



US Army Corps
Of Engineers
Wilmington District

PUBLIC NOTICE

Issue Date: November 15, 2007
Comment Deadline: December 17, 2007
Corps Action ID #: SAW-2007-00902-043

The Wilmington District, Corps of Engineers (Corps) has received an application from Jimmy Pierce seeking Department of the Army authorization to impact 1.396 acres of wetlands and 606 linear feet of stream for the construction of roads and the installation of utility lines to serve the proposed Lexington Plantation residential subdivision located near Spout Springs, Harnett County, North Carolina.

Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at www.saw.usace.army.mil/wetlands

Applicant: Mr. Jimmy Pierce
Post Office Box 2191
Surf City, North Carolina 28445

AGENT (if applicable): Mr. Jason Godwin
Enoch Engineers, PA
1403 NC Highway 50 South
Benson, North Carolina 27504

Authority

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures of Section 404 of the Clean Water Act (CWA).

Location

The project is adjacent to Rice Patch Branch and an unnamed tributary of Reedys Swamp and is located off of NC Highway 87 between Nursery Road and Plantation Drive, southwest of Spout Springs, Harnett County, North Carolina (latitude 35.26095 and longitude -79.02348).

Rice Patch Branch and Reedys Swamp are tributaries of Jumping Run Creek, a tributary of the Little River, a tributary of the Cape Fear River, which is a navigable water of the United States.

Existing Site Conditions

The Spout Springs community is a mix of residential single and multi-family housing, commercial development and undeveloped tracts of land located north of Fort Bragg, NC. Phase 1 of the proposed Lexington Plantation subdivision, currently referred to as "The Gate at Lexington", is presently being developed in the upland areas of the project area. Phase 1 of "The Village at Lexington" is currently being developed in the upland areas of the project area.

The project area is approximately 285 acres of mostly a Pine/ Scrub Oak Sandhill community (Shafale and Weakley, 1990) with a ridge and swale type landscape. The wetlands located throughout the project area are mainly linear seeps and riparian wetlands located along the small perennial streams located in the project area.

According to the United States Department of Agriculture Soil Survey of Harnett County, the wetlands within the site consist of Roanoke silt loam, a poorly drained soil, generally found in low lying drainage ways, and Bibb soils, a poorly drained soil, locally found in flood prone areas of the Coastal Plains. The wetlands present onsite support vegetation consisting of swamp black gum (*Nyssa biflora*), pond pine (*Pinus serotina*), red maple (*Acer rubrum*), tulip poplar (*Liriodendron tulipifera*), switch cane (*arundinaria tecta*), giant cane (*Arundinaria gigantea*), and a few species of moss.

Upland soils are classified as Gilead loamy sand, a moderately well drained soil, generally found on ridges of the upper Coastal Plains, and Blaney sand, a well drained soil, commonly occurring on side slopes of ridges in the upper Coastal Plains. Upland vegetation consists of a mix of longleaf pine (*Pinus palustris*), loblolly pine (*Pinus taeda*), blackjack oaks (*Quercus marilandica*), various scrubby oaks, and wiregrass (*Aristida stricta*).

Surrounding land use currently consists of scattered undeveloped, wooded residential parcels, single family housing, and commercial development. The project area is known as Reedys Swamp Longleaf Forest by North Carolina Natural Heritage Program. The areas west of the project area are single family housing subdivisions. Northeast of the project area is Reedys Swamp. Northwest of the project area are single family residential subdivisions. South of the project area consist of single family subdivisions, and single lot homes.

Applicant's Stated Purpose

The purpose of the project is to provide paved road access to single lot residential homes and multi-unit condominium homes that are influenced by Fort Bragg's economy and other local community's populations and economical growth.

Project Description

This proposed project is known as Lexington Plantation with two phases known as The Village at Lexington and The Gate at Lexington. The development planned for The Village at Lexington is a mix of single lot residential and multi-unit condominium homes. The development planned for The Gate at Lexington is single lot residential. The proposed project will consist of the construction of several multi-unit buildings, roads, parking areas, and the installation of utility lines (water and sewer).

The applicant proposes to discharge fill material into 1.396 acres of wetlands and 606 linear feet of stream channel for the construction of 10 permanent road crossings and 11 temporary sewer line utility crossings. 0.835 acres of wetlands and 446 linear feet of stream will be permanently impacted by the roads.

In order to mitigate for the proposed impacts to the streams and wetlands, the applicant proposes to make payment to the North Carolina Ecosystem Enhancement Program (NCEEP). The property owners own the remainder of the Reedys Swamp Longleaf Forest, a Significant Natural Heritage of Harnett County, and propose to preserve wetlands in this natural area within and outside of the project area.

Other Required Authorizations

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice combined with appropriate application fee at the North Carolina Division of Water Quality central office in Raleigh will constitute initial receipt of an application for a 401 Water Quality Certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 2321 Crabtree Boulevard, Suite 250, Raleigh, North Carolina 27604-2260, Attention: Ms Cyndi Karoly by December 17, 2007.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The Corps' initial determination is that the proposed project will not adversely impact EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service.

Cultural Resources

The Corps has consulted the latest published version of the National Register of Historic Places and is not aware that any registered properties, or properties listed as being eligible for inclusion therein are located within the project area or will be affected by the proposed work. Presently, unknown archeological, scientific, prehistoric, or historical data may be located within the project area and/or could be affected by the proposed work.

Endangered Species

The Corps has reviewed the project area, examined all information provided by the applicant. Based on available information, the Corps is not aware of the presence of species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. A final determination on the effects of the proposed project will be made upon additional review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service."

Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 11988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

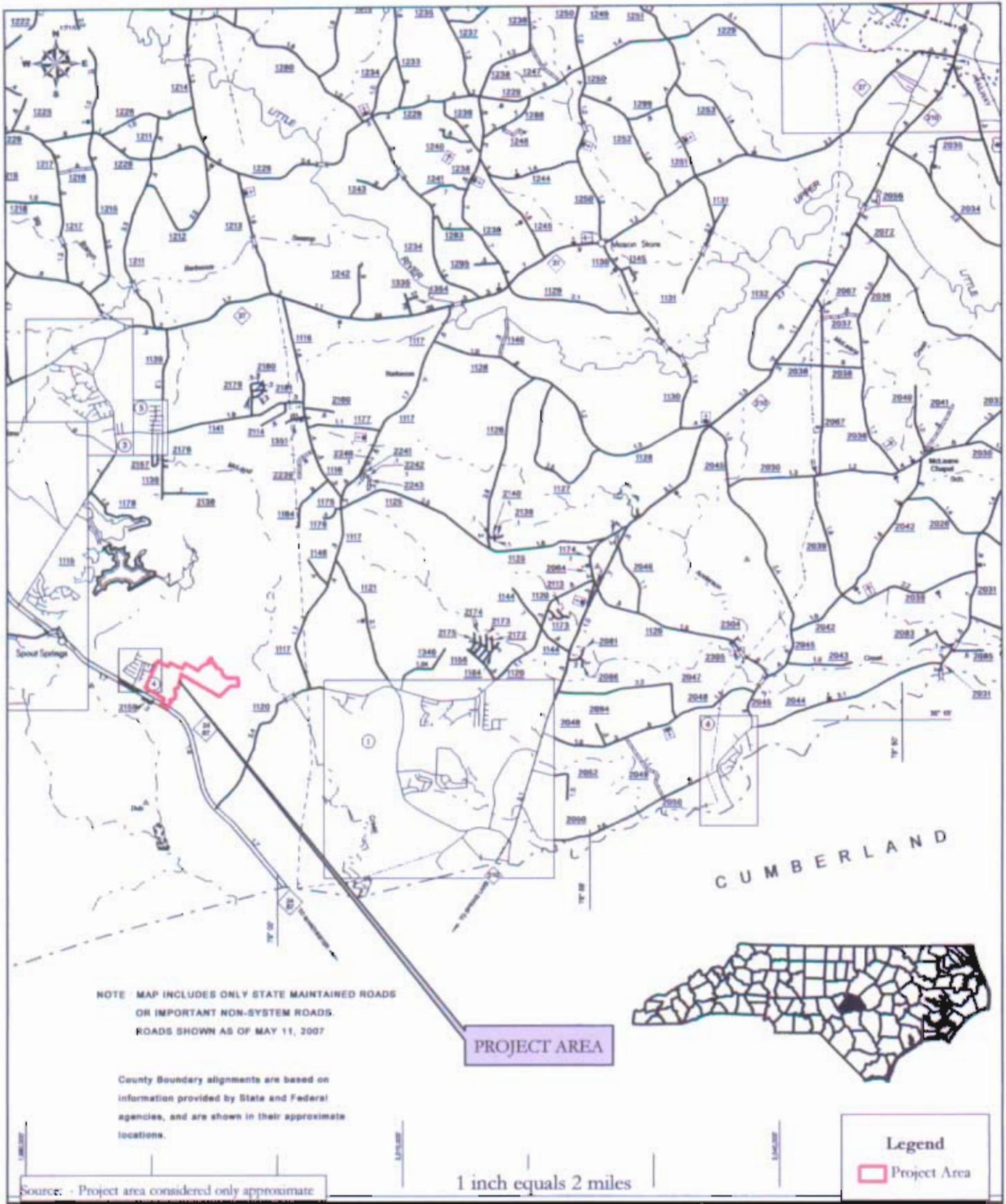
Commenting Information

The Corps of Engineers is soliciting comments from the public; Federal, State and local agencies and officials, including any consolidated State viewpoint or written position of the Governor; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and

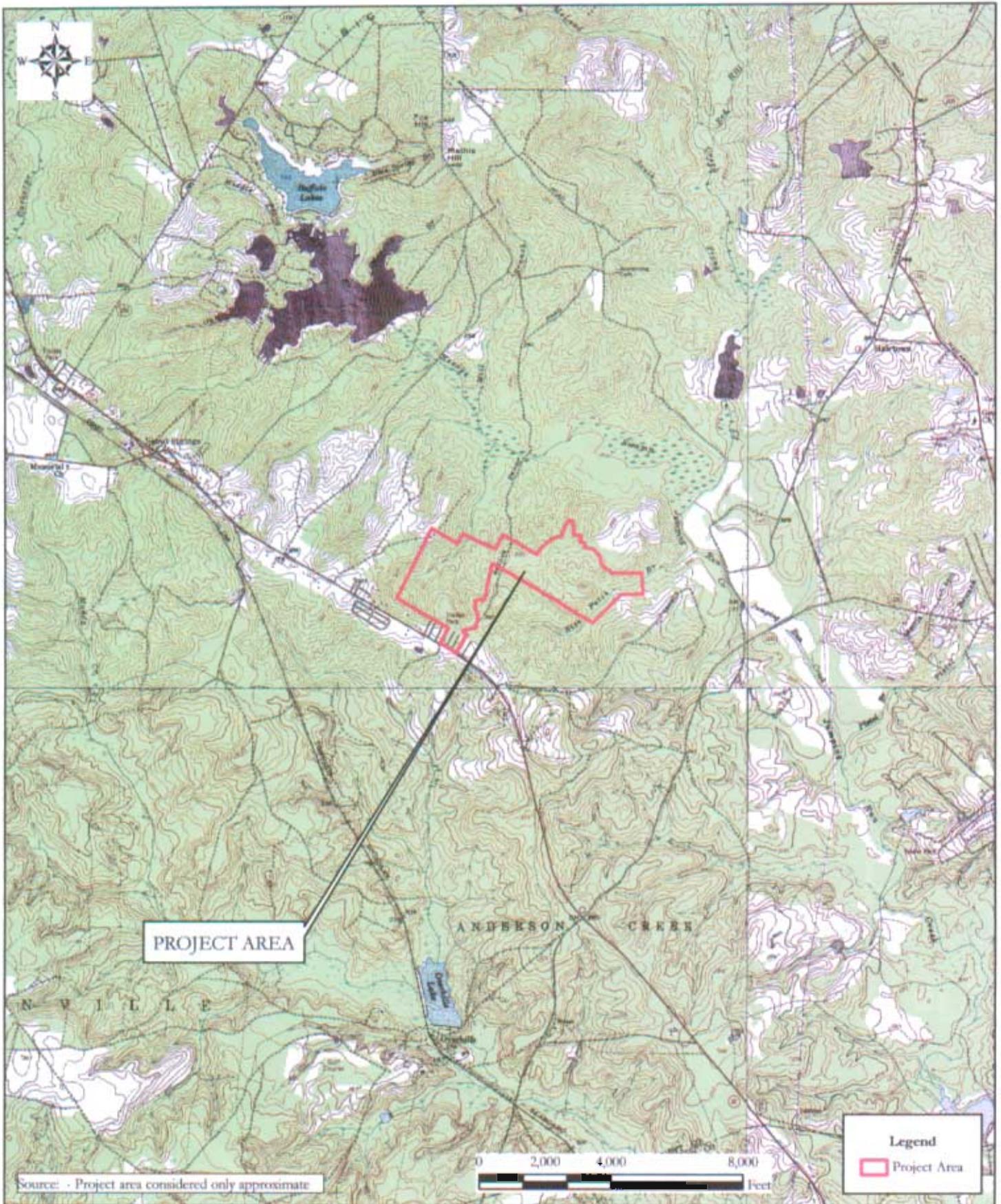
the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5pm, December 17, 2007. Comments should be submitted to Ronnie Smith at P.O. Box 1890, Wilmington, NC 28403.



Scale: 1" = 2 miles	<h1 style="margin: 0;">Enoch</h1> <h2 style="margin: 0;">Engineers, P.A.</h2> <p style="margin: 0;">Consulting Engineers & Surveyors</p>	VICINITY MAP	FIGURE 1
Drawn By: JEG		Lexington Plantation	
Reviewed By: JEG		Harnett County, North Carolina	
Date: September - '07		Enoch Engineers Project No. 3059	

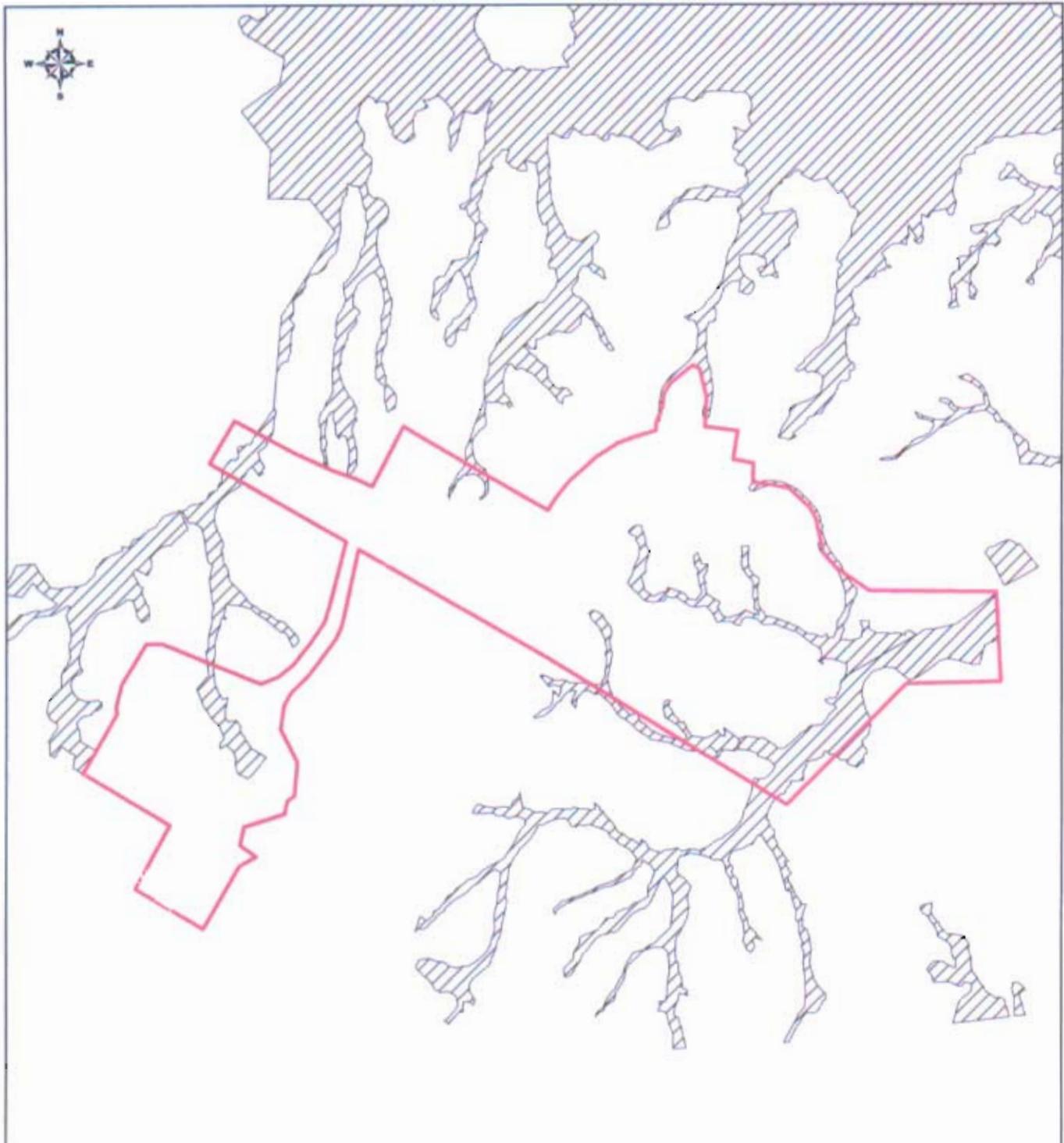


Scale: 1" = 4,000'
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 Reviewed By: JEG
 Date: September - '07

