DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
2170 SW Canal Street
Stuart, FL 34997

REPLY TO
ATTENTION OF

22 OCT 2007

Regulatory Division
Special Projects and Enforcement Branch
SAJ-2007-5749(NW-AAZ)

Florida Department of Transportation, District 4
Attn: Georgi Celusnek
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

Dear Ms. Celusnek:

Your application for a Department of the Army permit received on September 12, 2007, has been assigned number SAJ-2007-5749(NW-AAZ). A review of the information and drawings provided shows the proposed work is to maintenance dredge the canal/ditch bottom and stabilize the shoreline in the Stub Canal and Ramp F Ditch in the City of West Palm Beach. The project includes the installation of a box culvert in Ramp F Ditch. The first 200 linear feet of Ramp F Ditch, just north of Belvedere Road, would be replaced with a 5-foot by 7-foot box culvert that would connect to the existing box culvert under Belvedere Road. Approximately 630 linear feet of Ramp F Ditch, which currently serves as the outfall ditch for the treated stormwater overflow from the I-95 stormwater management system, will be re-graded and stabilized with an 8-inch filterpoint fabric formed concrete revetment. At the end of the Ramp F Ditch, approximately 80 linear feet of the Stub Canal will be re-graded and stabilized with an 8-inch filterpoint fabric formed concrete revetment. Approximately 1049 cubic yards of ditch excavation and 456 cubic yards of Stub Canal excavation are proposed under this project. The ditch and the canal do not support seagrasses or aquatic vegetation, nor are they accessible to the manatee. The project is located adjacent to Belvedere Road adjacent to Interstate 95 in Section 28, Township 43 South, Range 43 East, Palm Beach County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Numbers 3, 7, and 13. In addition, project specific conditions have been enclosed. This

verification is valid until 22 OCT 2009. Please access the U.S. Army Corps of Engineers' Jacksonville District's Regulatory web address at http://www.saj.usace.army.mil/permit/permitting/nwp.htm to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register Vol. 72, dated May 8, 2007, and the List of Regional Conditions. These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 3, 7, and 13. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Enforcement Section, Post Office Box 4970, Jacksonville, Florida 32232-0019.

2. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Permittee or other party on the Permittee's behalf, shall conduct a search in the National Register Information System (NRIS). Information can be found at;

http://www.cr.nps.gov/nr/research/nris.htm. Information on properties eligible for inclusion in the National Register can be identified by contacting the Florida Master File Office by email at fmsfile@dos.state.fl.us or by telephone at 850-245-6440.

If unexpected cultural resources are encountered at any time within the project area that was not the subject of a previous cultural resource assessment survey, work should cease in the immediate vicinity of such discoveries. The permittee, or other party, should notify the SHPO immediately, as well as the appropriate Army Corps of Engineers office. After such notifications, project activities should not resume without verbal and/or written authorization from the SHPO.

If unmarked human remains are encountered, all work shall stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statutes, unless on Federal lands. After such notifications, project activities on non-Federal lands shall not resume without verbal and/or written authorization from the Florida State Archaeologist for finds under his or her jurisdiction.

4. Reduction and/or elimination of turbid water conditions in adjacent water bodies and wetlands are to be achieved through the use of silt curtains or turbidity screens in the construction area during periods of fill placement.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under §. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for the use of sovereignty submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your

site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Alisa Zarbo by telephone at 772-219-8418, by fax at 772-219-9162 or by email at Alisa.A.Zarbo@saj02.usace.army.mil.

This letter contains an approved jurisdictional determination. Enclosed you will find the approved jurisdictional determination form and a Notification of Appeal Process fact sheet and Request for Appeal (RFA) form. If you object to this determination, you may request an administrative appeal under Corps' regulations at 33 CFR Part 331. If you request to appeal this determination, you must submit a completed RFA form to the South Atlantic Division Office at the following address:

Mr. Michael F. Bell
South Atlantic Division
U.S. Army Corps of Engineers
CESAD-CM-CO-R, Room 9M15
60 Forsyth St., SW.
Atlanta, Georgia 30303-8801.

Mr. Bell can be reached by telephone number at 404-562-5137, or by facsimile at 404-562-5138.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division office within 60 days of the date of the RFA. Should you decide to submit an RFA form, it must be received at the above address by _____.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit

the following link and complete our automated Customer Service Survey: http://per2.nwp.usace.army.mil/survey.html. Your input is appreciated - favorable or otherwise.

Sincerely,

Bob Barron
for Paul L. Grosskruger
Colonel, U.S. Army
District Engineer

Enclosures

Copies Furnished:
CESAJ-RD-PE

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW 3, 7, and 13
Application Number: SAJ-2007-5749

Permittee's Name & Address (please print or type):_____

_____

_____

Telephone Number:_____

Location of the Work:_____

_____

Date Work Started:_____ Date Work Completed:_____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.):_____

_____

_____

Acreage or Square Feet of Impacts to Waters of the United States:

_____

Describe Mitigation completed (if applicable):_____

_____

_____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations): _____

_____

****

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

_____
Signature of Permittee

_____
Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2007-5749

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

_____ _____
(TRANSFEREE-SIGNATURE) (SUBDIVISION)

_____ _____ _____
(DATE) (LOT) (BLOCK)

_____ _____
(NAME-PRINTED) (STREET ADDRESS)

_____

_____
(MAILING ADDRESS)

_____
(CITY, STATE, ZIP CODE)

GENERAL CONDITIONS
33 CFR PART 320-330
PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on **date identified in the letter**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow a representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
3	TYPICAL SECTION
11-12	PLAN
13	DRAINAGE STRUCTURE SHEET
14	PROFILE
15-21	CROSS SECTIONS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2008,
AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

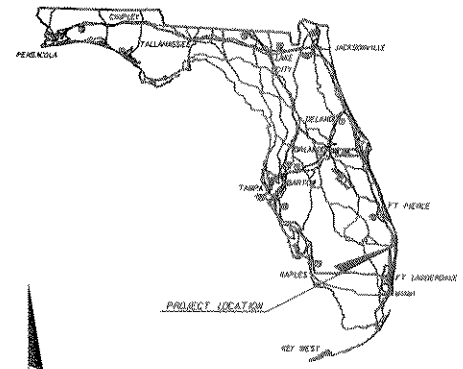
APPLICABLE DESIGN STANDARDS MODIFICATIONS: 07-01-07
For Design Standards Modifications click on "Design Standards" at the following web site:
http://www.dot.state.fl.us/rddesign/

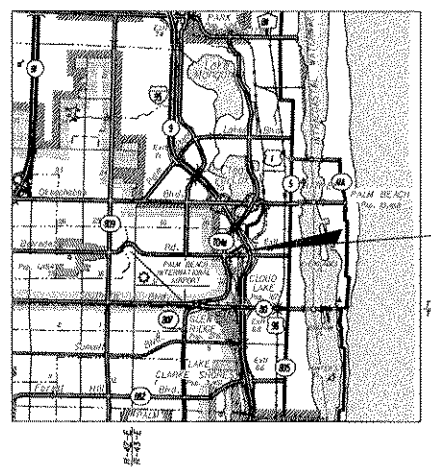
REVISIONS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 231878-5-52-01
PALM BEACH COUNTY (93220)
STATE ROAD NO. 9
WEST PALM BEACH
RAMP F DITCH EROSION CONTROL IMPROVEMENTS





