

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 # 2008-00086-DIS

January 18, 2008

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the State of South Carolina by

South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202-0191

for a permit to permanently place fill in a total of 10.21 acres of wetlands, to permanently clear 2.14 acres of wetlands, and to temporarily clear 3.21 acres of wetlands for the replacement of eight separate bridges along an eight mile segment of US Route 378 bridge across

Maple Swamp, Little Pee Dee Swamp, Little Pee Dee River, and Singleton Creek

this segment of US Route 378 is between the western limit which is 2000 feet west of the current US Route 378 bridge across Maple Swamp and the eastern limit located approximately 1500 feet west of the intersection of US Route 378 and SSR 24 at Pee Dee Crossroads in Marion and Horry Counties, South Carolina (Latitude: 33.837860, Longitude: -79.265330).

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, TUESDAY, FEBRUARY 19, 2008

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

The proposed work consists of the permanent placement of fill in a total of 10.21 acres of wetlands, to permanently clear 2.14 acres and to temporarily clear 3.21 acres of wetlands for the replacement of eight separate bridges located along an eight mile segment of US Route 378 bridge across Maple Swamp, Little Pee Dee Swamp, Little Pee Dee River, and Singleton Creek. This project will also include some roadway widening to provide adequate roadway width with paved shoulders.

January 18, 2008

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 (Section 401 of the Clean Water Act). The District Engineer will not process this application to a conclusion until such certification is received. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. 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 State certification or the navigable waters permit 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 10.21 acres 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 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.

January 18, 2008

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, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. 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.

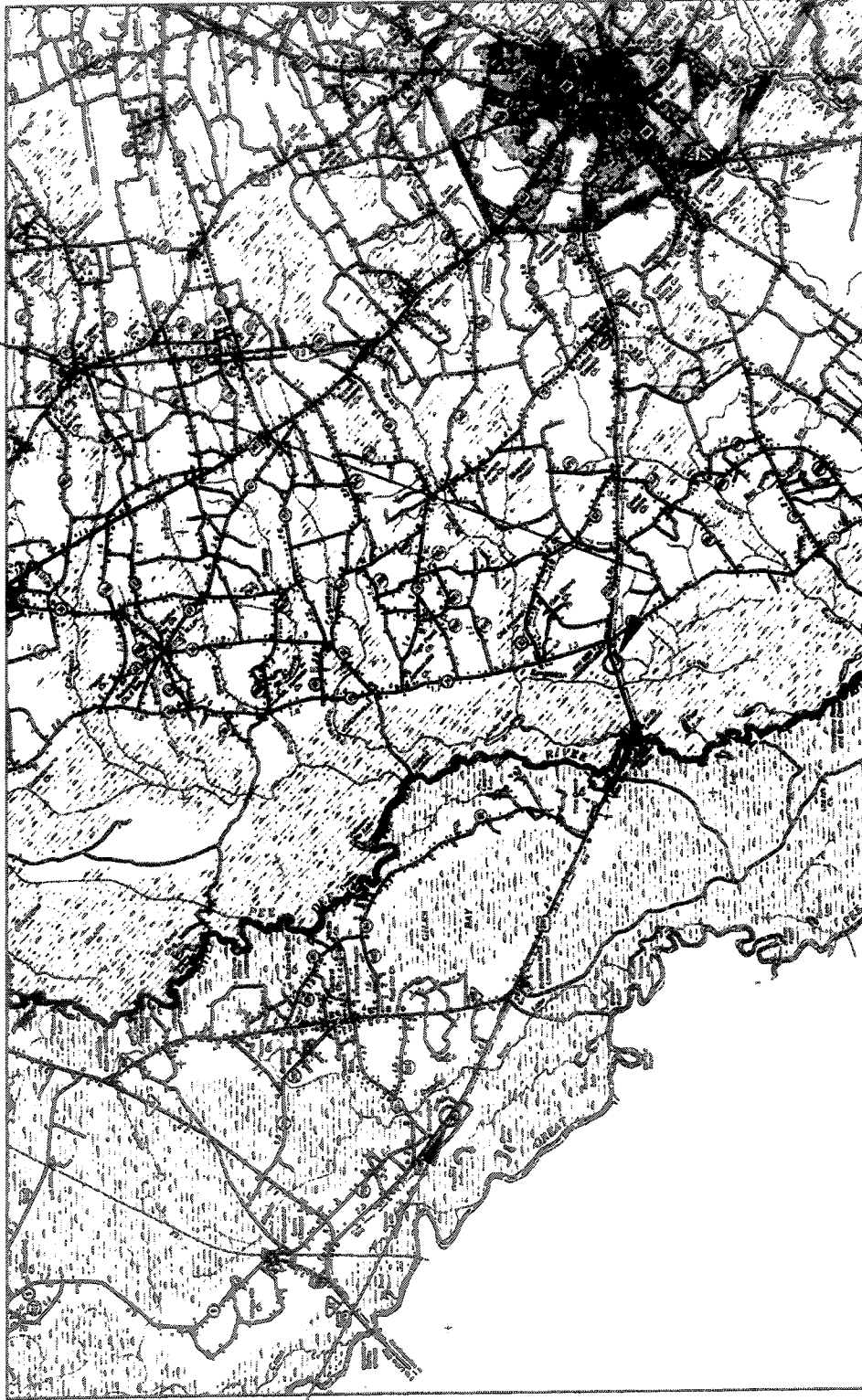
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. 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 Stephen A. Brumagin at 803-253-3445.

