



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	\$499,590	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	(\$249,795)	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	<b>\$249,795</b>	_____	_____	_____	_____
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes X No \_\_\_\_\_  
 Budget Account No.: Fund 3654 Department 381 Unit E421 Object 6504

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

Natural Areas Funds Transfer  
 LRPI SO748

**C. Department Fiscal Review:**

*JP*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and /or Contract Dev. and Control Comments:**

*[Signature]* 12/17/14  
 OFMB *AK* 12/16/14

*[Signature]* 12/31/14  
 Contract Development and Control  
 12-22-14 *[Signature]*

**B. Legal Sufficiency:**

*[Signature]* 12/29/14  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

**WORK ORDER**  
**ANNUAL CONTRACT**

PROJECT NAME: Annual Pathway & Minor Construction Contract PROJECT #: 2013051

DEPARTMENT: ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)

ERM WORK ORDER PROJECT NAME: North Jupiter Flatwoods Restoration Project  
COMMISSIONER DISTRICT #: 1

WORK ORDER NO.: ERM 14C-19

BUDGET LINE ITEM: 3654-381-E421-6504-E124-NNJF-012  
[Fiscal approval of Budget Availability: \_\_\_\_\_]

DATE: December 9, 2014

TO: WYNN & SONS ENVIRONMENTAL CONSTRUCTION CO. INC.

In accordance with the terms of your Contract (R2013-0427) dated April 16, 2013, you are directed to provide the following supplies and services: Construct an earthen berm, install a water control structure, backfill former irrigation ditches, and furnish and install a 30 mil PVC liner (20 ft width), as per attached plans for the North Jupiter Flatwoods Restoration Project.

The above work shall be performed at: North Jupiter Flatwoods Natural Area, 3377 Church Street, Jupiter, FL 33458

Commencing: upon execution by Contractor and County, and shall be completed by July 2, 2015.

The total amount of this Work Order, shall not exceed \$499,590 as identified in your estimate, dated December 9, 2014.

This work shall be coordinated with: Jeff Buck  
Name \_\_\_\_\_  
Sr. Environmental Analyst  
Title \_\_\_\_\_  
561-233-2466  
Telephone Number \_\_\_\_\_

**Please indicate your receipt of this Work Order and agreement with work schedule by signing and returning two originals. This Work Order is not valid until signed by Palm Beach County.**

WYNN & SONS ENVIRONMENTAL  
CONSTRUCTION CO. INC.

Company

7268 Belvedere Road

Address

West Palm Beach, FL 33411

City & State

Signature

Date

PALM BEACH COUNTY, FL

A Political Subdivision of the State of Florida

BOARD OF COUNTY COMMISSIONERS

Owner

2300 North Jog Road, 4<sup>th</sup> Floor

Address

West Palm Beach, FL 33411-2743

City & State

Signature

Shelley Vana, Mayor

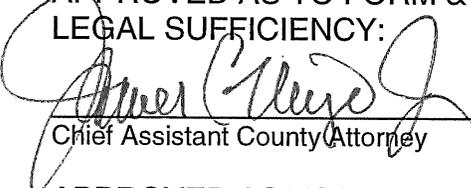
Date

ATTEST:  
Sharon R. Bock, Clerk & Comptroller

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Deputy Clerk

APPROVED AS TO FORM &  
LEGAL SUFFICIENCY:



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Chief Assistant County Attorney

APPROVED AS TO TERMS & CONDITIONS:



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Robert Robbins, Director  
Dept. of Environmental Resources Management

cc: Finance (Downtown)  
David Young, P.E., Engineering & Public Works/Roadway Production  
Irwin Jacobowitz, Director, Contract Development and Control

**WYNN & SONS ENVIRONMENTAL CONSTRUCTION CO.  
INC.**

# Estimate

7268 BELVEDERE RD  
WEST PALM BEACH, FL. 33411

Date	Estimate #
12/9/2014	958

BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY FINANCE DEPT  
PO BOX 4036  
WEST PALM BEACH, FL 33402-4036  
CONTRACT 2013-051

**Ship To**  
MR. STEVE PISANO  
NORTH JUPITER FLATWOODS  
RESTORATION PROJECT:  
SEEPAGE BARRIER, BERM, WATER CONTROL  
STRUCTURE & DITCH BACKFILL

