

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N # SAC 2007-53-8IN

JANUARY 12, 2007

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

ARUM COMPOSITES, LLC
C/O MR. DAN MARTINELLI
2711 CENTERVILLE ROAD, SUITE 300 (PMB 811)
WILMINGTON, DELAWARE 19808

for a permit to place fill material in jurisdictional wetlands adjacent to

BEASLEY CREEK

at a location near the intersection of Wilson Boulevard (US Highway 21) and Farrow Road (SC Highway 555) in Richland County, South Carolina (Latitude – 34.19076, Longitude 80.97709).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, FEBRUARY 12, 2007

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the development of a 466-acre tract of land to construct a regional data processing facility. The project site includes 40.89 acres of jurisdictional wetlands and other waters of the United States. The proposed project will result in the placement of fill material in 14.41 acres of jurisdictional wetlands and 0.20 acres of non-jurisdictional wetlands to construct eight data management buildings, two electrical substations, cooling towers, detention ponds, and associated support facilities. In addition, a 0.38 acre non-jurisdictional wetland will be excavated and backfilled for use as a construction support area.

As compensatory mitigation for the proposed impacts to waters of the United States, the applicant has agreed to preserve by restrictive covenants approximately 26.73 acres of jurisdictional wetlands, 7,347 linear feet of streams, 2.5 acres of non-jurisdictional wetlands, and 77.39 acres of upland buffers on the project site. The applicant has also proposed to remove an old farm pond dam that is affecting flow within a tributary on the

project site, and to remove kudzu and privet which is affecting approximately 0.75 acres of jurisdictional wetlands and 1.25 acres of upland buffers. Off-site opportunities to provide additional mitigation for the proposed wetland impacts are being pursued by the applicant in the Broad, Congaree, and Wateree River basins through the establishment of a wetland mitigation trust fund. The project purpose is to develop a data processing facility with all necessary features and appurtenances that meet the needs of Arum Composites, LLC for the reasonably foreseeable future.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The District Engineer will not process this application to a conclusion until such certification is received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to Water Quality Certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 14.99 acres of freshwater wetlands located upstream of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey [FWS Log No. 2006-I-0743] for the property associated with the activity described above. Based upon this report, the District Engineer has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein. The applicant has provided a letter [ID#734; FK009] from the

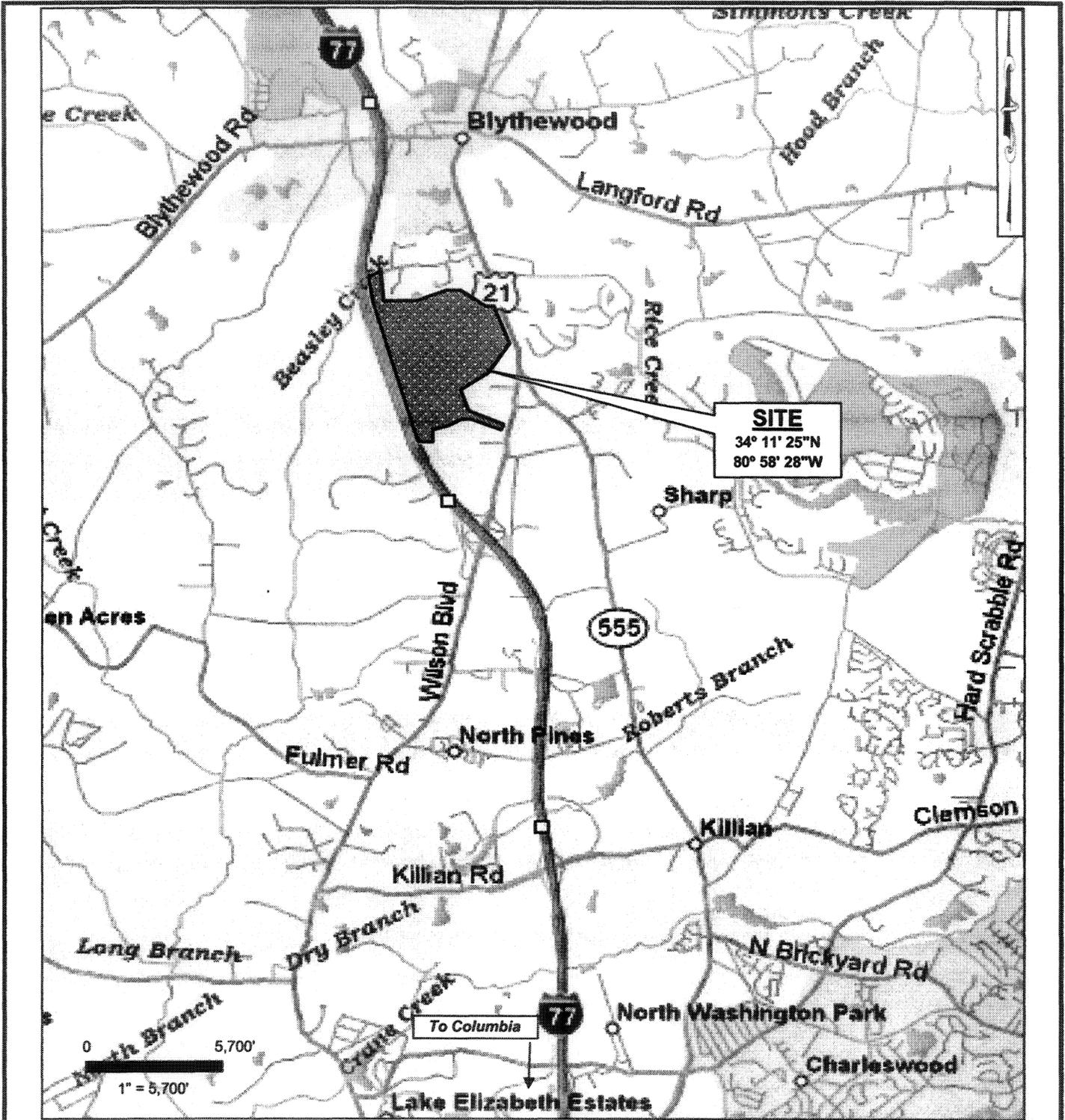
State Historic Preservation Office that indicates a cultural resources has been conducted on the project site and one area is considered eligible for the National Register of Historic Places. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the 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 project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project 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, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this 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 project. 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 and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

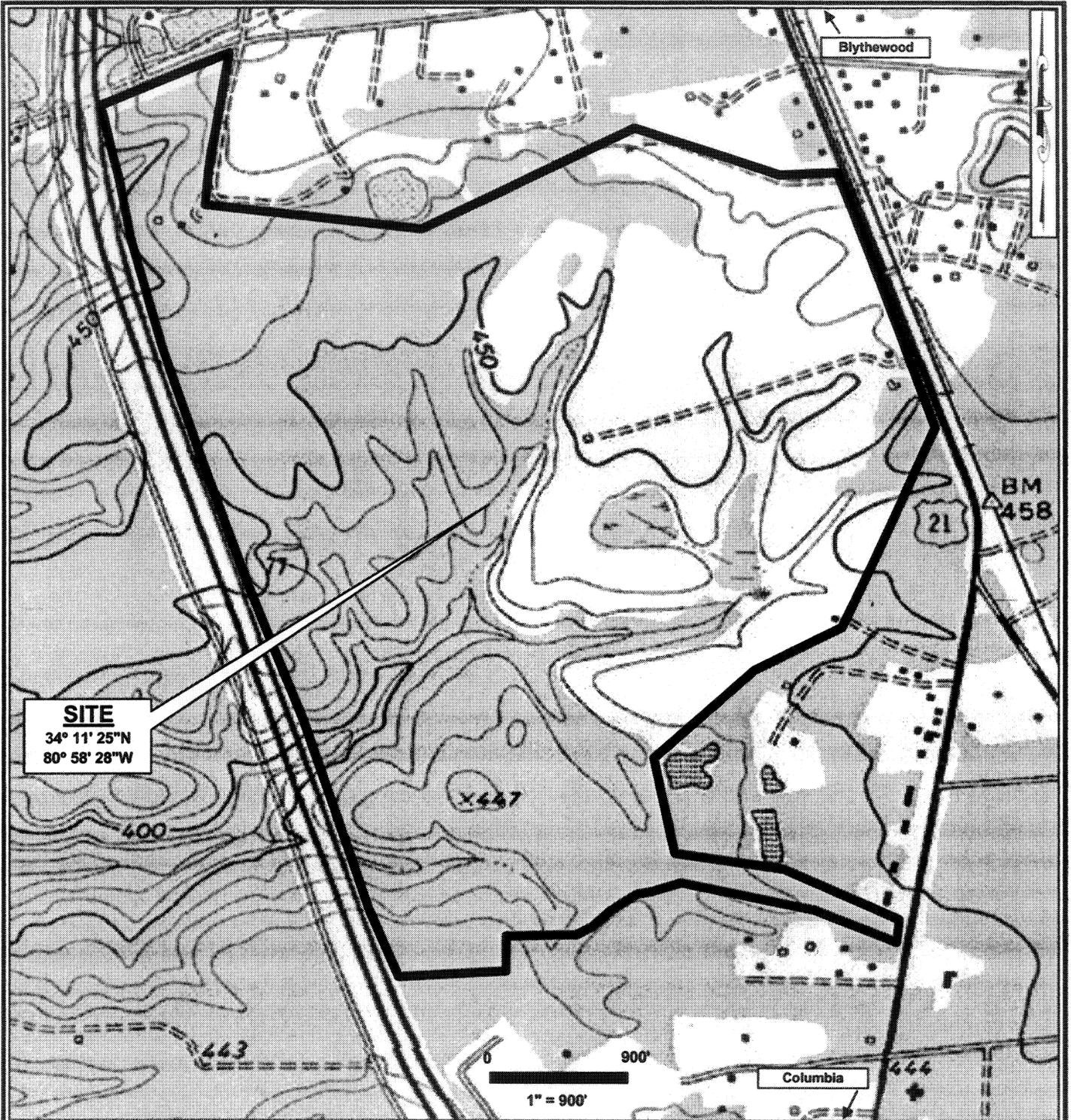
If there are any questions concerning this public notice, please contact Mr. Nat Ball at 843-329-8044 or toll free at 1-866-329-8187.



SOURCE: MAPQUEST.COM

SITE VICINITY MAP

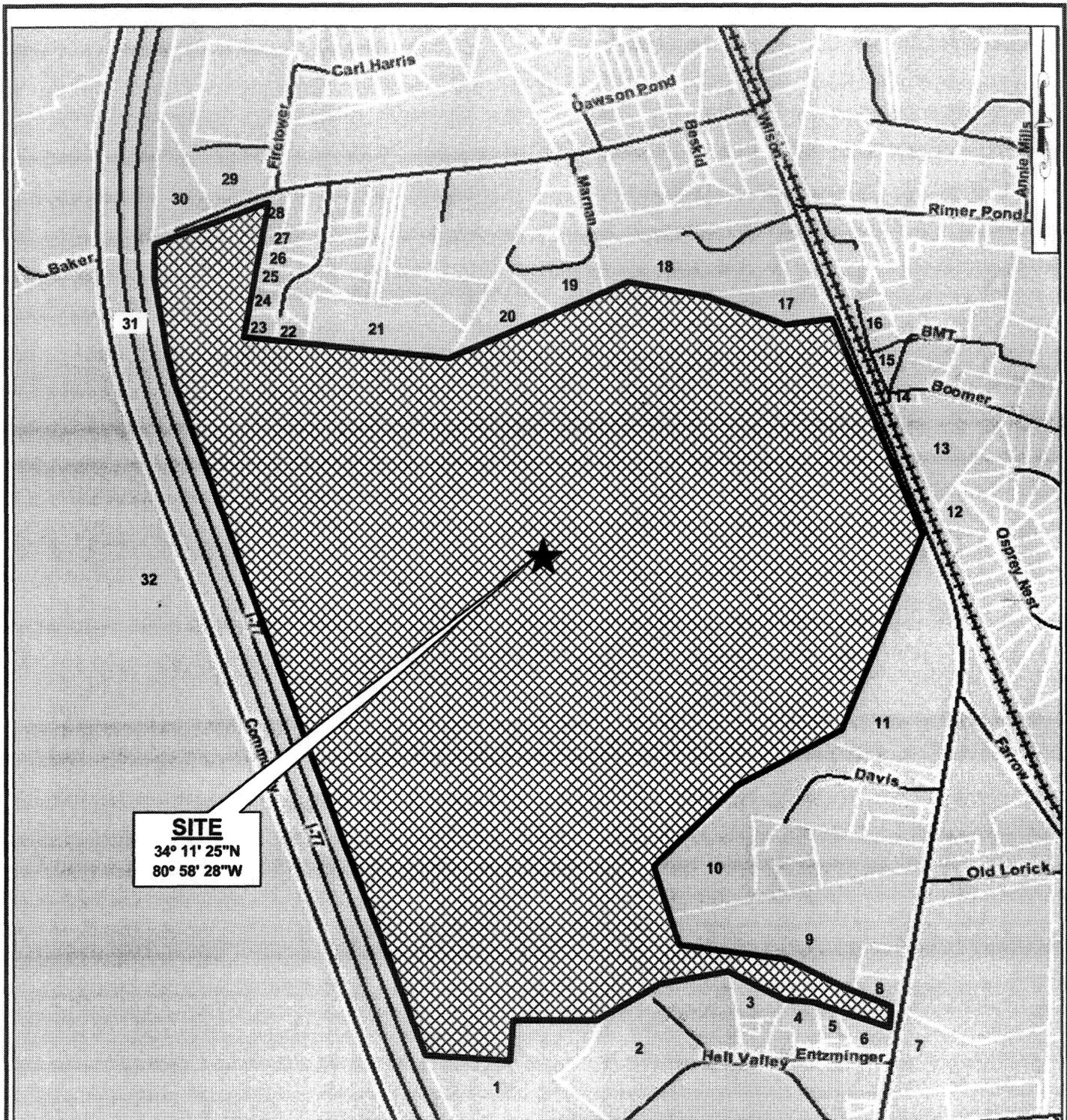
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Project Location:	RICHLAND COUNTY, SOUTH CAROLINA
Applicant:	ARUM COMPOSITES, LLC
Drawing scale:	1" = 5,700'
Date:	JANUARY 2, 2007
USACE P/N	Sheet 1 of 20