PROJECT LOCATION MAP

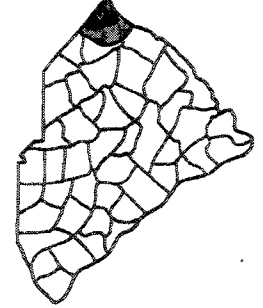
END PROJECT



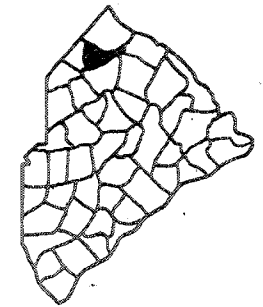
FROM Horry and Marion County Maps (SCDOT)

N33°51'07"
W79°17'57"

BEGIN PROJECT



MAP SHOWS LOCATION OF Horry COUNTY IN SOUTH CAROLINA



MAP SHOWS LOCATION OF Marion COUNTY IN SOUTH CAROLINA



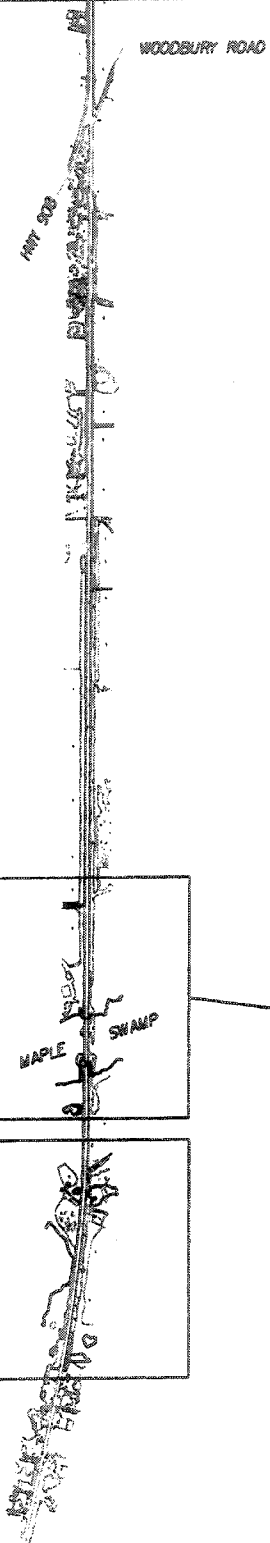
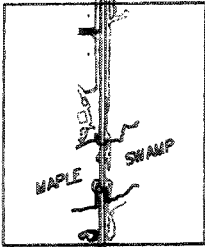
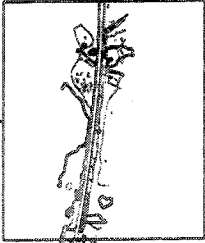
GRAPHIC SCALE 1" = 3 MILES

Site Plans-Individual Permit Application
SC DOT US-378 Roadway Improvements &
Bridge Replacements
P/N# 2008-00086-DIS
Marion and Horry Counties

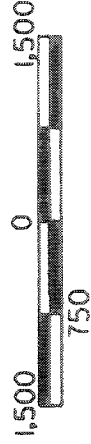
DATE: NOVEMBER 14, 2007
SHEET 1 OF 34

SHEET KEY

SHEET 5



SHEET 7



GRAPHIC SCALE 1" = 1,500'

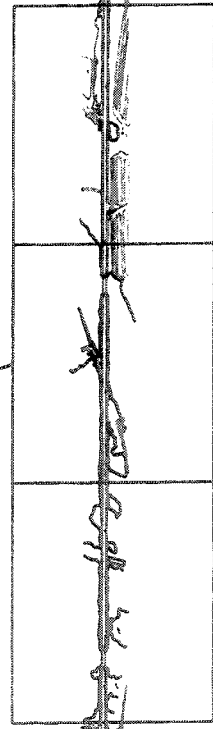
Site Plans-Individual Permit Application
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P/N# 2008-00086-DIS
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SHEET 2 OF 34

SHEET KEY

SHEET 13

SHEET 18



SHEET 9

SHEET 16

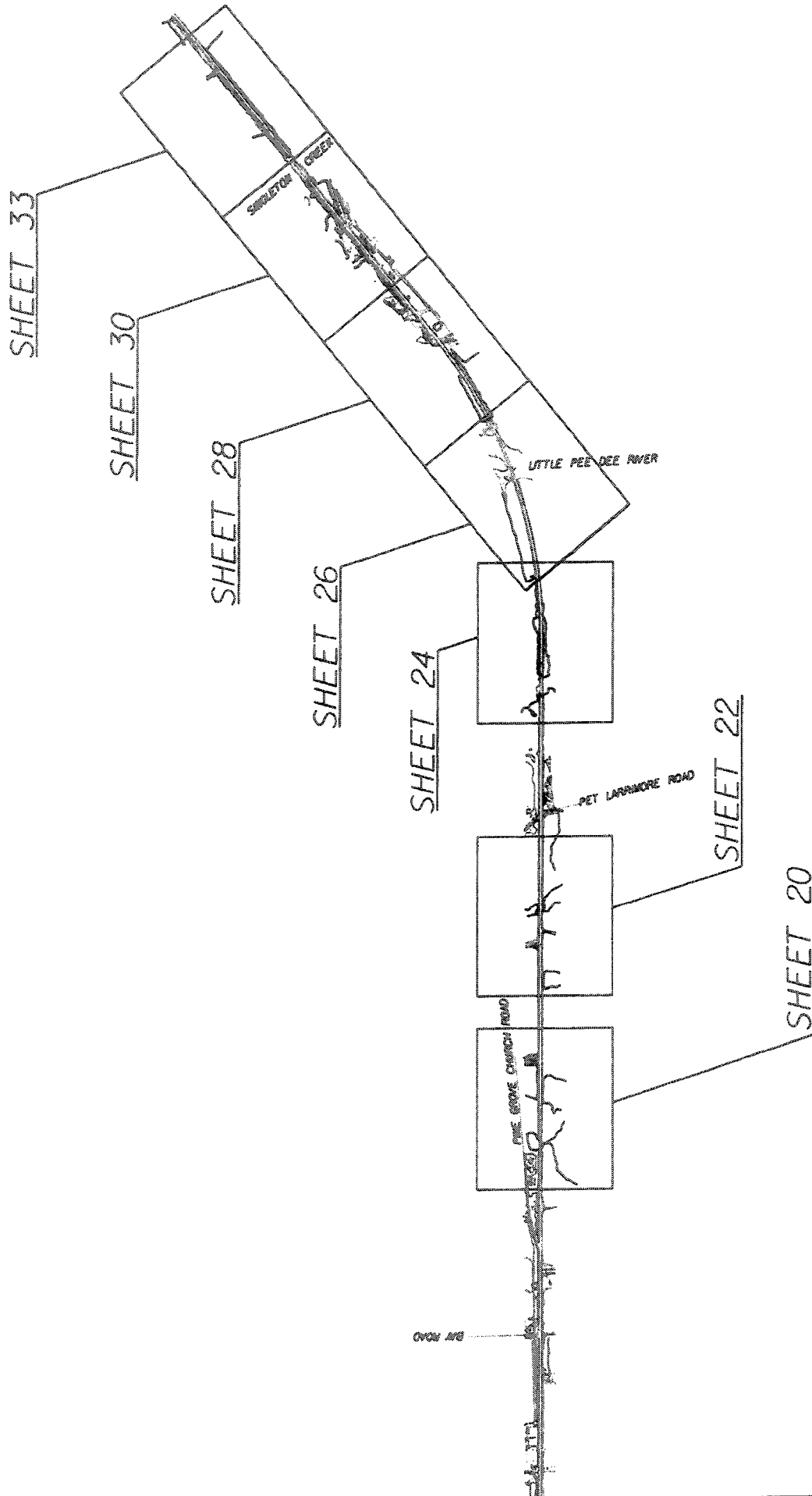


GRAPHIC SCALE 1" = 1,500'