**Project**

Item	Description	Qty	Rate	Total
# 12	EXCAVATION PER CY	3,100	7.00	21,700.00
# 13	EMBANKMENT PER CY	29,080	10.00	290,800.00
# 16	SEEDING & MULCHING PER SY	7,500	0.35	2,625.00
# 22	8" BASE INCLUDING PRIME COAT PER SY	7,936	15.00	119,040.00
# 77	MISC. CONCRETE INC. STEEL PER CY	3.5	750.00	2,625.00
#310	36" RCP PER L/F	88	350.00	30,800.00
312	DITCH BOTTOM INLET TYPE D FDOT (EA)	1	6,000.00	6,000.00
NIIC	"Furnish and install 30 MIL PVC LINER (20FT WIDE) PER L/F	2,600	10.00	26,000.00

Phone # 561-686-6077	Fax # 561-686-2433	rickatwynnandsons@comcast.net	<b>Total</b>	\$499,590.00
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**ERM's CONTRACT HISTORY FOR**  
**Wynn & Sons Environmental Construction Co. Inc.**  
**Engineering Dept's. Annual Pathway & Minor Construction Contract**  
**Project # 2013051**

Contract R No. R2013-0427 expiring 9/30/15 Contract Date: April 16, 2013  
Change Order No. 2 dated September 11, 2013; Change Order No. 3 dated October 3, 2013, Change Order No. 4 dated April 15, 2014  
1st Amendment extended Contract to 9/30/15 (R2014-1119); 2nd Amendment added 2nd Year ERM allotment \$1,550,000 (R2014-1664)  
1st Year ERM Allotment: \$ 1,690,000.00  
2nd Year ERM Allotment: \$ 1,550,000.00

SBE %: 100.00%

WORK ORDER NUMBER	WORK ORDER TOTAL / SBE AMOUNT	DUE DATE	WORK ORDER DESCRIPTION	APPROVED BY/DATE
<b>1st Year Work Orders:</b>				
ERM13C-04	\$ 179,985.25	6/21/13	Pine Glades Natural Area Public Use Facilities, Phase 1	CRC/ 4/24/13
ERM13C-07	204,547.50	12/13/13	Pine Glades Natural Area Public Use Facilities, Phase 2	BCC/ 6/18/13
ERM13C-07, Change Order 1	3,780.00	12/13/13	Pine Glades Natural Area Public Use Facilities, Phase 2, Quantity Adjustment	ERM/ 2/5/14
ERM13C-09	15,972.00	6/28/13	Pine Glades North Berm Restoration	ERM/ 6/12/13
ERM13C-13	38,620.00	12/20/13	Pine Glades Natural Area Public Use Facilities, Phase 3	ERM/ 10/11/13
ERM13C-13, Change Order 1	300.00	12/20/13	Pine Glades Natural Area Public Use Facilities, Phase 3, Quantity Adjustment	ERM/ 2/5/14
ERM14C-02	449,852.50	7/11/14	North Jupiter Flatwoods Natural Area Public Use Facilities	BCC/ 3/11/14
ERM14C-02, Change Order 1	14,341.00	7/11/14	North Jupiter Flatwoods Natural Area Public Use Facilities, Quantity Adjustment	ERM/ 9/16/14
ERM14C-06	156,401.00	7/1/14	Hatcher Control Structures	CRC/ 3/19/14
ERM14C-08	542,866.90	12/12/14	Winding Waters Natural Area Public Used Facilities	BCC/ 7/22/14
ERM14C-10	3,400.00	9/19/14	Hungryland Slough Guardrail Relocation	ERM/ 8/1/14
ERM14C-12	19,510.00	10/1/14	Hatcher Bridge Rehabilitation	ERM/ 9/9/14
ERM14C-13	47,632.00	12/12/14	Winding Waters Natural Area Public Use Facilities - Phase 2	ERM/ 9/18/14
ERM14C-15	8,934.00	10/1/2014	Hatcher Bridge Rehabilitation Addition	ERM/ 9/24/14
<b>2nd Year Work Orders:</b>				
ERM14C-19	\$ 499,590.00		North Jupiter Flatwoods Natural Area Hydrological Restoration	BCC

Total Work Orders Issued 1st Year: \$ 1,686,142.15  
Total Work Orders Issued 2nd Year: \$ 499,590.00  
ERM 2nd Year Allotment: \$ 1,550,000.00  
ERM 2nd Year Allotment Balance: \$ 1,050,410.00