SOURCE: USGS 7.5-MINUTE TOPOGRAPHIC QUADRANGLE MAP
 BLYTHEWOOD, SC - 1971 (REVISED 1990)

TOPOGRAPHIC MAP

Project title:	PROJECT Y
Project Location:	RICHLAND COUNTY, SOUTH CAROLINA
Applicant:	ARUM COMPOSITES, LLC
Drawing scale:	1" = 900'
Date:	JANUARY 2, 2007
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SITE
 34° 11' 25"N
 80° 58' 28"W

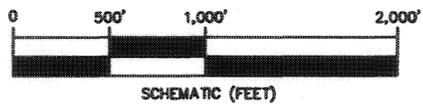
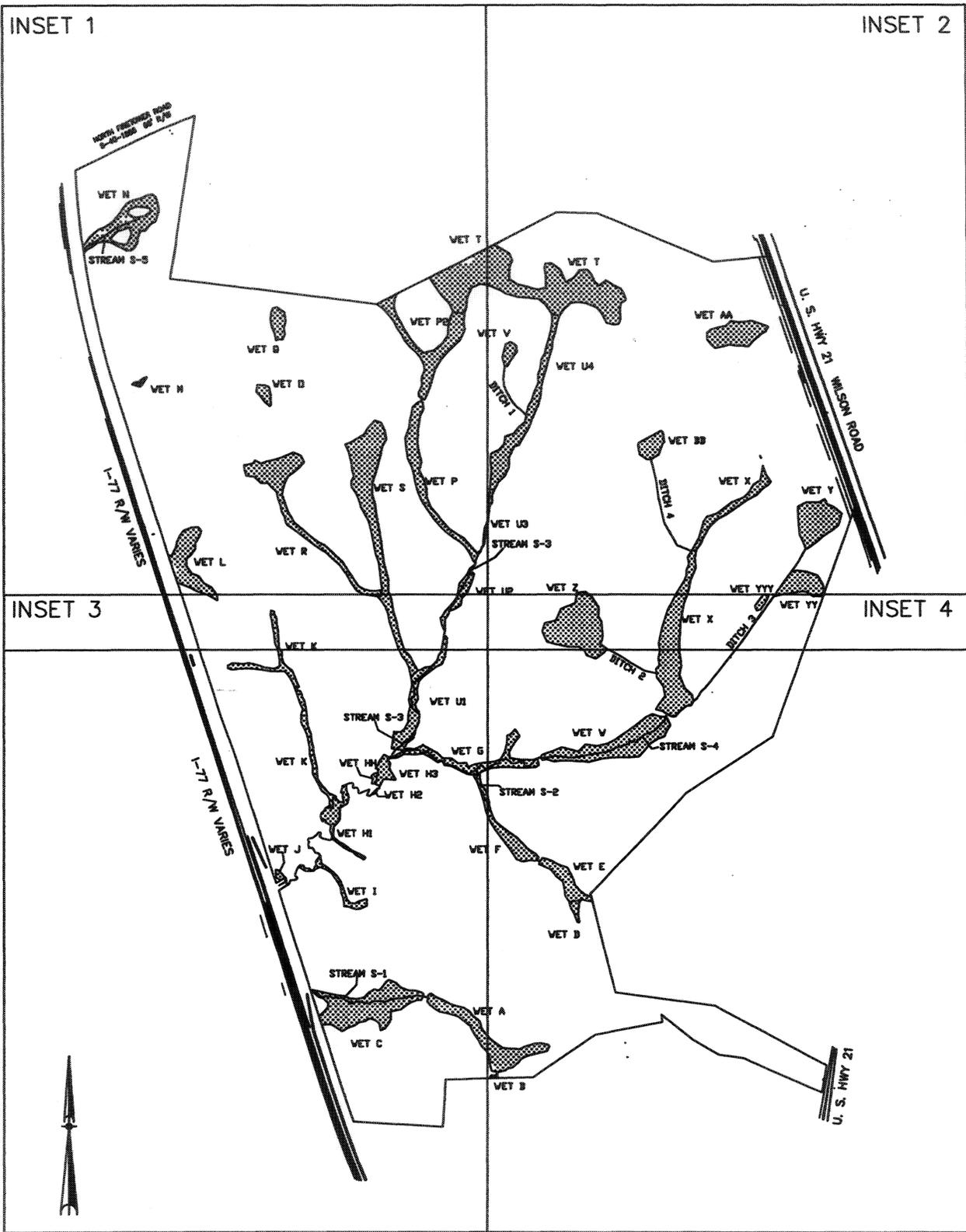
SOURCE: RICHLAND CO. GIS WEBSITE (www.richlandmaps.com)
 REFER TO BLOCK 24 FOR NAMES & ADDRESSES

ADJOINING PROPERTY OWNERS

Project title:	PROJECT Y
Project Location:	RICHLAND COUNTY, SOUTH CAROLINA
Applicant:	ARUM COMPOSITES, LLC
Drawing scale:	NTS
Date:	JANUARY 2, 2007
USACE P/N	
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INSET 1

INSET 2



EXISTING CONDITIONS

SOURCE: ADAPTED FROM PLANS BY BP BARBER & ASS.

Project Title:		PROJECT Y	
Project Location:		RICHLAND COUNTY, SOUTH CAROLINA	
Applicant:		ARUM COMPOSITES, LLC	
Drawing Scale:	1" = 1000'	Date:	JANUARY 2, 2007
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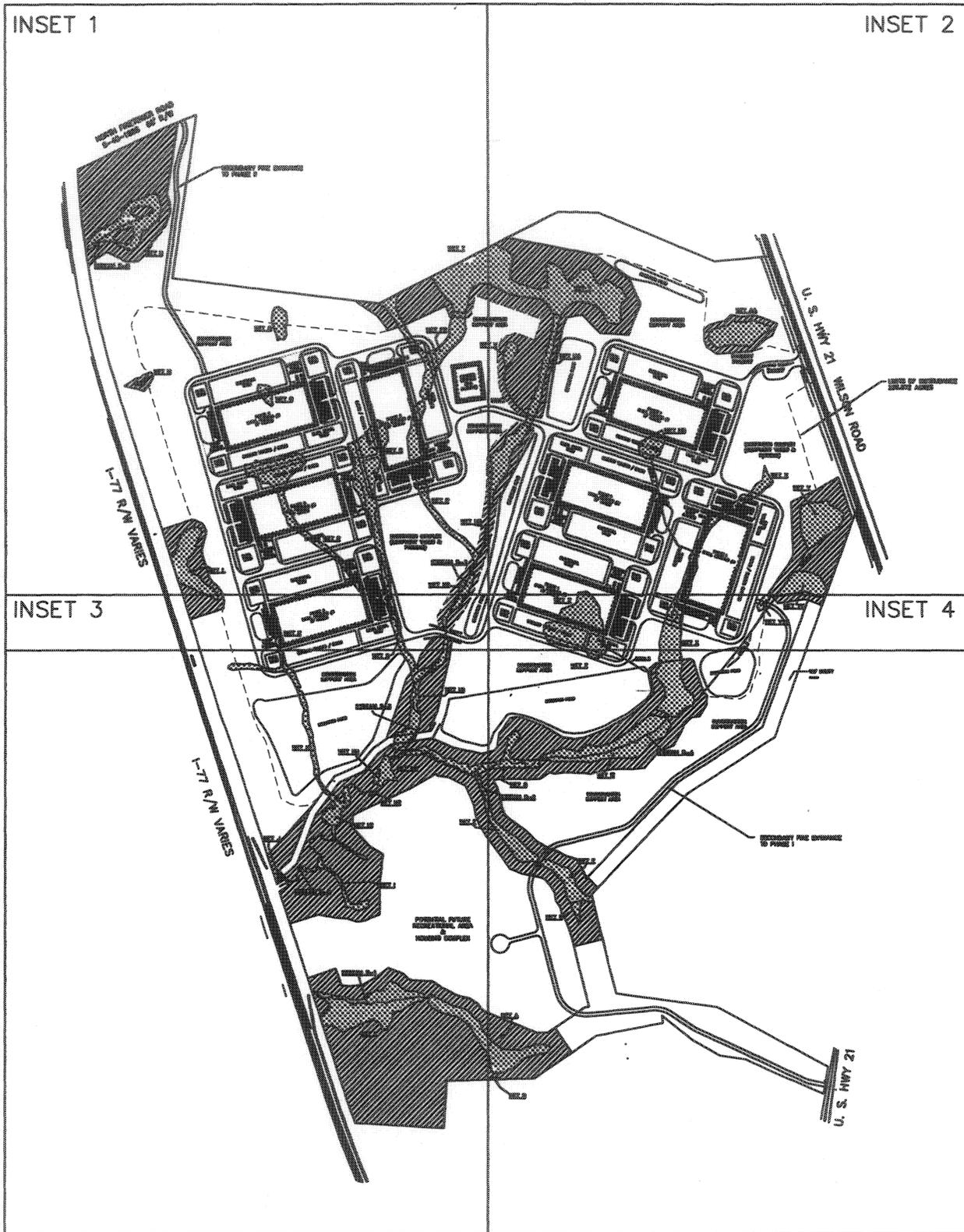
Revisions	
Date	Initials

INSET 1

INSET 2

INSET 3

INSET 4



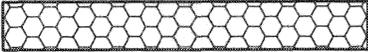
SCHEMATIC (FEET)

