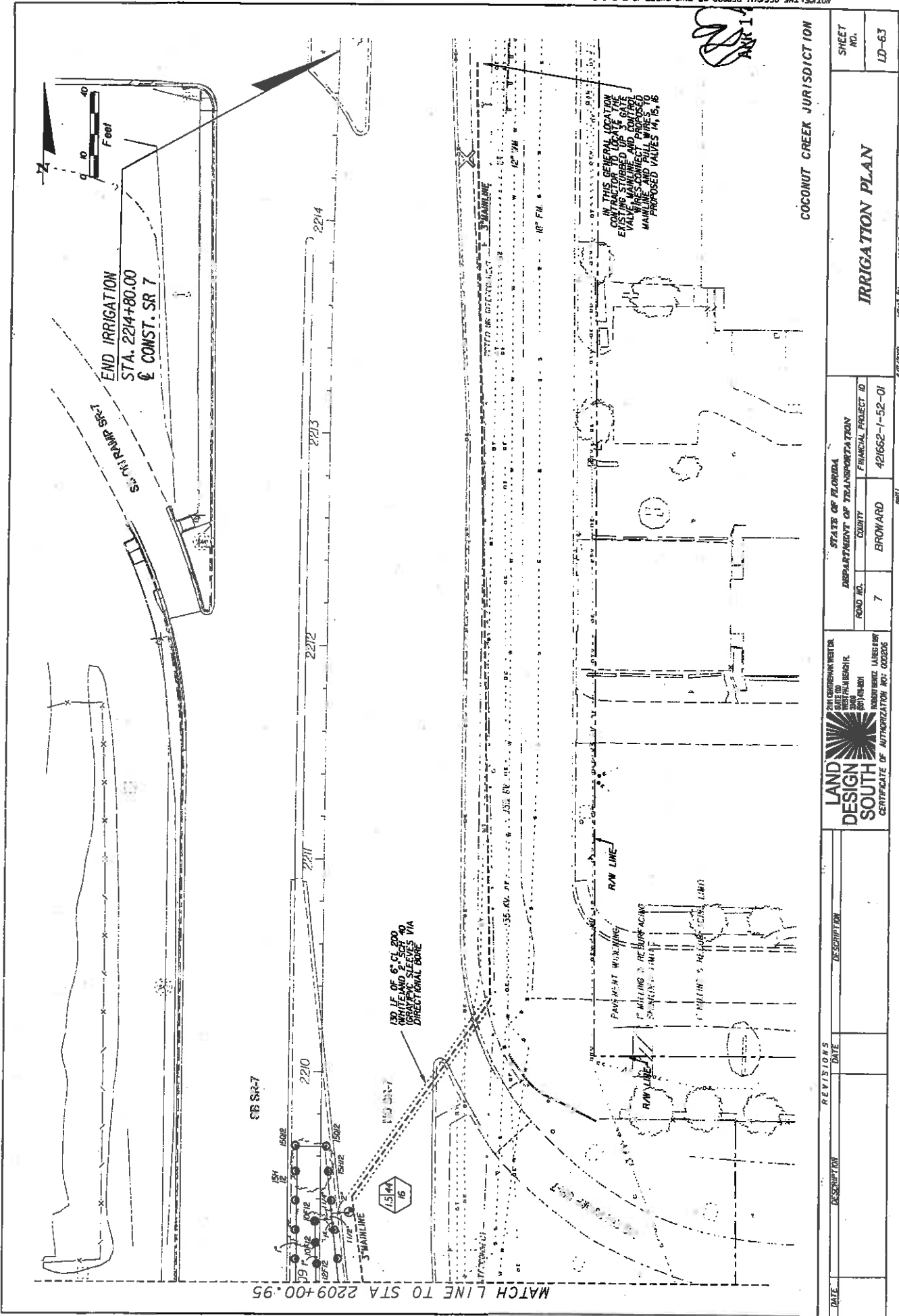
60072000

COCONUT CREEK JURISDICTION

DATE	REVISIONS	DESCRIPTION

<b>LAND DESIGN SOUTH</b> <small>CERTIFICATE OF AUTHORIZATION NO. 000026</small>		<small>2010 LANSBERRY RD. SUITE 100, WEST PALM BEACH, FL 33411</small> <small>TEL: 561-831-1234 FAX: 561-831-1234</small>
<small>STATES OF FLORIDA</small> <small>DEPARTMENT OF TRANSPORTATION</small>	<small>ROAD NO.</small> 7	<small>FINANCIAL PROJECT ID</small> 421662-1-52-01
<small>COUNTY</small> BROWARD	<small>PROJECT NO.</small> 7	<small>PROJECT NAME</small> IRRIGATION PLAN
<small>DATE</small> 4/17/2009	<small>SCALE</small> 1"=40'	<small>SHEET NO.</small> LD-62