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P/N# 2008-00086-DIS
Marion and Horry Counties

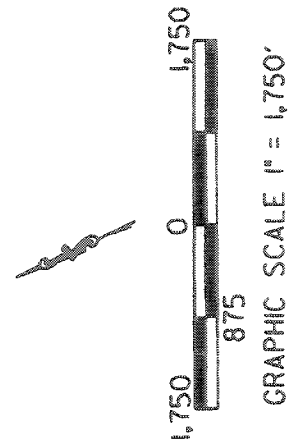
DATE: NOVEMBER 14, 2007
SHEET 3 OF 34

SHEET KEY

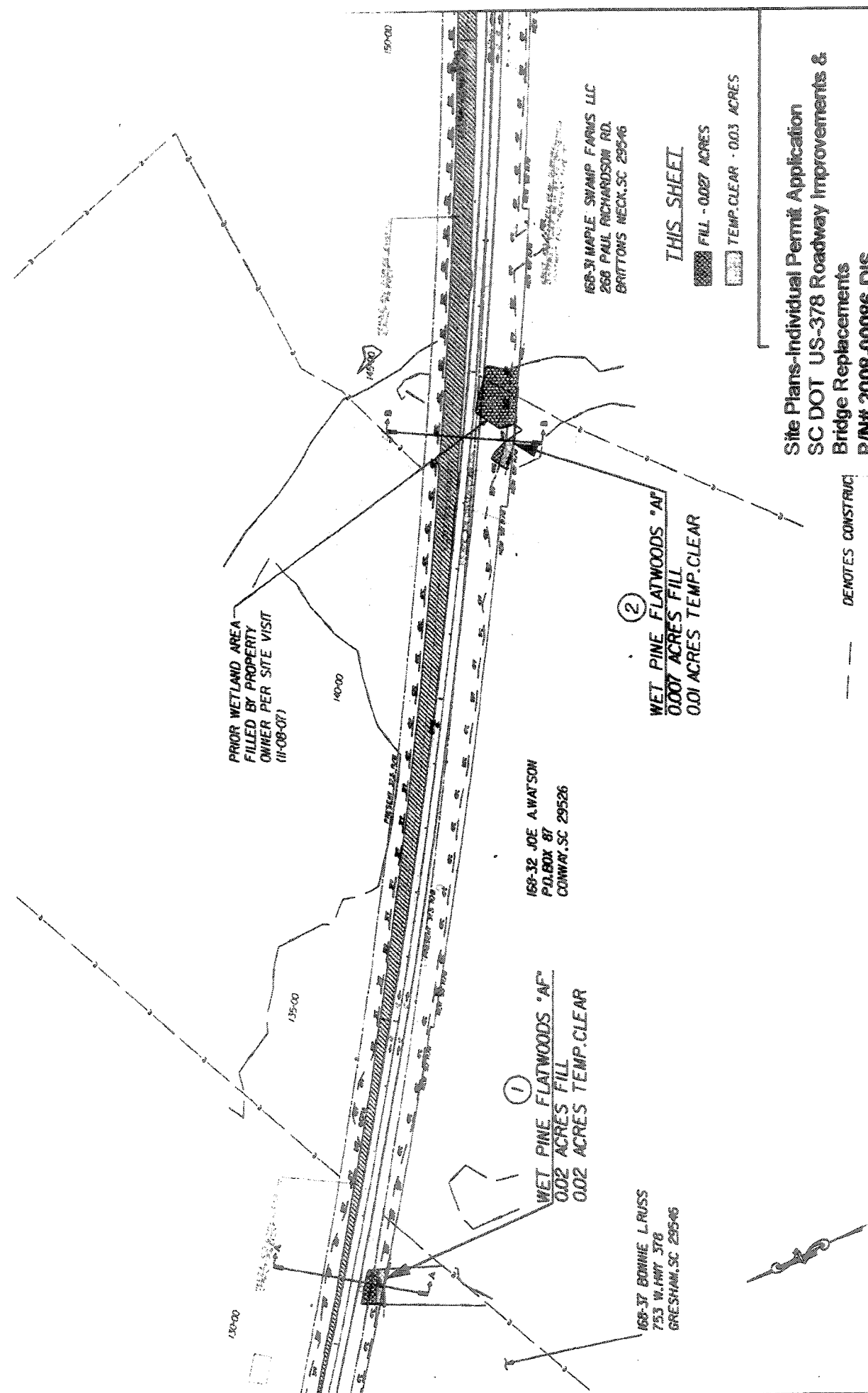


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SHEET 4 OF 34



PLAN VIEW



PRIOR WETLAND AREA
FILLED BY PROPERTY
OWNER PER SITE VISIT
(11-08-07)