SHEET INDEX

Project Title:		PROJECT Y	
Project Location:		RICHLAND COUNTY, SOUTH CAROLINA	
Applicant:		ARUM COMPOSITES, LLC	
Drawing Scale:		1" = 1000'	Date:
USACE P/N:			JANUARY 2, 2007
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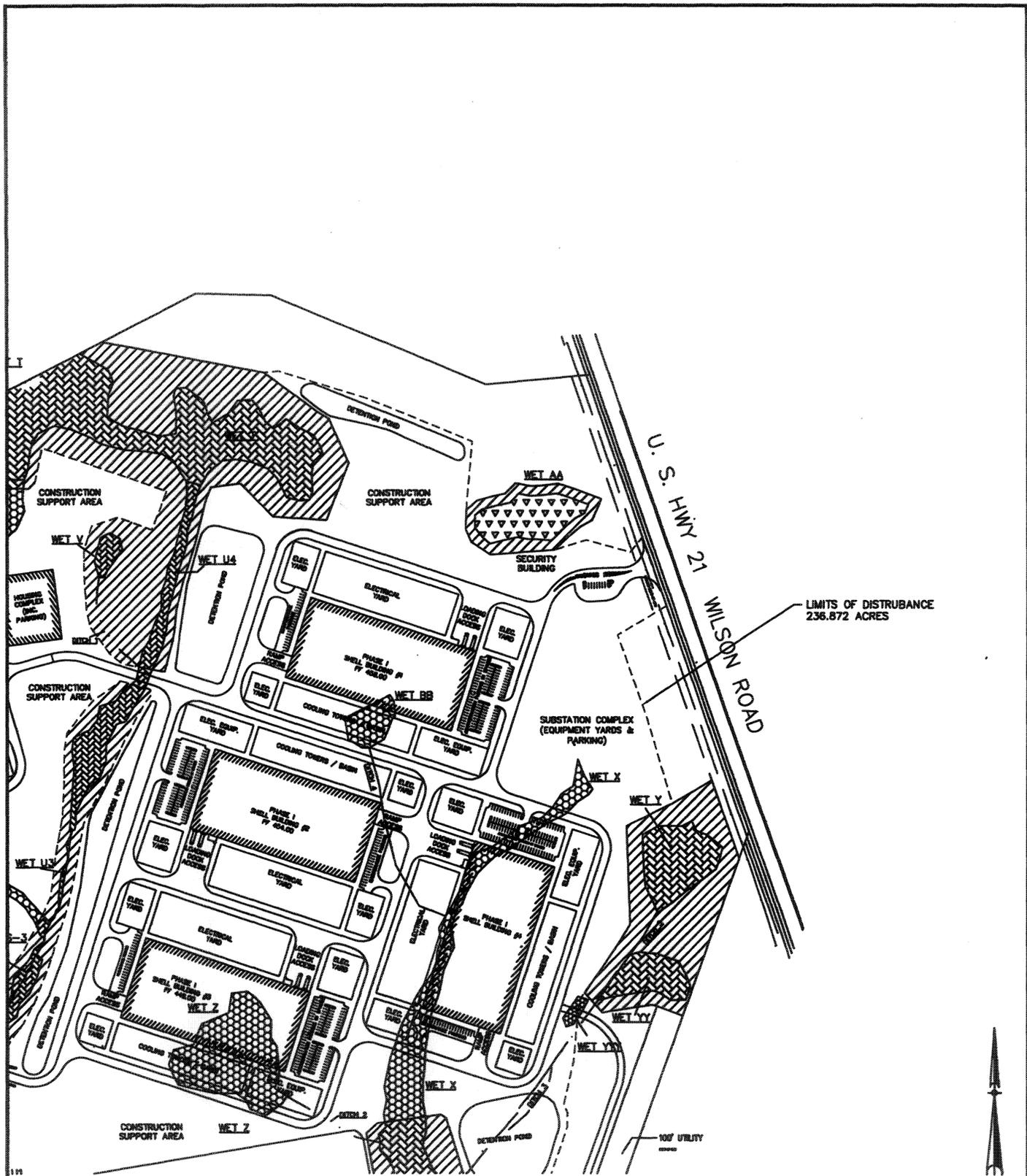
Revisions	
Date	Initials

LEGEND

	<u>LABEL</u>	<u>ACREAGE</u>
	JURISDICTIONAL WETLANDS TO BE FILLED	14.24
	JURISDICTIONAL WETLANDS TO BE PRESERVED	28.95
	NONJURISDICTIONAL WETLANDS TO BE PRESERVED	2.50
	NONJURISDICTIONAL WETLANDS TO BE FILLED	0.20
	NONJURISDICTIONAL WETLANDS TO BE EXCAVATED	0.38
	JURISDICTIONAL DITCHES TO BE FILLED	0.17
	UPLAND BUFFER	77.39
	TOTAL IMPACTS	14.99
	TOTAL SITE JURISDICTIONAL WATERS ACREAGE	40.89
	TOTAL SITE NONJURISDICTIONAL WETLANDS ACREAGE	3.08
	TOTAL UPLANDS	421.93
	TOTAL SITE ACREAGE	465.90

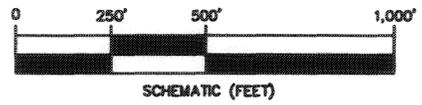
Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: NTS	Date: JANUARY 2, 2007
USACE P/N:	
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Date	Initials



LEGEND

- JURISDICTIONAL WETLANDS TO BE FILLED
- JURISDICTIONAL WETLANDS TO BE PRESERVED
- NONJURISDICTIONAL WETLANDS TO BE PRESERVED
- NONJURISDICTIONAL WETLANDS TO BE FILLED
- NONJURISDICTIONAL WETLANDS TO BE EXCAVATED
- JURISDICTIONAL DIVICHES TO BE FILLED
- UPLAND BUFFER

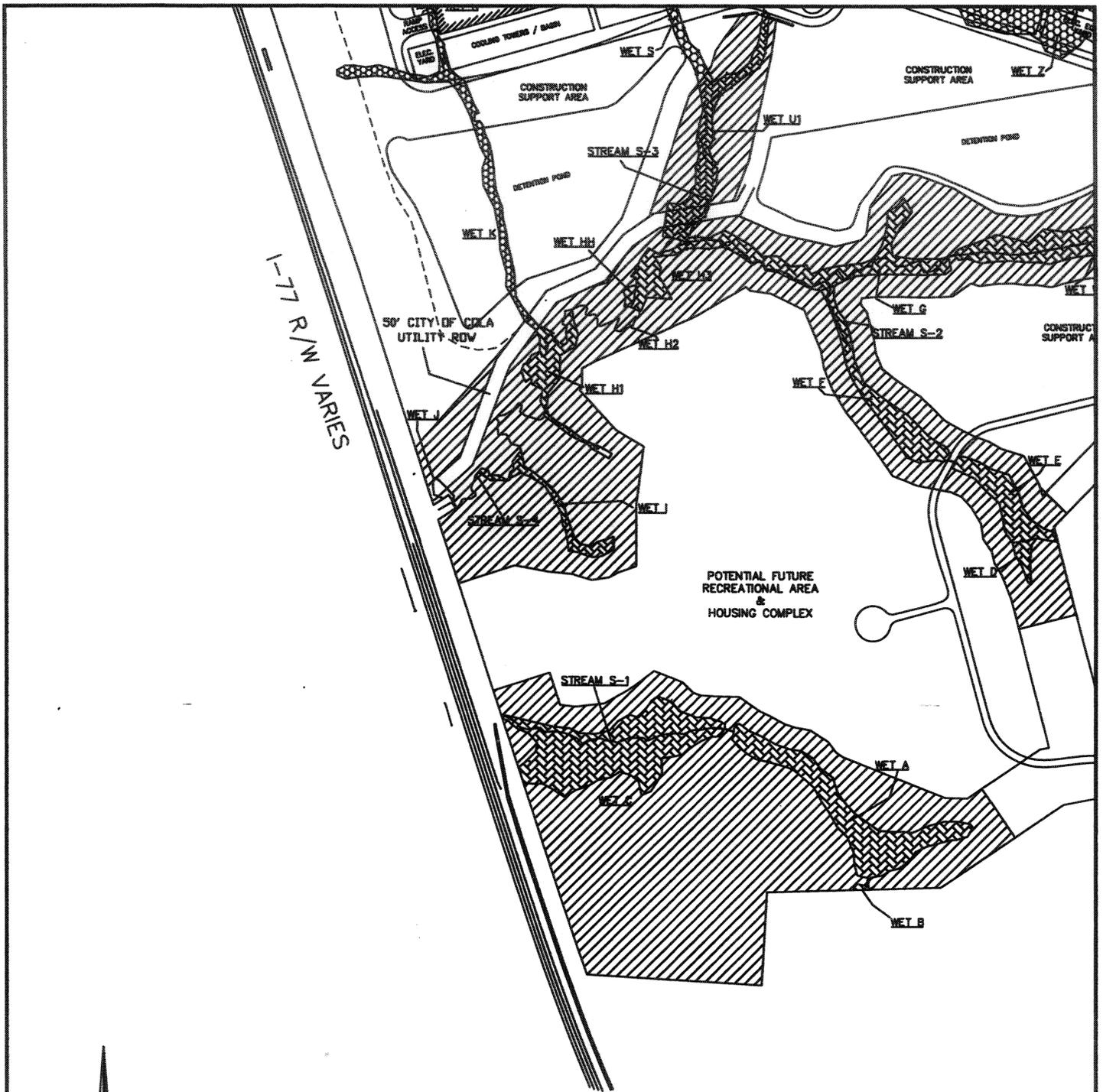


INSET 2

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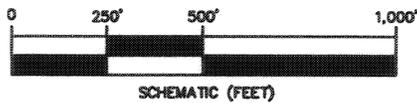
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Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 500'	Date: JANUARY 2, 2007
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LEGEND

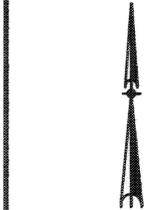
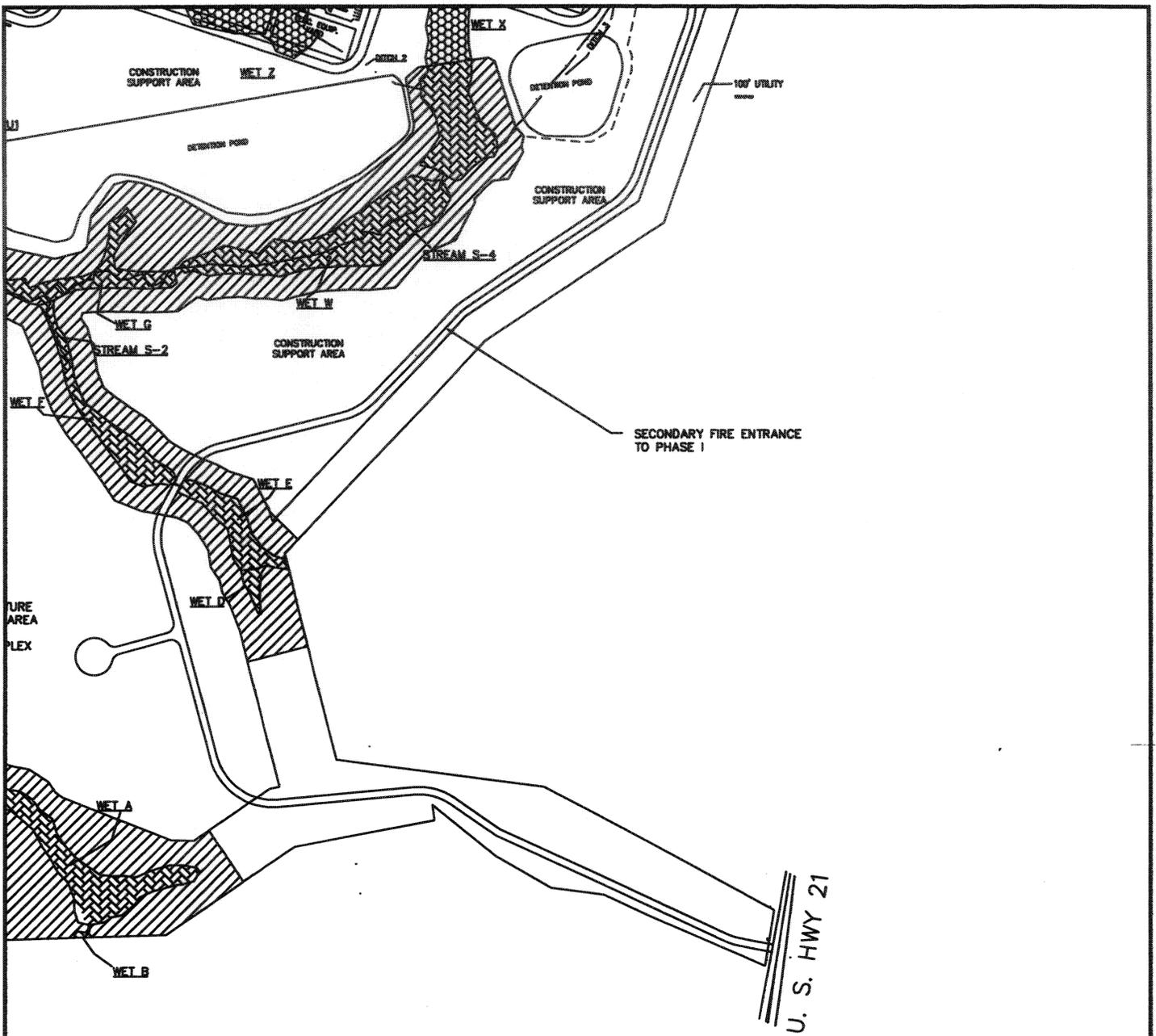
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| | WETLANDS TO BE PRESERVED |
| | WETLANDS TO BE PRESERVED |
| | WETLANDS TO BE FILLED |
| | WETLANDS TO BE ENCAVATED |
| | WETLANDS TO BE FILLED |
| | UPLAND BUFFER |



INSET 3

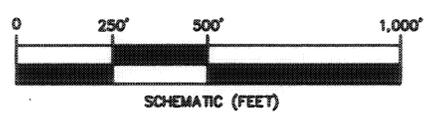
Revisions	
Date	Initials

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 500'	Date: JANUARY 2, 2007
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LEGEND

- JURISDICTIONAL WETLANDS TO BE FILLED
- JURISDICTIONAL WETLANDS TO BE PRESERVED
- NONJURISDICTIONAL WETLANDS TO BE PRESERVED
- NONJURISDICTIONAL WETLANDS TO BE FILLED
- NONJURISDICTIONAL WETLANDS TO BE EXCAVATED
- JURISDICTIONAL DITCHES TO BE FILLED
- UPLAND BUFFER

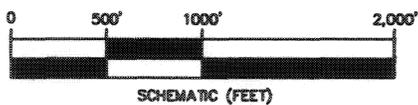


INSET 4

SOURCE: ADAPTED FROM PLANS BY BP BARBER & ASS.