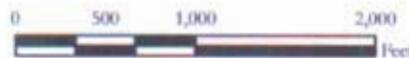
Enoch
Engineers, P.A.
 Consulting Engineers & Surveyors

LOCATION MAP
 Lexington Plantation
 Harnett County, North Carolina
 Enoch Engineers Project No. 3059

FIGURE
 4



Source: - Project area considered only approximate
 - Wetland Boundary provided by Fuss & O'Neill and McKim & Creed
 - Wetland boundary considered approximate until field verified by U.S. Army Corps of Engineers regulatory field office



Legend

Project Area

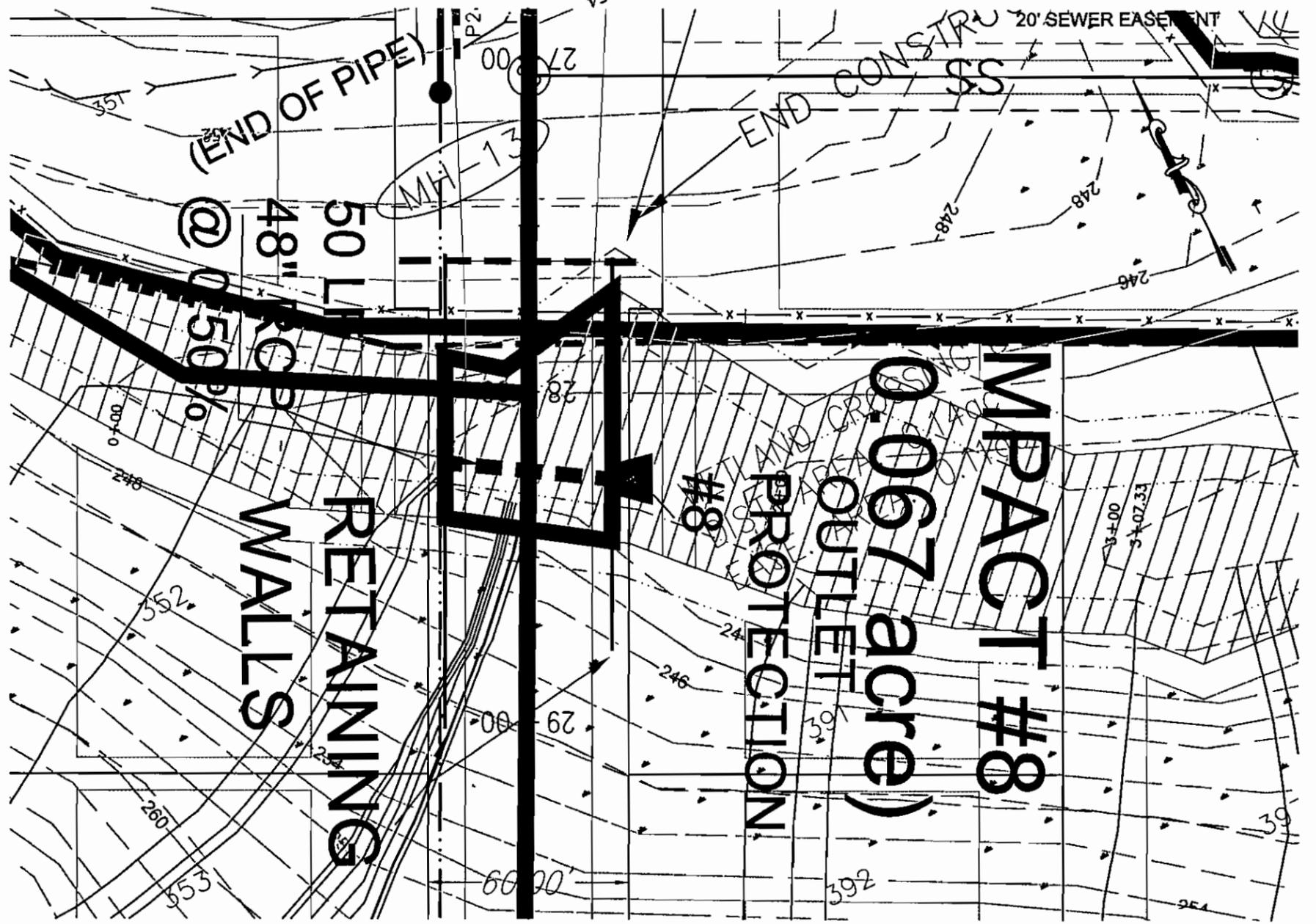
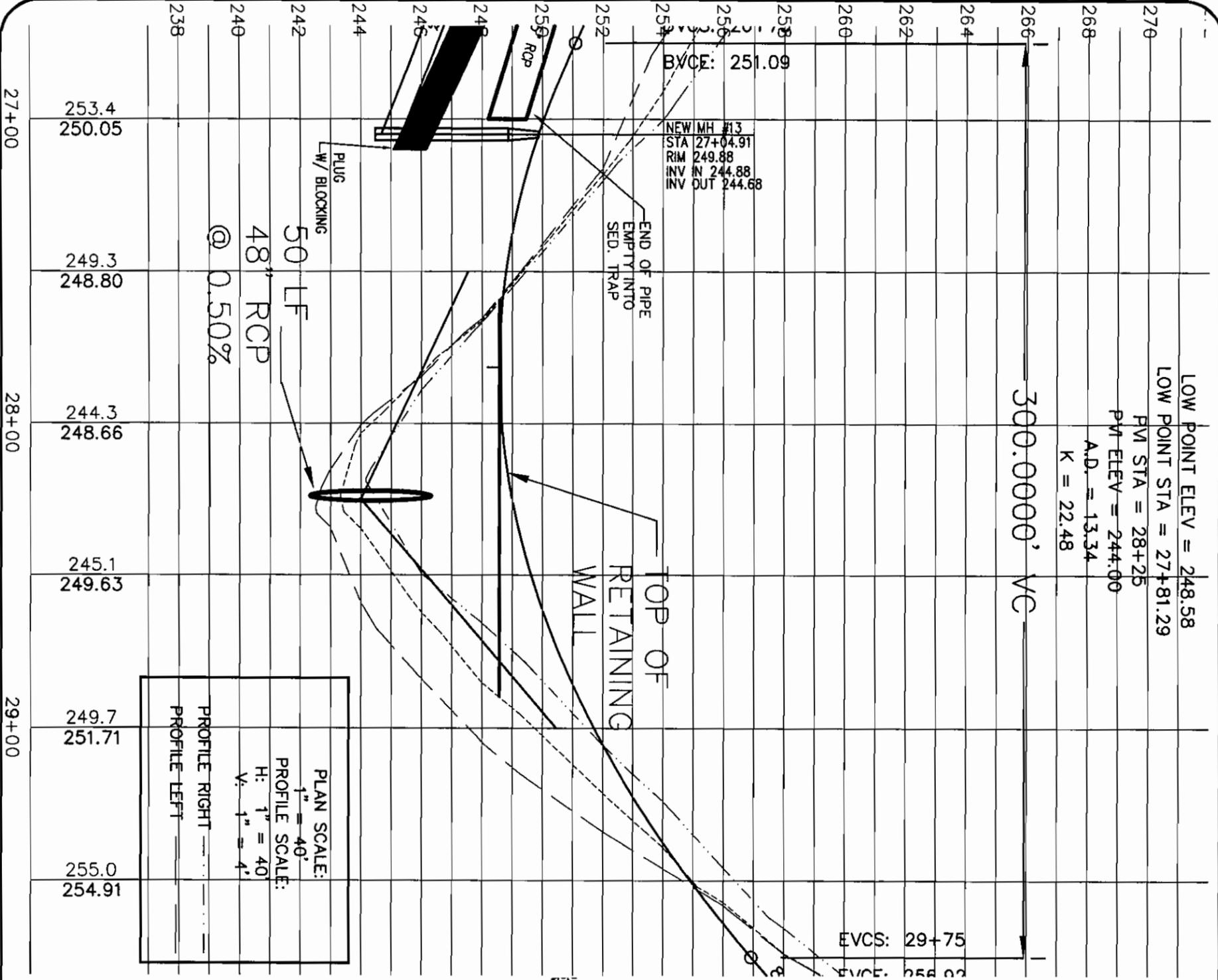
Wetland Boundary

Scale: 1" = 1,000'
 Drawn By: JEG
 Reviewed By: JEG
 Date: June - '07

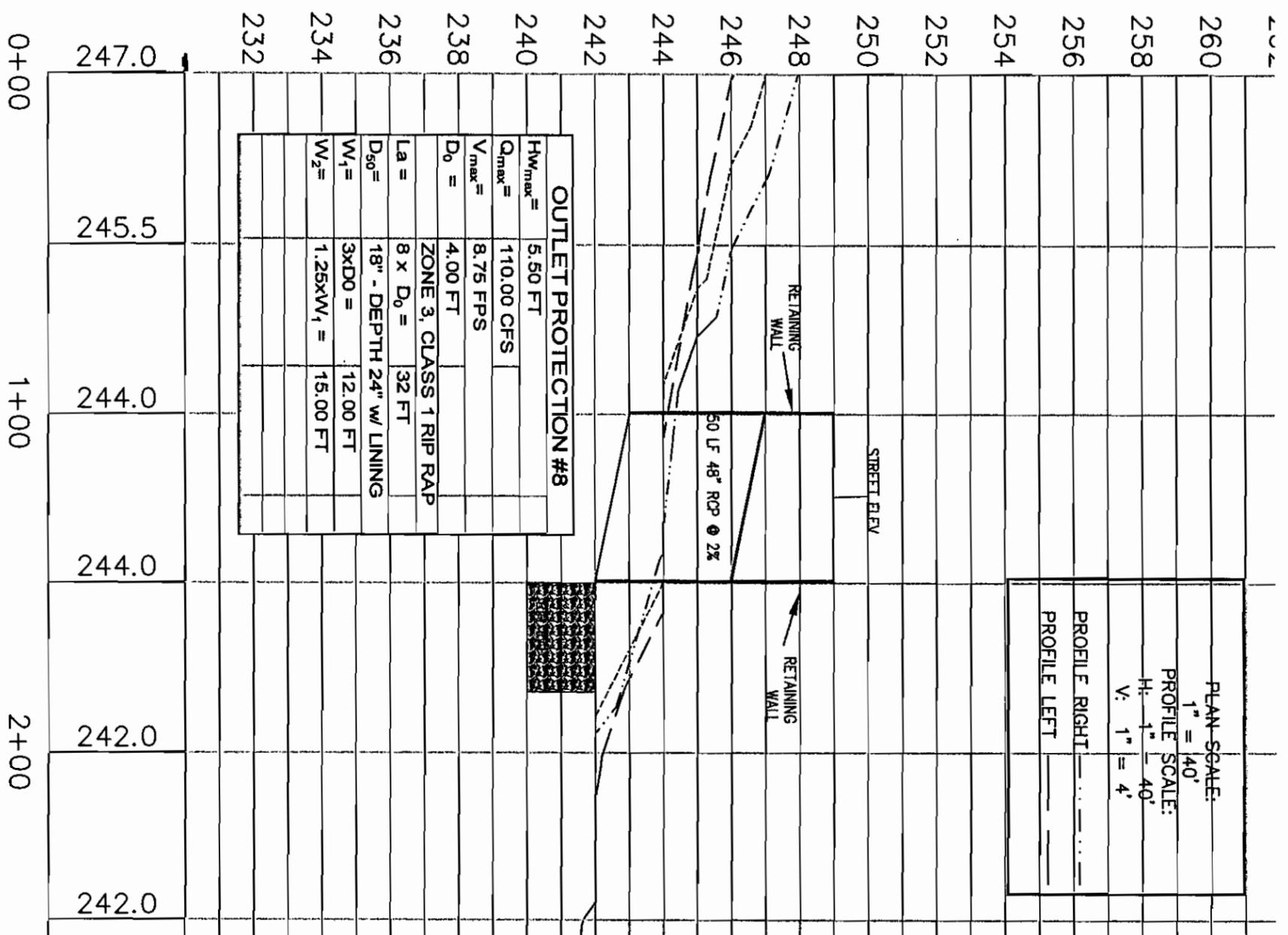
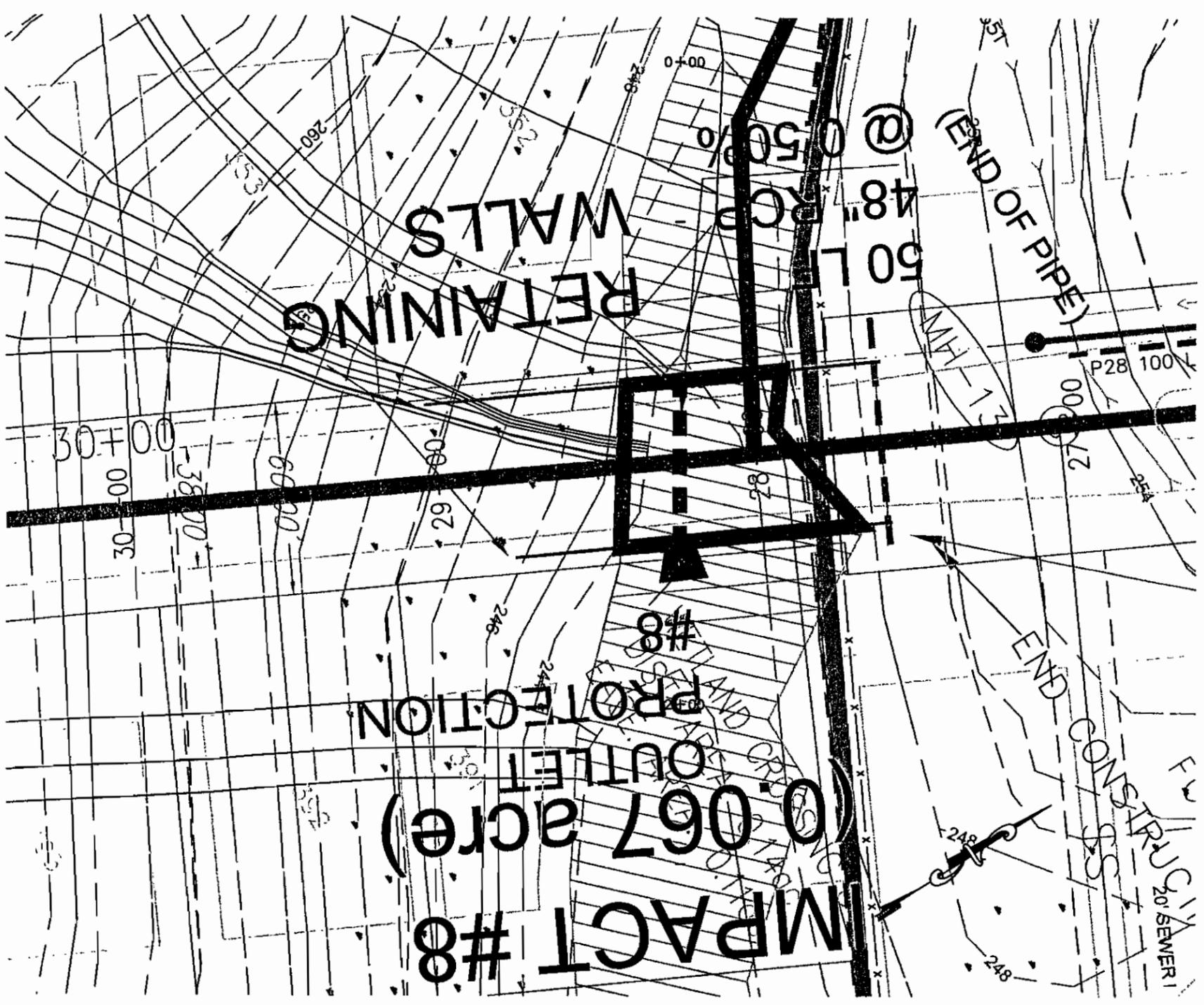
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 Consulting Engineers & Surveyors

WETLAND SUMMARY MAP
 The Gate at Lexington
 Harnett County, North Carolina
 Enoch Engineers Project No. 3059

FIGURE
 4



<p>S-5a</p>	<p>PLAN AND PROFILE IMPACT #8 THE GATE AT LEXINGTON PHASE A-1 WETLAND IMPACTS LEXINGTON PLANTATION</p>	<p>LOCATION: HWY 87 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY</p> <p>PROPERTY OWNER(S): LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2181 SURF CITY, NC 28445</p>	<p>Revisions</p>	<p>PLAN INFORMATION</p> <p>DESIGNED BY: EE, PA</p> <p>DRAWN BY: JEDR</p> <p>CHECKED BY: JEDR</p> <p>SURVEY INFORMATION: NOTES</p>	<p>HORIZONTAL SCALE: 1" = 40'</p> <p>VERTICAL SCALE: 1" = 4'</p> <p>DATE CREATED: 08/13/07</p>	<p>Enoch Engineers, P.A.</p> <p>CONSULTING ENGINEERS & SURVEYORS 1403 NC Highway 50 South - Beaufort, NC 27504 Phone: (919) 854-7768 Fax: (919) 854-8100 E-mail: enochengr@aol.com</p>	
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S-5b