END IRRIGATION  
 STA. 2214+80.00  
 @ CONST. SR 7

MATCH LINE TO STA 2209+00.95

IN THIS GENERAL LOCATION  
 EXISTING STORMED LINES LEAVE  
 VALVE MAINLINE AND CONTROL  
 MANHOLES CONNECT PROPOSED  
 PROPOSED VALVES #1, #5, #6

APR 17 2009

COCONUT CREEK JURISDICTION

DATE	REVISIONS	DESCRIPTION

LAND DESIGN SOUTH CERTIFICATE OF AUTHORIZATION NO. 002006		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. 7	COUNTY BROWARD	FINANCIAL PROJECT ID 421662-1-52-01	SHEET NO. LD-63

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 4/17/2009 10:00:00 AM  
 4/17/2009 10:00:00 AM  
 4/17/2009 10:00:00 AM

**SECTION NO: 86100**  
**S.R. NO(S): 7 (US 441)**  
**COUNTY: Broward**  
**FM NO.(S): 421662-1-52-01**

## **EXHIBIT C**

### **MAINTENANCE PLAN**

**This Exhibit forms an integral part of the DISTRICT FOUR (4) Amendment to the HIGHWAY MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.**

**Dated: 4-17-2009**

# MAINTENANCE PLAN

## Landscape Improvements

**Project State Road No(s):** SR 7 (US 441)  
**Project Limits:** SR 832 (Sample Rd.) to North of SR 869 (Sawgrass Expressway)  
**FM No(s):** 421662-1-52-01  
**Maintaining Agency:** Coconut Creek  
**RLA of Record:** Robert Bentz  
**Date:** 4-17-2009

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### **I. General Maintenance Requirements and Recommendations:**

The purpose of a plan for the landscape improvements maintenance practices is to allow the plant material on your project to thrive in a safe and vigorous manner while fulfilling their intended purpose and conserving our natural resources. Plantings and all other landscape improvements shall be maintained to avoid potential roadway hazards and to provide required clear visibility, accessibility, clearance, and setbacks as set forth by Florida Department of Transportation (FDOT) governing standards and specifications: *FDOT Design Standards*, *FDOT Plans Preparation Manual Vol. I, Chapter 2.11* and *FDOT Standard Specifications for Road and Bridge Construction* as amended by contract documents; and all other requirements set forth by the District 4 Operations Maintenance Engineer. The initial portion of the Maintenance Plan describes general maintenance requirements and recommendations. The concluding section is recommendations prepared by the Landscape Architect of Record specific to the attached approved plans.

### **Watering Requirements:**

Watering is a critical concern for not only the maintenance of healthy plant material but also for observing water conservation practices. The amount of water to apply at any one time varies with the weather, drainage conditions and water holding capacity of the soil. For plant materials that have been established, it is imperative that any mandated water restrictions be fully conformed to on FDOT roadways.

Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes.

### **Irrigation System:**

The Agency shall ensure there are no roadway overspray or irrigation activities during daytime hours (most notably "rush hour" traffic periods). It is imperative the irrigation controller is properly set to run early enough that the watering process will be entirely completed before high traffic periods, while adhering to mandated water restrictions. To ensure water conservation, the

Agency shall monitor the system for water leaks and the rain sensors to ensure they are functioning properly so that the system shuts down when there is sufficient rainfall.

**Integrated Plant Management:**

An assessment of each planting area's soil is recommended to periodically determine the nutrient levels needed to sustain healthy, vigorous plant growth.

Palms, shrubs, trees and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Establishment of an integrated plant management program is encouraged to ensure healthy plants, which are free of disease and pests.

**Mulching:**

Mulch planting beds in such a manner as to: prevent weed growth; retain moisture to the plants; protect against soil erosion and nutrient loss; maintain a more uniform soil temperature; and improve the appearance of the planting beds. Avoid mulch mounded up on the trunks of trees, palms, and the base of shrubs to encourage air movement in this area that aids in lowering disease susceptibility. Cypress mulch is prohibited on state right of way.

**Pruning:**

All pruning, and the associated safety criteria, shall be performed according to American National Standard Institute ANSI A300 standards and shall be supervised by an International Society of Arboriculture (ISA) Certified Arborist. Pruning shall be carried out with the health and natural growth of plant materials in mind, and to specific pruning heights maintaining clear visibility for motorists, and vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions and all trees and palms (with particular attention to fronds and fruit) maintained to prevent potential roadway and pedestrian hazards. The specific pruning heights are determined by understanding the designer's intent when selecting and placing the plants. The intended mature maintained height and spread of plants should be noted on the planting plans. (See Specific Requirements and Recommendations per Approved Landscape & Irrigation Design for these guidelines). The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) of the medians are to be maintained at a height in compliance with FDOT Design Standards Index 546, Page 6 of 6, Window Detail. Vertical tree heights must meet *FDOT Maintenance Rating Program* (MRP) standards.