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 500'	Date: JANUARY 2, 2007
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Date	Initials

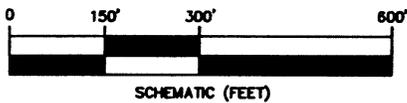
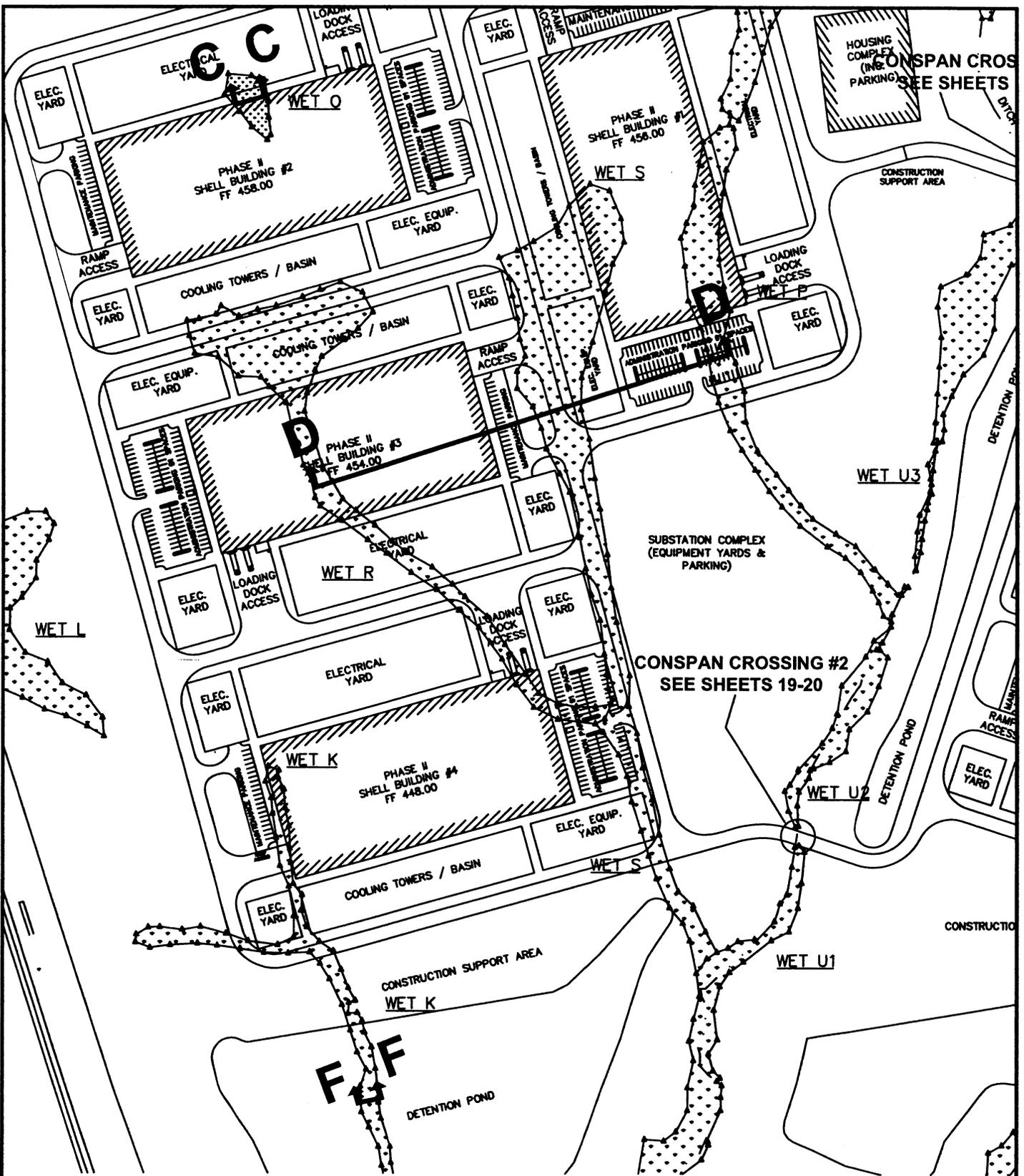


WETLAND CROSS SECTION
SHEET INDEX

SOURCE: ADAPTED FROM PLANS BY BP BARBER & ASS.

Revisions	
Date	Initials

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 1000'	Date: JANUARY 2, 2007
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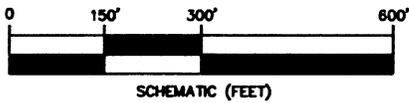
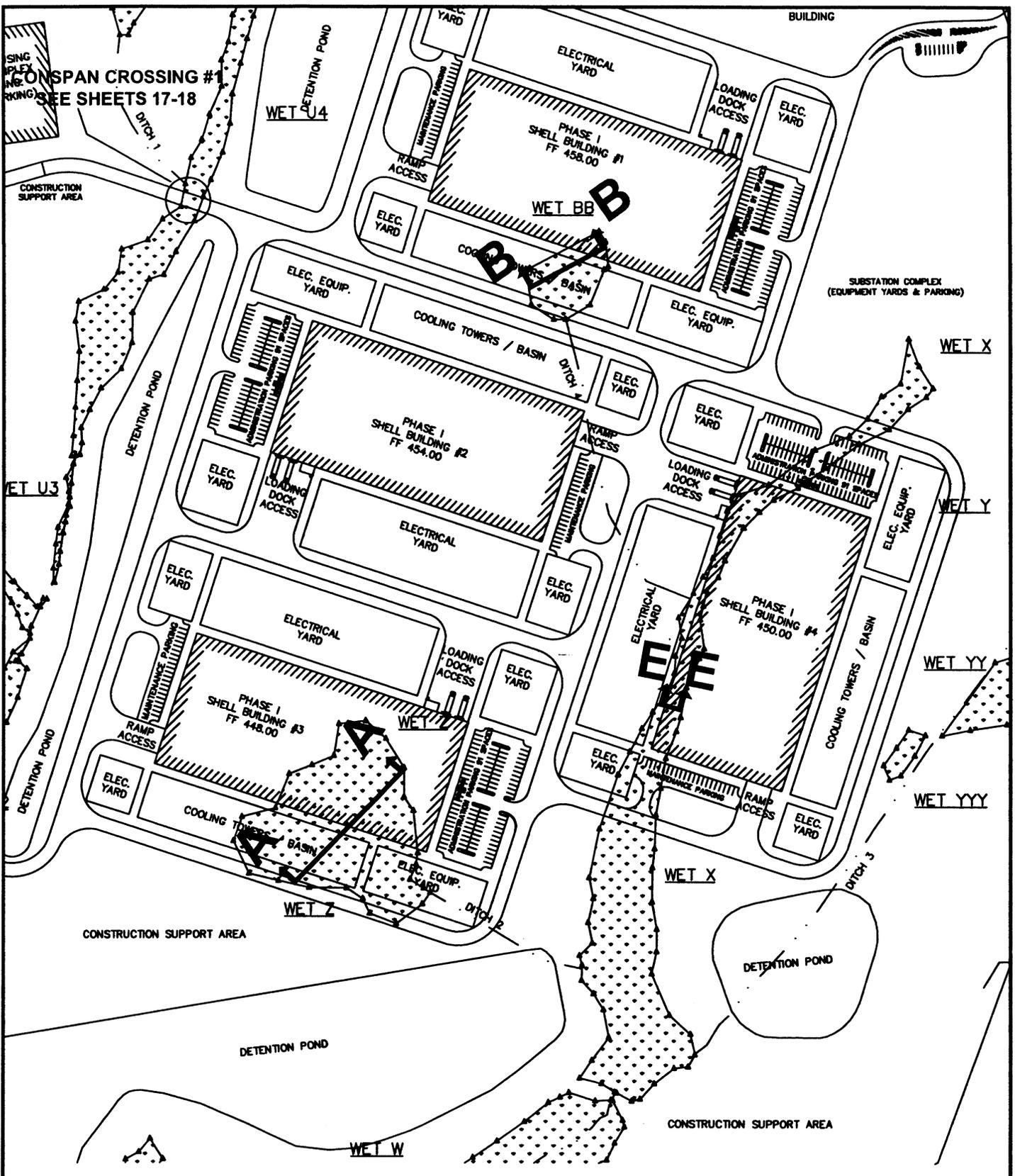


WETLAND CROSS SECTION
INSET 1

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 300'	Date: JANUARY 2, 2007
USACE P/N:	Sheet 12 of 20

Revisions	
Date	Initials

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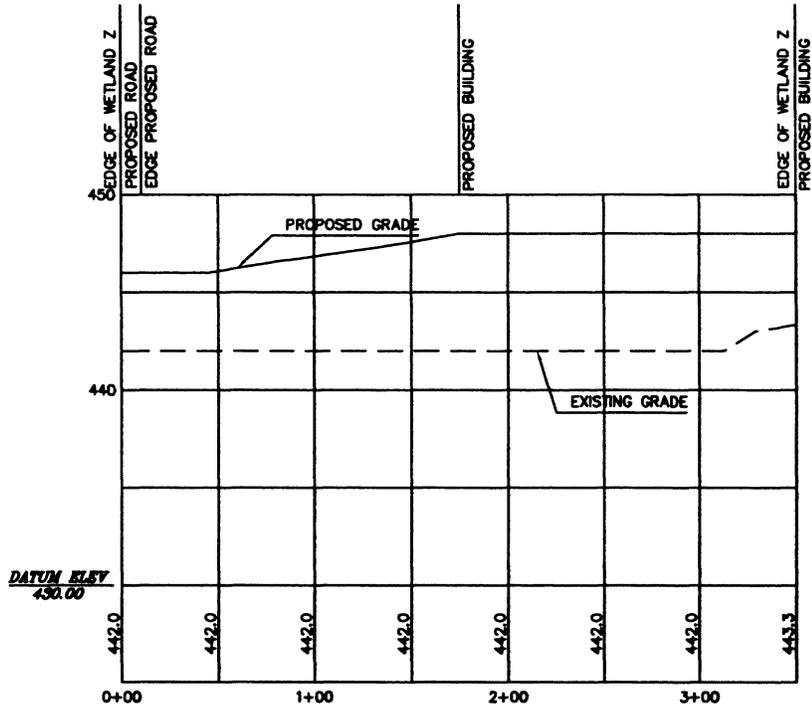


WETLAND CROSS SECTION
INSET 2

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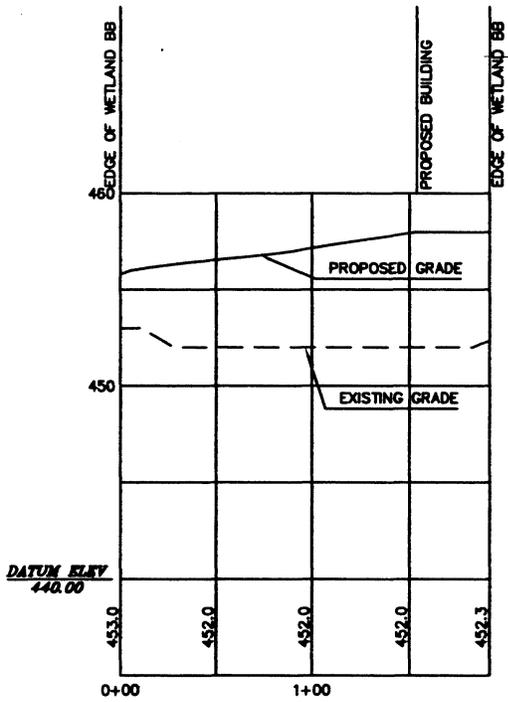
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Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 300'	Date: JANUARY 2, 2007
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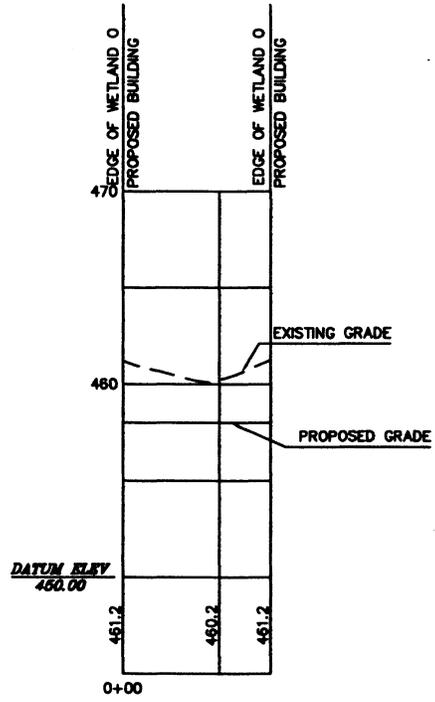
WETLAND CROSSING A-A