168-32 JOE A. WATSON
P.O. BOX 87
CONWAY, SC 29526

①
WET PINE FLATWOODS "AF"
0.02 ACRES FILL
0.02 ACRES TEMP. CLEAR

168-37 BOWNE L. RUSS
753 W. HWY 378
GRESHAM, SC 29546

②
WET PINE FLATWOODS "AF"
0.007 ACRES FILL
0.01 ACRES TEMP. CLEAR

168-31 MAPLE SWAMP FARMS LLC
268 PAUL RICHARDSON RD.
BRITTONS NECK, SC 29546

THIS SHEET

FILL - 0.027 ACRES
TEMP. CLEAR - 0.03 ACRES

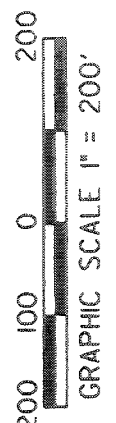
--- DENOTES CONSTRUCTION

- - - DENOTES THEODOLITE

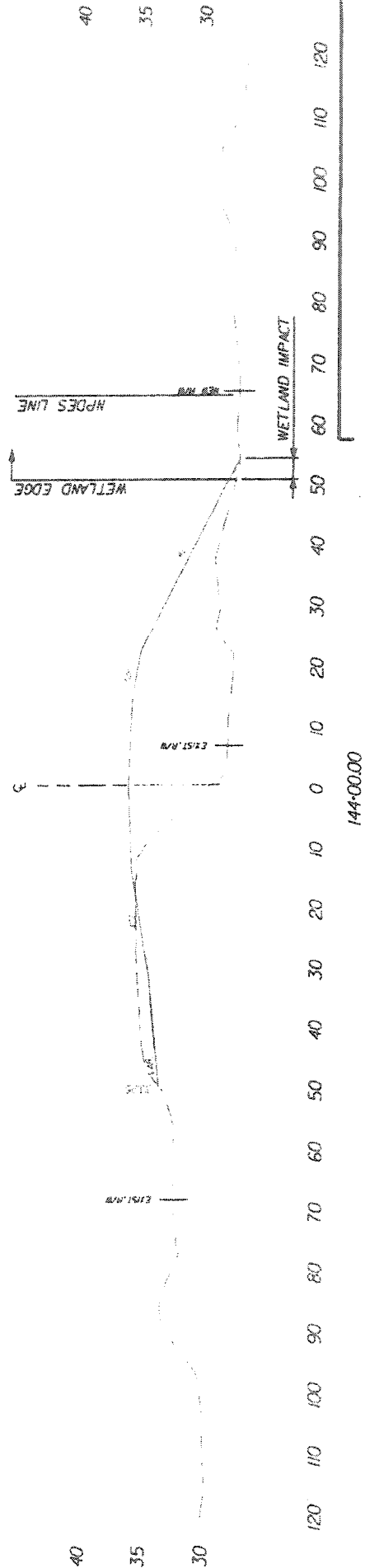
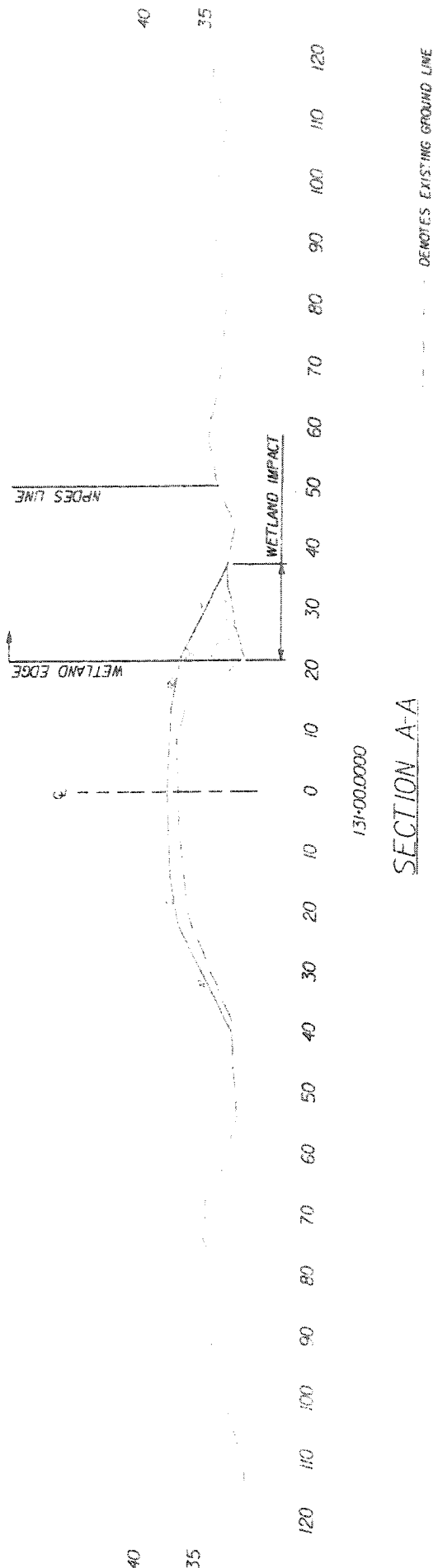
▨ DENOTES ASPHALT & BRIDGE TO BE REMOVED

Site Plans-Individual Permit Application
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Bridge Replacements
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CROSS SECTION