**Staking and Guying:**

All staking materials, except for replacements, are removed by the completion of FDOT warranty period or at one year (whichever comes first). Any subsequent staking and guying activities by the Agency must adhere to *FDOT Design Standards* guidelines (See Index 544). The Agency shall closely monitor staking and guying attachment materials so that they are securely fastened to avoid potential roadway hazards.

**Turf Mowing:**

All grassed areas are to be mowed and trimmed with sufficient frequency to maintain a deep, healthy root system while providing a neat and clean appearance to the urban landscape. All turf

efforts: mowing, curb/sidewalk edging, and turf condition must meet *FDOT Maintenance Rating Program (MRP)*.

**Litter Control:**

The project site shall remain as litter free as practicable. It is recommended to recycle this litter to avoid unnecessary waste by its reuse. Litter removal efforts must meet *FDOT Maintenance Rating Program (MRP)* standards.

**Weeding/Herbicide:**

All planting areas shall be maintained as weed free as practicable enlisting integrated pest management practices in areas specified on the plans and by maintaining proper mulch levels. Extreme care is recommended if using a chemical herbicide to avoid overspray onto plant materials. Any damage resulting from overspray is the applicator's responsibility to restore the plantings to the approved plans.

**Plant Replacement:**

Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the *Florida Department of Agriculture and Consumers Services, Grades and Standards for Nursery Plants* are permitted on FDOT roadways. Should it become necessary to change the species, a general use permit is required from FDOT for approval by the FDOT District Landscape Architect.

**Hardscape (Specialty Surfacing):**

All specialty pavers and tree grates shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the pavers and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current *Interlocking Concrete Pavement Institute (ICPI), Section 23 14 13 Interlocking Concrete Pavers*, Part 3.05. If the pavers or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

**Hardscape (Non-Standard Travelway Surfacing):**

It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway, including asphalt pavement, caused or contributed by the installation or failure of non-standard surfacing, and/or the header curb, on the Department of Transportation right-of-way within the limits of this Agreement. Pavement restoration areas or "patches" will have a minimum length of 10-ft, measured from the edge of the header curb, and a width to cover full lanes for each lane affected by the restoration.

Pavement restoration will be performed in accordance with the most current edition of the *FDOT Standard Specifications for Road and Bridge Construction*, and the *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System*.



It shall be the responsibility of the AGENCY to maintain all signs located within a non-standard surfacing area. Such maintenance to be provided by the AGENCY shall include repair, replace of the sign panel, post, and base.

**Hardscape (Landscape Accent Lighting)**

Landscape accent lighting shall be maintained in such a manner as to prolong the life of the lighting fixture and prevent potential safety hazards. If the lighting fixtures and their system become damaged, they shall be replaced with the same type and specification as the approved plan.

**Maintenance of Traffic Control**

Reference the FDOT website regarding the selection of the proper traffic control requirements to be provided during routine maintenance and / or new installations of this DOT roadway.

Website: Series 600 Traffic Control through Work Zones  
<http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.htm>

**Vegetation Management at Outdoor Advertising (ODA)**

To avoid conflicts with permitted outdoor advertising, please reference the State of Florida website regarding the vegetation management of outdoor advertising. This website provides a portal to search the FDOT Outdoor Advertising Inventory Management System Database. The database contains an inventory of outdoor advertising structures, permits and other related information maintained by the Department.

Website: FDOT Outdoor Advertising Database  
<http://www2.dot.state.fl.us/rightofway/Default.aspx>

Also, reference the Florida Highway Beautification Program website link for Vegetation Management at ODA signs for the Florida Statutes and Administrative Codes related to Vegetation Management at Outdoor Advertising Signs and Permit Applications for Vegetation Management and Outdoor Advertising Signs determining Mitigation Value of Roadside Vegetation.

Website: FDOT Environmental Management office for Landscape Architects  
<http://www.dot.state.fl.us/emo/beauty/FLA.shtm>

**II. Specific Project Site Maintenance Requirements and Recommendations:**

The design intent for the Coconut Creek portion of the design was to match the project to the north. There is a portion of the irrigation system that is tied into the project to the north and utilizes their water supply. There should be careful measures taken so that this system doesn't impact the system in place to the north. The hardscape design was also created to match the

## REFERENCES

This reference list is provided as a courtesy. The list may not contain the most current websites. The most current references must be accessed for up to date information.