SCALE: HORZ. 1" = 100' VERT. 1" = 10'



WETLAND CROSSING B-B

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

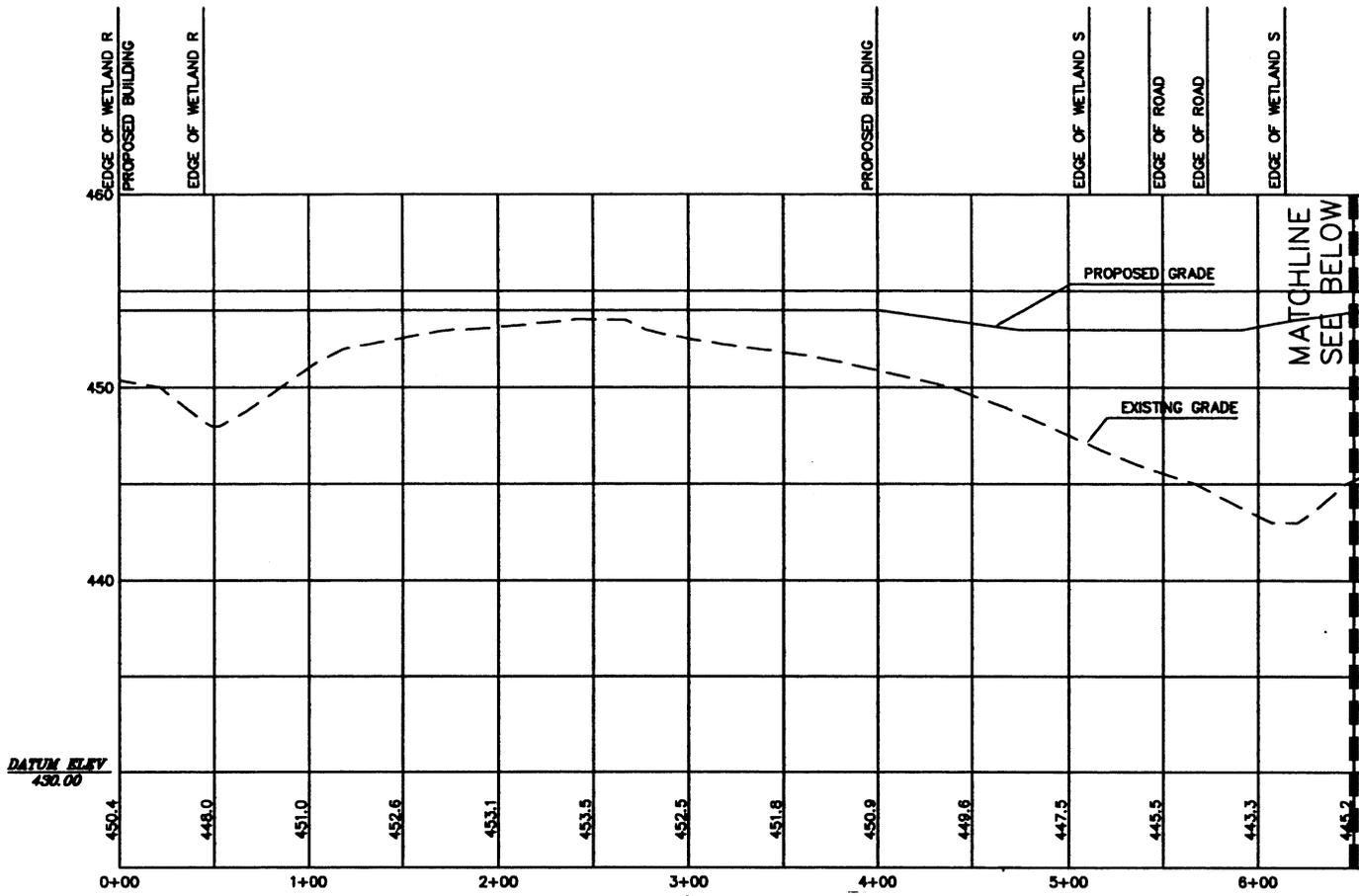


WETLAND CROSSING C-C

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

Project Title:		PROJECT Y	
Project Location:		RICHLAND COUNTY, SOUTH CAROLINA	
Applicant:		ARUM COMPOSITES, LLC	
Drawing Scale:		AS SHOWN	Date: JANUARY 2, 2007
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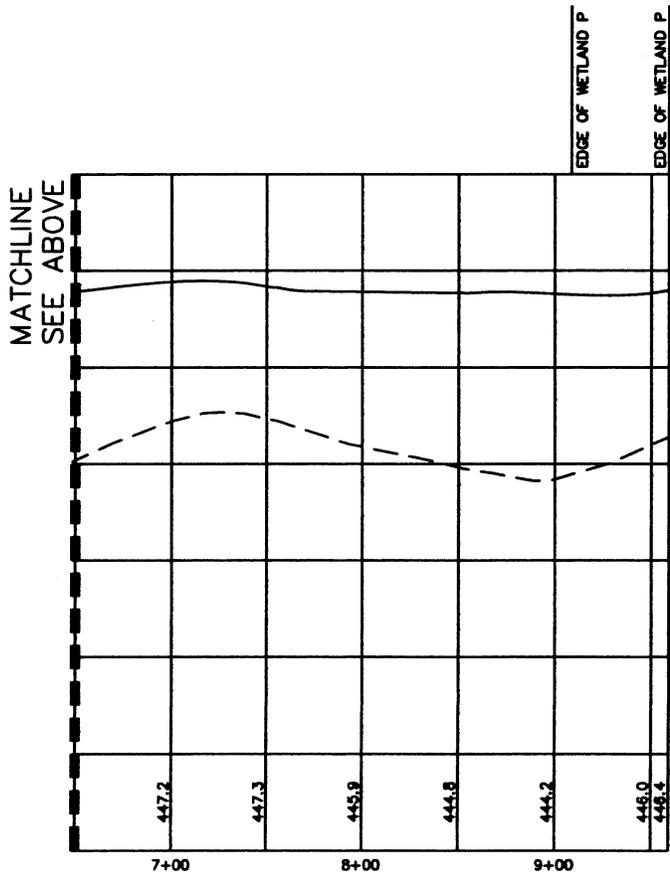
Revisions	
Date	Initials



WETLAND CROSSING D-D

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

SOURCE: ADAPTED FROM PLANS BY JP BARBER & ASS.

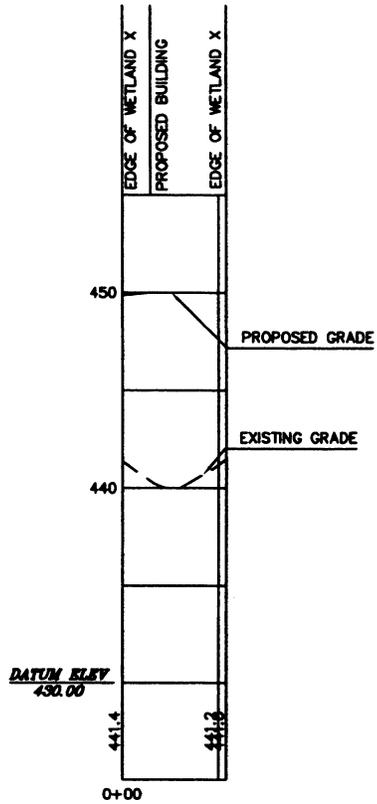


WETLAND CROSSING D-D

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

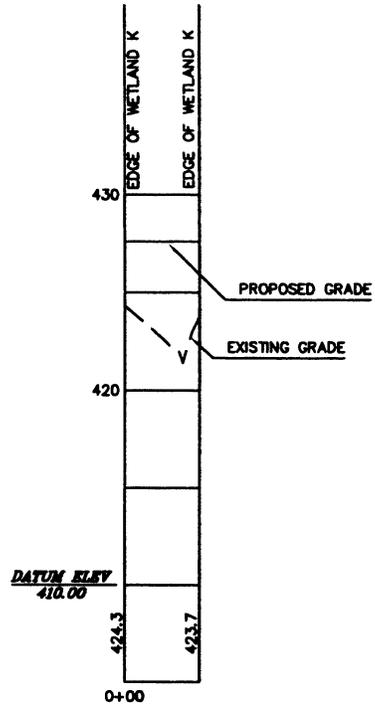
Revisions	
Date	Initials

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: AS SHOWN	Date: JANUARY 2, 2007
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WETLAND CROSSING E-E

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

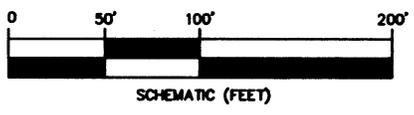
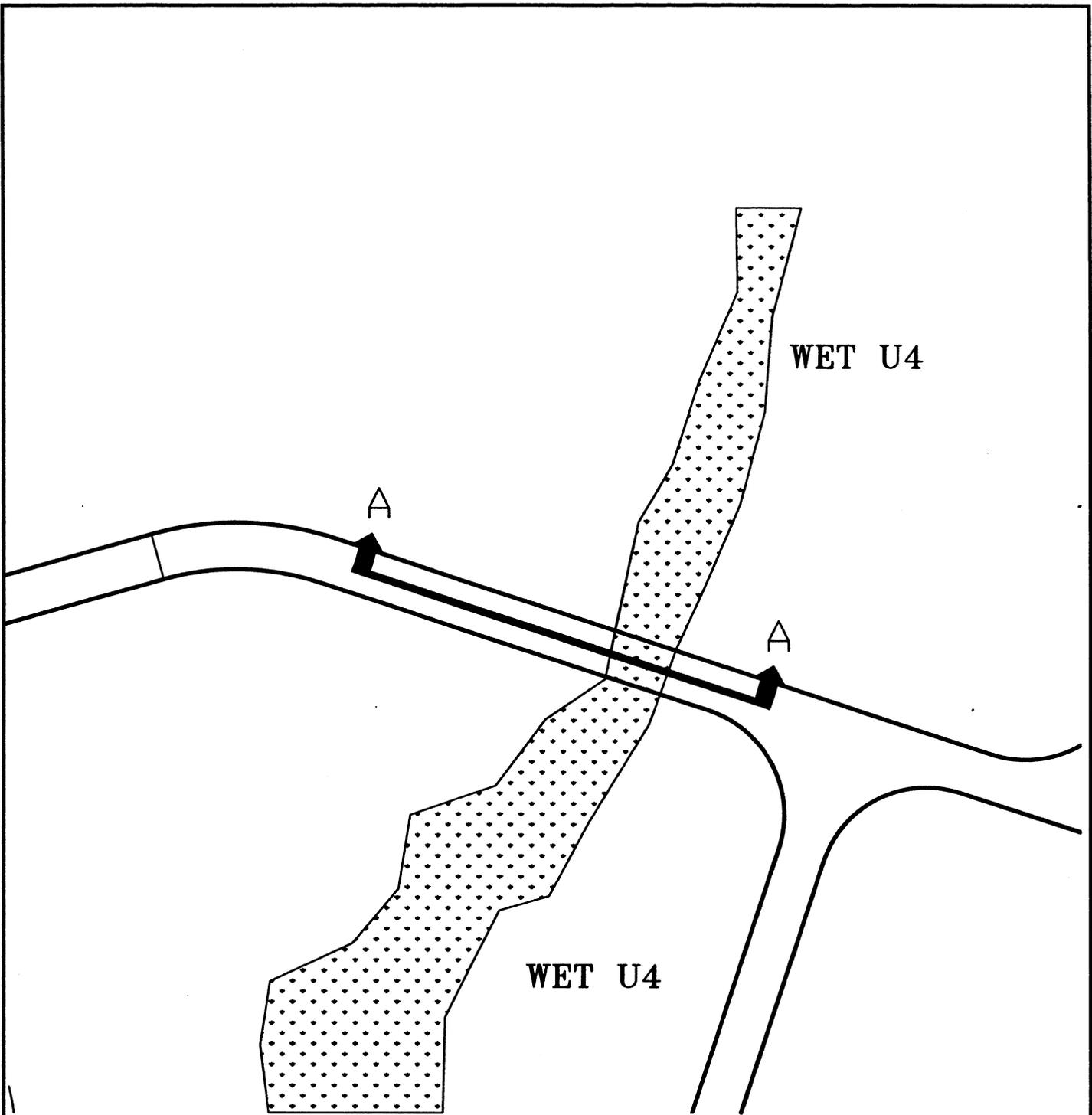


WETLAND CROSSING F-F

SCALE: HORZ. 1" = 100' VERT. 1" = 10'

SOURCE: ADAPTED FROM PLANS BY JP BARBER & ASS.