PLAN AND PROFILE
IMPACT #8
THE GATE AT LEXINGTON
PHASE A-1 WETLAND IMPACTS
LEXINGTON PLANTATION

LOCATION:
 HWY 67
 NEAR SPOUT SPRINGS
 ANDERSON CREEK TOWNSHIP
 HARNETT COUNTY

PROPERTY OWNERS:
 LEXINGTON PLANTATION
 INVESTORS, LLC
 P.O. BOX 2191
 SURF CITY, NC 28445

Revisions	

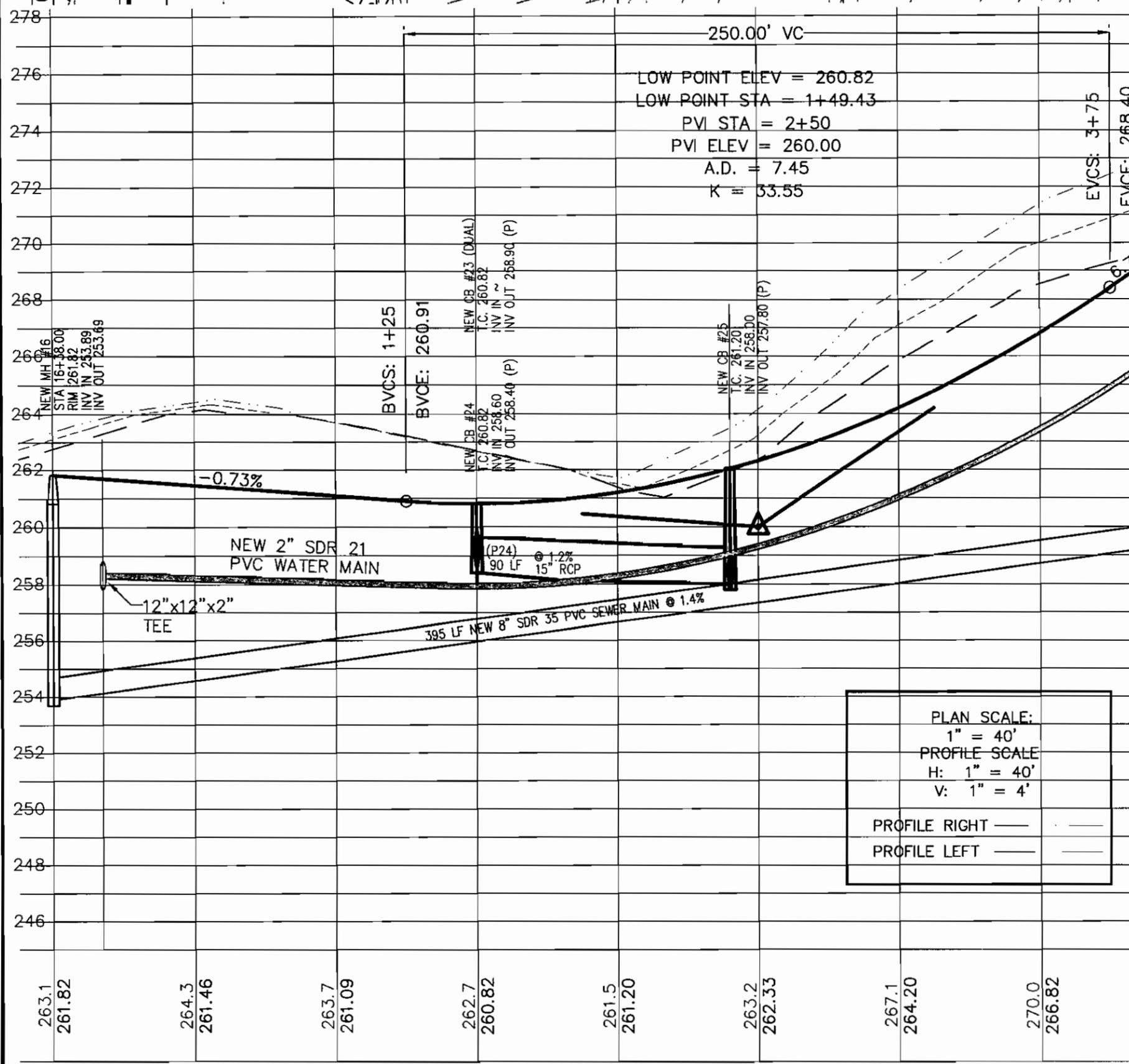
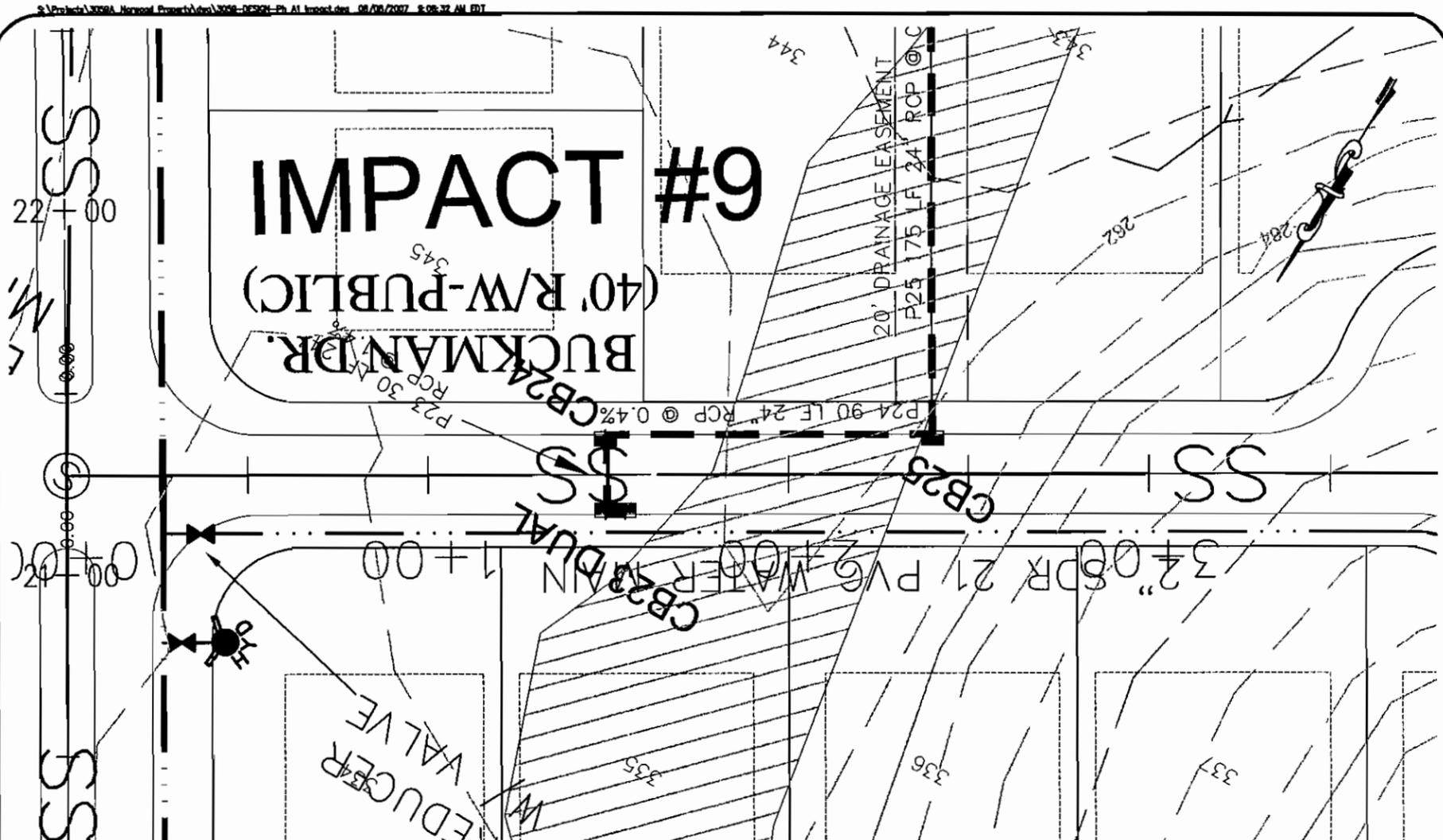
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DESIGNED BY: EE, PA	HORIZONTAL SCALE: 1" = 40'
DRAWN BY: M.A., M.S., C.S., S.S., J.S.	VERTICAL SCALE: 1" = 4'
CHECKED BY: JESR	DATE CREATED: 08/13/07
SURVEY INFORMATION NOTES	

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 1403 NC Highway 50 South - Beaufort, NC 27504
 Phone: (919) 894-7763 Fax: (919) 894-8190
 E-mail: enoch@enocheng.com



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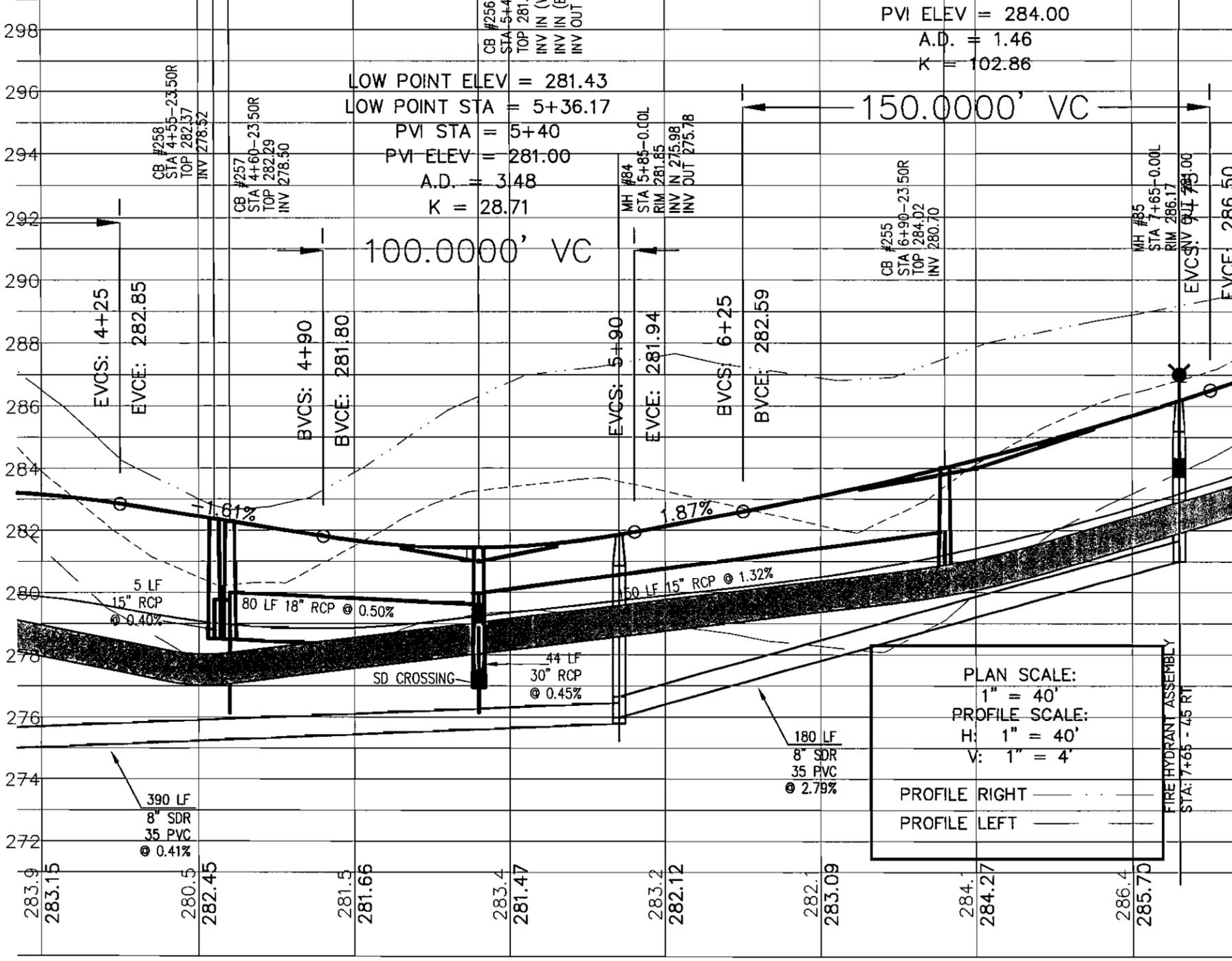
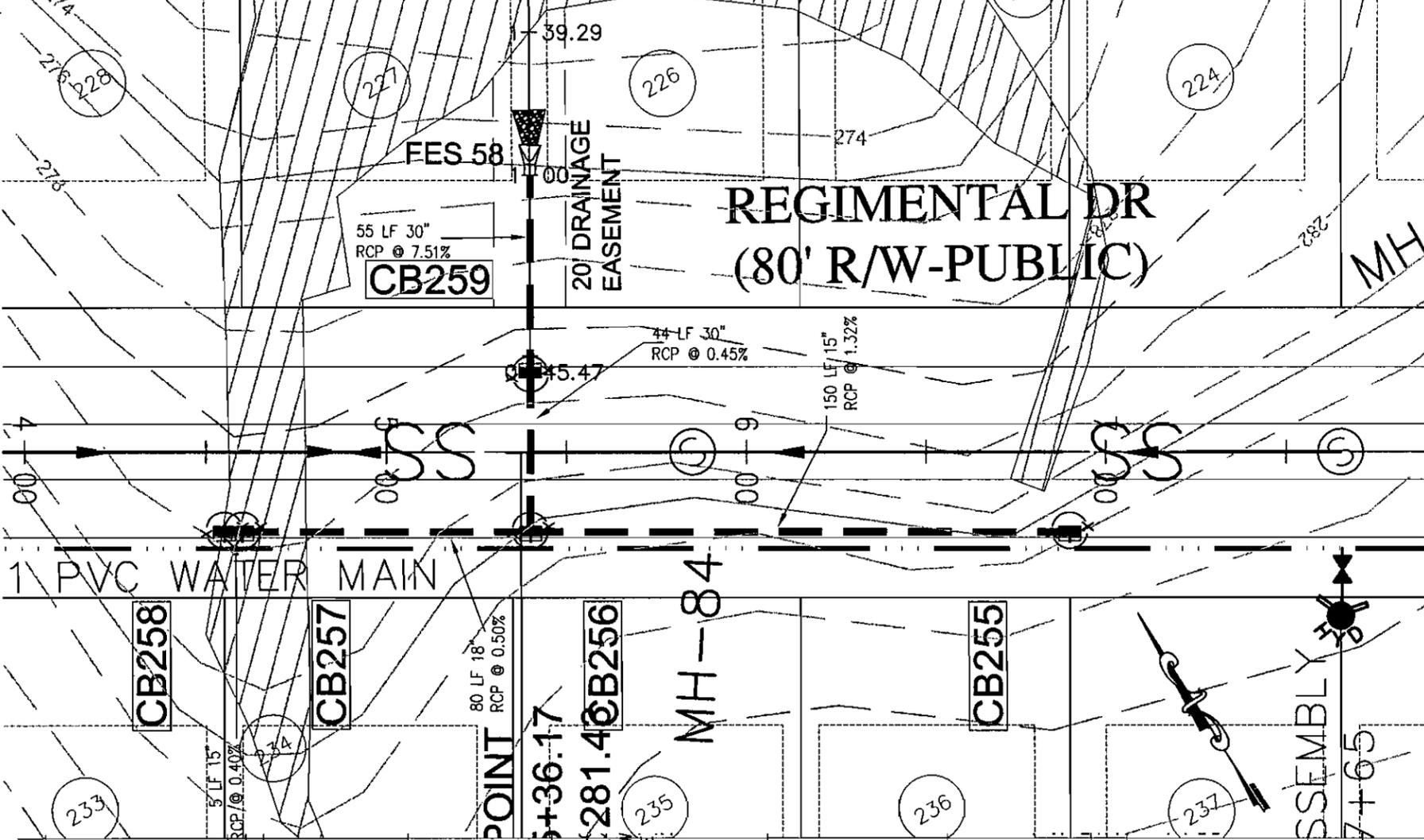
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	<p>PLAN AND PROFILE IMPACT #9 THE GATE AT LEXINGTON PHASE A-1 WETLAND IMPACTS LEXINGTON PLANTATION</p>	<p>LOCATION: HWY 87 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY</p> <p>PROPERTY OWNERS: LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2191 SURF CITY, NC 28445</p>	<p>Revisions</p>	<p>PLAN INFORMATION</p> <p>DESIGNED BY: DE, PA</p> <p>DRAWN BY: DE, PA</p> <p>CHECKED BY: JESR</p> <p>SURVEY INFORMATION: NOTES</p>	<p>HORIZONTAL SCALE: 1" = 40'</p> <p>VERTICAL SCALE: 1" = 4'</p> <p>DATE CREATED: 08/13/07</p>	
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IMPACT #10