Report File Date: December 9, 2014

# COUNTY OF PALM BEACH STATE OF FLORIDA

## NORTH JUPITER FLATWOODS NATURAL AREA HYDROLOGICAL RESTORATION PROJECT

### BOARD OF COUNTY COMMISSIONERS

HAL R. VALECHE  
District 1

PRISCILLA A. TAYLOR  
District 7

PAULETTE BURDICK  
District 2

JESS R. SANTAMARIA  
District 6

SHELLEY VANA  
District 3

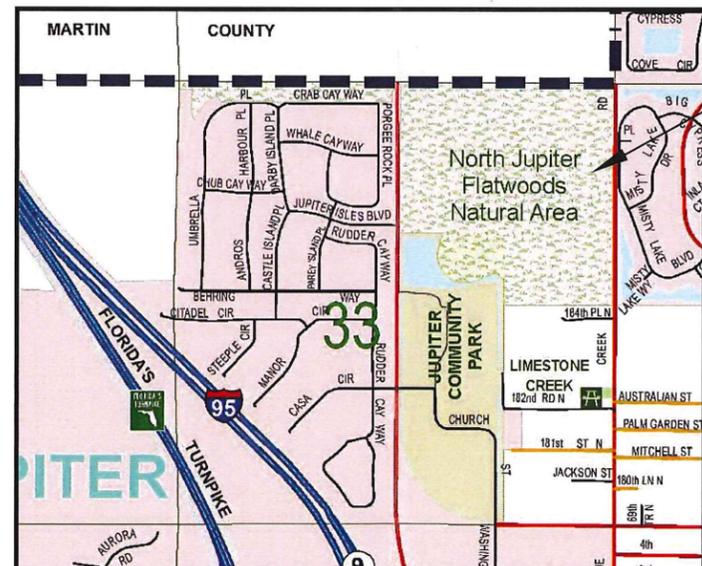
MARY LOU BERGER  
District 5

STEVEN L. ABRAMS  
District 4



#### INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	NOTES & DETAILS
3	DETAILS
4	PLAN
5	ENLARGED PLAN



PROJECT SITE

LOCATOR MAP

PALM BEACH COUNTY  
DEPARTMENT OF ENVIRONMENTAL  
RESOURCES MANAGEMENT  
2300 NORTH JOG ROAD, 4th FLOOR  
WEST PALM BEACH, FLORIDA 33411-2743  
(561) 233-2400



Date:	
By:	
Revision:	
No.:	
Scale:	1" = 300'
Approved:	ERM
Drawn:	CLJ
Checked:	JT
Date:	9/15/2014
Field Book No.:	

CIVIL DESIGN, INC.  
312 9th Street  
West Palm Beach, FL 33401  
T: 561.659.5760  
F: 561.659.5772  
www.civil-design.com  
Cert. of Auth. No. 9664

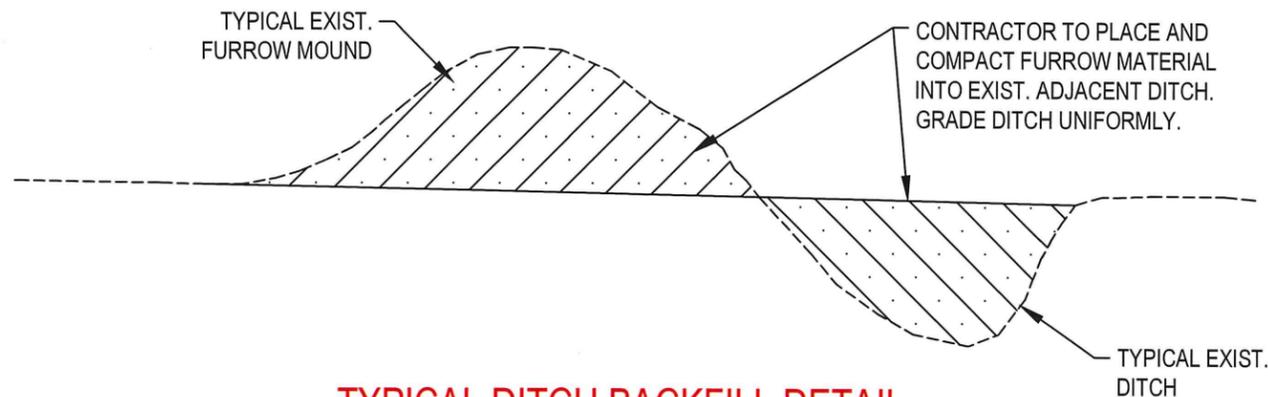
Project:  
**NORTH JUPITER FLATWOODS  
NATURAL AREA  
HYDROLOGIC RESTORATION PROJECT**  
TITLE SHEET