Project Title:		PROJECT Y	
Project Location:		RICHLAND COUNTY, SOUTH CAROLINA	
Applicant:		ARUM COMPOSITES, LLC	
Revisions	Date	Drawing Scale:	Date:
	Initials	AS SHOWN	JANUARY 2, 2007
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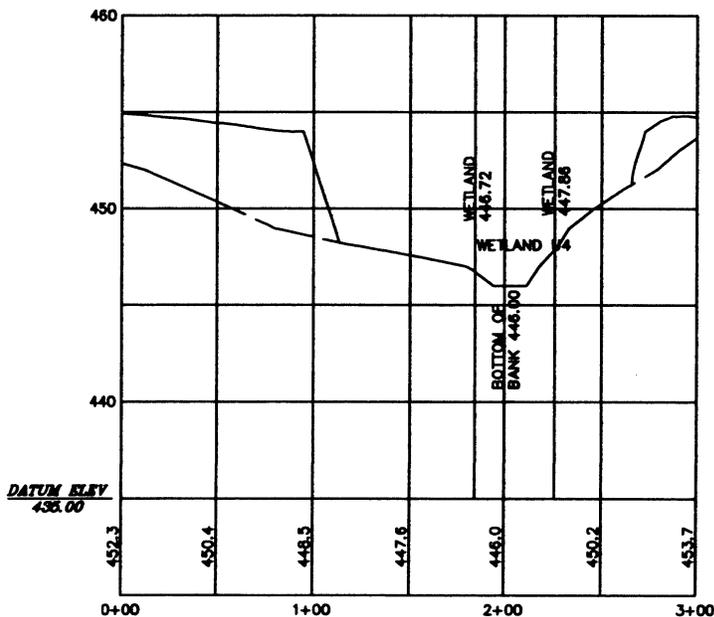
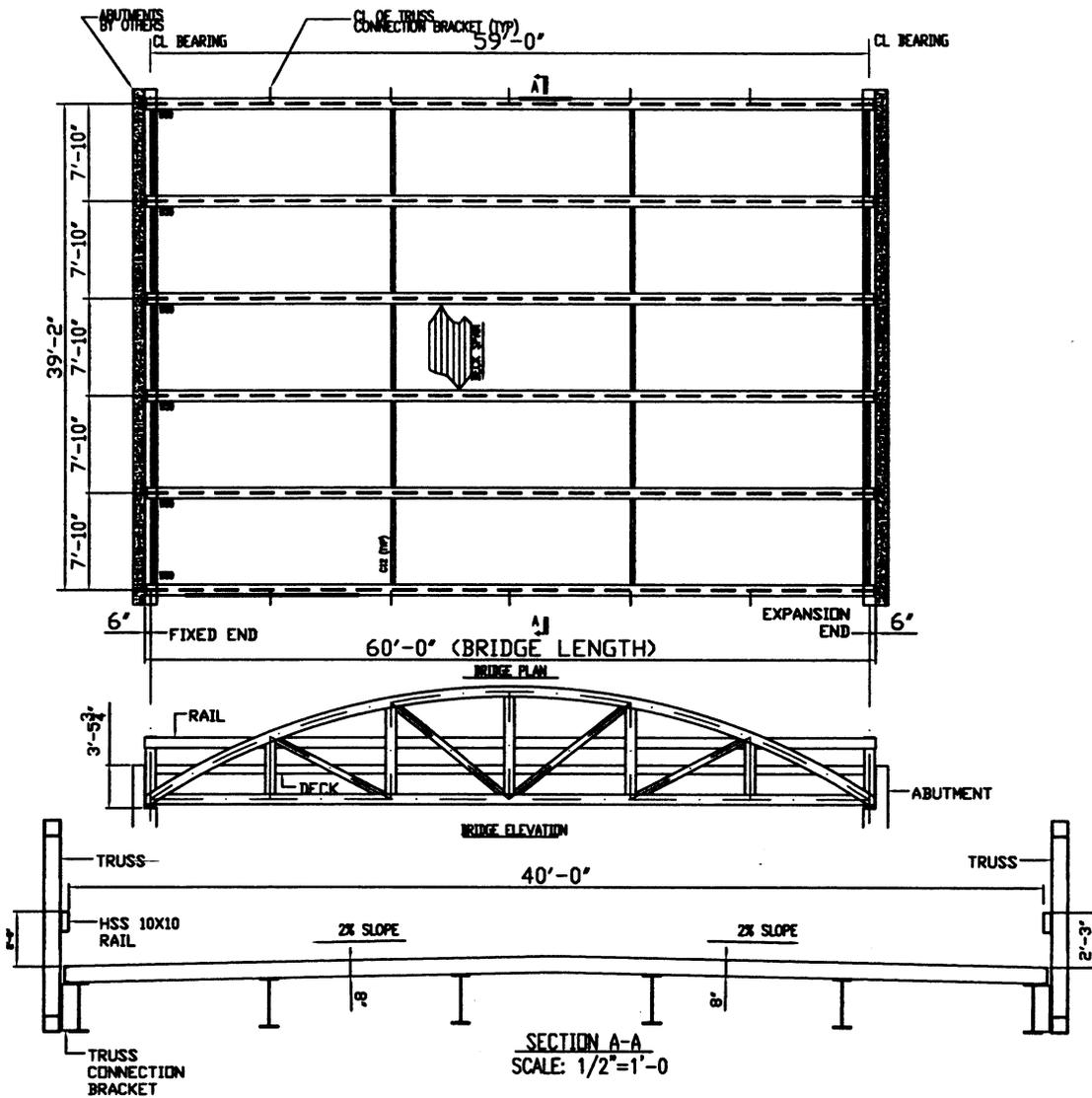


CONSPAN PLAN VIEW
CROSSING 1

Project Title:		PROJECT Y	
Project Location:		RICHLAND COUNTY, SOUTH CAROLINA	
Applicant:		ARUM COMPOSITES, LLC	
Drawing Scale:		1" = 100'	Date:
USACE P/N:			JANUARY 2, 2007
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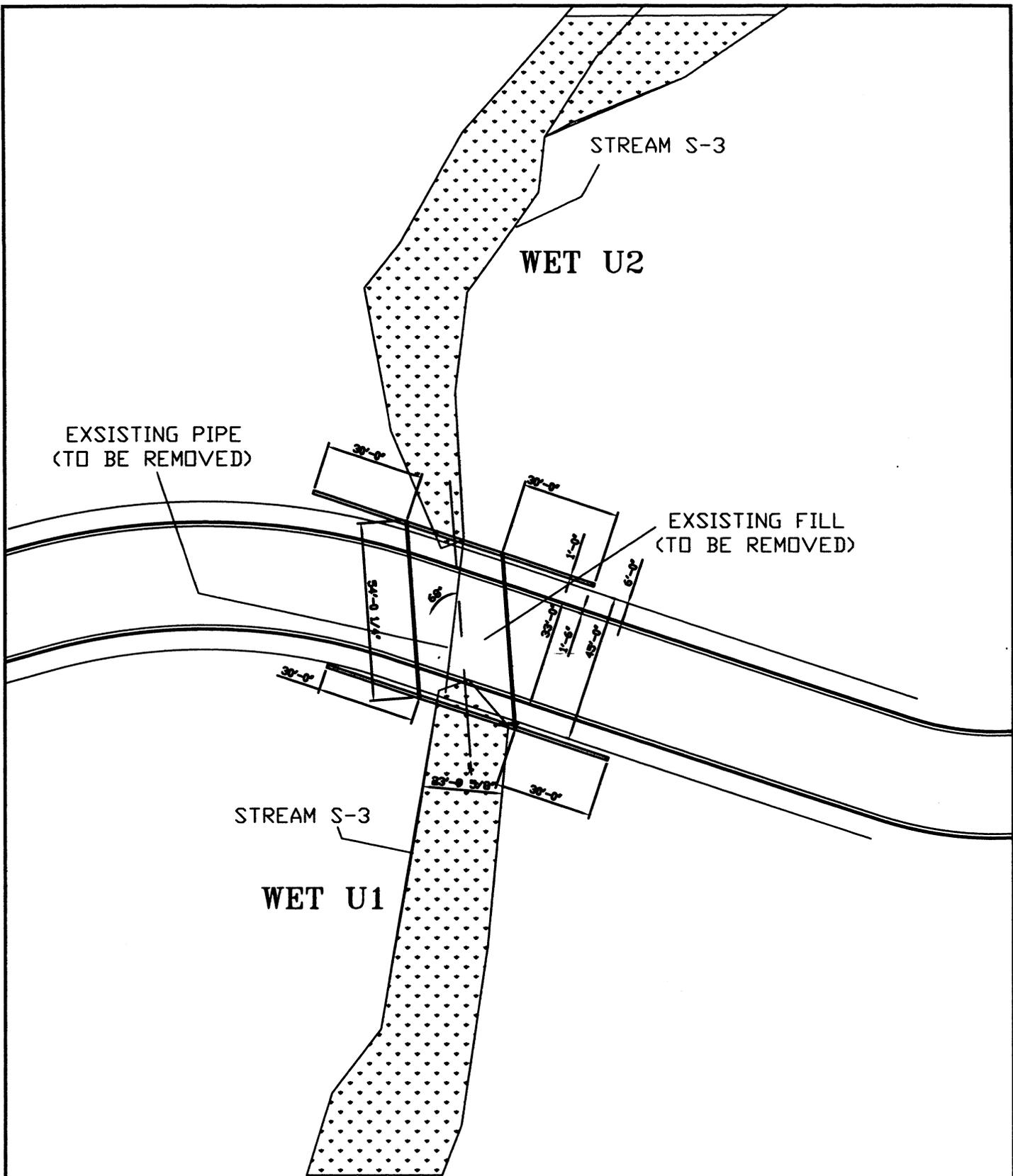
Revisions	
Date	Initials

SOURCE ADAPTED FROM PLANS BY SP BRASER & ASS.



CROSSING 1 A-A
 HORIZ. SCALE: 1" = 100', VERT. SCALE: 1" = 5'
CONSPAN CROSS SECTION - CROSSING 1

Project Title:	PROJECT Y	
	Project Location:	RICHLAND COUNTY, SOUTH CAROLINA
Applicant:	ARUM COMPOSITES, LLC	
Drawing Scale:	AS SHOWN	Date: JANUARY 2, 2007
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CONSPAN PLAN VIEW
CROSSING 2