IMPACT #11



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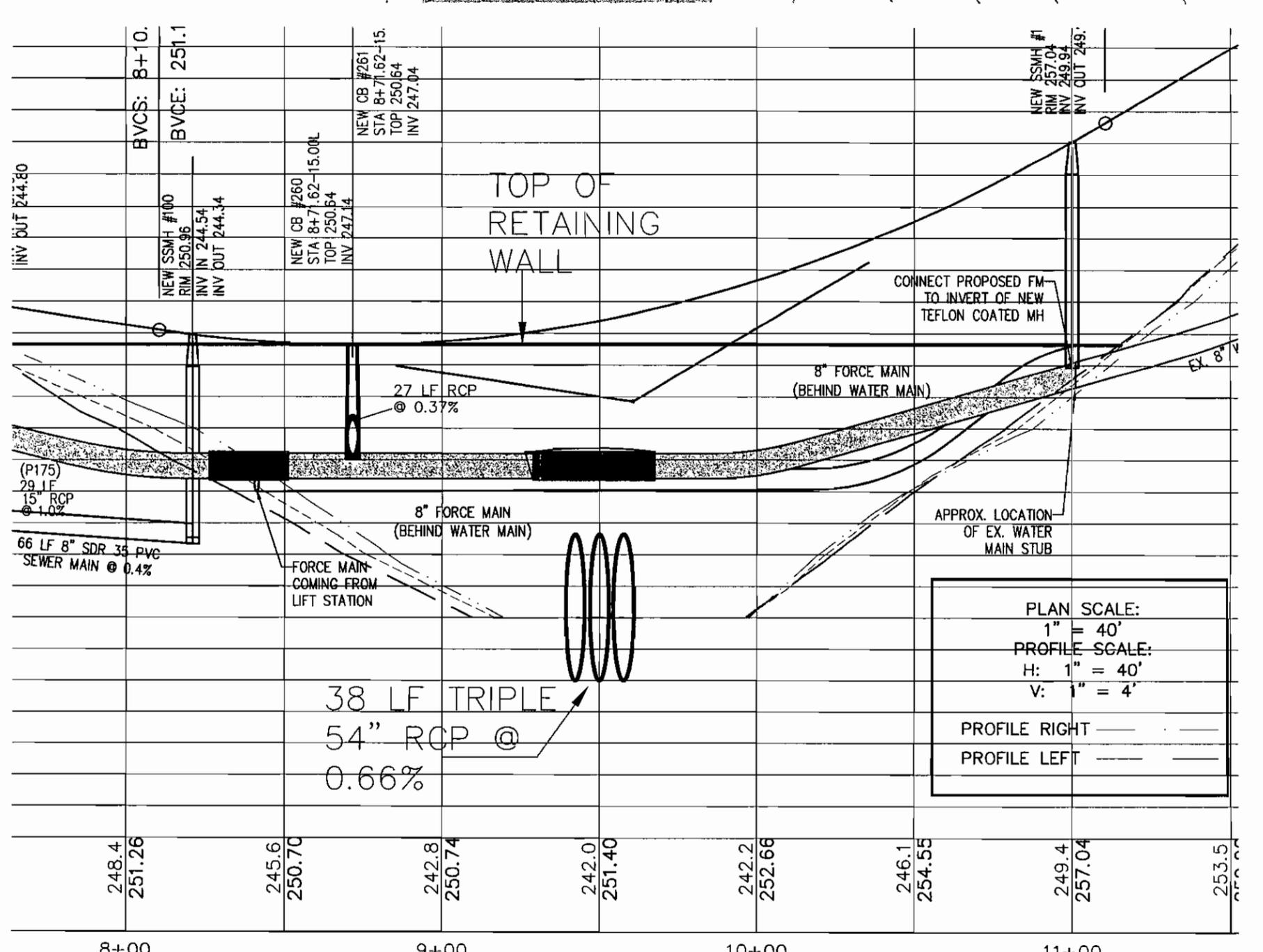
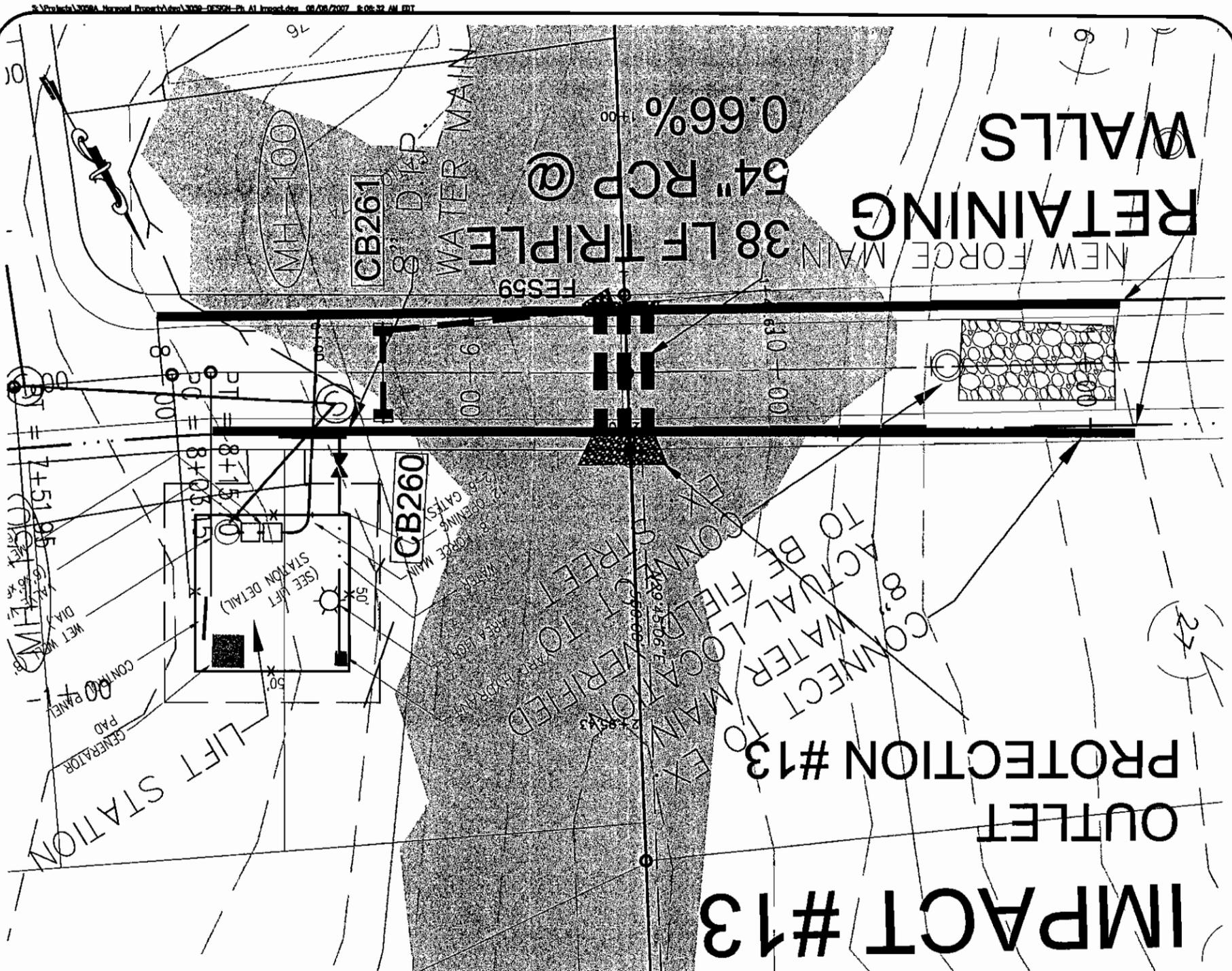
	PLAN AND PROFILE IMPACT #10 & IMPACT #11 THE GATE AT LEXINGTON PHASE A-1 WETLAND IMPACTS LEXINGTON PLANTATION	LOCATION: HWY 87 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY	DESIGNED BY: EE, PA	HORIZONTAL SCALE: 1" = 40'
		PROPERTY OWNERS: LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2191 SURF CITY, NC 28445	DRAWN BY: EE, PA	VERTICAL SCALE: 1" = 4'
		REVISIONS:	CHECKED BY: ESCR	DATE CREATED: 06/13/07
		SURVEY INFORMATION: NOTES NOTES		

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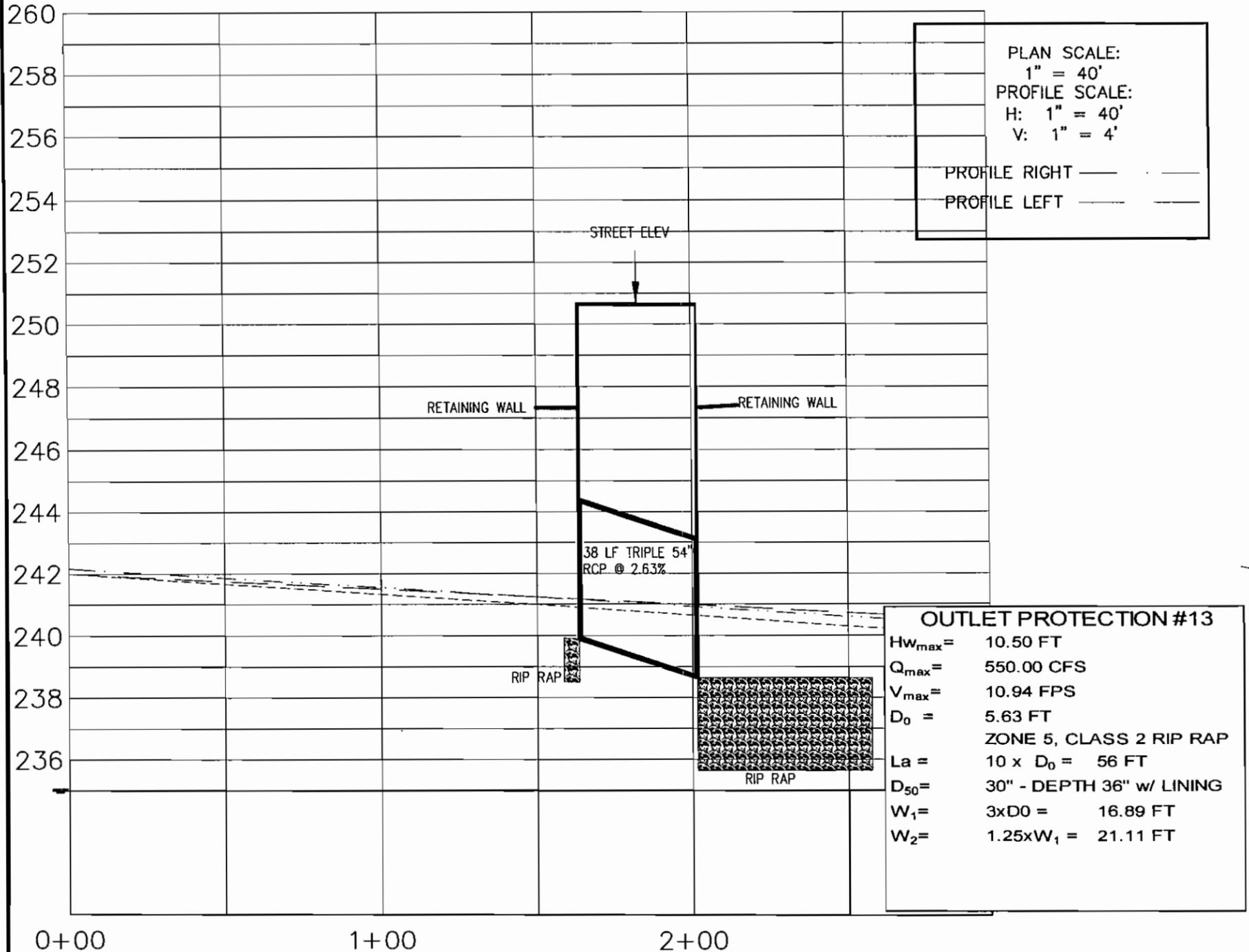
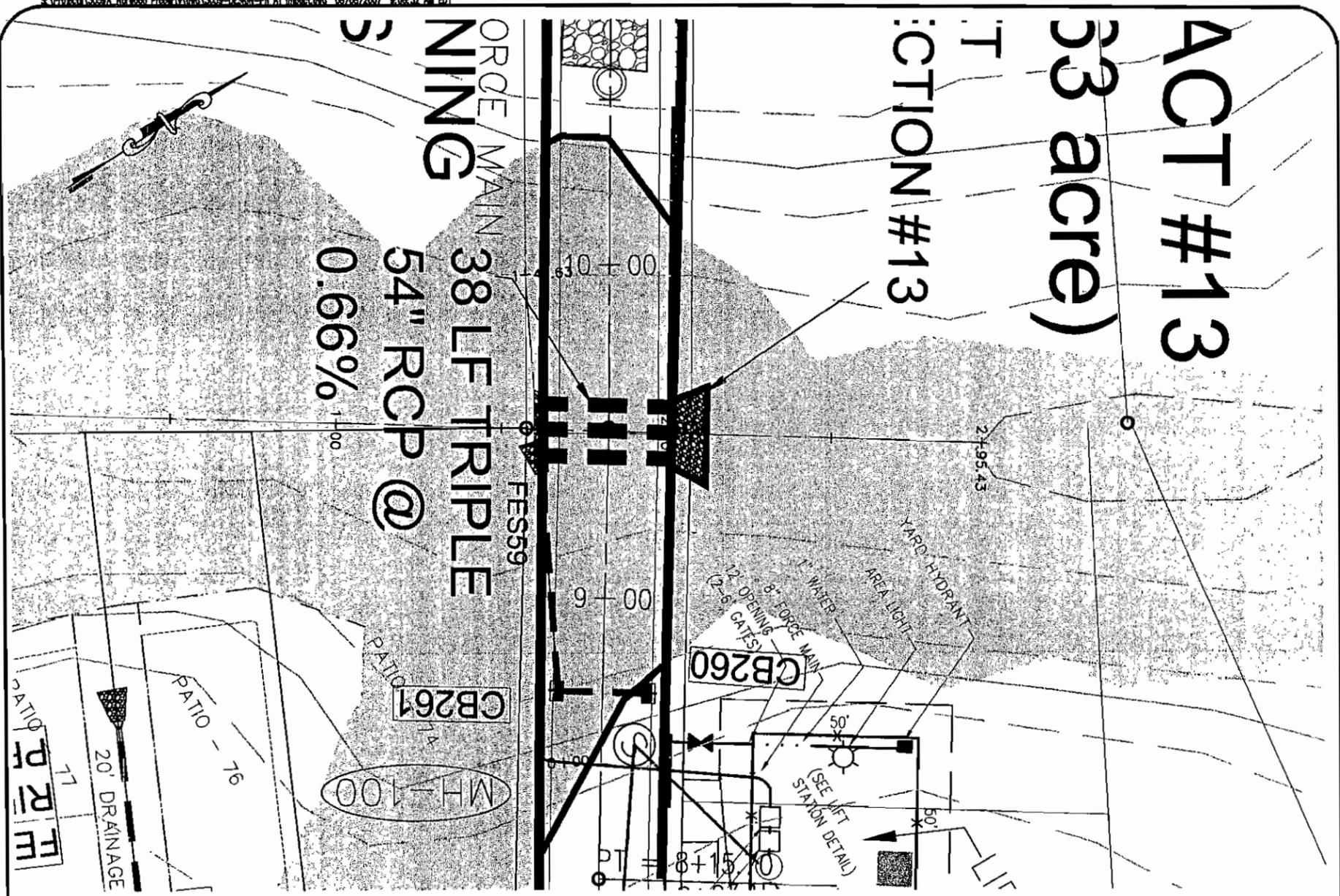
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S-8a <small>PROJECT: 000</small>	PLAN AND PROFILE IMPACT #13 THE GATE AT LEXINGTON PHASE A-1 WETLAND IMPACTS LEXINGTON PLANTATION	LOCATION: HWY 87 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY PROPERTY OWNER(S): LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2191 SURF CITY, NC 28443	Revisions <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>							PLAN INFORMATION: DESIGNED BY: EE, PA DRAWN BY: <small>EE, PA, EE, PA, CE, PE, SE, PE, SE</small> CHECKED BY: JESR DATE CREATED: 06/13/07 SURVEY INFORMATION: NOTES	HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 4' PROFILE RIGHT _____ PROFILE LEFT _____	 Enoch Engineers, P.A. <small>CONSULTING ENGINEERS & SURVEYORS</small> <small>1403 NC Highway 30 South - Beaufort, NC 27504</small> <small>Phone: (919) 894-7765 Fax: (919) 894-8199</small> <small>E-mail: enochengineers@earthlink.net</small>	

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S-8b

**PLAN AND PROFILE
IMPACT #13
THE GATE AT LEXINGTON
PHASE A-1 WETLAND IMPACTS
LEXINGTON PLANTATION**

LOCATION:
HWY 87
NEAR SPOUT SPRINGS
ANDERSON CREEK TOWNSHIP
HARNETT COUNTY

PROPERTY OWNER/S:
LEXINGTON PLANTATION
INVESTORS, LLC
P.O. BOX 2181
SURF CITY, NC 28445

Revisions	PLAN INFORMATION:
	DESIGNED BY: EE, PA
	DRAWN BY: JES, JES, JES, JES, JES, JES
	CHECKED BY: JES
	SURVEY INFORMATION: NOTES

HORIZONTAL SCALE:
1" = 40'

VERTICAL SCALE:
1" = 4'