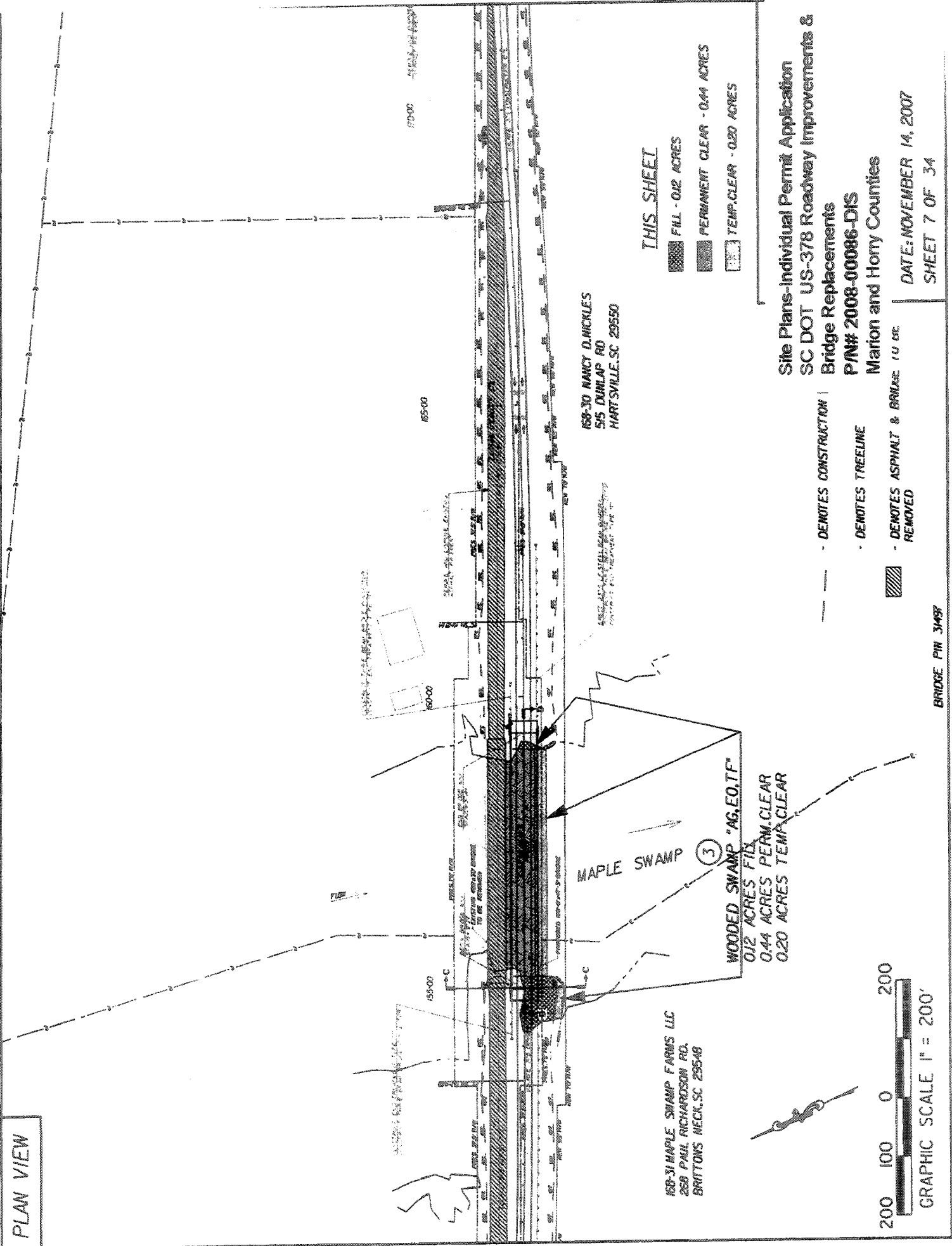


Site Plans-Individual Permit Application
 SC DOT US-378 Roadway Improvements &
 Bridge Replacements
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 Marion and Horry Counties

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 SHEET 6 OF 34



PLAN VIEW



THIS SHEET

-  FILL - 0.12 ACRES
-  PERMANENT CLEAR - 0.44 ACRES
-  TEMP. CLEAR - 0.20 ACRES

158-30 NANCY D. NICKLES
515 DURLAP RD
HARTSVILLE, SC 29550

158-31 MAPLE SWAMP FARMS LLC
268 PAUL RICHARDSON RD.
BRITTONS NECK, SC 29546

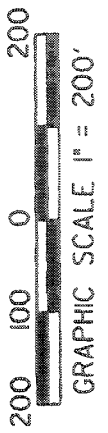
Site Plans-Individual Permit Application
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Marion and Horry Counties

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SHEET 7 OF 34

- DENOTES CONSTRUCTION
- DENOTES TREE LINE
- DENOTES ASPHALT & BRIDGE IN USE REMOVED



BRIDGE PIN 3148F



CROSS SECTION

WETLAND EDGE

40
35
30
25

WETLAND IMPACT

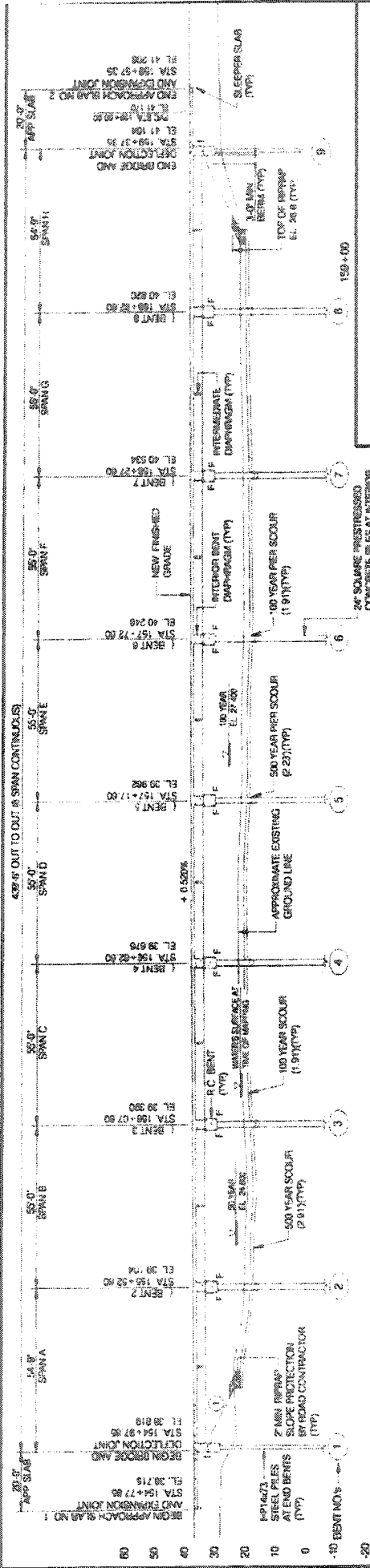
40
35
30
25

120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

154-96.0000

SECTION C-C

--- DENOTES EXISTING GROUND LINE



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SECTION B-B
SECTION A-ONE U.S. ROUTE 378 CONSTRUCTION
NOT TO SCALE

WATER SURFACE ELEVATION:
 ELEVATIONS SHOWN ON THE DRAWINGS ARE TO BE CONSIDERED UNLESS INDICATED OTHERWISE. CONTRACTORS AND DESIGNERS SHALL VERIFY THE NECESSARY INFORMATION AND INVESTIGATE THE WATER SURFACE ELEVATION BEFORE ANY CONSTRUCTION BEGINS. CONTRACTORS SHALL VERIFY THE NECESSARY INFORMATION AND INVESTIGATE THE WATER SURFACE ELEVATION BEFORE ANY CONSTRUCTION BEGINS. CONTRACTORS SHALL VERIFY THE NECESSARY INFORMATION AND INVESTIGATE THE WATER SURFACE ELEVATION BEFORE ANY CONSTRUCTION BEGINS. CONTRACTORS SHALL VERIFY THE NECESSARY INFORMATION AND INVESTIGATE THE WATER SURFACE ELEVATION BEFORE ANY CONSTRUCTION BEGINS.