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0 1 2
Miles

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

CHRIS JACKSON, PE
REYNOLDS, SMITH AND HILLS INC.
3125 W. COMMERCIAL BLVD. - SUITE 130
FORT LAUDERDALE, FLORIDA 33309-3446

PLANS PREPARED BY:

REYNOLDS, SMITH AND HILLS INC.
3125 W. COMMERCIAL BLVD. - SUITE 130
FORT LAUDERDALE, FLORIDA 33309-3446
TEL. (954) 474-3005
FAX (954) 474-3006
CONTRACT NO. C-5618
VENDOR NO. F59-2856466
FL. CERTIFICATE NO. EB0005820

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

PROJECT LENGTH IS BASED ON ℄ OF EXISTING DITCH

LENGTH OF PROJECT		
	LINEAR FEET	MILES
CANAL	720	0.136
BOX CULVERT	200	0.138
NET LENGTH OF PROJECT	920	0.174
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	920	0.174

FDOT PROJECT MANAGER: JOHN THOMPSON, PE

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: CHRISTIAN B. JACKSON, PE

P.E. NO.: 61898

FISCAL YEAR	SHEET NO.
09	1

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01		
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH		
TWP: 43S RNG: 43E	SIGNATURE:	EPD	CG	SHEET No.: 1
SEC: 28	CERTIFICATE No.: 61898 DATE: 8/28/2007	COE X	WMD	DATE: 8/28/2007

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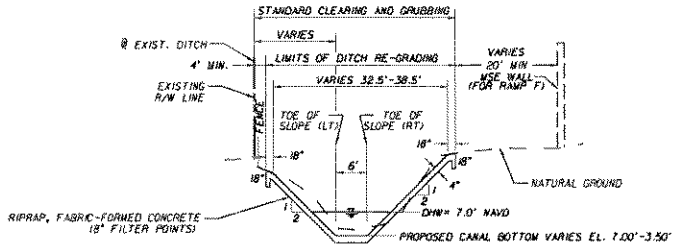
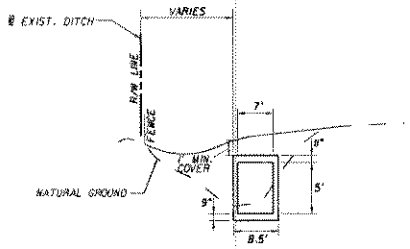
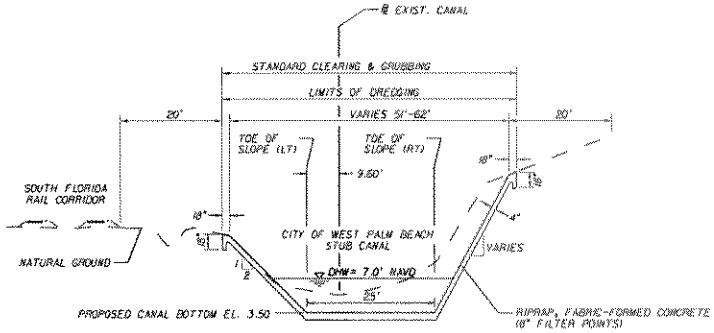


RAMP F DITCH
STA. 102+00.00 TO STA. 108+30.00
NOT TO SCALE



5' x 7' BOX CULVERT
STA. 100+00.00 TO STA. 102+00.00
NOT TO SCALE



STUB CANAL
STA. 18+20.00 TO STA. 19+00.00
NOT TO SCALE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

TYPICAL SECTION

SHEET NO. 3

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01		
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH		
TWP: 43S RNG: 43E	SIGNATURE:	EPD	CG	SHEET No.: 2
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X	WMD	DATE: 9/10/2007

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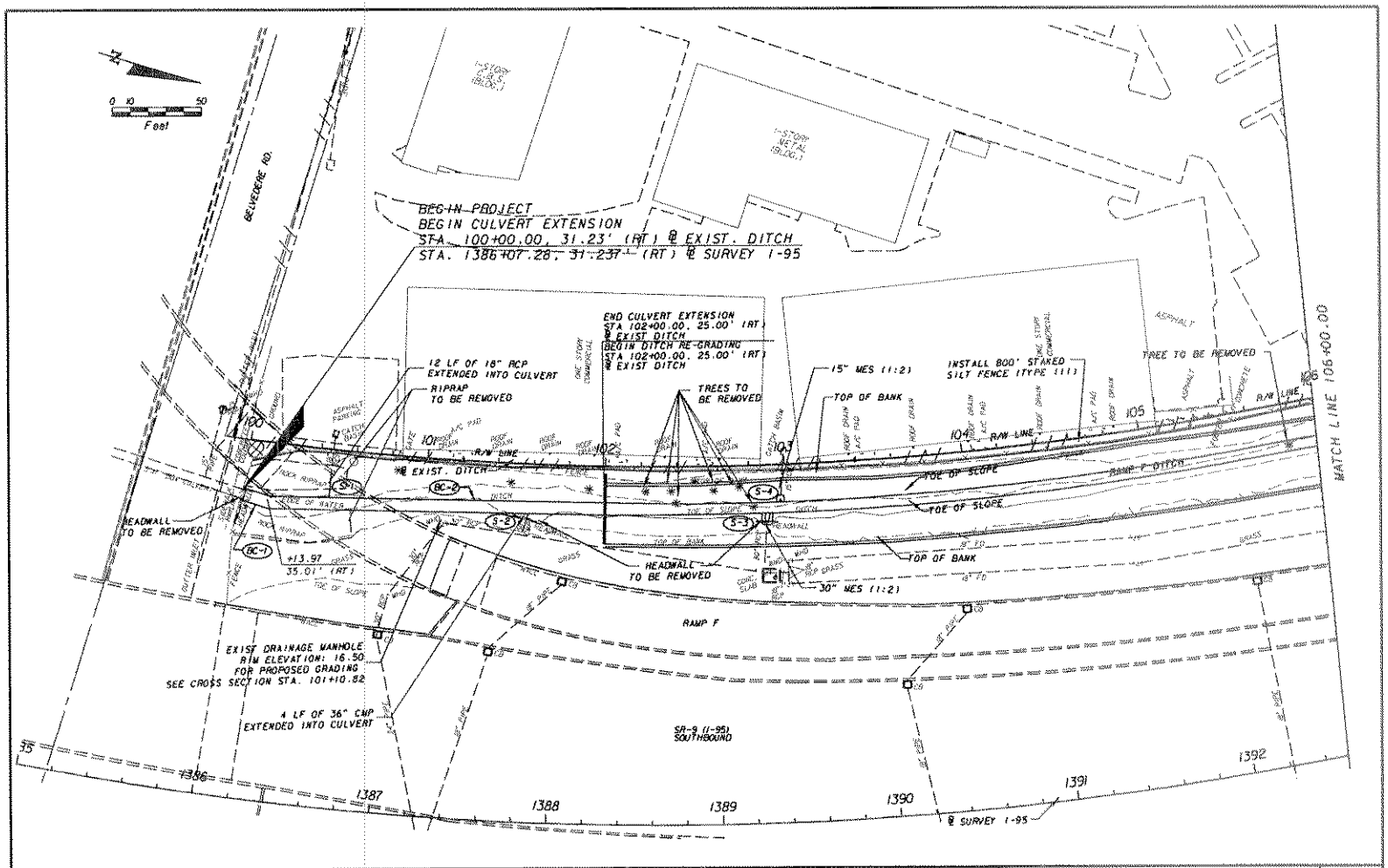