DATE CREATED:
08/13/07

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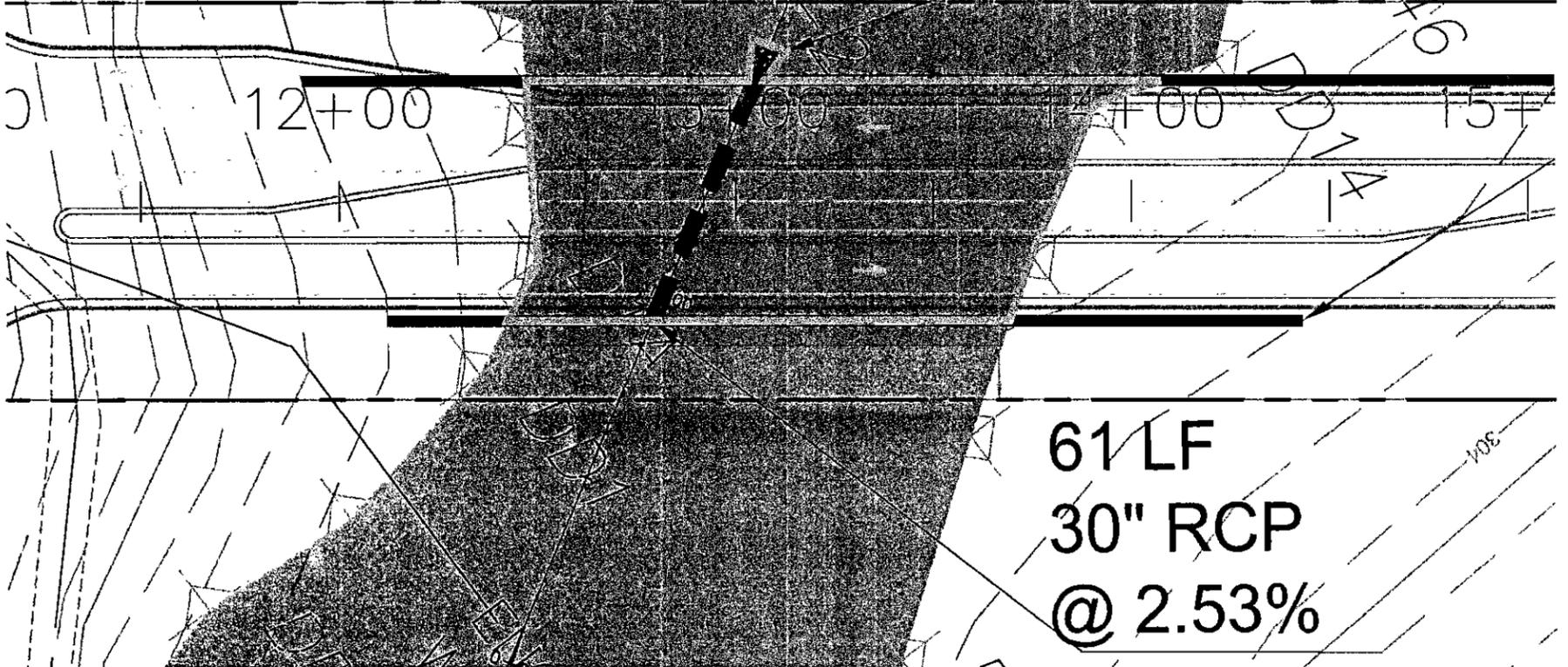
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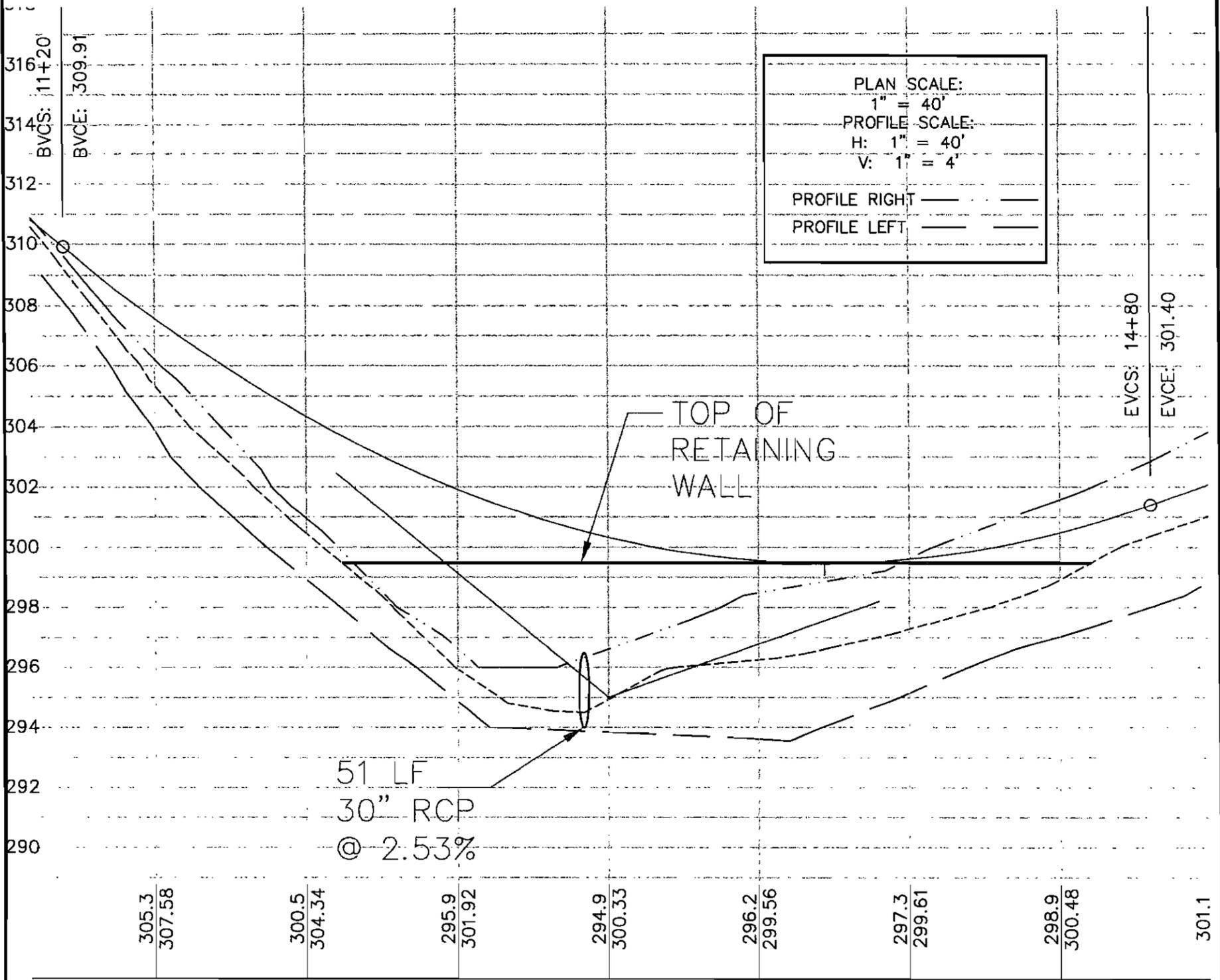
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IMPACT #14 (0.187 acre)

OUTLET PROTECTION #14



61 LF
30" RCP
@ 2.53%



26 - S

**PLAN AND PROFILE
IMPACT #14
THE GATE AT LEXINGTON
PHASE A-1 WETLAND IMPACTS
LEXINGTON PLANTATION**

LOCATION:
HWY 67
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ANDERSON CREEK TOWNSHIP
HARNETT COUNTY

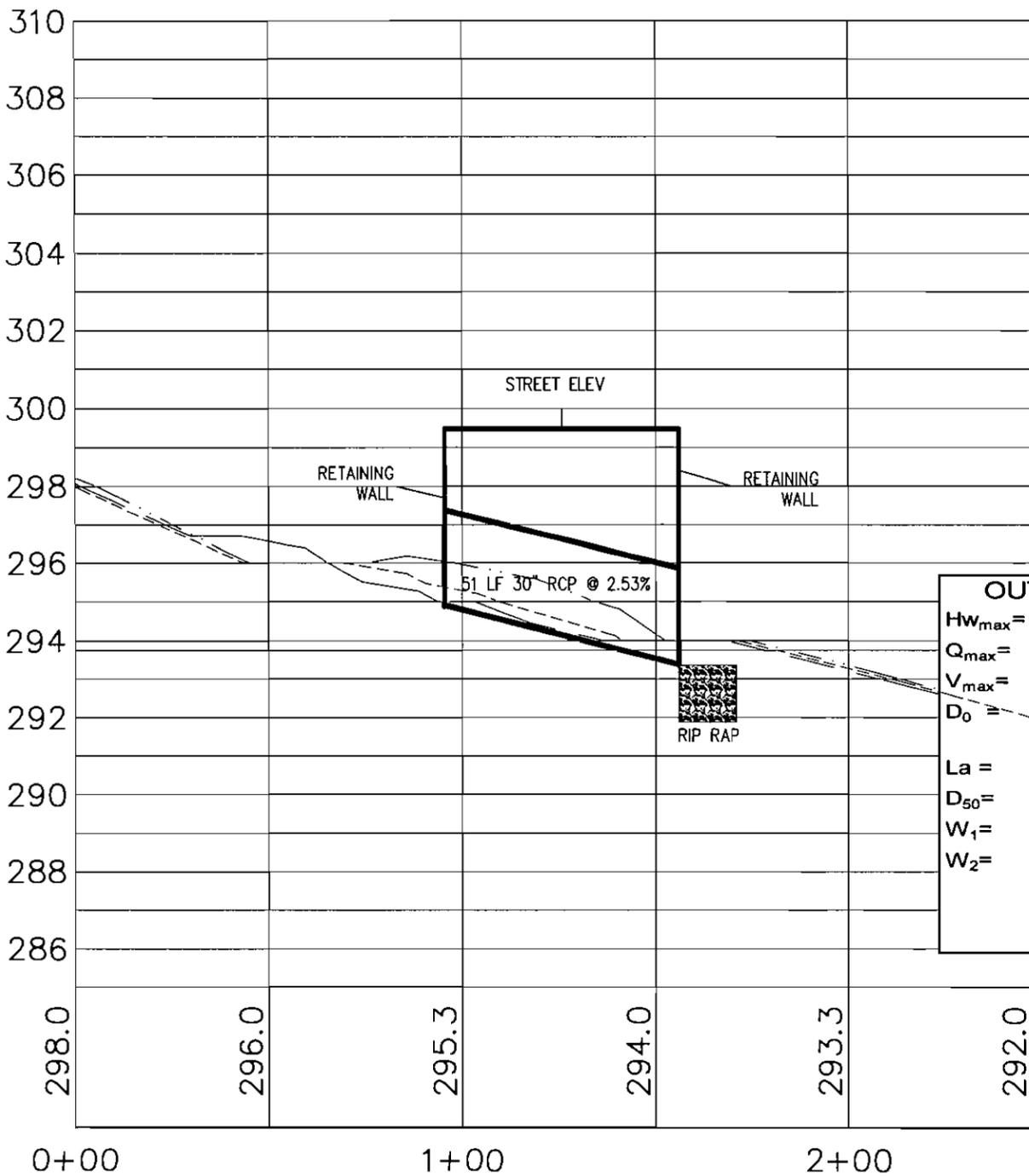
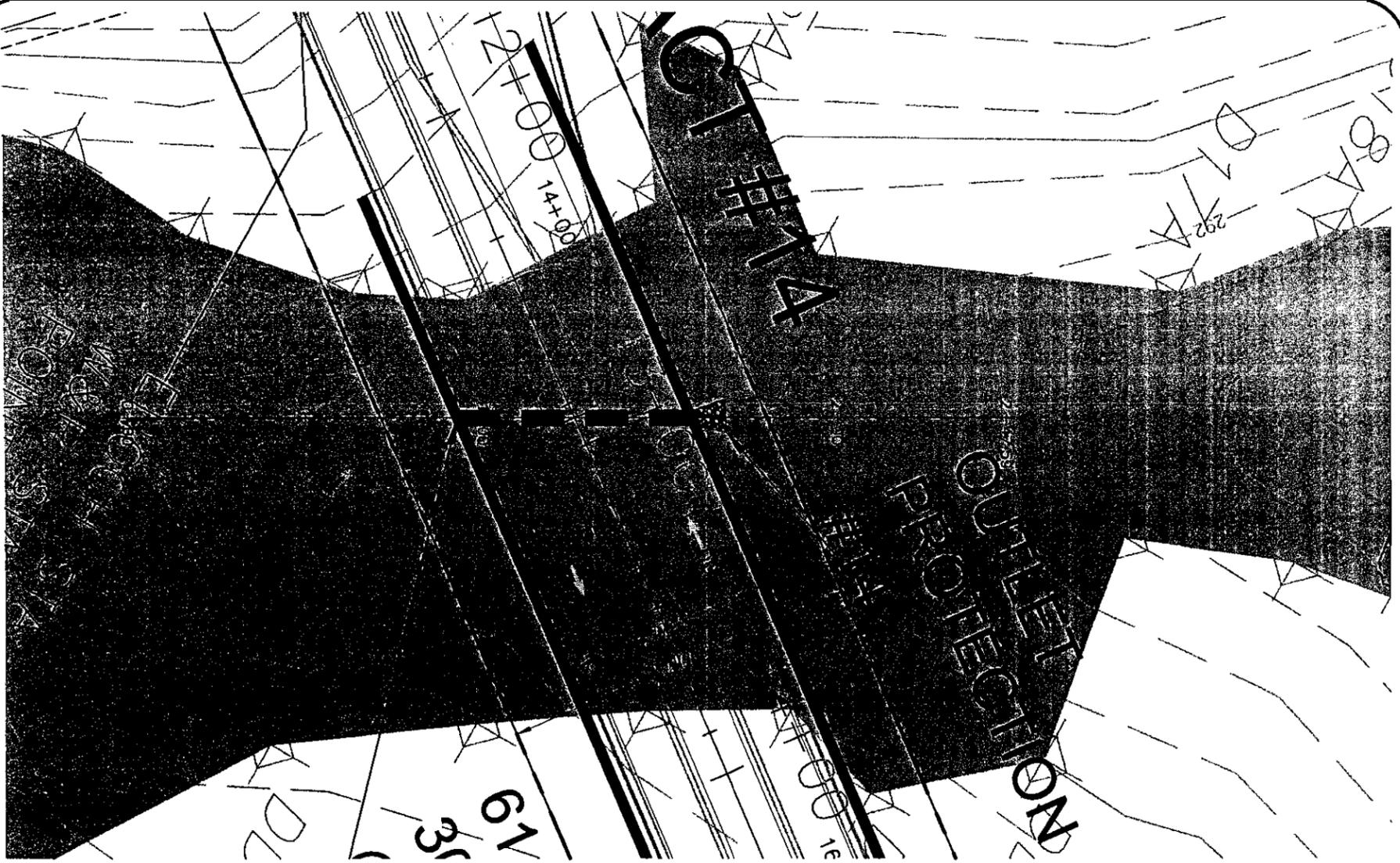
PROPERTY OWNERS:
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INVESTORS, LLC
P.O. BOX 2181
SURF CITY, NC 28445

Revisions		PLAN INFORMATION	
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NOTES			
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PROFILE RIGHT — . . . —
 PROFILE LEFT — — — —

OUTLET PROTECTION #14

$H_{wmax} = 4.50$ FT
 $Q_{max} = 40.00$ CFS
 $V_{max} = 8.14$ FPS
 $D_0 = 2.50$ FT
 ZONE 2, CLASS B RIP RAP
 $La = 6 \times D_0 = 15$ FT
 $D_{50} = 12"$ - DEPTH 18" w/ LINING
 $W_1 = 3 \times D_0 = 7.50$ FT
 $W_2 = 1.25 \times W_1 = 9.38$ FT

96 - S

**PLAN AND PROFILE
 IMPACT #14
 THE GATE AT LEXINGTON
 PHASE A-1 WETLAND IMPACTS
 LEXINGTON PLANTATION**

LOCATION:
 HWY 87
 NEAR SPOUT SPRINGS
 ANDERSON CREEK TOWNSHIP
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DESIGNED BY:
EE, PA

HORIZONTAL SCALE:
1" = 40'

DRAWN BY:
EE, PA

VERTICAL SCALE:
1" = 4'

CHECKED BY:
LECSR

DATE CREATED:
08/13/07

SURVEY INFORMATION:
NOTES

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 Engineers, P.A.