American National Standard Institute, *ANSI A300, (Part 1) for Tree Care Operations – Trees, Shrub, and Other Woody Plant Maintenance – Standard Practices (Pruning)*, available for purchase

<http://www.treespecialists.com/pdfs/pruningstandards.pdf>

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Stock*, available for purchase

<http://www.doacs.state.fl.us/pi/plantinsp/publications.html>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 544 Landscape Installation*

<http://www.dot.state.fl.us/rddesign/rd/RTDS/08/544.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 546 Sight Distance at Intersections*

<http://www.dot.state.fl.us/rddesign/rd/RTDS/08/546.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 700 Roadside Offsets*

<http://www.dot.state.fl.us/rddesign/rd/RTDS/08/700.pdf>

Florida Department of Transportation, *FDOT Plans Preparation Manual (PPM) Vol. I Chapters 2.11.5, Horizontal Clearance to Trees; Table 2.11.9 Horizontal Clearance and Clear Zone; Figure 4.1.2 Clear Zone; and Table 25.4.11.1 Clear Zone Width (feet) and Table 25.4.14.6 (for existing) trees*

<http://www.dot.state.fl.us/rddesign/PPMManual/2008/Volume1/zChap02.pdf>

Florida Department of Transportation, *FDOT Standard Specifications for Road and Bridge Construction, Section 580 Landscape Installation*

<http://www.dot.state.fl.us/specificationsoffice/Implemented/CurrentBK/CurrentSpecs/580.pdf>

Florida Department of Transportation, *Maintenance Rating Program Handbook*

<http://ombnet.dot.state.fl.us/procedures/bin/850065002.pdf>

Florida Department of Transportation, Landscape Architecture Website

<http://www.dot.state.fl.us/emo/beauty/beauty.shtm>

Interlocking Concrete Pavement Institute (ICPI)  
<http://www.icpi.org/> <http://www.fisstate.org>

International Society of Arboriculture (ISA)  
[www.isa-arbor.com](http://www.isa-arbor.com)

Manual on Uniform Traffic Control Devices  
<http://www.mutcd.fhwa.dot.gov>

Florida Irrigation Society  
<http://www.fisstate.org>

Florida Department of Community Affairs (FCA), *Florida Board of Building Codes & Standards, Florida Accessibility Code for Building Construction*  
[http://www.dca.state.fl.us/fbc/publications/1\\_publications.htm](http://www.dca.state.fl.us/fbc/publications/1_publications.htm)

*Guide to Roadside Mowing and Guide to Turf Management*, available for purchase  
<http://infonet.dot.state.fl.us/SupportServicesOffice/plist.htm>

Accessible Sidewalk Videos (ADA)  
<http://www.access-board.gov/news/sidewalk-videos.htm>

**SECTION NO: 86100**  
**S.R. NO(S): 7 (US 441)**  
**COUNTY: Broward**  
**FM NO.(S): 421662-1-52-01**

## **EXHIBIT D**

### **PROJECT COST**

**This Exhibit forms an integral part of the DISTRICT FOUR (4) Amendment to the HIGHWAY MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.**

**Dated: 4/17/2009**

**I. APPROXIMATE PROJECT COST: \$ 88,019.50**

SR 7 from Sample to Sawgrass-FPID 421662-1-52-01-Coconut Creek Jurisdiction						
Cost Estimate for Landscape Pay Items						
	Symbol	Quantity	Unit Cost	Total Cost	Specification	
Trees and Palms						
Roystonea elata-Royal Palm	RO	8	\$750.00	\$6,000.00	B&B, 10' GW	
<b>Trees and Palms Landscape Material Total-</b>				<b>\$6,000.00</b>		
Shrubs						
Bougainvillea 'Sanderiana'	BSS	300	\$9.00	\$2,700.00	24" x 24", 24" oc.	
Jasminum volublie-Wax Jasmine	JAS	300	\$9.00	\$2,700.00	12" x 12", 18" oc.	
Trachelospermum asiaticum-Dwarf Confederate Jasmine	TRA	1000	\$4.00	\$4,000.00	12" x 12", 18" oc.	
Zamia maritima-Cardboard Palm	ZAM	250	\$25.00	\$6,250.00	24" x 24", 36" oc.	
<b>Shrubs Landscape Material Total-</b>				<b>\$15,650.00</b>		
Groundcovers						
Performance Sod	SOD	145	\$0.09	\$13.05	St. Augustine Grass	
<b>Shrubs Landscape Material Total-</b>				<b>\$13.05</b>		
Concrete Pavers						
Complete Irrigation System		385	\$106.62	\$41,048.70	1 median tapping into northern system (pump/well)	
<b>GRAND TOTAL COST</b>				<b>\$88,019.50</b>		
<b>Notes:</b>						
1. This is a Conceptual Cost Estimate. Price reflects current plant prices, availability and specifications.						