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS·H
Reynolds, Smith and Hills, Inc.
2100 N. Commerce Blvd. - Suite 130
Fort Lauderdale, Florida 33309-3249
954 474-3266
FL Cert. No. 00000609
Christian B. Jackson, P.E. No. 61898

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

PLAN

SHEET NO. 11

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9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 3
SEC: 28	CERTIFICATE No.: 61898 DATE: 8/29/2007	COE X / WMD / DATE: 8/29/2007

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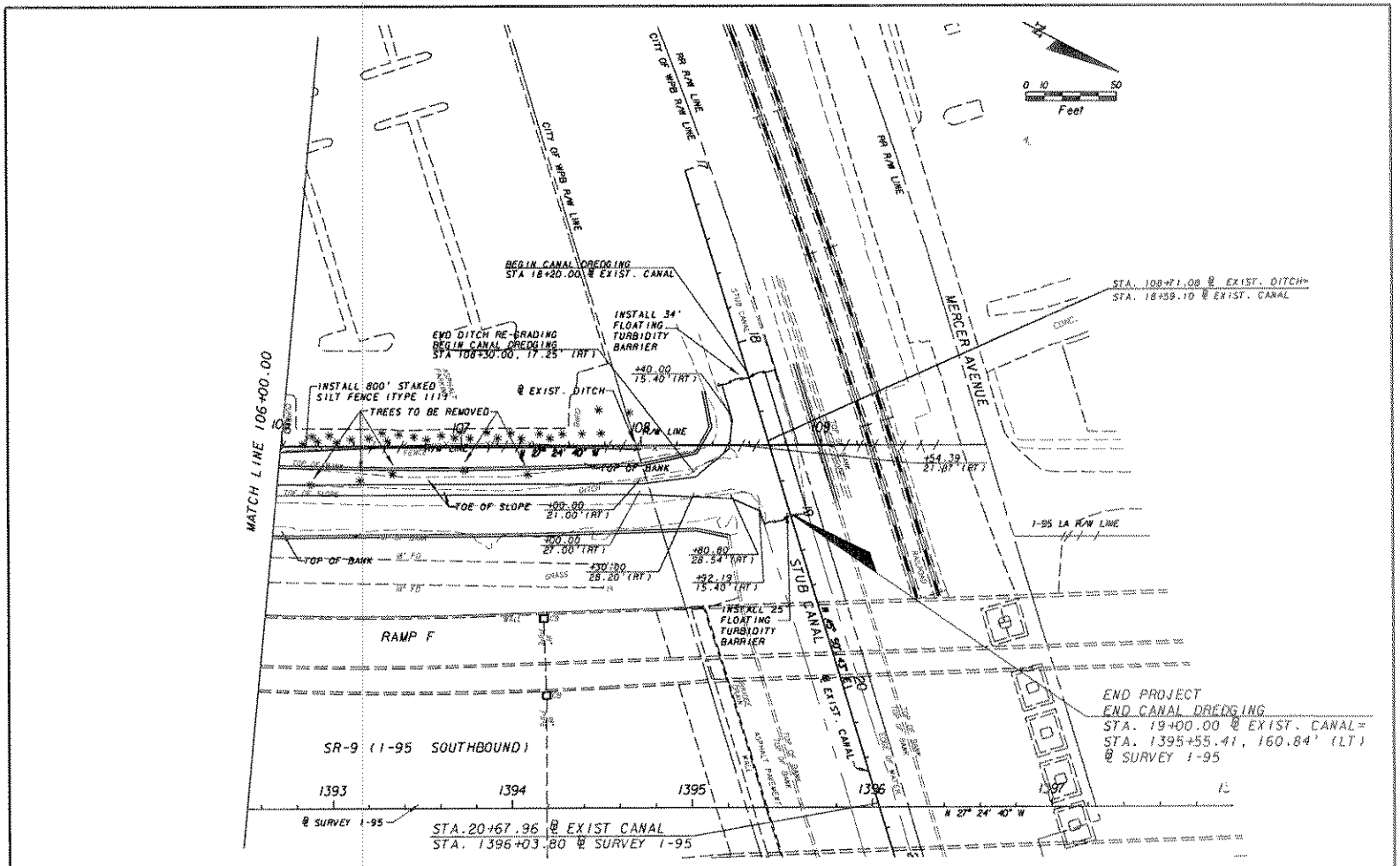

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS·H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

PLAN

SHEET NO. 12

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 4
SEC: 28	CERTIFICATE No.: 61898 DATE: 8/29/2007	COE X / WMD / DATE: 8/29/2007

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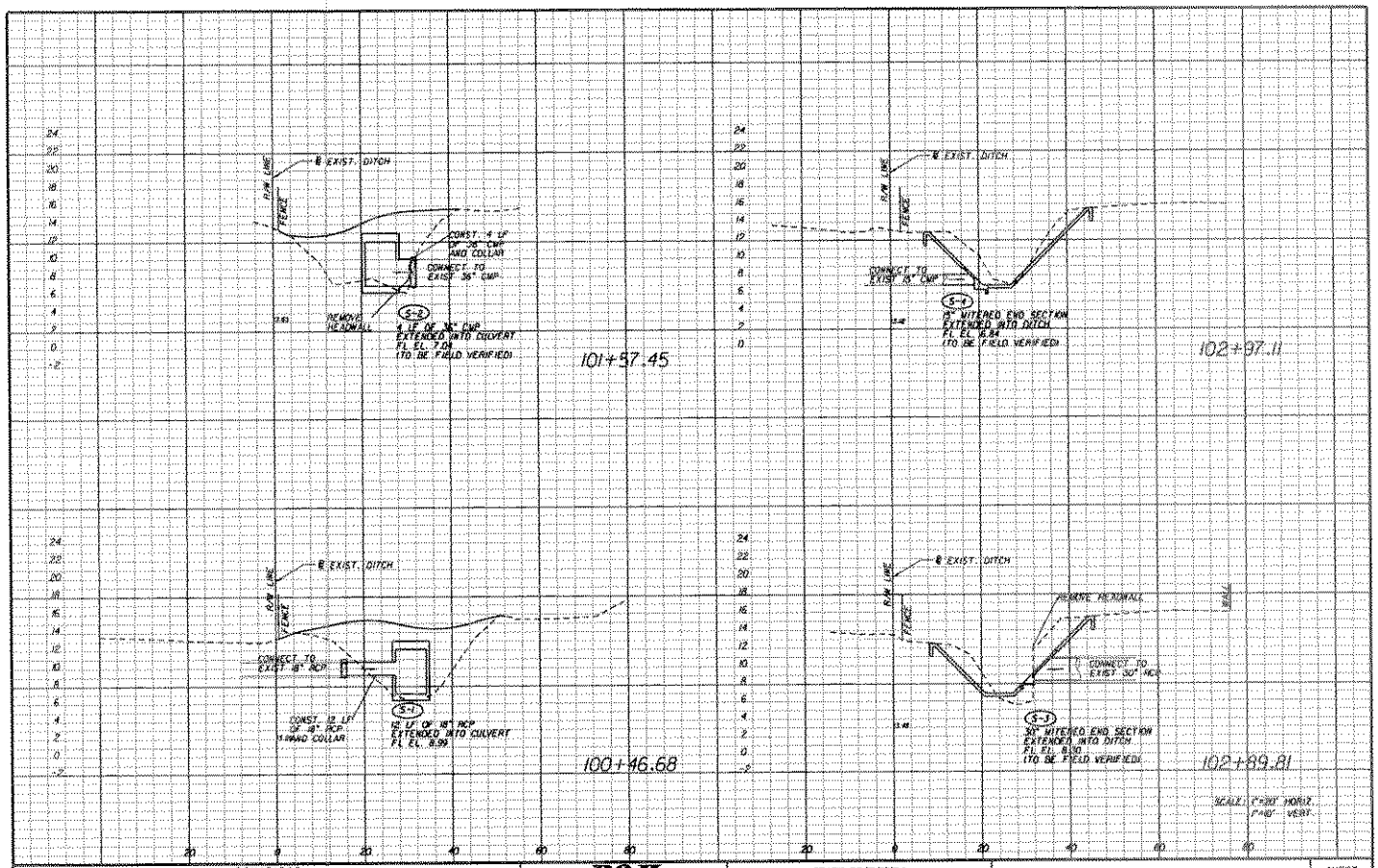