Project Title: PROJECT Y

Project Location:
RICHLAND COUNTY, SOUTH CAROLINA

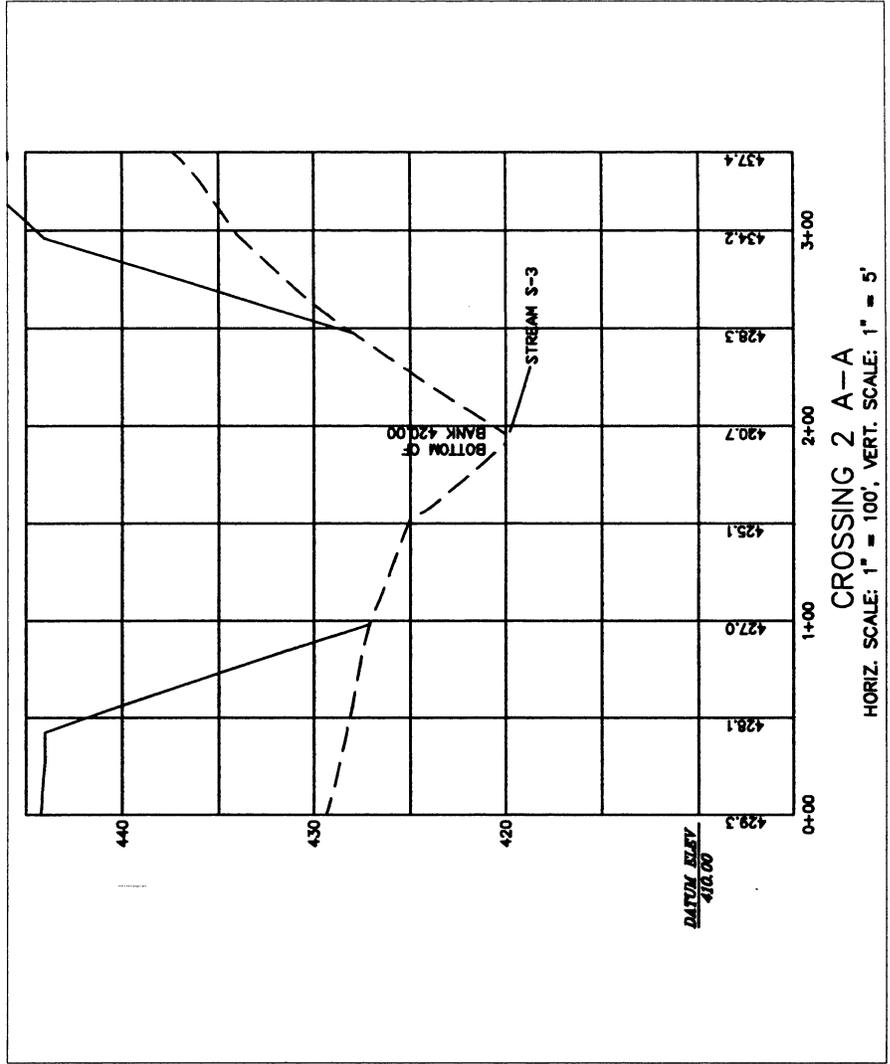
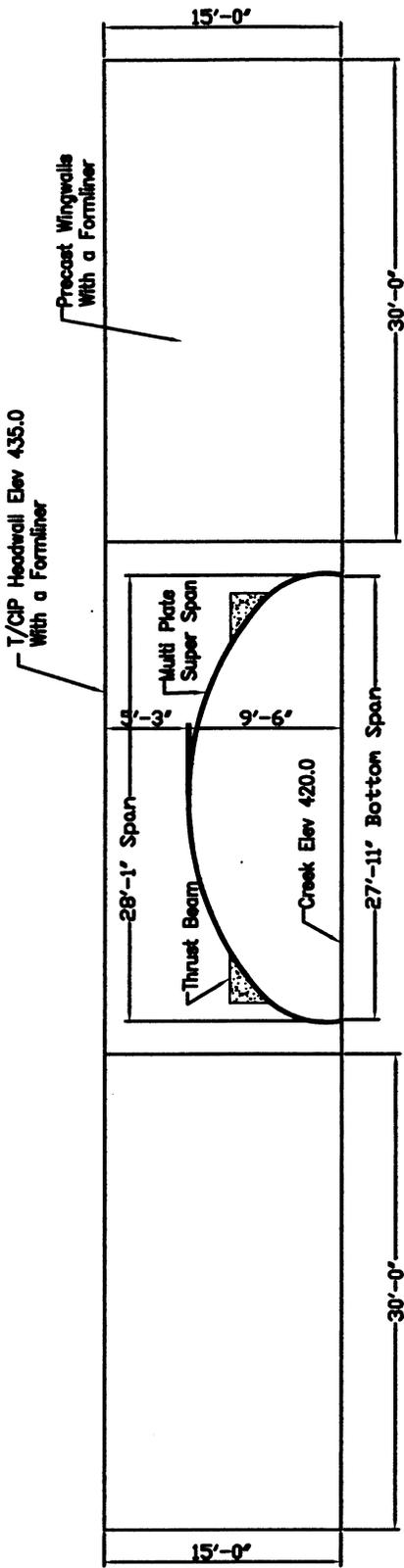
Applicant: ARUM COMPOSITES, LLC

Drawing Scale: AS SHOWN Date: JANUARY 2, 2007

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Revisions	
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SOURCE ADAPTED FROM PLANS BY SP INHERR & ASS.



CONSPAN CROSS SECTION
CROSSING 2

Project Title: PROJECT Y		Revisions	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA		Date	Initials
Applicant: ARUM COMPOSITES, LLC			
Drawing Scale: AS SHOWN		Date:	JANUARY 2, 2007
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CROSSING 2 A-A
HORIZ. SCALE: 1" = 100', VERT. SCALE: 1" = 5'

**ADVERSE IMPACT FACTORS FOR WETLANDS & OTHER
WATERS OF THE U.S. EXCLUDING STREAMS**

FACTORS	OPTIONS					
Lost Type	Type C 0.2		Type B 2.0		Type A 3.0	
Priority Category	Tertiary 0.5		Secondary 1.5		Primary 2.0	
Existing Condition	Very Impaired 0.1	Impaired 1.0		Slightly Impaired 2.0		Fully Functional 2.5
Duration	Seasonal 0.1	0 to 1 yr. 0.2	1 to 3 yr. 0.5	3 to 5 yr. 1.0	5 to 10 yr. 1.5	Over 10 yr. 2.0
Dominant Impact	Shade 0.2	Clear 1.0	Dredge 1.5	Drain 2.0	Impound 2.5	Fill 3.0
Cumulative Impact	0.05 x ($\sum AA_i$) (14.99 x 0.05 = 0.749 or 0.7)					

REQUIRED MITIGATION CREDITS

Factor	Depression (fill)	Depression (excavate)	Forested (fill)	Wetland X (fill)	Ditches	
Lost Type	2.0	2.0	2.0	2.0	0.2	
Priority Category	0.5	0.5	0.5	0.5	0.5	
Existing Condition	2.0	2.5	2.5	2.0	0.1	
Duration	2.0	2.0	2.0	2.0	2.0	
Dominant Impact	3.0	1.5	3.0	3.0	3.0	
Cumulative Impact	0.7	0.7	0.7	0.7	0.7	
Sum of R Factors	R ₁ = 10.2	R ₂ = 9.2	R ₃ = 10.7	R ₄ = 10.2	R ₅ = 6.5	R ₆ =
Impacted Area	AA ₁ = 3.30	AA ₂ = 0.38	AA ₃ = 8.92	AA ₅ = 2.22	AA ₆ = 0.17	AA ₆ =
R x AA =	33.66	3.50	95.44	22.64	1.10	

TOTAL REQUIRED CREDITS = $\sum (R \times LL) =$ 156.34

Restoration/Enhancement (25%) = 39.08

Buffer Enhancement (25%) = 39.08

Preservation (50%) = 78.17

**RESTORATION & ENHANCEMENT MITIGATION FACTORS
FOR WETLANDS & OTHER WATERS OF THE U.S. EXCLUDING STREAMS**

FACTORS	OPTIONS				
	Minimal Enhancement-----to-----Excellent Restoration				
Net Improvement	0.1	-----	-----	-----	4.0
Control	N.A.* 0	Covenant Private 0.1	Covenant POA 0.2	Conservation Easement 0.4	Transfer Fee Title Conservancy 0.6
Temporal Lag	N.A.* 0	Over 20 -0.3	10 to 20 -0.2	5 to 10 -0.1	0 to 5 0
Credit Schedule	Schedule 5 * 0	Schedule 4 0.1	Schedule 3 0.2	Schedule 2 0.3	Schedule 1 0.4
Kind	Category 5 -0.1	Category 4 0	Category 3 0.2	Category 2 0.3	Category 1 0.4
Location	Zone 5 -0.1	Zone 4 0	Zone 3 0.2	Zone 2 0.3	Zone 1 0.4

N.A. = Not Applicable

*Use this option to calculate credits for enhancement by buffering

Proposed Restoration or Enhancement Mitigation Worksheet

Factor	Dam Removal b/w Wet X & Wet W	Exotic Plant Removal from Wet U1- U3	Area 3	Area 4	Area 5	Area 6
Net Improvement	4.0	1.0				
Control	0.1	0.1				
Temporal Lag	0.0	0.0				
Credit Schedule	0.3	0.3				
Kind	0.4	0.4				
Location	0.4	0.4				
Sum of M Factors	$M_1 = 5.2$	$M_2 = 2.2$	$M_3 =$	$M_4 =$	$M_5 =$	$M_6 =$
Mitigation Area	$A_1 = 0.12$	$A_2 = 0.74$	$A_3 =$	$A_4 =$	$A_5 =$	$A_6 =$
M x A =	0.62	1.63				

TOTAL RESTORATION/ENHANCEMENT CREDITS = $\sum (M \times A) =$

2.25

PRESERVATION MITIGATION FACTORS
FOR WETLANDS & OTHER WATERS OF THE U.S. EXCLUDING STREAMS

FACTORS	OPTIONS				
	Priority Category	Tertiary 0.1		Secondary 0.2	
Existing Condition	Impaired -0.1		Slightly Impaired 0		Fully Functional 0.1
Degree of Threat	Low -0.1		Moderate 0.1		High 0.2
Control	Covenant Private 0.1	Covenant POA 0.2		Conservation Easement 0.4	Transfer Fee Title Conservancy 0.6
Kind	Category 5 -0.1	Category 4 0	Category 3 0.1	Category 2 0.2	Category 1 0.3
Location	Zone 5 -0.1	Zone 4 0	Zone 3 0.1	Zone 2 0.2	Zone 1 0.3

Proposed Preservation Mitigation Worksheet

Factor	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6
Priority Category	0.1					
Existing Condition	0.1					
Degree of Threat	0.1					
Control	0.1					
Kind	0.3					
Location	0.3					
Sum of M Factors	$M_1 = 1.0$	$M_2 =$	$M_3 =$	$M_4 =$	$M_5 =$	$M_6 =$
Mitigation Area	$A_1 = 28.77$	$A_2 =$	$A_3 =$	$A_4 =$	$A_5 =$	$A_6 =$
M x A =	28.77					

TOTAL PRESERVATIONS CREDITS = $\sum (M \times A) =$

28.77

MITIGATION FOR WETLANDS & OTHER WATERS OF THE U.S.
SUMMARY WORKSHEET

Mitigation Summary Worksheet For Permit Application # _____

I. Required Mitigation

A. Total Required Mitigation Credits =	156.34
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II. Non-Banking Mitigation Credit Summary

	Credits	Acres
B. Creation	0	0
C. Restoration and/or Enhancement (Non-Buffer Enhancement)	2.25	0.86
D. Restoration and/or Enhancement (Buffer Enhancement)	0	0
E. Total No Net Loss Non-Bank Mitigation = B + C + D	2.25	0.86
F. Preservation	28.77	28.77
G. Total Proposed Non-Bank Mitigation = E + F	31.02	29.63

III. Banking Mitigation Credit Summary (*Mitigation Trust To Be Established*)

	Credits	Acres
H. Creation	0	0
I. Restoration and/or Enhancement (Non-Buffer Enhancement)	36.83	TBD
J. Restoration and/or Enhancement (Buffer Enhancement)	39.08	TBD
K. Total No Net Loss Bank Mitigation = H + I + J	75.91	TBD
L. Preservation	49.40	TBD
M. Total Proposed Bank Mitigation = K + L	125.31	TBD