GENERAL NOTES:
 EXISTING LOW CHORD EL. 34.9 (SHOWN)
 NEW LOW CHORD EL. 34.547
 F - DENOTES FRIED
 F - DENOTES INTEGRAL
 (T) DENOTES THREE BEAM BRIDGE CONNECTOR
 (1) 2:1 SLOPE PERPENDICULAR TO END BEAM (TYP)
 PROBABILITY = N/A

HYDROLOGY DATA
 D.A. = 18.50 MI
 C20 = 307 CFS
 AREA FLOW UNDER EL. 24.0 - 60% S.F.
 50 YEAR W.S. ELEV. = 24.8 FT
 C100 = 1173 CFS
 V100 = 0.7 F/SEC
 AREA FLOW UNDER EL. 27.40 = 1,502 S.F.
 100 YEAR W.S. ELEV. = 27.40 FT
OVERTOPPING FLOOD
 Q = N/A CFS
 PROBABILITY = N/A

PROJECT ALONG U.S. ROUTE 378
 STRUCTURE LOCATION

PLAN VIEW

MATCH LINE SHT. 13

⑨
BORROW PIT "PB"
ISOLATED
0.04 ACRES FILL
0.01 ACRES TEMP. CLEAR

⑩
BOTTOMLAND HARDWOOD "TD"
ISOLATED
0.08 ACRES FILL
0.03 ACRES TEMP. CLEAR

⑧
BOTTOMLAND HARDWOOD "TC"
ISOLATED
0.07 ACRES FILL
0.02 ACRES TEMP. CLEAR

172-05 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GEORGETOWN, SC 29440

⑦
WOODED SWAMP "A.E.B.T.B.T.E"
0.82 ACRES FILL
0.23 ACRES TEMP. CLEAR
0.08 ACRES PERM. CLEAR

⑥
BOTTOMLAND HARDWOOD "TA"
0.17 ACRES FILL
0.04 ACRES TEMP. CLEAR

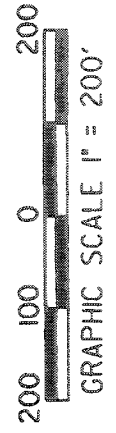
Site Plans-Individual Permit Application
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Marion and Hotby Counties