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS·H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

DRAINAGE STRUCTURES

SHEET NO. 13

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	**FLORIDA DEPARTMENT OF TRANSPORTATION**	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 5
SEC: 28	CERTIFICATE No.: 61898 DATE: 8/29/2007	COE X / WMD / DATE: 8/29/2007

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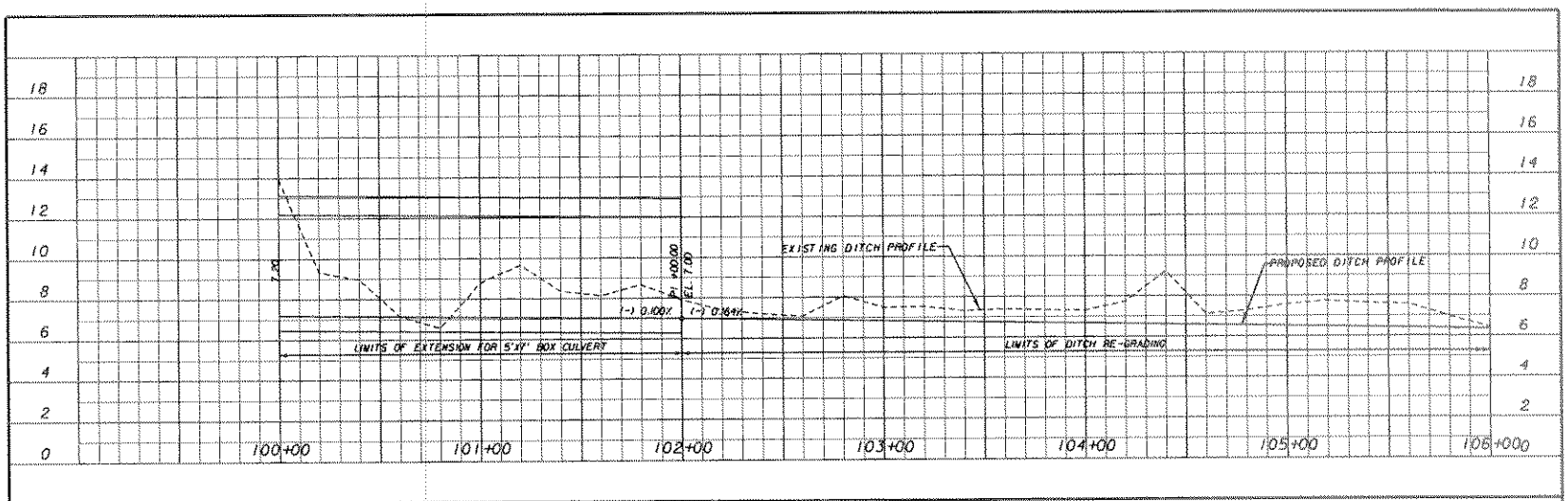

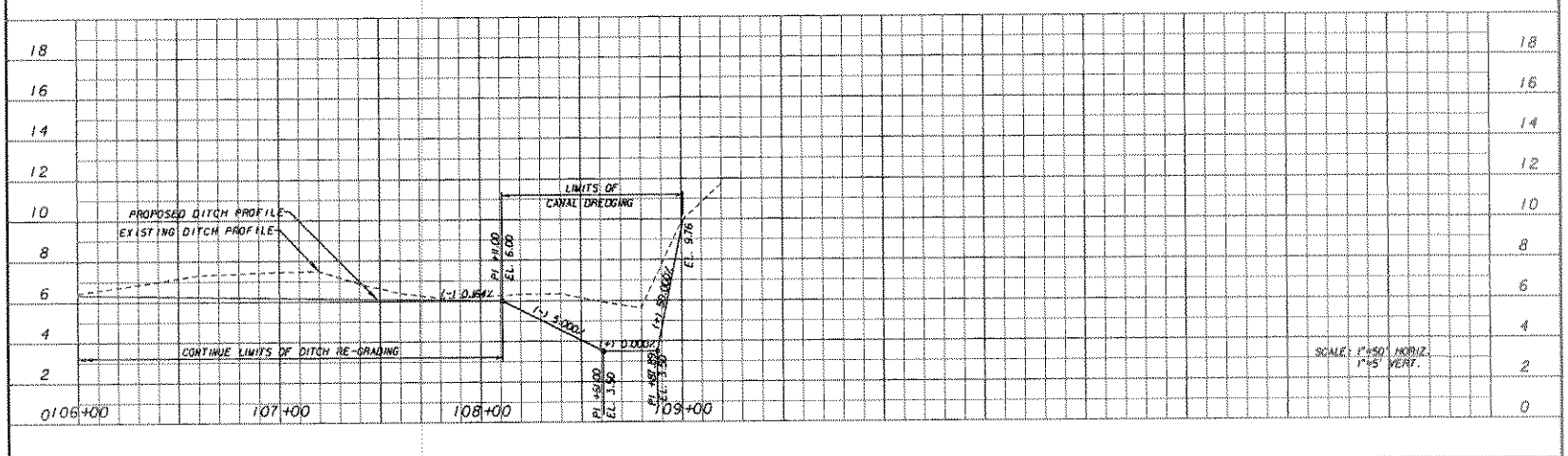

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

PROFILE

SHEET NO. 14

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	**FLORIDA DEPARTMENT OF TRANSPORTATION**	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 6
SEC: 28	CERTIFICATE No.: 61898 DATE: 8/28/2007	COE X / WMD / DATE: 8/28/2007