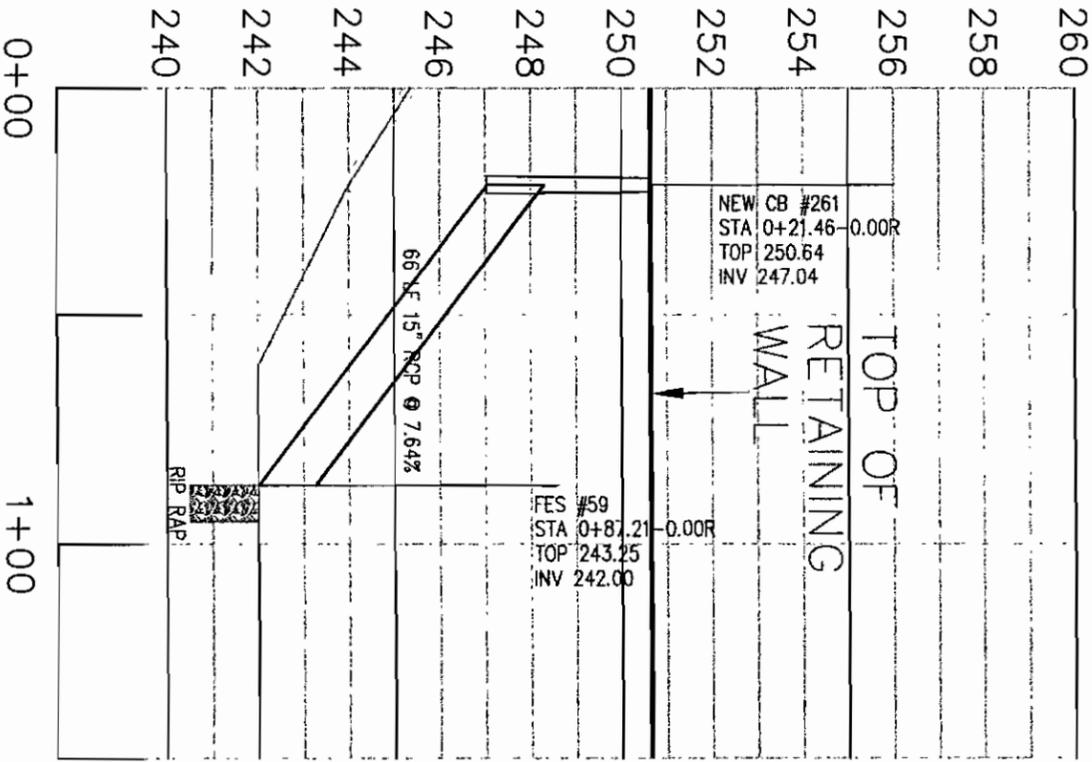
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 1403 NC Highway 50 South - Beason, NC 27504
 Phone: (919) 894-7763 Fax: (919) 894-8190
 E-mail: enochengineers@earthlink.net



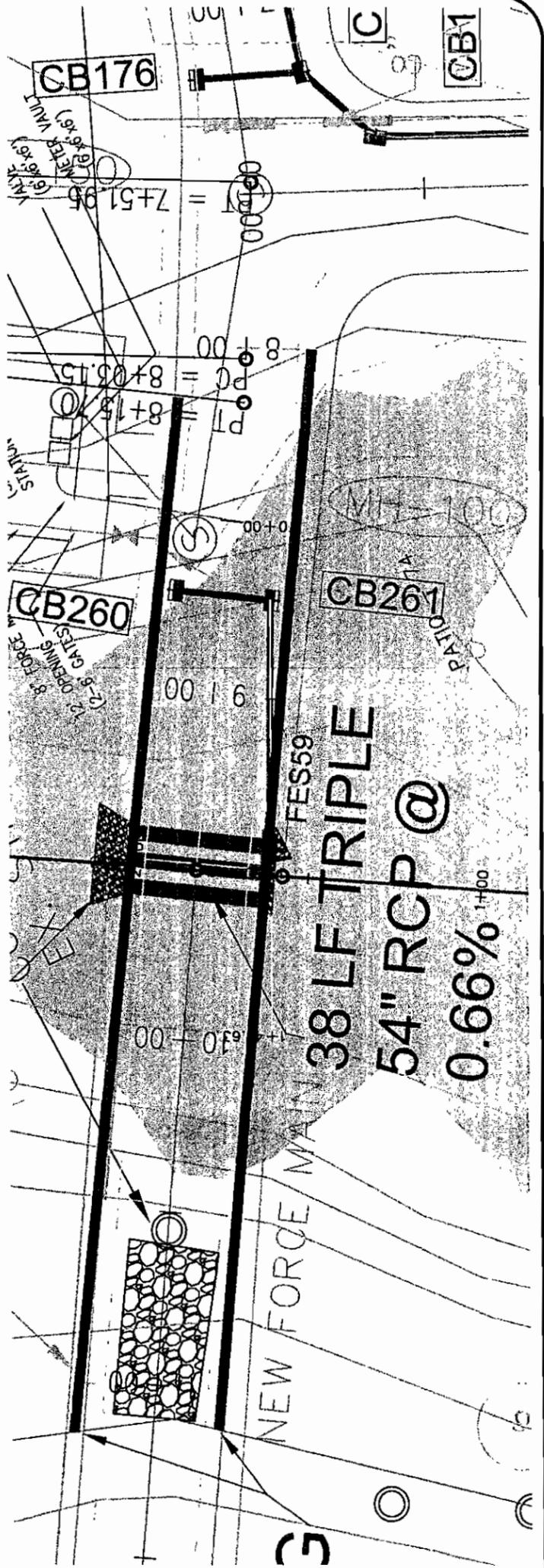
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PLAN SCALE:
 1" = 40'
 PROFILE SCALE:
 H: 1" = 40'
 V: 1" = 4'

PROFILE RIGHT
 PROFILE LEFT



OUTLET PROTECTION #59	
DA =	0.60 ACRES
Q ₁₀ =	0.35 x 6.8 x 0.60
Q ₁₀ =	1.43 CFS
V ₁₀ =	8.72 FPS
Q _{FULL} =	17.85 CFS
V _{FULL} =	14.55 FPS
D ₀ =	1.25 FT
La =	ZONE 2, CLASS B RIP RAP
D ₅₀ =	6 x D ₀ = 8 FT
W ₁ =	12" - DEPTH 18" W/ LINING
W ₂ =	3XD0 = 3.75 FT
	1.25xW ₁ = 4.69 FT



S-10

PLAN AND PROFILE
FES #59
THE GATE AT LEXINGTON
PHASE A-1 WETLAND IMPACTS
LEXINGTON PLANTATION

LOCATION:
 HWY 87
 NEAR SPOUT SPRINGS
 ANDERSON CREEK TOWNSHIP
 HARNETT COUNTY

PROPERTY OWNER(S):
 LEXINGTON PLANTATION
 INVESTORS, LLC
 P.O. BOX 2191
 SURF CITY, NC 28445

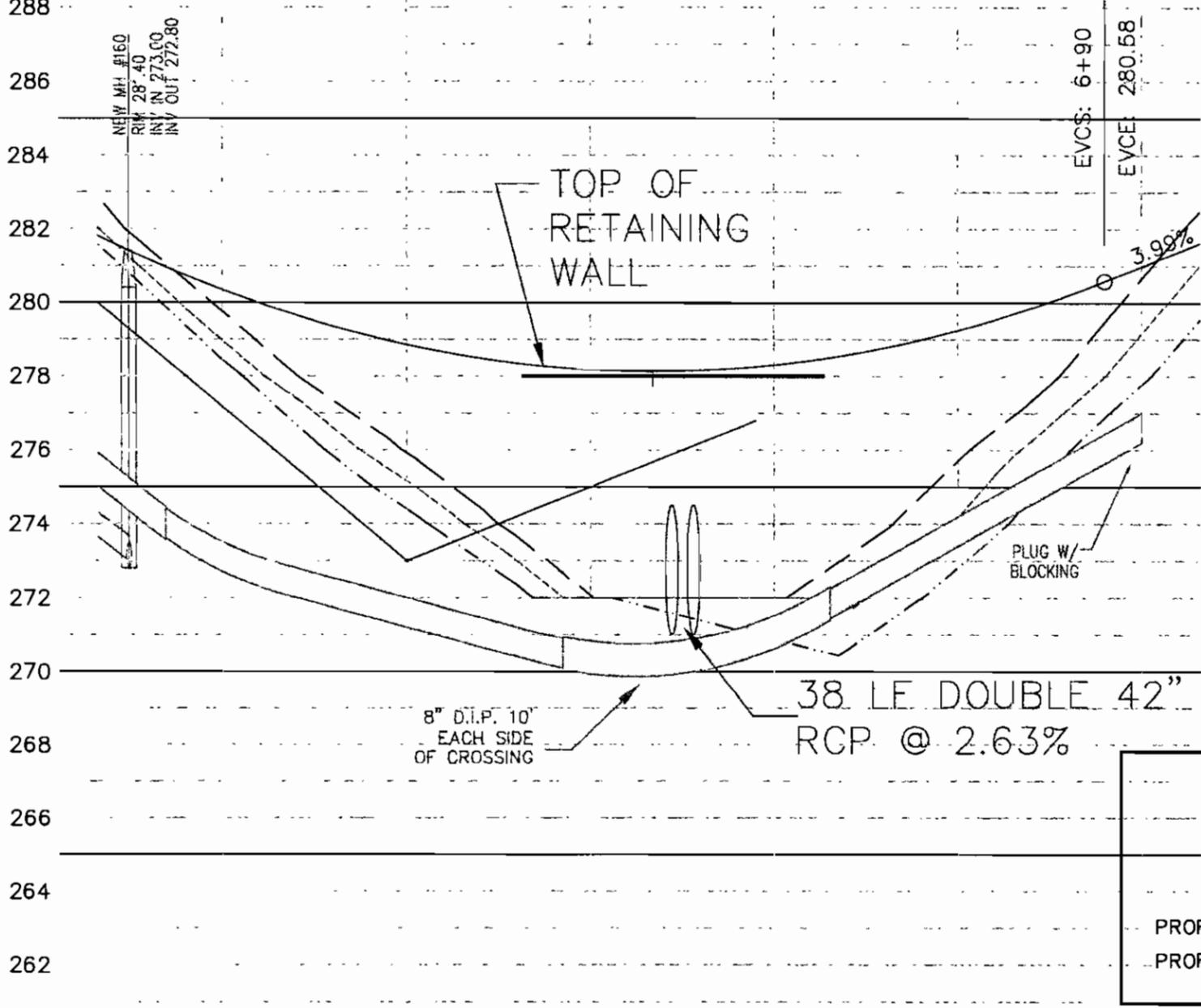
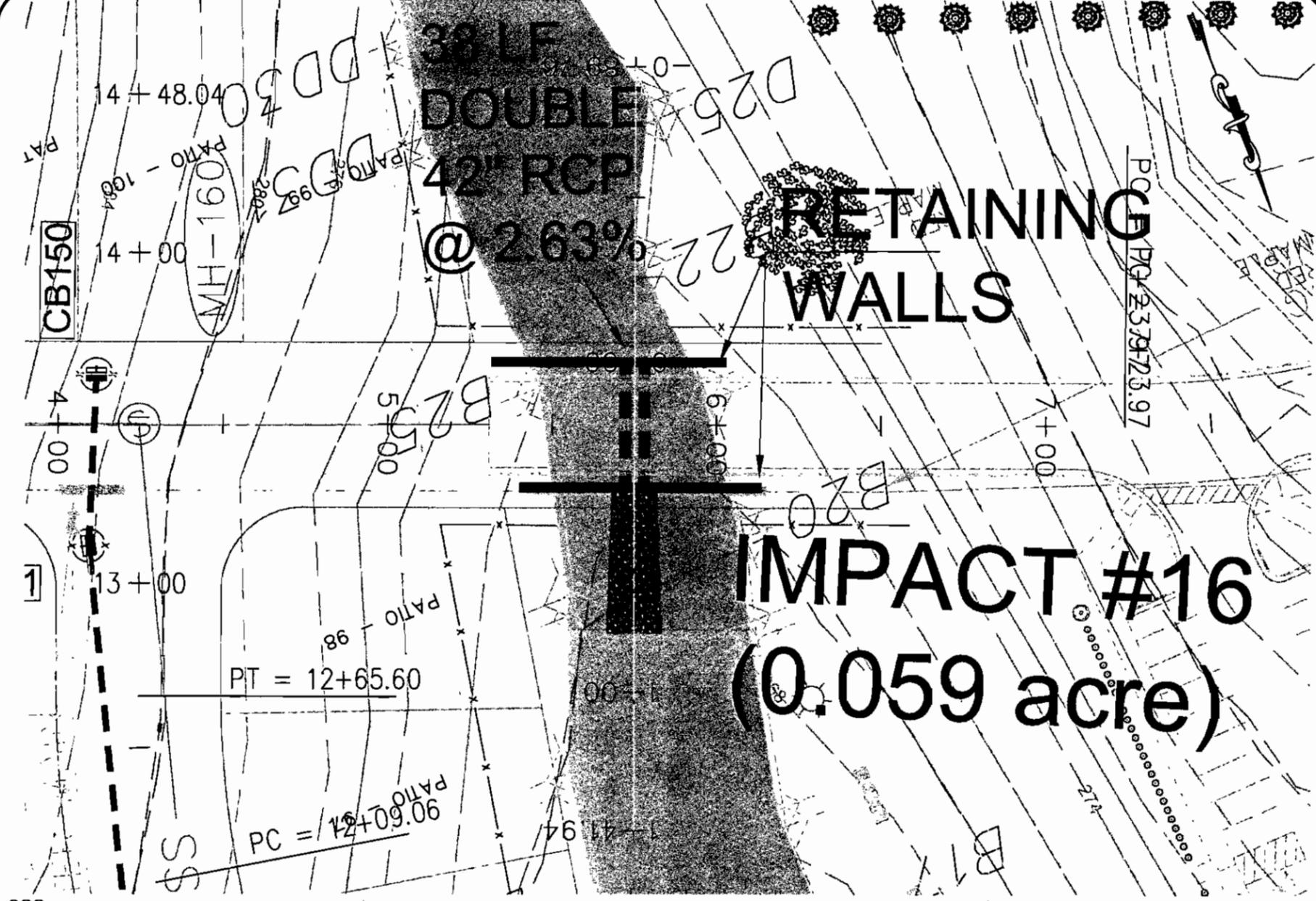
Revisions	

PLAN INFORMATION:	
DESIGNED BY: EE, PA	HORIZONTAL SCALE: 1" = 40'
DRAWN BY: JESR	VERTICAL SCALE: 1" = 4'
CHECKED BY: JESR	DATE CREATED: 08/13/07
SURVEY INFORMATION: NOTES NOTES	

Enoch
Engineers, P.A.
 CONSULTING ENGINEERS & SURVEYORS
 1401 NC Highway 30 South - Beaufort, NC 27504
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PLAN SCALE:
1" = 40'

PROFILE SCALE:
H: 1" = 40'
V: 1" = 4'

PROFILE RIGHT - - - - -

PROFILE LEFT - - - - -

279.0	280.34	275.2	278.85	272.0	278.17	272.0	278.30	274.2	279.25	279.2	280.98
5+00		6+00		7+00							