Sheet:  
**1**  
OF 5

# GENERAL NOTES

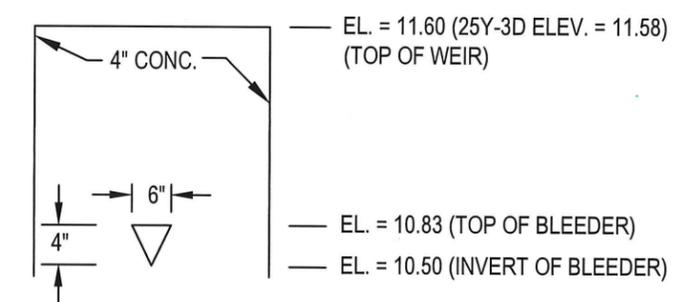
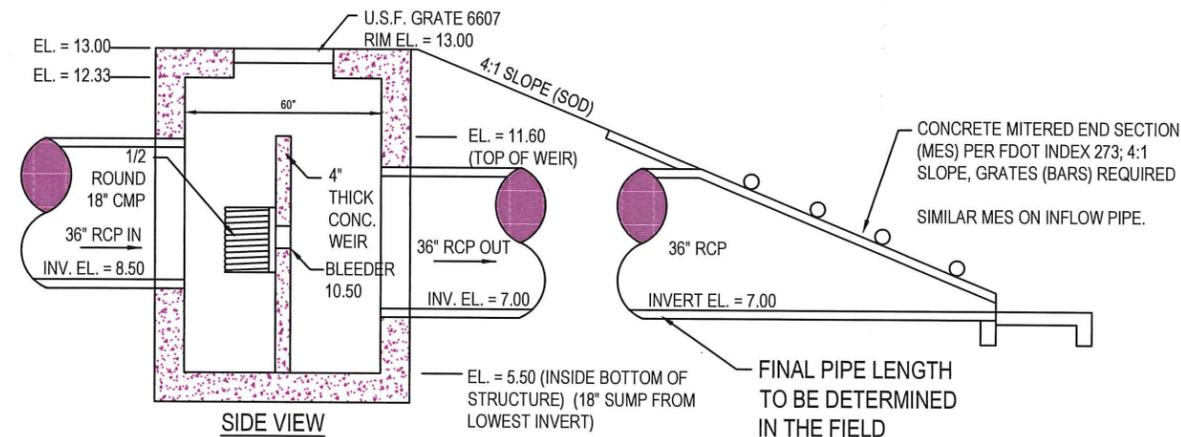
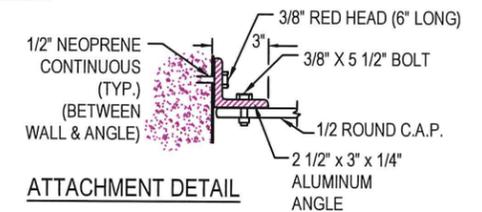
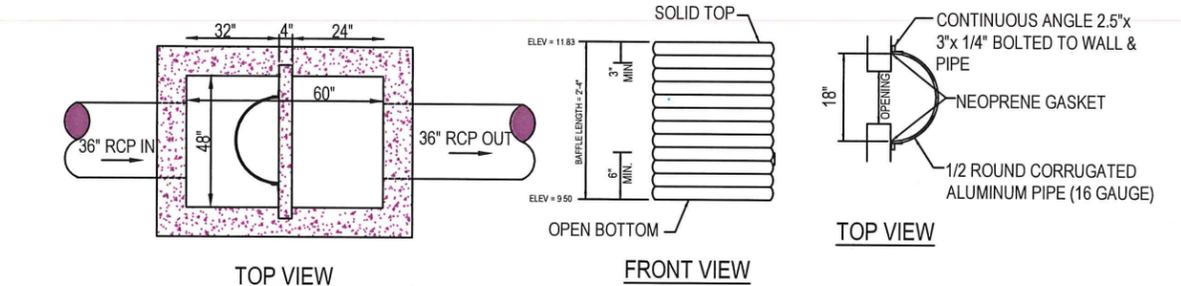
- ALL NORTHING AND EASTING COORDINATES ARE GRID PER THE NAD 83/1990 ADJUSTMENT STATE PLANE.
- ALL ELEVATIONS ARE IN THE NAVD '88 DATUM.
- MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT ROADWAY TRAFFIC DESIGN SPECIFICATIONS AND STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D., LATEST EDITION).
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DISTURBED, AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE PALM BEACH COUNTY SURVEY SECTION, WITHOUT DELAY BY PHONE.
- THE CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO SURVEY MARKERS DURING CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY PBC.
- THE LOCATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF OTHER UTILITIES (NOT SHOWN ON PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, AND THE RESPECTIVE UTILITY OWNER(S) TO RESOLVE THE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS AS REQUIRED.
- PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
- THE CONTRACTOR SHALL NOTIFY SUNSHINE STATE ONE-CALL OF FLORIDA, INC AT 1-800-432-4770 AND ALL AFFECTED UTILITIES 48 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR FACILITIES SO THAT A COMPANY REPRESENTATIVE MAY BE PRESENT.
- UTILITIES ARE TO BE ADJUSTED OR RELOCATED BY OTHERS AS DIRECTED BY THE COUNTY.
- ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF THE PROJECT SHALL REMAIN UNLESS OTHERWISE NOTED.
- FOR FURTHER UTILITY INFORMATION CONTACT THE FOLLOWING:
 