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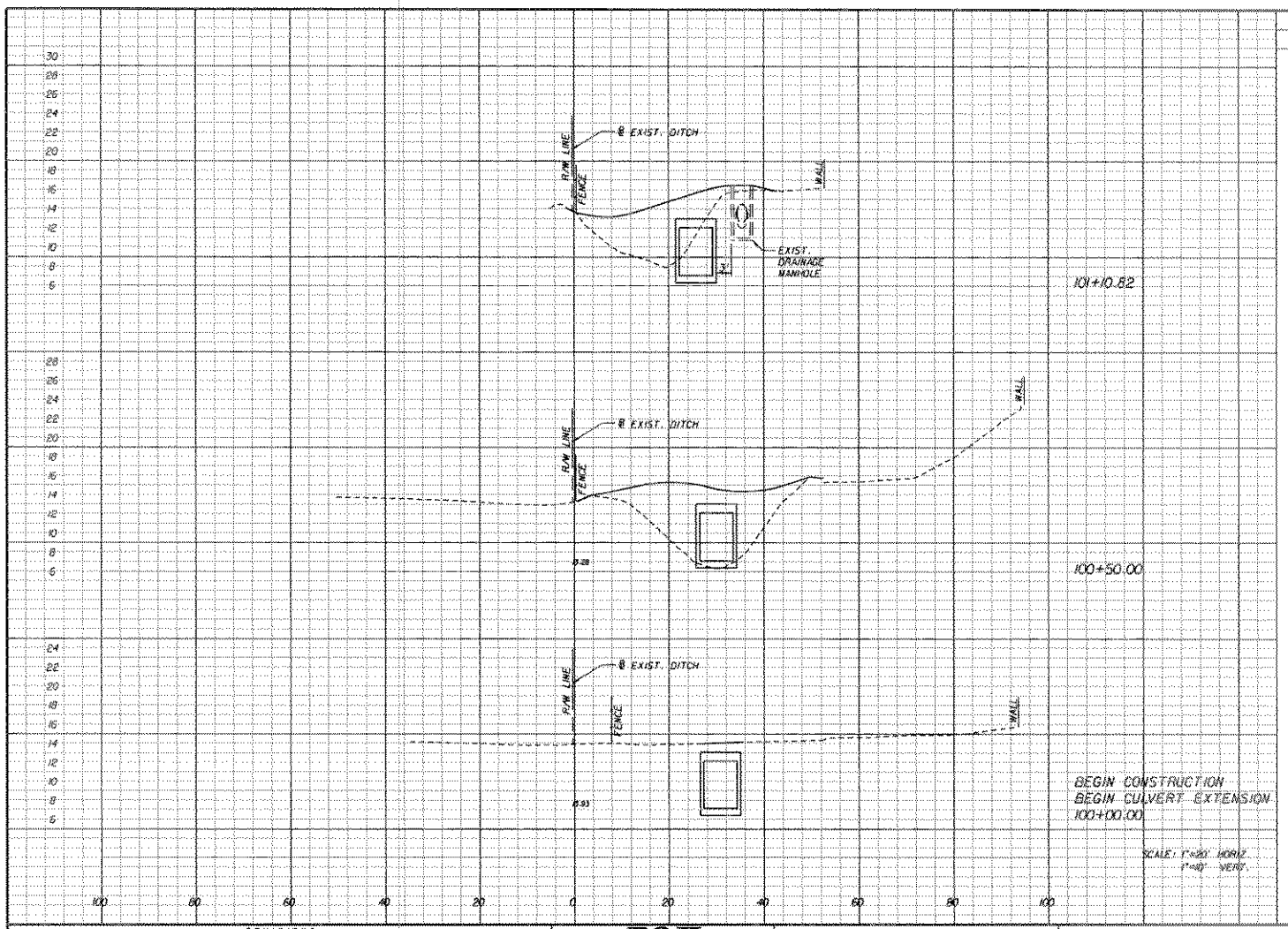

	Ditch Exc.		Embankment	
	A	V	A	V
101+10.82	43	38	100	285
100+50.00	2	63	142	131
BEGIN CONSTRUCTION BEGIN CULVERT EXTENSION 100+00.00	65	0	0	0

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS·H
Reynolds, Smith and Hills, Inc.
9125 W. Commercial Blvd. - Suite 100
Fort Lauderdale, Florida 33309-3448
954-474-0336
FL Cert. No. 00000486
Christian B. Jackson, PE. No. 61898

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 15

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9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 7
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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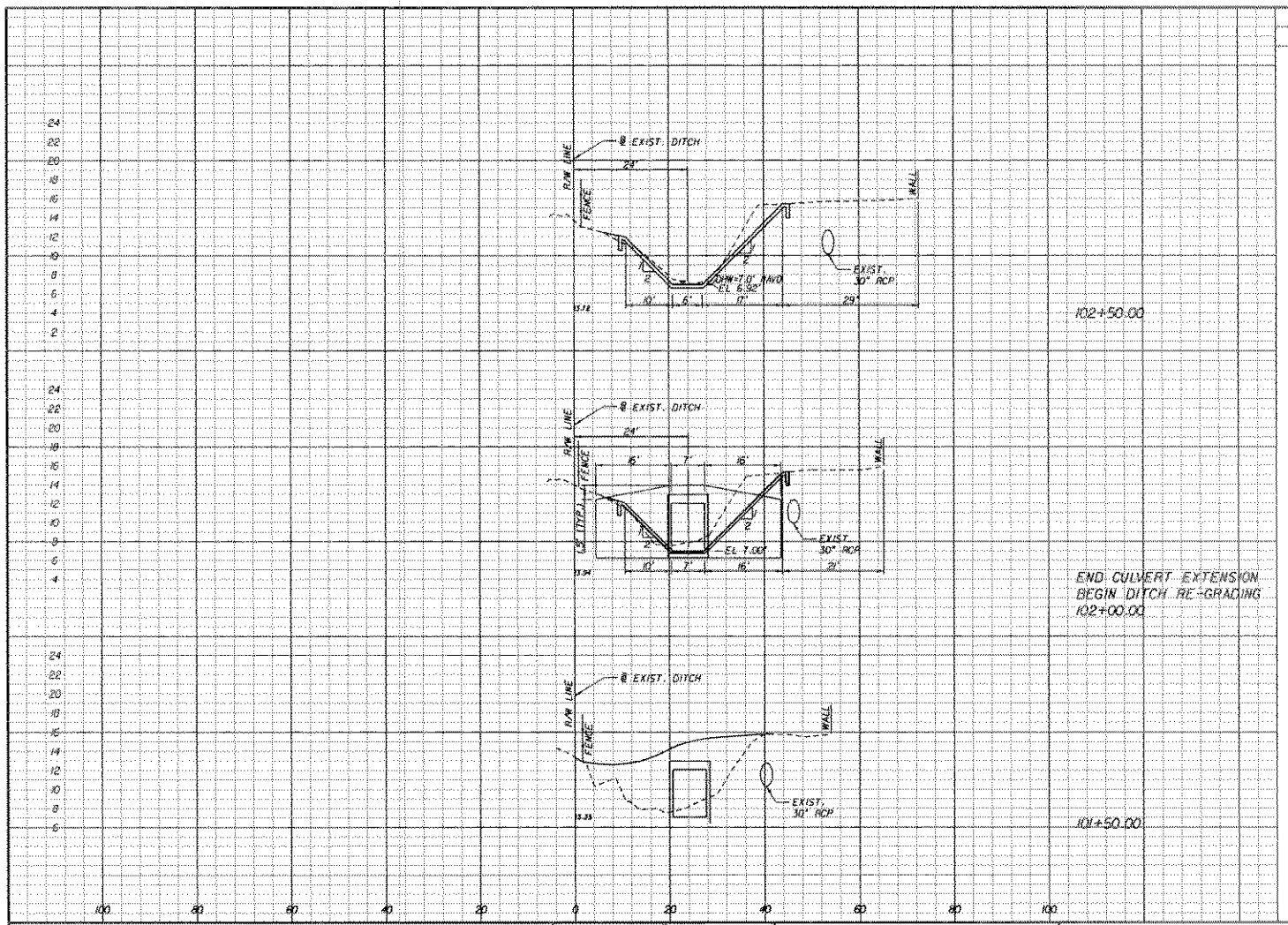