S-10a

**PLAN AND PROFILE
IMPACT #16
WETLAND IMPACTS
LEXINGTON PLANTATION**

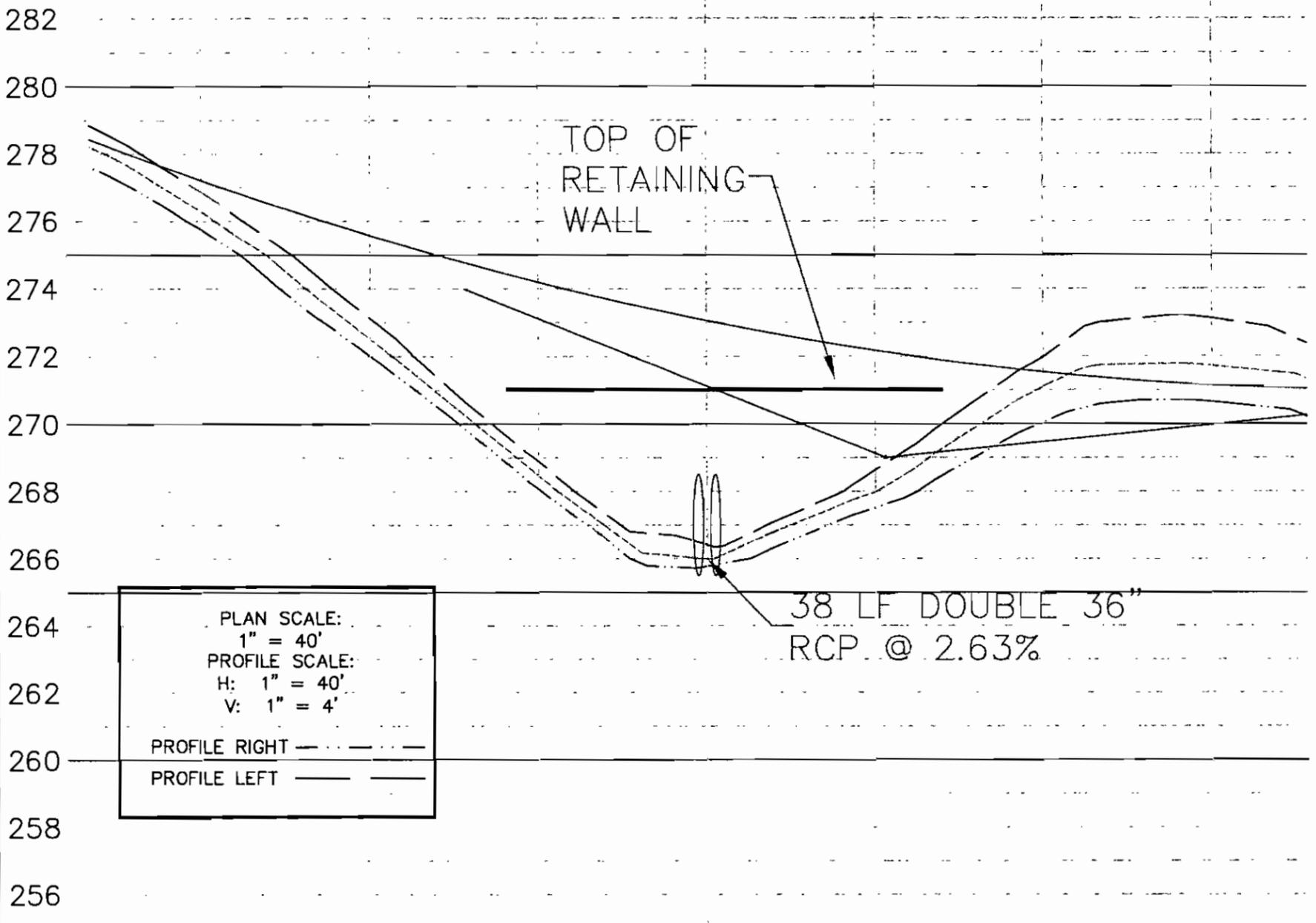
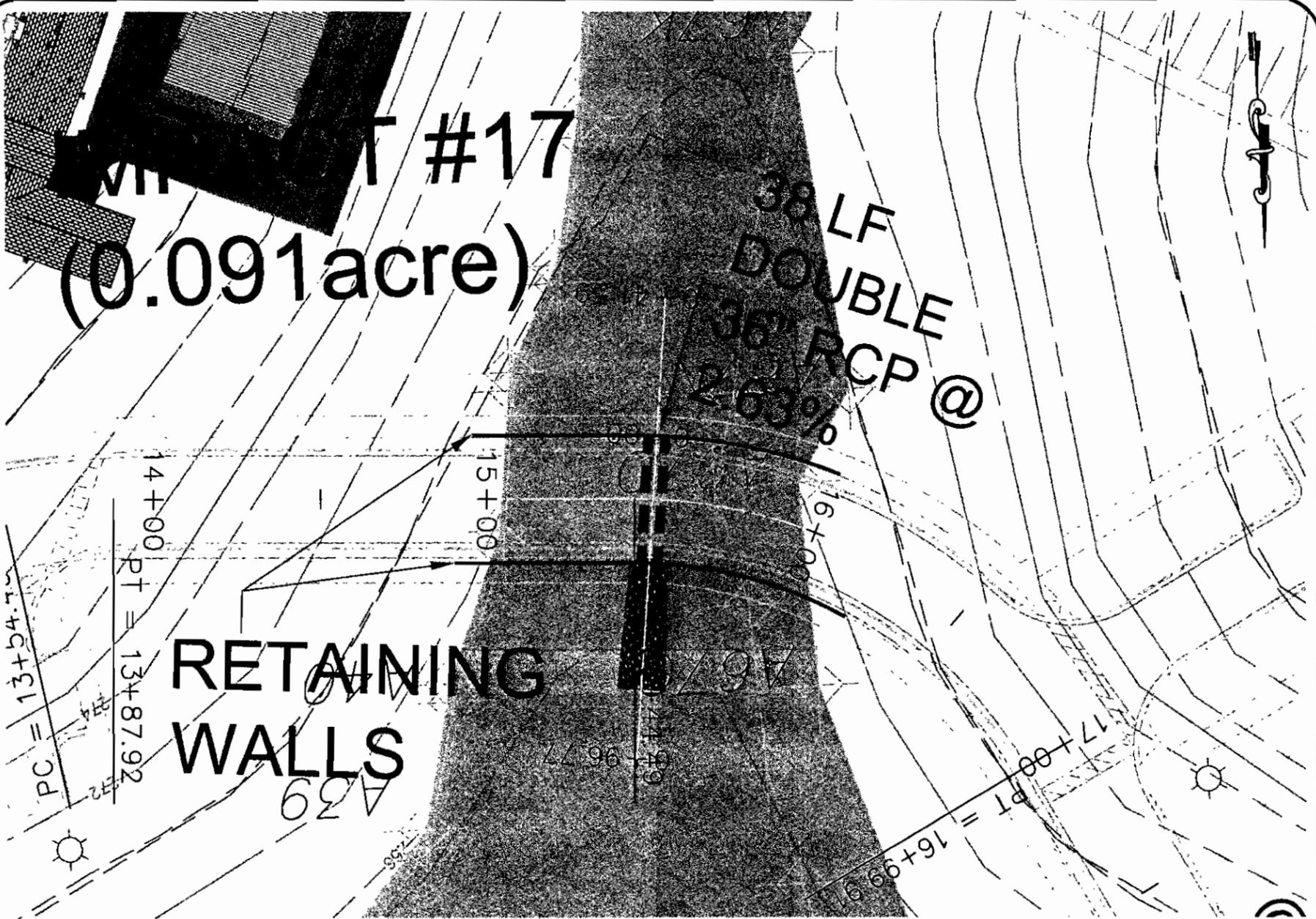
LOCATION:
HWY 87
NEAR SPOUT SPRINGS
ANDERSON CREEK TOWNSHIP
HARNETT COUNTY

PROPERTY OWNERS:
LEXINGTON PLANTATION
INVESTORS, LLC
P.O. BOX 2191
SURF CITY, NC 28445

Revisions	PLAN INFORMATION:
	DESIGNED BY: EE, PA
	HORIZONTAL SCALE: 1" = 40'
	DRAWN BY: JES, JES, JES, JES, JES
	VERTICAL SCALE: 1" = 4'
	CHECKED BY: JESR
	DATE CREATED: 08/12/07
	SURVEY INFORMATION: NOTES

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Engineers, P.A.

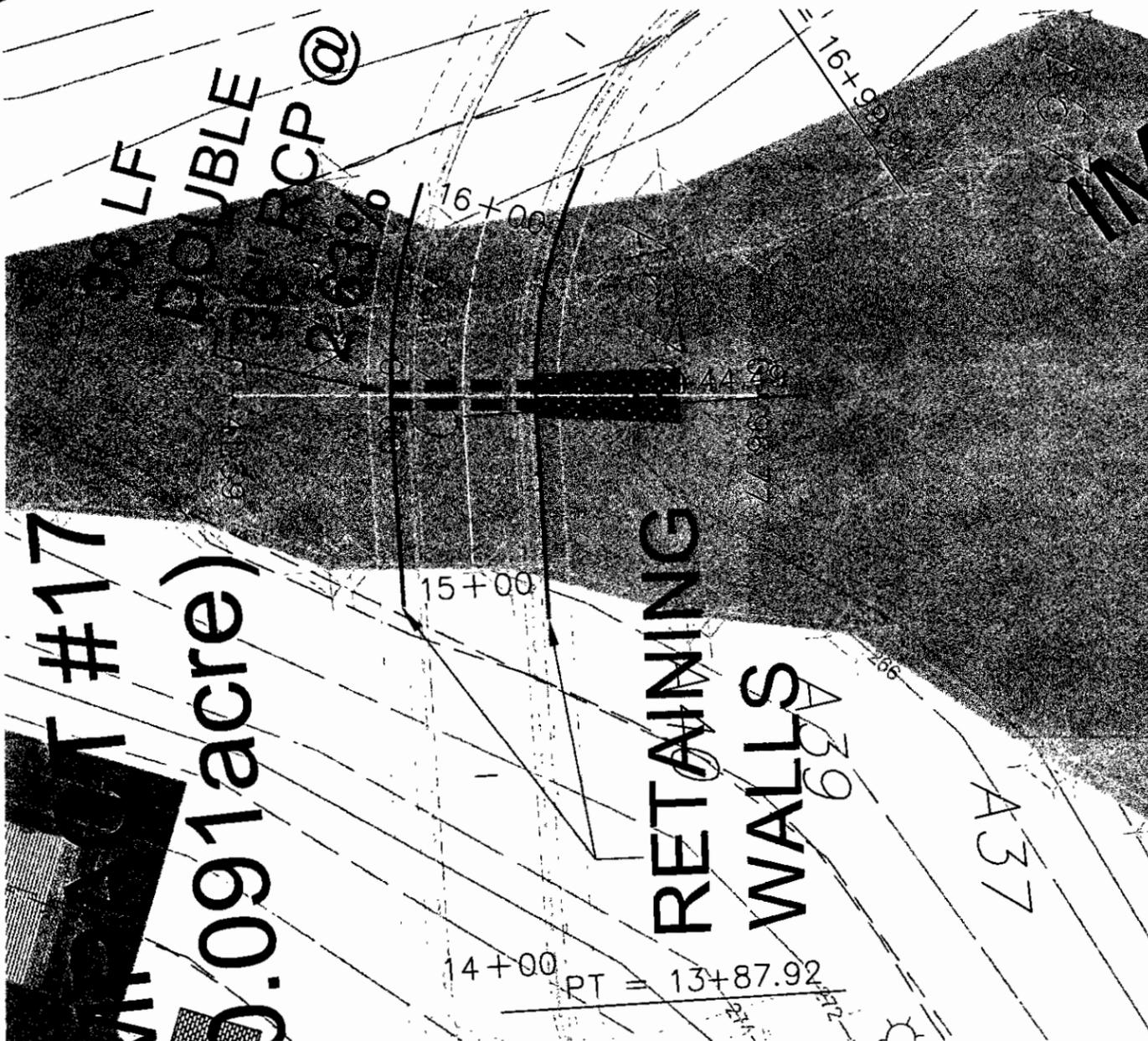
CONSULTING ENGINEERS & SURVEYORS
1403 NC Highway 90 South - Beaufort, NC 27504
Phone: (919) 894-7765 Fax: (919) 894-8190
E-mail: enocheng@earthlink.net



276.3	277.21	272.5	275.57	268.5	274.19	266.0	273.05	268.0	272.17	271.1	271.53	271.7	271.14
14+00		15+00		16+00		17+00							

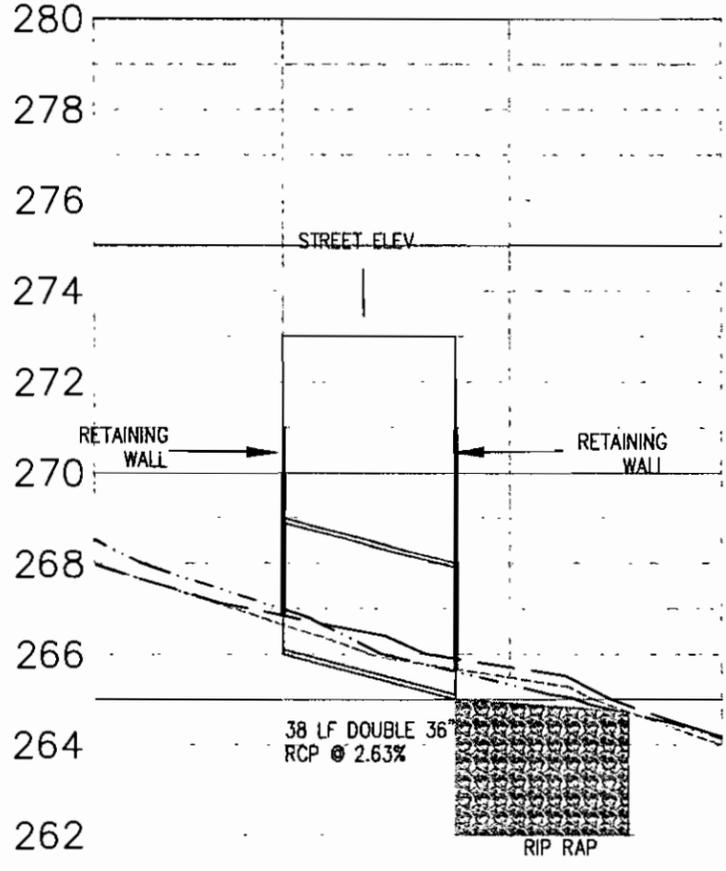
<p>S-11a</p> <p>EE PROJECT: 2006</p>	<p>PLAN AND PROFILE IMPACT #17 WETLAND IMPACTS LEXINGTON PLANTATION</p>	<p>LOCATION: HWY 67 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY</p>	<p>Revisions</p>	<p>PLAN INFORMATION: DESIGNED BY: EE, PA</p>	<p>HORIZONTAL SCALE: 1" = 40'</p>	<p>Enoch Engineers, P.A. CONSULTING ENGINEERS & SURVEYORS 1403 NC Highway 50 South - Durham, NC 27704 Phone: (919) 894-7743 Fax: (919) 894-8190 E-mail: enochengineers@verizon.net</p>	
		<p>PROPERTY OWNERS: LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2101 SURF CITY, NC 28445</p>	<p>CHECKED BY: JESR</p>	<p>VERTICAL SCALE: 1" = 4'</p>	<p>DATE CREATED: 08/12/07</p>		

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PLAN SCALE:
 1" = 40'
 PROFILE SCALE:
 H: 1" = 40'
 V: 1" = 4'

PROFILE RIGHT - - - - -
 PROFILE LEFT ————



OUTLET PROTECTION #17

HW25= 4.05 FT
 Q25= 100.00 CFS
 V25= 15.30 FPS
 D₀ = 3.75 FT
 ZONE 5, CLASS 2 RIP RAP
 La = 10 x D₀ = 38 FT
 D₅₀= 30" - DEPTH 36" w/ LINING
 W₁= 3xD₀ = 11.25 FT
 W₂= 1.25xW₁ = 14.06 FT

268.0	266.6	265.5	264.0
0+00			

S-11b

**PLAN AND PROFILE
 IMPACT #17
 WETLAND IMPACTS
 LEXINGTON PLANTATION**

LOCATION:
 HWY 87
 NEAR SPOUT SPRINGS
 ANDERSON CREEK TOWNSHIP
 HARNETT COUNTY

PROPERTY OWNERS:
 LEXINGTON PLANTATION
 INVESTORS, LLC
 P.O. BOX 2191
 SURF CITY, NC 28445

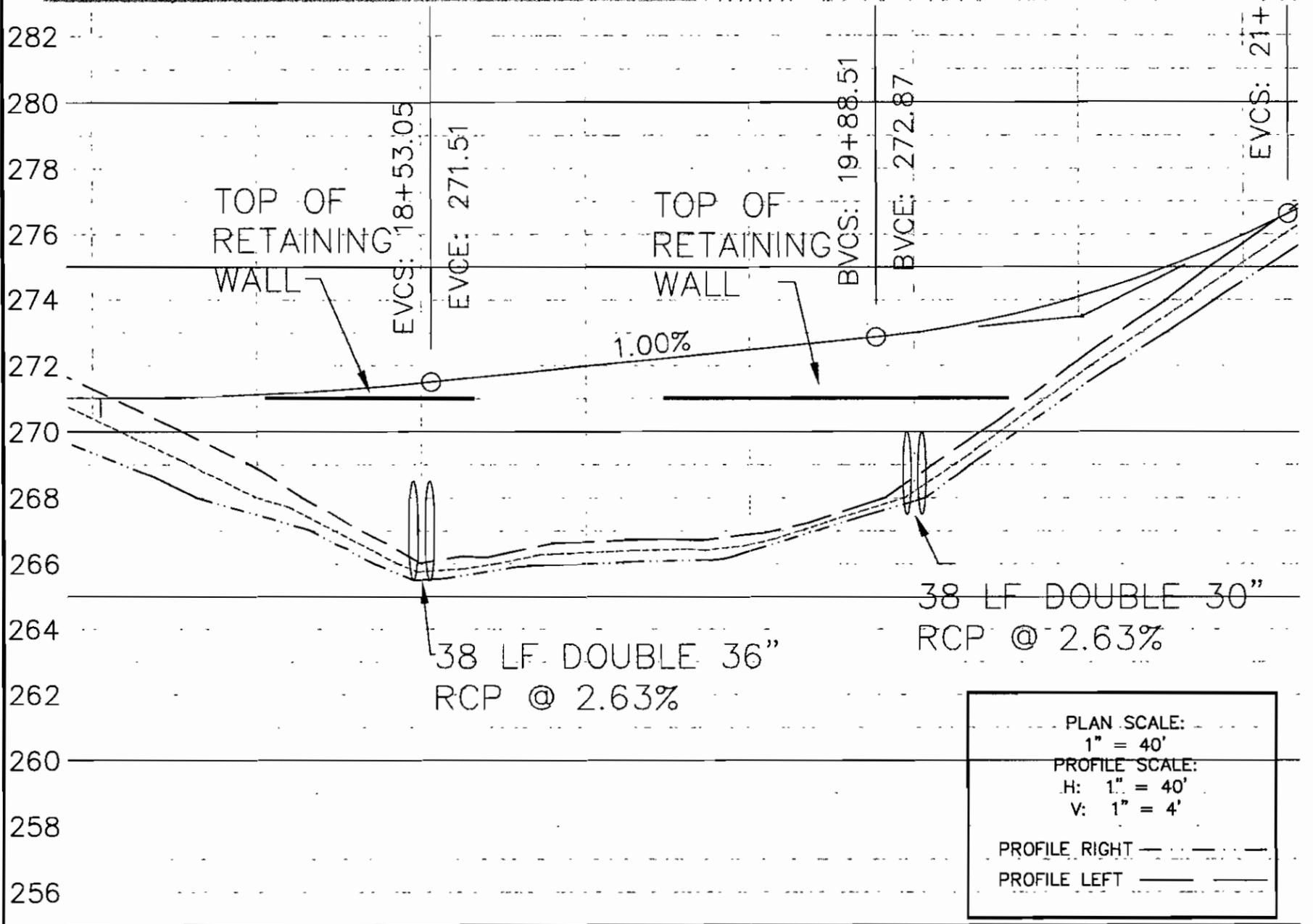
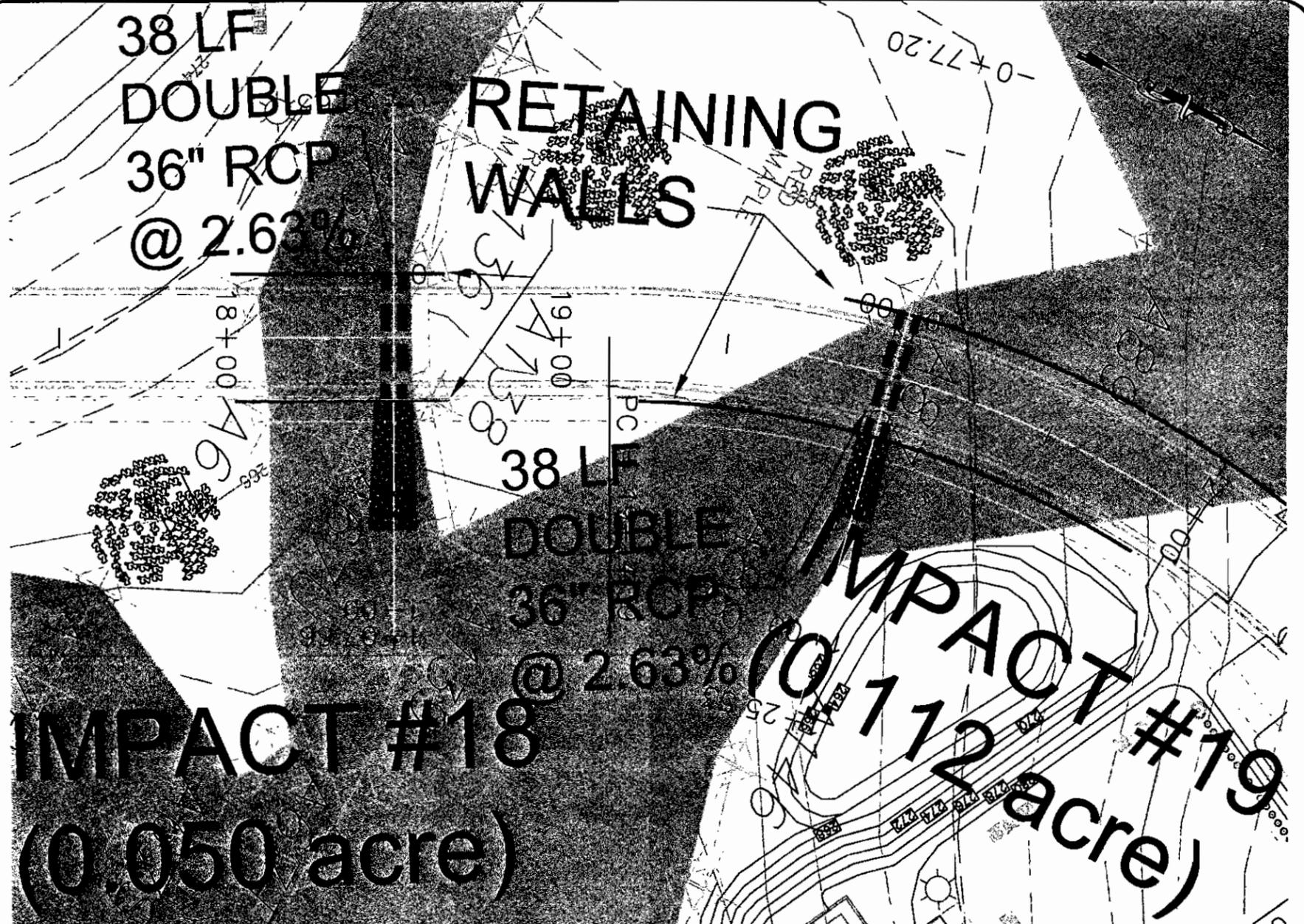
Revisions	PLAN INFORMATION:
	DESIGNED BY: EE, PA
	HORIZONTAL SCALE: 1" = 40'
	DRAWN BY: JESR
	VERTICAL SCALE: 1" = 4'
	CHECKED BY: JESR
	DATE CREATED: 08/12/07
	SURVEY INFORMATION: NOTES
	NOTES