11.1. FLORIDA POWER AND LIGHT	LEONARD CHIOCCA	561-742-2024
11.2. ATT/ DISTRIBUTION	BOB LOWEN	561-329-5451 (CELL)
11.3. COMCAST	HENRY PATINO	561-454-5807
11.4. TOWN OF JUPITER UTILITIES	DAVID BROWN	561-746-5134
11.5. ENCON (SEWER)	KRIS DEAN	561-747-5700
- THE CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS TURBIDITY CURTAINS AND FLOATING SILT BARRIERS WHERE NECESSARY IN ORDER TO COMPLY WITH STATE AND LOCAL WATER QUALITY STANDARDS. COST OF SUCH METHODS OR DEVICES SHALL BE INCORPORATED IN THE COST OF THE PROJECT'S NPDES COMPLIANCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION (FDOT STANDARD SPECIFICATIONS).
- ALL EXCAVATED OR GRUBBED UNSUITABLE MATERIAL SUCH AS MUCK, MARL, AND DEBRIS, SHALL BE REMOVED FROM THE LIMITS OF CONSTRUCTION AND DISPOSED OF LEGALLY.
- ADDITIONAL FILL MATERIAL SHALL BE FREE OF MUCK, STUMPS, ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GARBAGE, TRASH OR ANY MATERIAL THAT WILL NOT PROVIDE A SUITABLE STABLE, CLEAN SUBGRADE.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED, AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED.
- THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE COUNTY PRIOR TO ANY SITE WORK BEING PERFORMED. JOB SITE SUPERINTENDENT AND APPROPRIATE MANAGEMENT PERSONNEL SHALL BE IN ATTENDANCE.



**TYPICAL DITCH BACKFILL DETAIL**

N.T.S.



**WEIR DETAIL**

**NOTE:**  
INLET CONSTRUCTION AND REINFORCING SHALL COMPLY WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 201 (CURRENT EDITION)