Ditch Exc. A	Ditch Exc. V	Embankment A	Embankment V
35	72	2	5
43	55	4	111
17	44	116	165

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 16

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 8
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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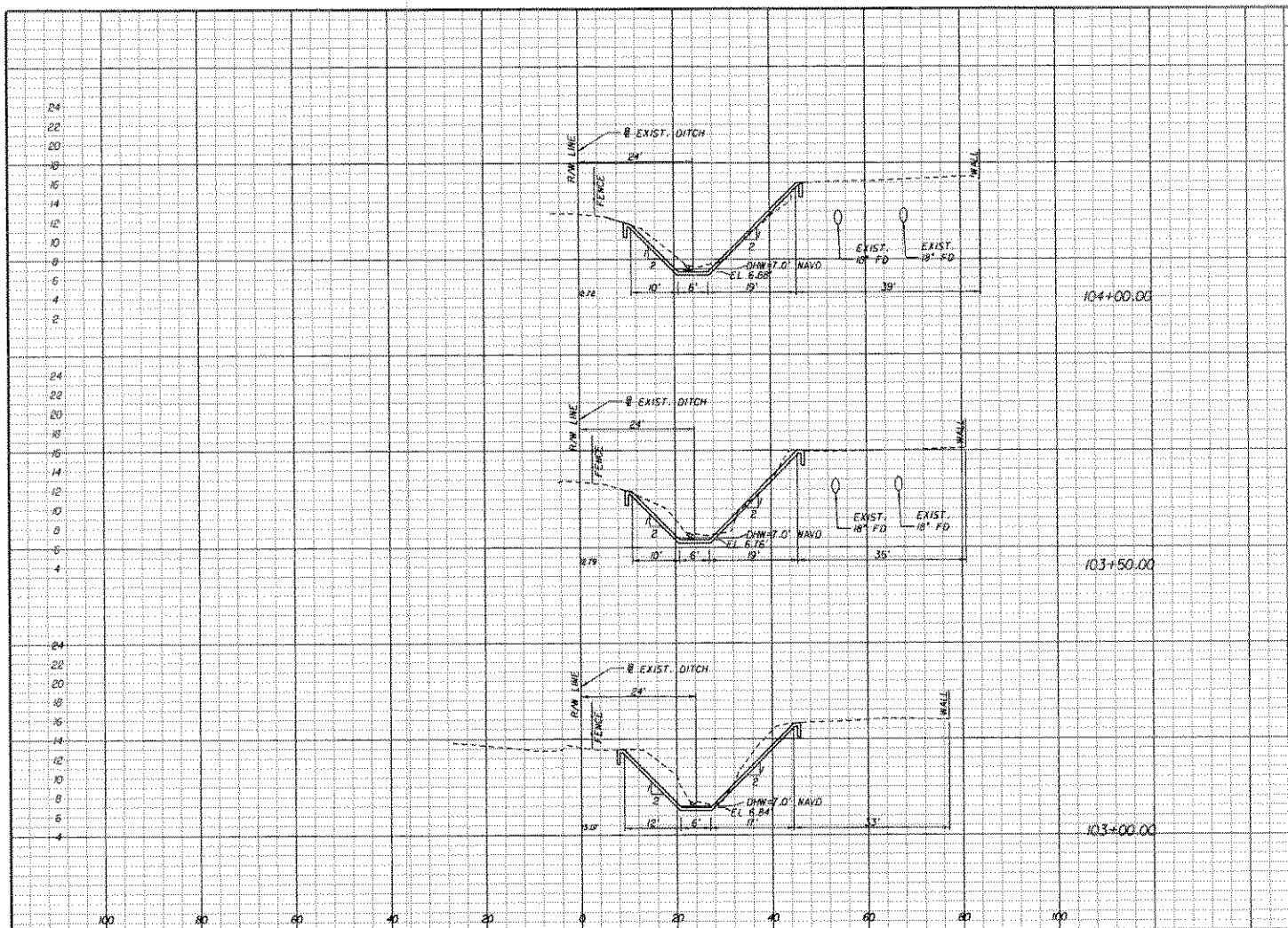

Ditch Exc. A	Ditch Exc. V	Embankment A	Embankment V
24	61	3	4
30	82	2	2
58	86	0	1

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 17

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 9
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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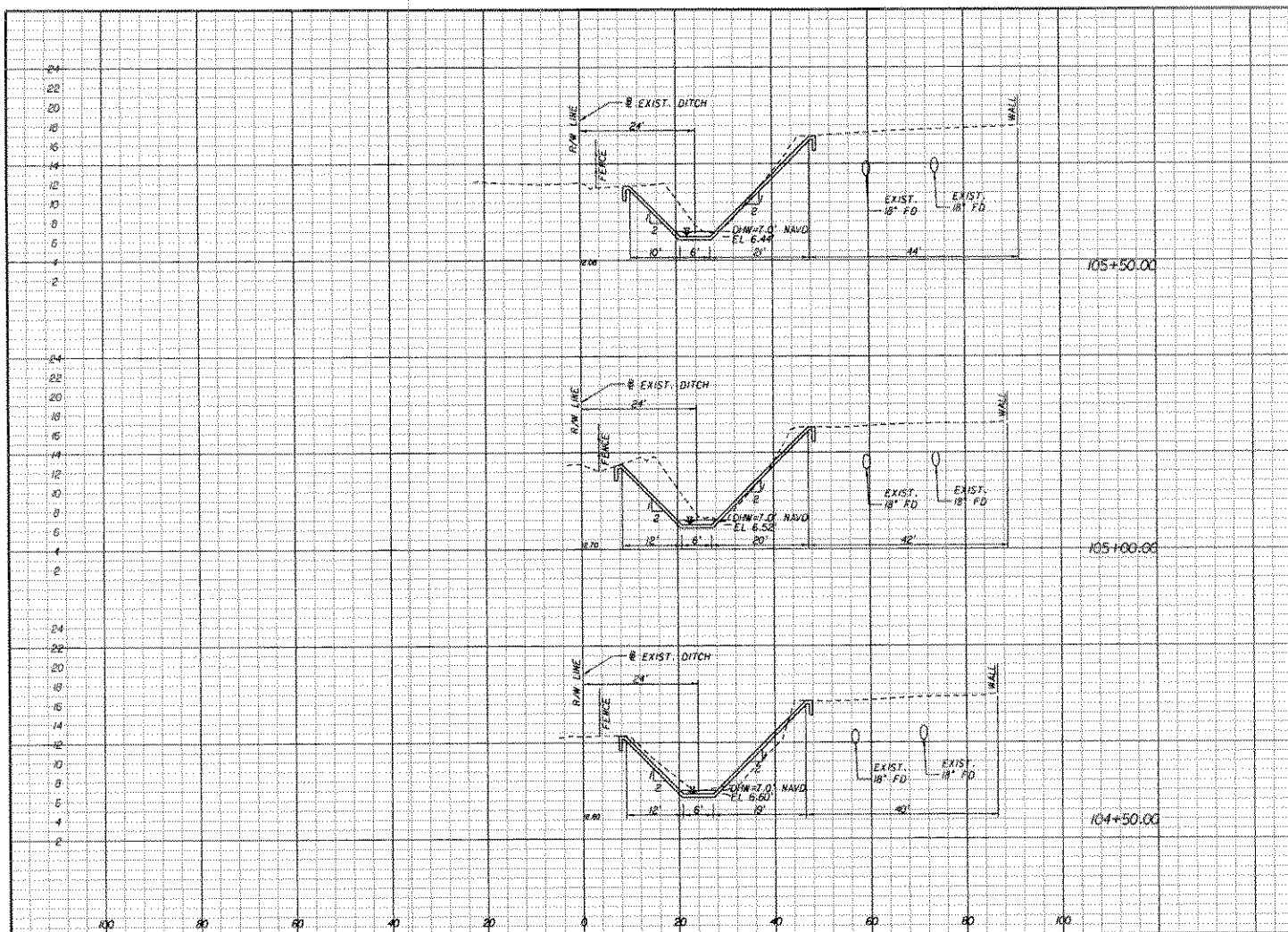