Enoch
Engineers, P.A.

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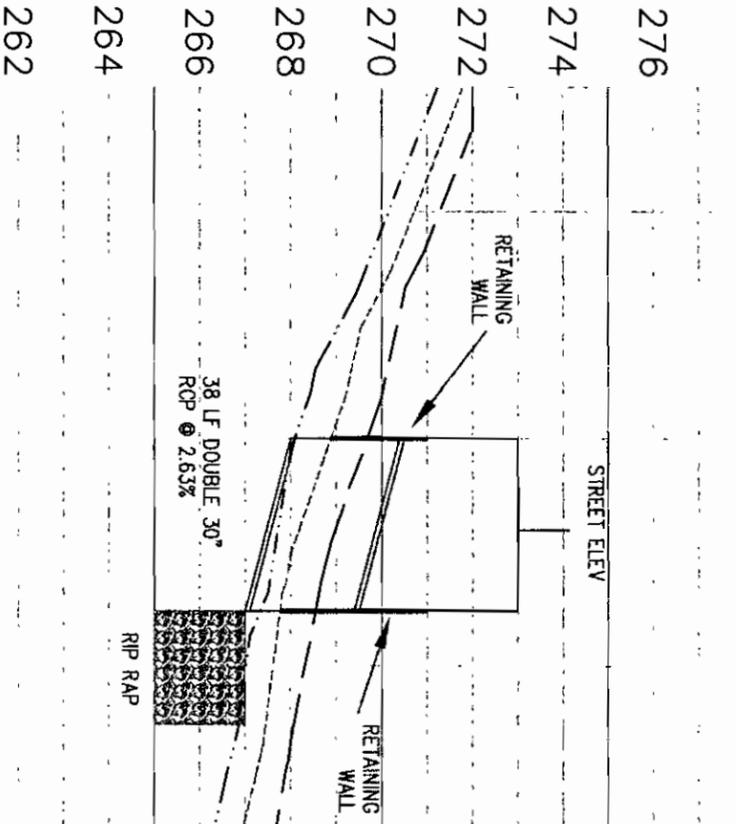
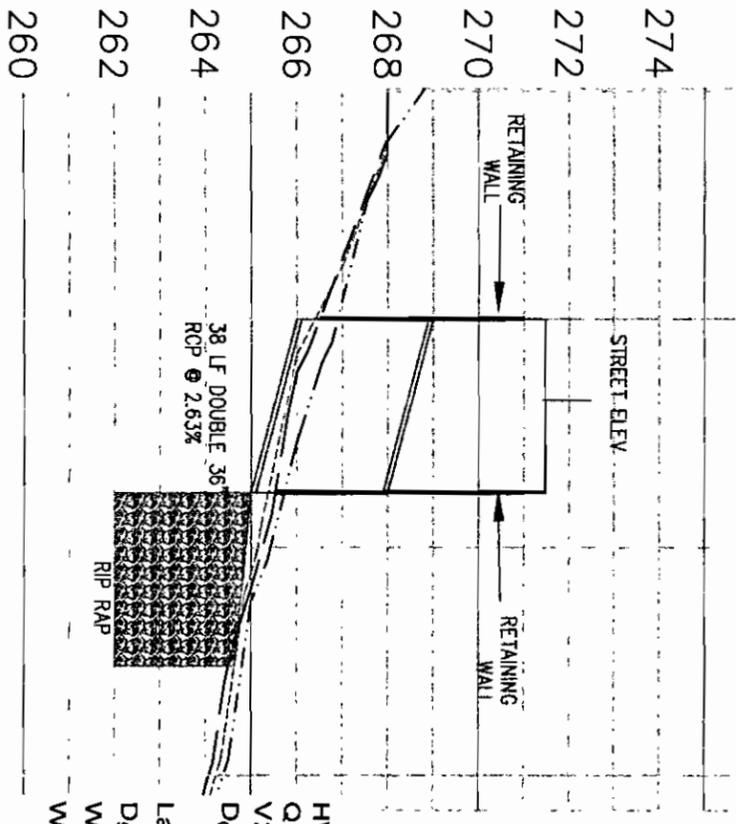
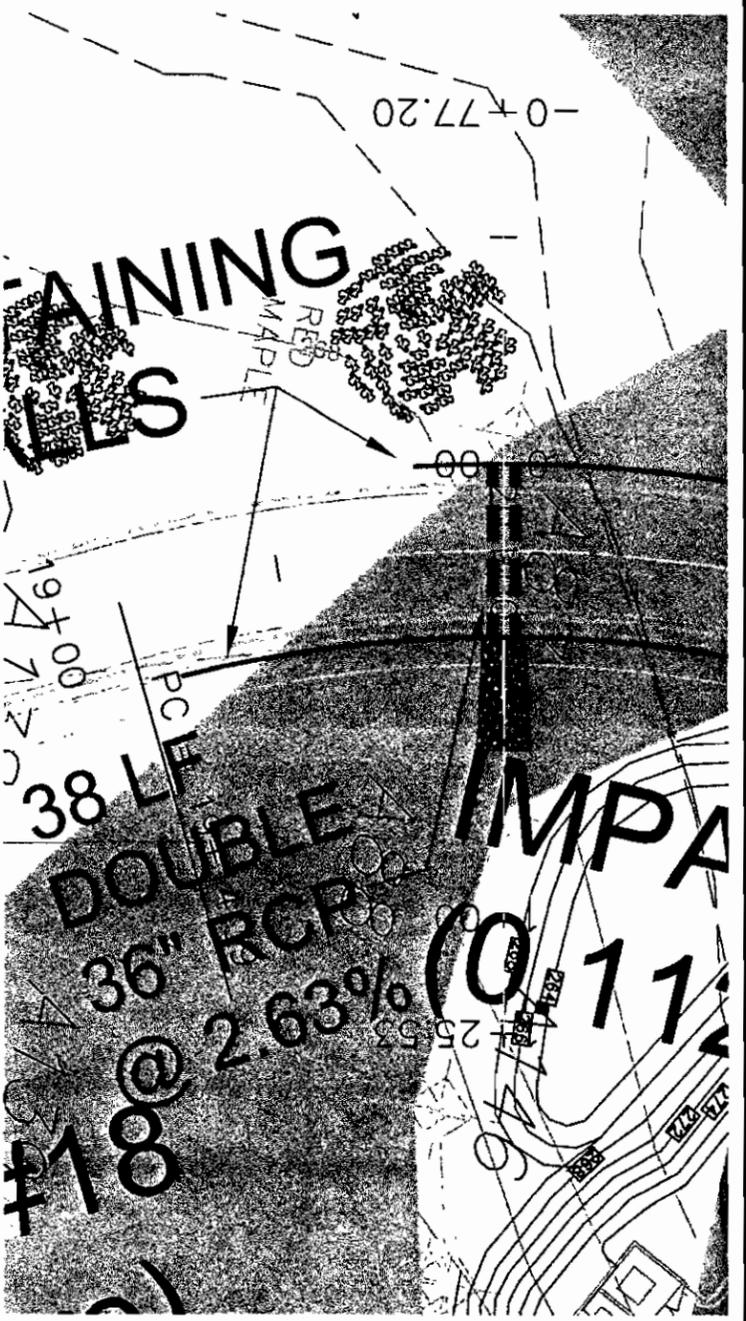
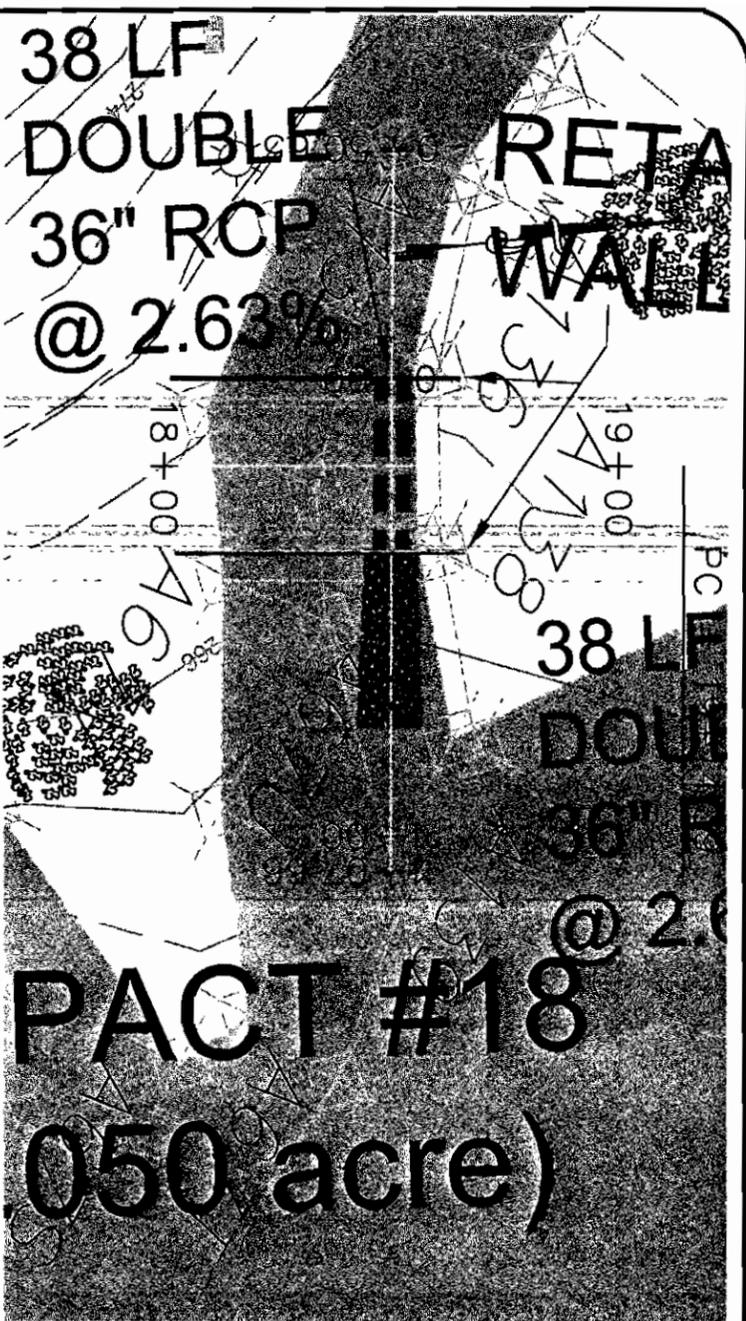
PLAN SCALE:
1" = 40'
PROFILE SCALE:
H: 1" = 40'
V: 1" = 4'

PROFILE RIGHT — — — — —
PROFILE LEFT — — — — —

270.4	271.01	268.0	271.12	265.8	271.48	266.3	271.98	266.6	272.49	268.2	273.01	271.7	274.09	275.2	275.98
18+00				19+00				20+00				21+00			

<p>S-12a</p>	<p>PLAN AND PROFILE IMPACT #18 & #19 WETLAND IMPACTS LEXINGTON PLANTATION</p>	<p>LOCATION: HWY 87 NEAR SPOUT SPRINGS ANDERSON CREEK TOWNSHIP HARNETT COUNTY</p>	<p>Revisions</p>	<p>PLAN INFORMATION: DESIGNED BY: EE, PA</p>	<p>HORIZONTAL SCALE: 1" = 40'</p>	<p>Enoch Engineers, P.A. CONSULTING ENGINEERS & SURVEYORS 1403 NC Highway 50 South - Benson, NC 27524 Phone: (919) 894-7765 Fax: (919) 894-8190 E-mail: enocheng@aol.com</p>	
		<p>PROPERTY OWNER: LEXINGTON PLANTATION INVESTORS, LLC P.O. BOX 2191 SURF CITY, NC 28448</p>	<p>CHECKED BY: JEGSR</p>	<p>VERTICAL SCALE: 1" = 4'</p>	<p>DATE CREATED: 08/12/07</p>		

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PLAN SCALE:
1" = 40'
PROFILE SCALE:
H: 1" = 40'
V: 1" = 4'

PROFILE RIGHT - - - - -
PROFILE LEFT - - - - -

OUTLET PROTECTION #18

HW25= 4.80 FT
Q25= 115.73 CFS
V25= 15.30 FPS
D₀ = 3.75 FT
La = 10 x D₀ = 38 FT
D₅₀ = 30" - DEPTH 36" w/ LINING
W₁ = 3x D₀ = 11.25 FT
W₂ = 1.25x W₁ = 14.06 FT

OUTLET PROTECTION #19

HW25= 2.85 FT
Q25= 43.65 CFS
V25= 13.55 FPS
D₀ = 3.13 FT
La = 8 x D₀ = 25 FT
D₅₀ = 18" - DEPTH 24" w/ LINING
W₁ = 3x D₀ = 9.38 FT
W₂ = 1.25x W₁ = 11.72 FT

268.0	0+00	266.4	1+00
		265.1	
		264.2	
		264.0	

271.8	0+00	270.7	1+00
		268.9	
		267.6	
		266.7	
		266.0	

S - 12b

PLAN AND PROFILE IMPACT #18 & #19 WETLAND IMPACTS LEXINGTON PLANTATION

LOCATION:
HWY 87
NEAR SPOUT SPRINGS
ANDERSON CREEK TOWNSHIP
HARRIETT COUNTY

PROPERTY OWNERS:
LEXINGTON PLANTATION
INVESTORS, LLC
P.O. BOX 2191
SURF CITY, NC 28448

Revisions	PLAN INFORMATION
	DESIGNED BY: EE, PA
	DRAWN BY: JES, JES, JES, JES, JES
	CHECKED BY: JES
	DATE CREATED: 08/12/07
	SURVEY INFORMATION
	NOTES

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

Enoch Engineers, P.A.
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