DATE: NOVEMBER 14, 2007
SHEET 9 OF 34

- DENOTES CONSTRUCTION
- DENOTES TREELINE
- DENOTES ASPHALT & BR
REMOVED

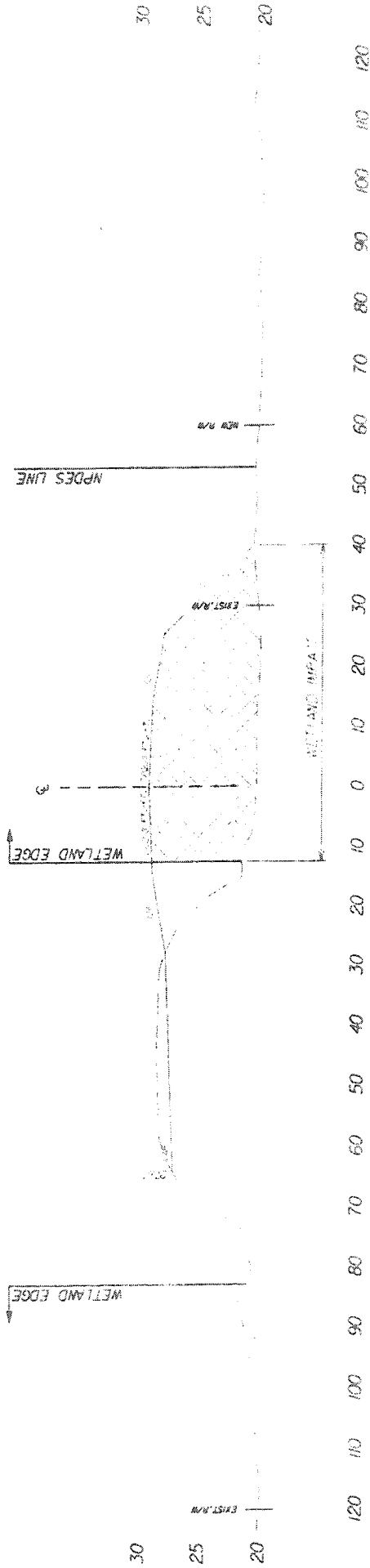
THIS SHEET
FILL - 1.08 ACRES

PERMANENT CLEAR - 0.08 ACRES
TEMP. CLEAR - 0.53 ACRES



BRIDGE PIN 3150Z

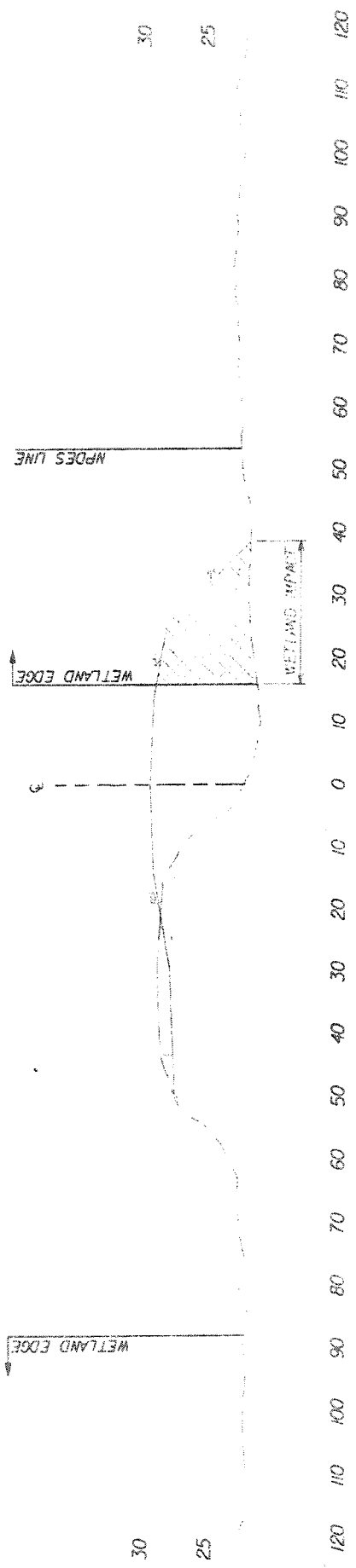
CROSS SECTION



268-00.0000

SECTION G-G

DEMOTES EXISTING GROUND LINE



272-50.0000

SECTION H-H

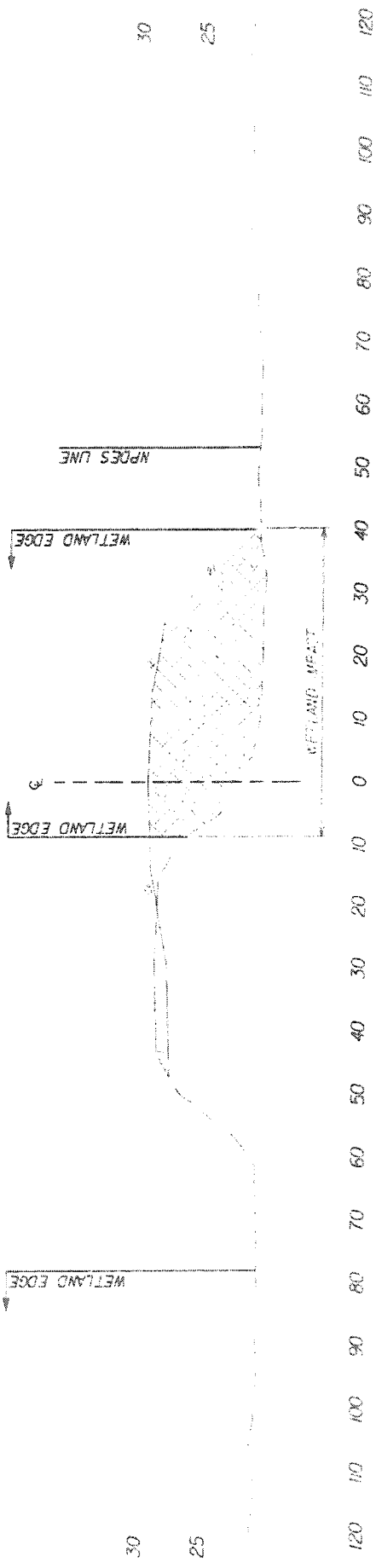
Site Plans-Individual Permit Application
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 Marion and Horry Counties

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GRAPHIC SCALE 1" = 25'

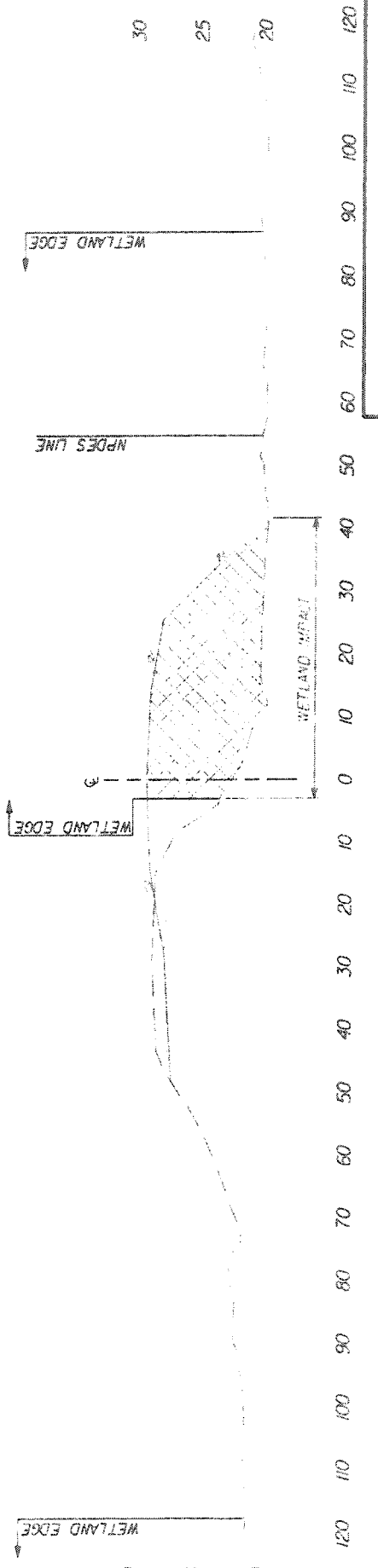
CROSS SECTION



273-00.00000

SECTION I-I

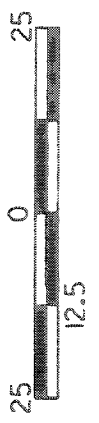
· DENOTES EXISTING GROUND LINE



276-00.00000

SECTION J-J

Site Plans-Individual Permit Application
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 P/N# 2008-00086-DIS
 Marion and Horry Counties



GRAPHIC SCALE 1" = 25'