**CONTROL STRUCTURE CS-1 DETAILS**

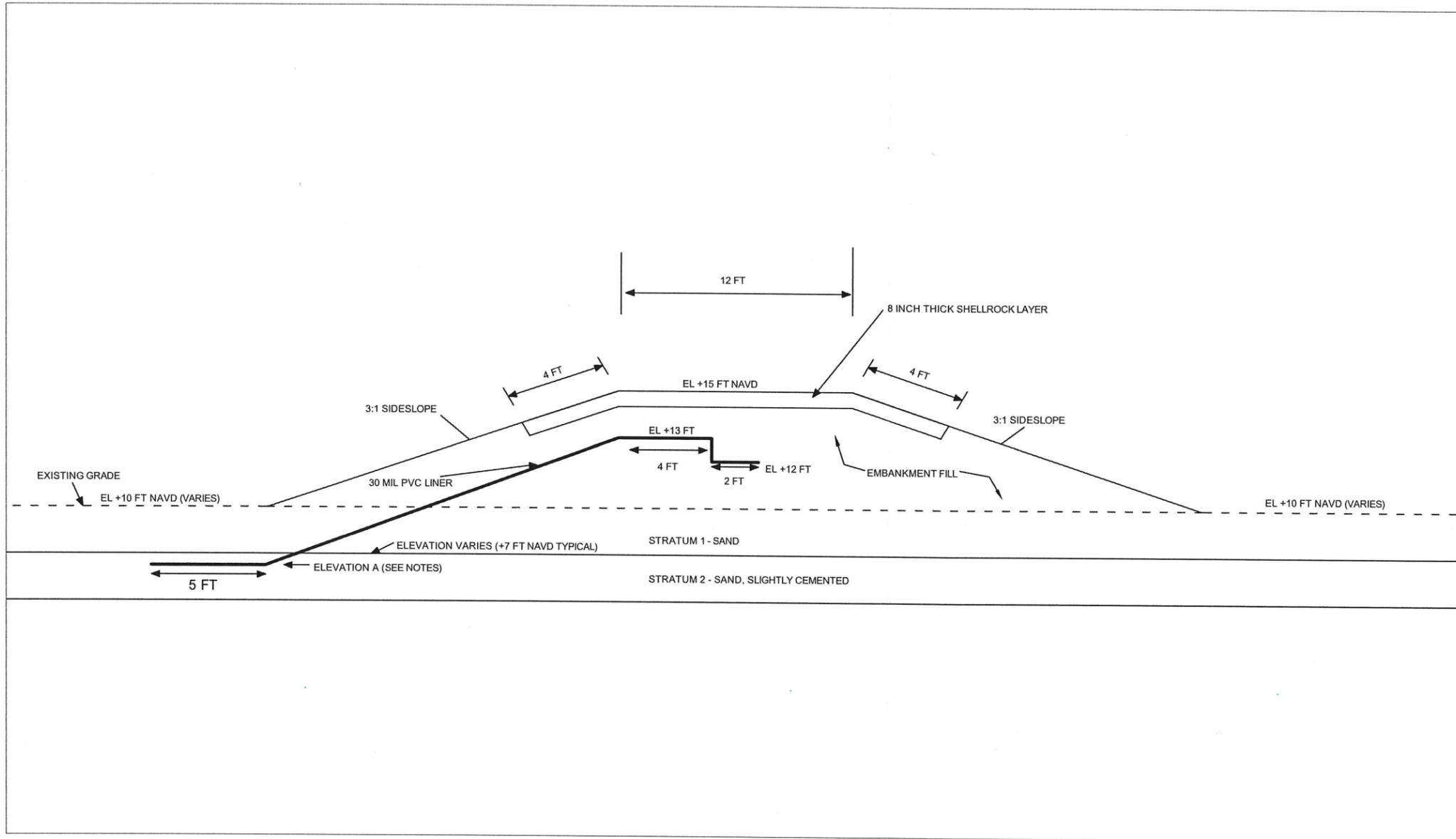
N.T.S.

**PALM BEACH COUNTY**  
DEPARTMENT OF ENVIRONMENTAL  
RESOURCES MANAGEMENT  
2300 NORTH JOG ROAD, 4th FLOOR  
WEST PALM BEACH, FLORIDA 33411-2743  
(561) 233-2400

Date:	12/9/14
By:	JL
Revision:	Revised CS & Traffic data
No:	1
Scale:	N/A
Approved:	ERM
Drawn:	CLJ
Checked:	JT
Date:	9/15/2014
Field Book No:	

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Project: **NORTH JUPITER FLATWOODS NATURAL AREA**  
HYDROLOGIC RESTORATION PROJECT  
NOTES & DETAILS



NOTES: 1. ELEVATION A IS 6" TO 12" BELOW TOP OF STRATUM 2 OR, IF STRATUM 2 IS ABSENT, 4 FEET BELOW CURRENT GRADE.