Ditch Exc. A	Ditch Exc. V	Embankment A	Embankment V
57	113	1	1
65	85	3	15
26	47	13	15

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 18

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 10
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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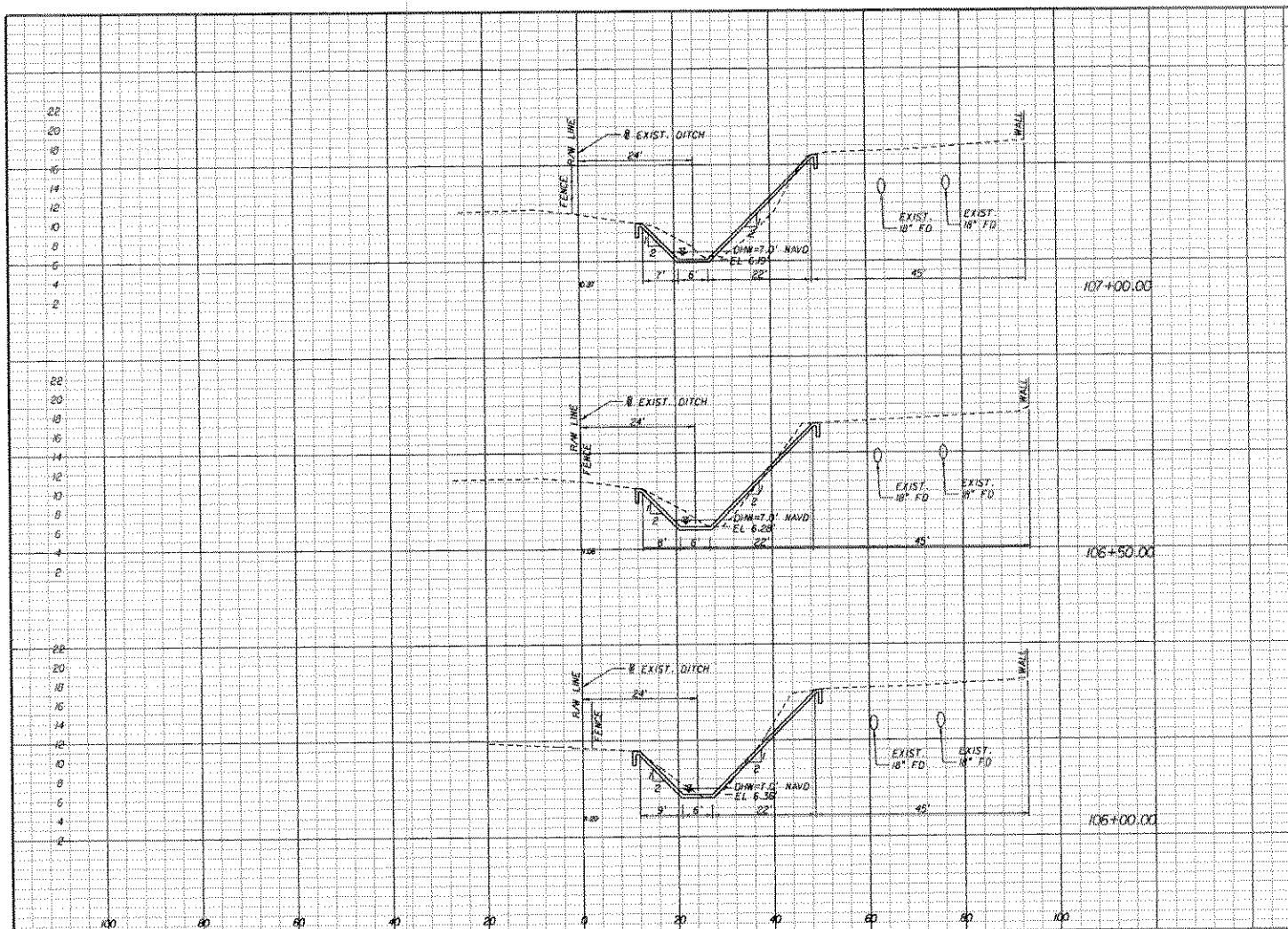

Ditch Exc. A	Ditch Exc. V	Embankment A	Embankment V
25	43	19	34
30	58	5	5
33	83	1	1

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 19

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	FLORIDA DEPARTMENT OF TRANSPORTATION	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 11
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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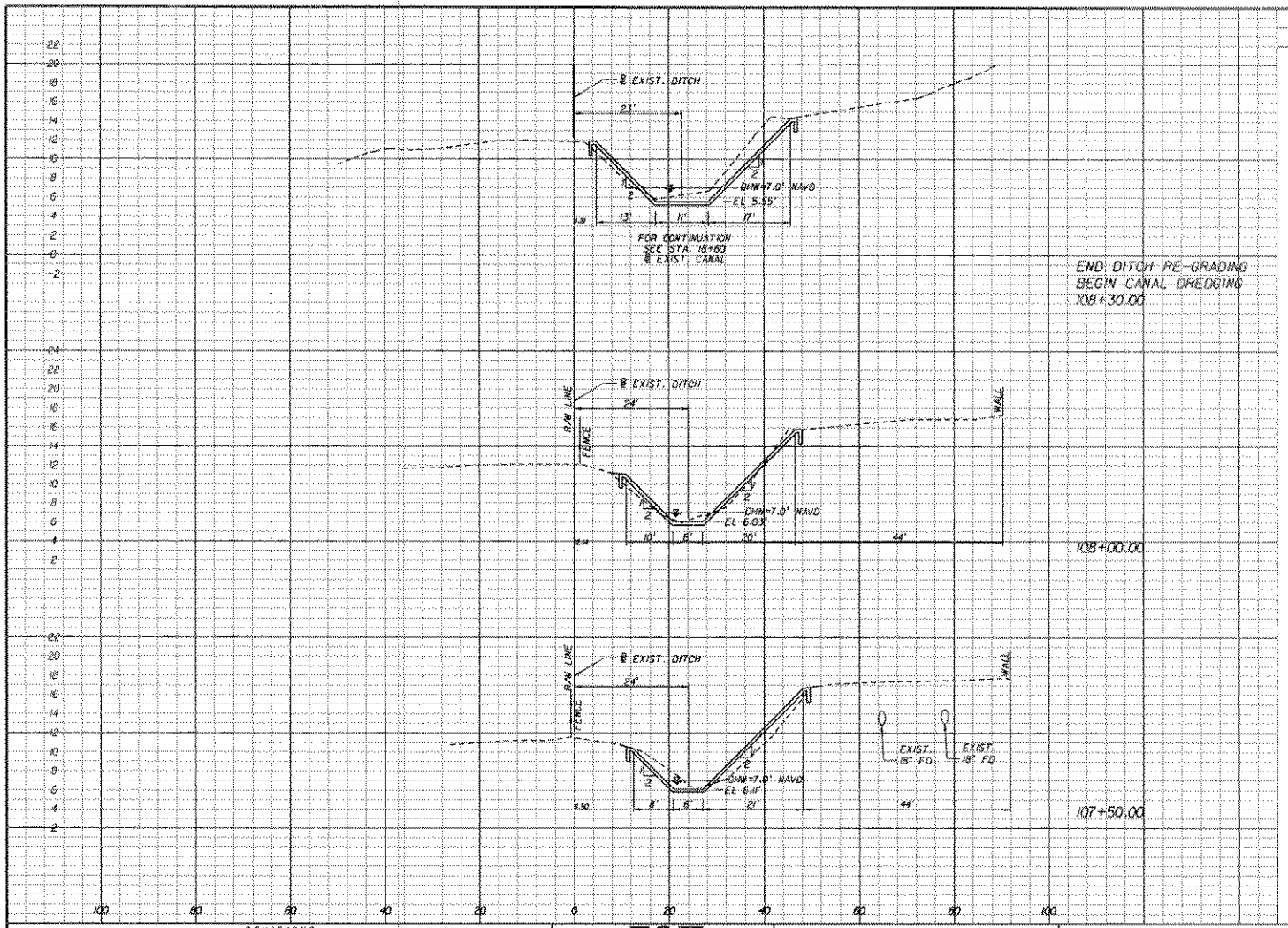