TBD = To be determined by mitigation trust

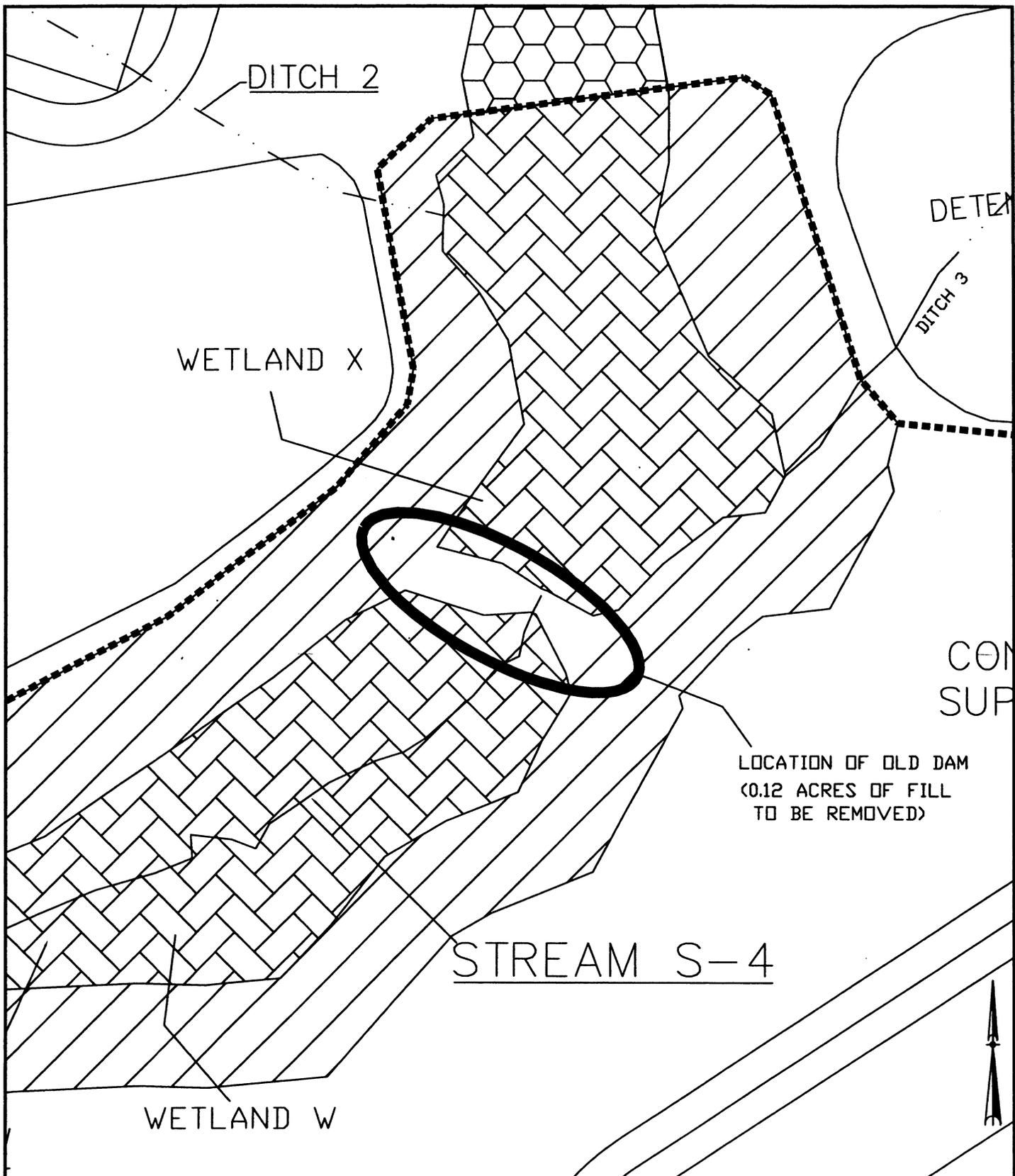
IV. Grand Totals

	Credits	Acres
N. Total Preservation Mitigation = F + L	78.17	28.77 + mitigation trust
O. Total Non-Preservation Mitigation = E + K	78.17	0.86 + mitigation trust
P. Total Creation = B + H	0	0
Q. Total Restoration and/or Enhancement (Non-Buffer Enhancement) = C + I	39.08	0.86 + mitigation trust
R. Total Proposed Mitigation = G + M	156.34	29.63 + mitigation trust

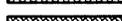
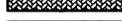
MITIGATION FOR WETLANDS

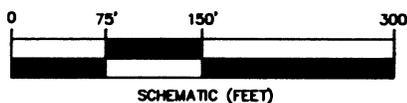
The Total Mitigation Credits (Row R) should be equal or greater than the total Required Mitigation Credits (Row A) for the proposed mitigation to be acceptable. The other requirements given in the SOP must also be satisfied, e.g., in the credits column, Row O must equal at least 50% of Row A, and the addition of Row P and Row Q must equal at least 25% of Row A. If the answer to either of the questions below is no, then the proposed mix and/or quantity of mitigation is not in compliance with the policy and the plan should be revised or rejected, unless a variance is approved.

	Yes	No
$PMC \geq RMC$ or in words Are the Credits in Row R greater than or equal to Row A?	X	
$PMC_{\text{Non-Preservation}} \geq \frac{1}{2} RMC$ or in words Are the credits in Row O greater than or equal to 50% of Row A?	X	
$PMC_{\text{Creation + Restoration/Enhancement (Non-Buffer Enhancement)}} \geq \frac{1}{4} RMC$ or in words Are the Credits in Row P plus the credits in Row Q greater than or equal to 25% of Row A?	X	



LEGEND

- LABEL**
-  JURISDICTIONAL WETLANDS TO BE FILLED
 -  JURISDICTIONAL WETLANDS TO BE PRESERVED
 -  UPLAND BUFFER
 -  JURISDICTIONAL DITCHES TO BE FILLED

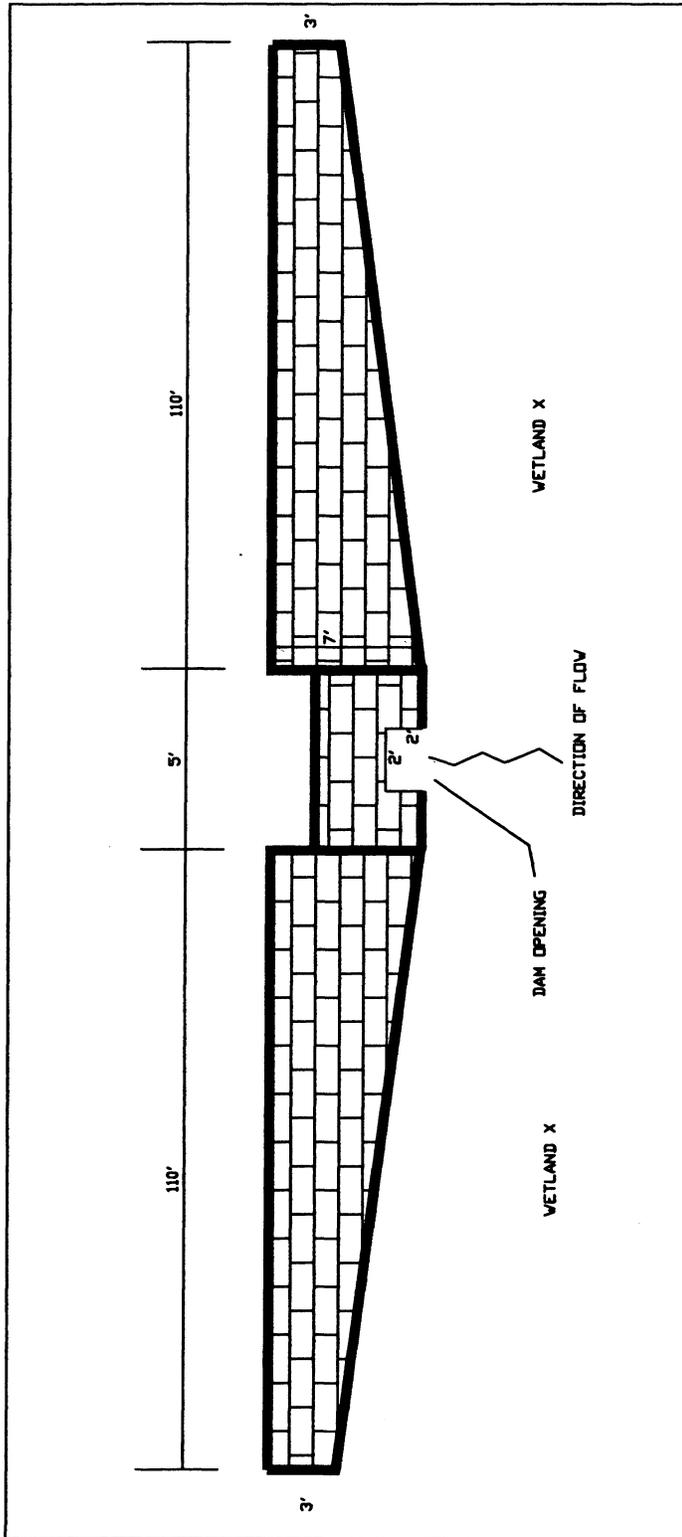


PLAN VIEW
REMOVAL OF EXISTING DAM

Revisions	
Date	Initials

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 150'	Date: JANUARY 2, 2007
USACE P/N:	Sheet 1 of 3

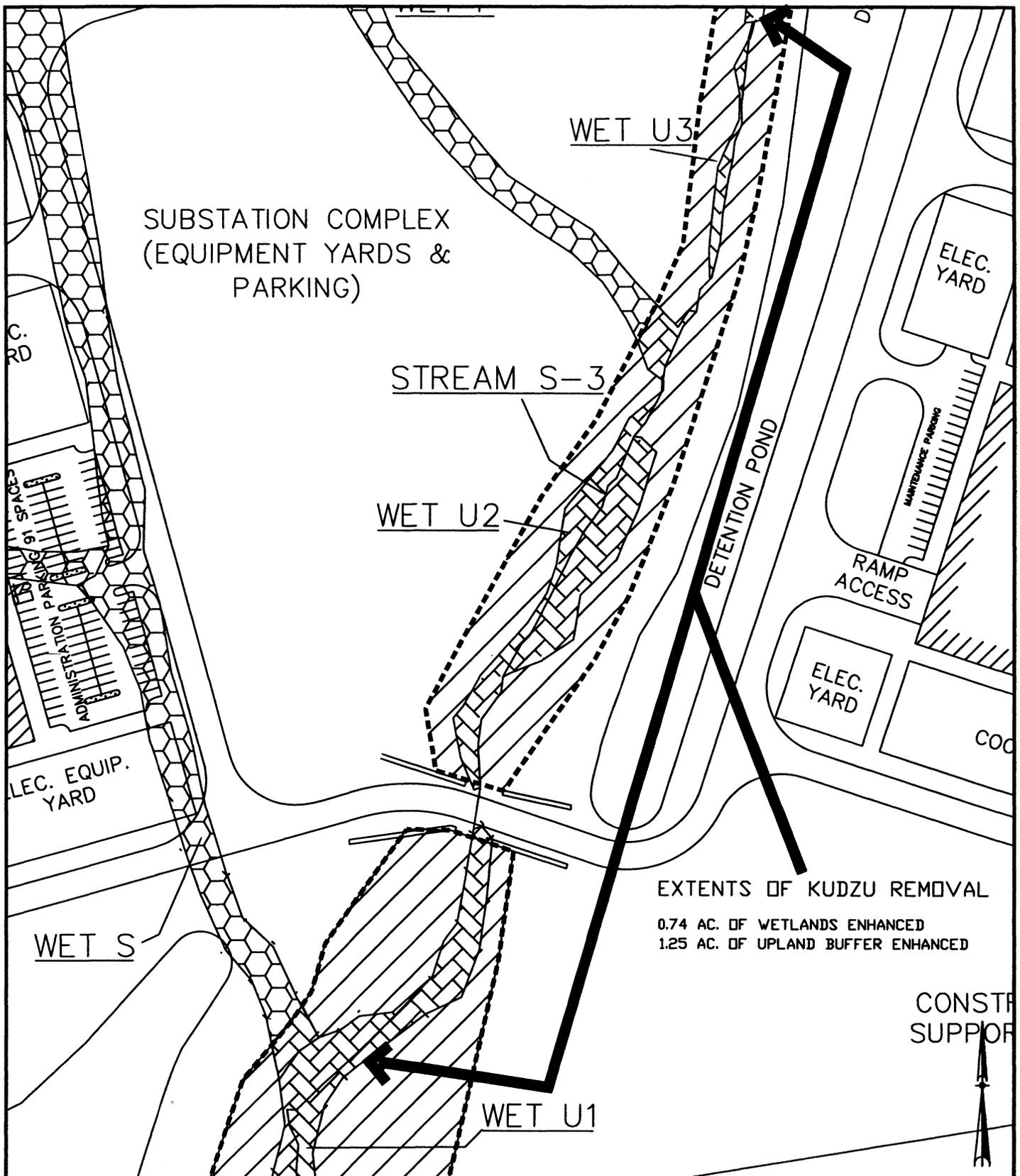
SOURCE ADAPTED FROM PLANS BY SP SHREVE & ASS.



CROSS SECTION
EARTHEN/CONCRETE DAM TO BE REMOVED

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: AS SHOWN	Date: JANUARY 2, 2007
USACE P/N:	Sheet 2 of 3

Revisions	Date	Initials

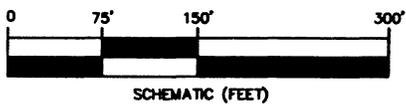


EXTENTS OF KUDZU REMOVAL
 0.74 AC. OF WETLANDS ENHANCED
 1.25 AC. OF UPLAND BUFFER ENHANCED

CONSTR
 SUPPOR

LEGEND

	WETLANDS TO BE FILLED
	WETLANDS TO BE PRESERVED
	UPLAND BUFFER
	WETLANDS TO BE FILLED



PLAN VIEW
 LOCATION OF PROPOSED
 KUDZU REMOVAL

Revisions	
Date	Initials

Project Title: PROJECT Y	
Project Location: RICHLAND COUNTY, SOUTH CAROLINA	
Applicant: ARUM COMPOSITES, LLC	
Drawing Scale: 1" = 150'	Date: JANUARY 2, 2007
USACE P/N:	Sheet 3 of 3

SOURCE: ADAPTED FROM PLANS BY BP BARBER & ASS.