DRAWN	JJ
CHECKED	JV
APPROVED	KA
SCALE	SEE SCALE BAR
REVISED	

EMBANKMENT TYPICAL SECTION		
NORTH JUPITER FLATWOODS NATURAL AREA		
JUPITER, FLORIDA		
<b>DUNKELBERGER</b> engineering & testing, inc. A Terracon COMPANY		
DATE	9-11-14	PROJ. NO. HD135555
		SHEET 1

  
**PALM BEACH COUNTY**  
 DEPARTMENT OF ENVIRONMENTAL  
 RESOURCES MANAGEMENT  
 2300 NORTH JOG ROAD, 4TH FLOOR  
 WEST PALM BEACH, FLORIDA 33411-2743  
 (561) 233-2400

No:	
Scale:	1" = 30'
Approved:	ERM
Drawn:	CLJ
Checked:	JT
Date:	9/15/2014
Field Book No:	

  
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**NORTH JUPITER FLATWOODS  
 NATURAL AREA**  
 HYDROLOGIC RESTORATION PROJECT  
 DETAILS

Sheet: **3**  
 OF 5

OLD PLANTATION

REMOVE EXIST 24", 36" AND 18" PIPES

N954235.32  
E933053.31  
BENCHMARK  
NAIL AND TIN TAG  
ELEVATION = 17.64

TYPICAL DITCH  
FILLING  
SEE DETAILS

TYPICAL DITCH  
FILLING  
SEE DETAILS

NEW STORMWATER  
CONTROL  
STRUCTURE CS-1  
SEE DETAILS

REFER TO ENLARGED  
PLAN ON SHEET 4  
FOR ADDITIONAL  
INFORMATION

RIALTO

# NORTH JUPITER FLATWOODS NATURAL AREA

THE SHORES

SEEPAGE BARRIER & BERM  
SEE TYPICAL DETAIL BY DE&T  
SHEET 3

N952477.39  
E933025.34  
BENCHMARK  
NAIL AND TIN TAG  
ELEVATION = 14.29

TYPICAL DITCH  
FILLING  
SEE DETAILS

TYPICAL DITCH  
FILLING  
SEE DETAILS

SEEPAGE BARRIER & BERM  
SEE TYPICAL DETAIL BY DE&T  
SHEET 3

JUPITER COMMUNITY PARK



PALM BEACH COUNTY  
DEPARTMENT OF ENVIRONMENTAL  
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Project:  
**NORTH JUPITER FLATWOODS  
NATURAL AREA**  
HYDROLOGIC RESTORATION PROJECT  
PLAN

Sheet:  
**4**  
OF 5

**OLD PLANTATION PUD**

EXIST PIPES (3 TOTAL)  
TO BE REMOVED

CONCRETE MITERED END SECTION (MES)  
PER FDOT INDEX 273  
INVERT = 7.00  
RESTORE DITCH (MIN. 20' PAST MES) TO  
ESTABLISH CLEAR DRAINAGE FLOW.

PROPERTY LINE &  
FENCE

±32 LF, 36" DIAMETER RCP

RESTORE & CLEAR DITCH TO ESTABLISH  
FLOW. RESTORE EMBANKMENT FOR  
VEHICULAR ACCESS. RESTORE FENCE.

**NORTH JUPITER  
FLATWOODS**

CS-1 (SEE DETAILS SHEET 2)

±16 LF, 36" DIAMETER RCP

CONCRETE MITERED END SECTION (MES)  
PER FDOT INDEX 273  
INVERT = 8.50  
FILL AROUND CS-1 TO SET STRUCTURE  
AND PROVIDE SLOPING TO MES.  
RESTORE DITCH (MIN. 20' PAST MES) TO  
ESTABLISH CLEAR DRAINAGE FLOW.



PALM BEACH COUNTY  
DEPARTMENT OF ENVIRONMENTAL  
RESOURCES MANAGEMENT  
2300 NORTH JOG ROAD, 4th FLOOR  
WEST PALM BEACH, FLORIDA 33411-2743  
(561) 233-2400

Date:	
By:	
Revision:	
No.:	
Scale:	1" = 20'
Approved:	ERM
Drawn:	CLJ
Checked:	JT
Date:	9/15/2014
Field Book No.:	

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Project:  
**NORTH JUPITER FLATWOODS  
NATURAL AREA**  
HYDROLOGIC RESTORATION PROJECT  
ENLARGED PLAN

Sheet:  
**5**  
OF 5