Ditch Exc. A	Ditch Exc. V	Embankment A	Embankment V
49	34	6	7
13	31	7	24
21	43	19	34

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 20

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS	**FLORIDA DEPARTMENT OF TRANSPORTATION**	PROJECT I.D. No.: 231878-5-52-01
	NAME: CHRISTIAN B. JACKSON, P.E.	COUNTY: PALM BEACH
TWP: 43S RNG: 43E	SIGNATURE:	EPD / CG / SHEET No.: 12
SEC: 28	CERTIFICATE No.: 61898 DATE: 9/10/2007	COE X / WMD / DATE: 9/10/2007

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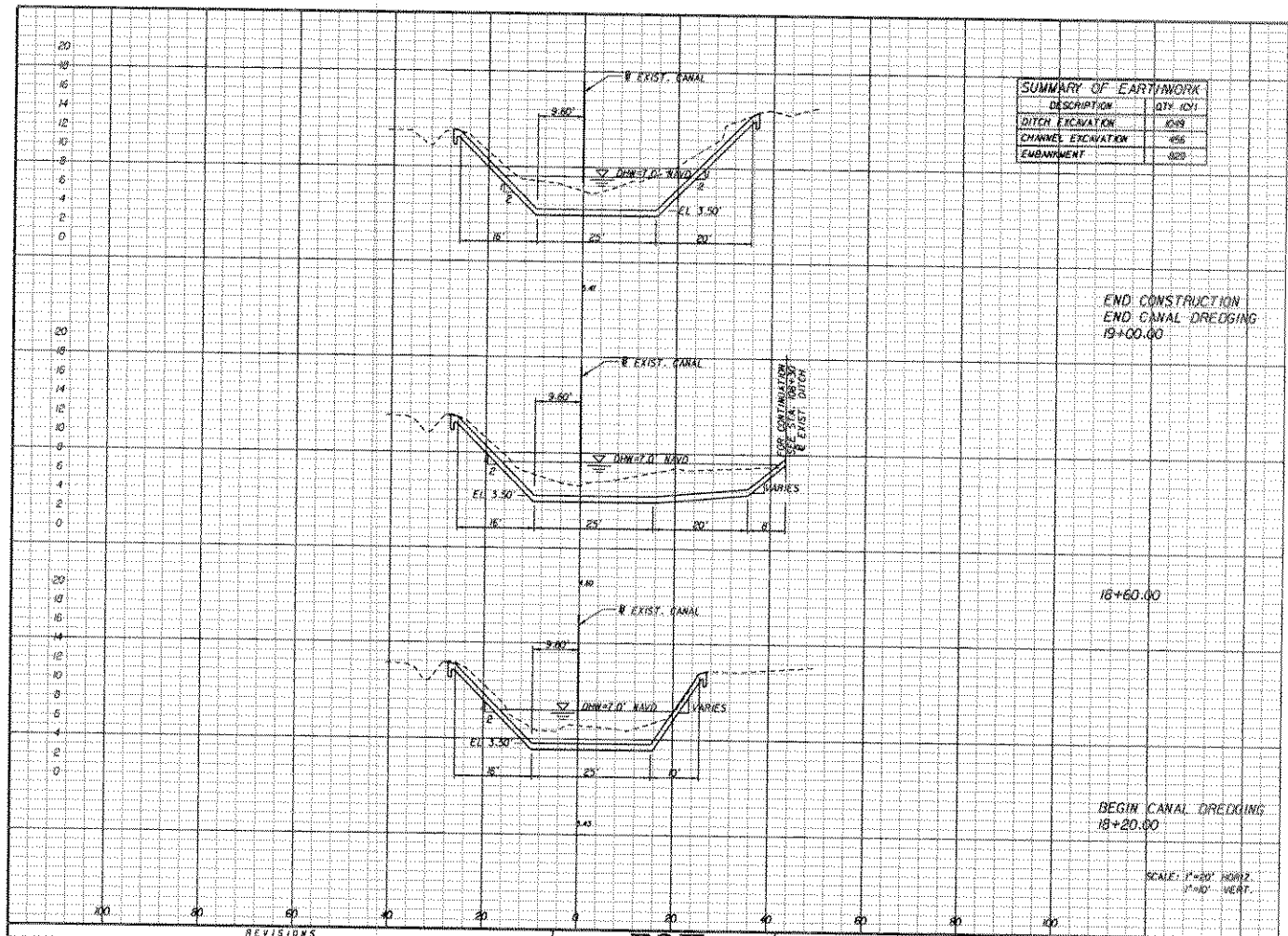

SUMMARY OF EARTHWORK	
DESCRIPTION	QTY (CY)
DITCH EXCAVATION	1049
CHANNEL EXCAVATION	456
EMBANKMENT	820

Channel Exc. A	Channel Exc. V	Embankment A	Embankment V
168	278	0	0
162	178	0	0
103	0	0	0

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

RS&H
Reynolds, Smith and Hills, Inc.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
9	PALM BEACH	231878-5-52-01

CROSS SECTIONS

SHEET NO. 21

9/11/07

PROJECT DESCRIPTION: RAMP F DITCH EROSION CONTROL IMPROVEMENTS

TWP: 43S RNG: 43E

SEC: 28

FLORIDA DEPARTMENT OF TRANSPORTATION

NAME: CHRISTIAN B. JACKSON, P.E.

SIGNATURE:

CERTIFICATE No.: 61898 DATE: 9/10/2007

PROJECT I.D. No.: 231878-5-52-01

COUNTY: PALM BEACH

EPD	CG	SHEET No.: 13
COE X	WMD	DATE: 9/10/2007

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