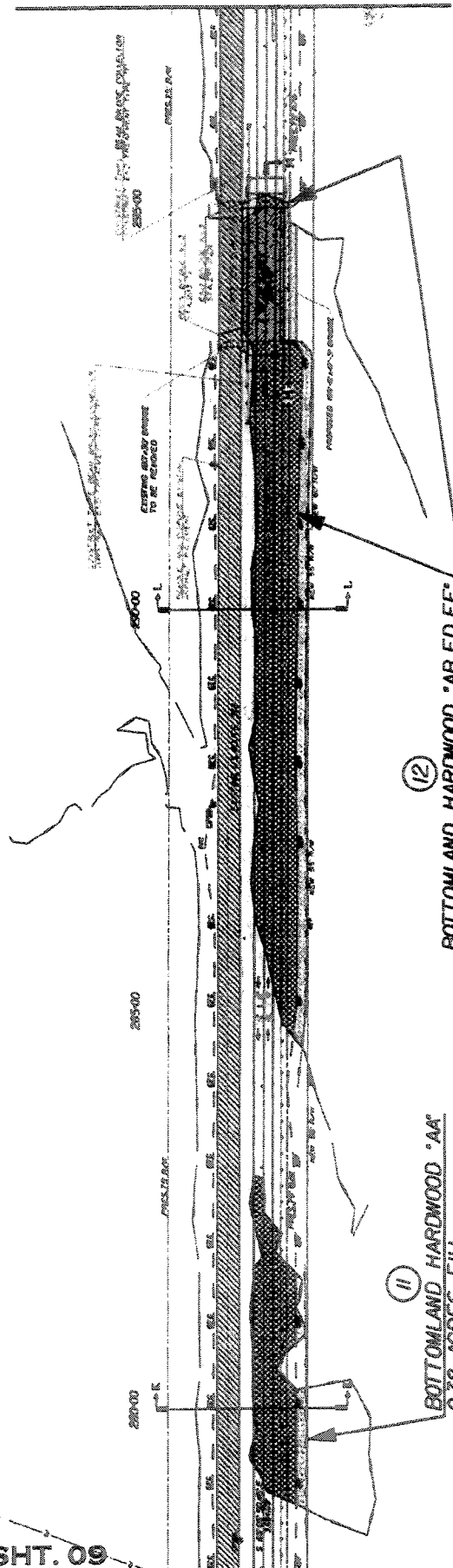
· DENOTES EXISTING GROUND LINE

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 SHEET 12 OF 34

PLAN VIEW

MATCH LINE SHT. 09

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546



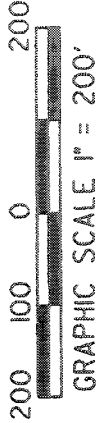
(11)
BOTTOMLAND HARDWOOD "AA"
0.38 ACRES FILL
0.05 ACRES TEMP.CLEAR

(12)
BOTTOMLAND HARDWOOD "AB,ED,EE"
1.03 ACRES FILL
0.33 ACRES TEMP.CLEAR
0.18 ACRES PERM.CLEAR

THIS SHEET
FILL - 1.41 ACRES
PERMANENT CLEAR - 0.18 ACRES
TEMP.CLEAR - 0.38 ACRES

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

- DENOTES CONSTRUCTION
- DENOTES TREELINE
- DENOTES ASPHALT & BR
REMOVED

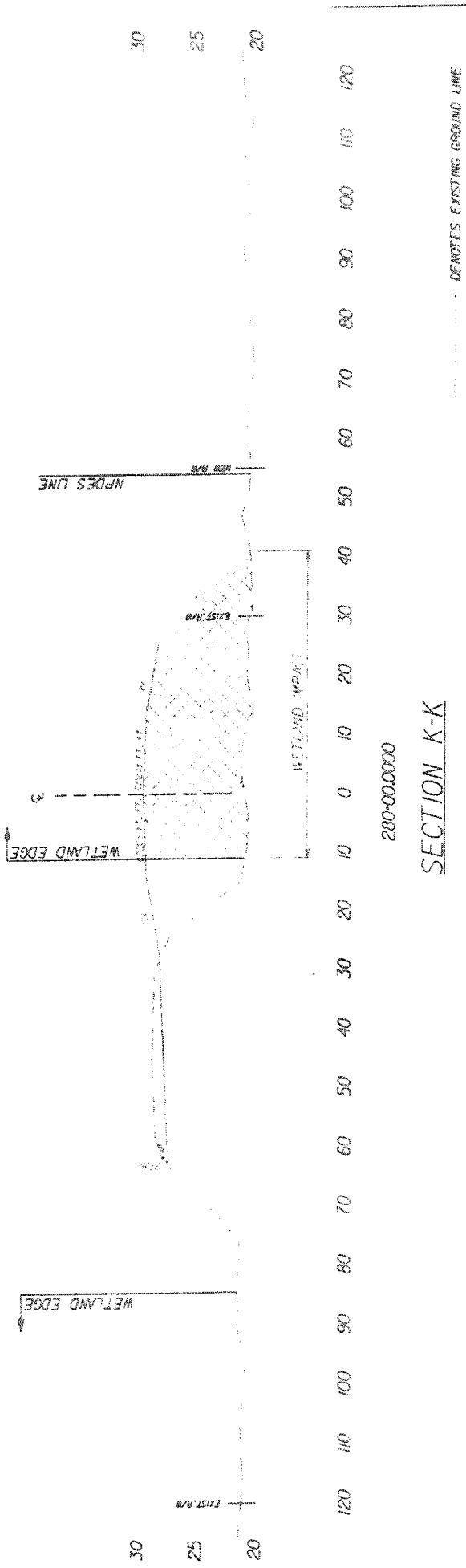


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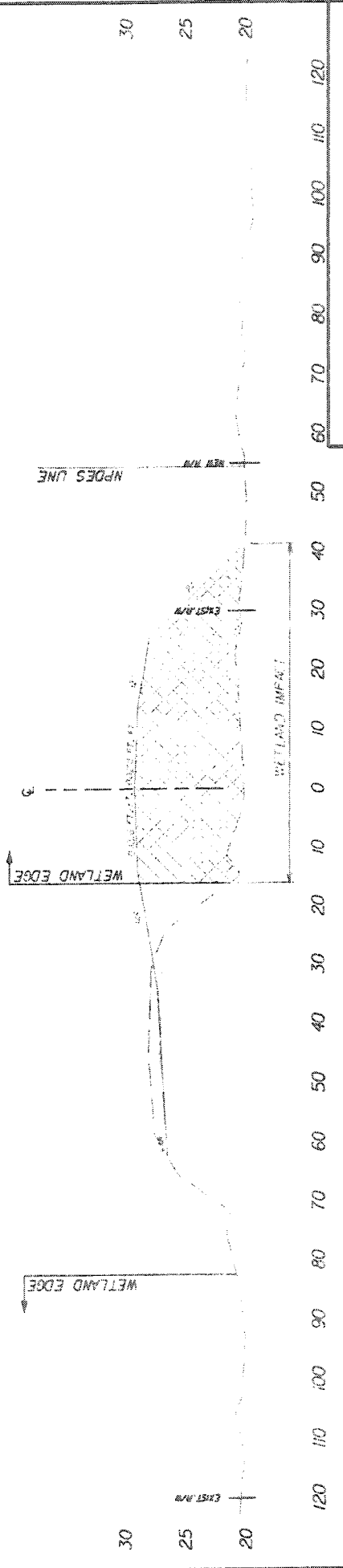
BRIDGE PIN 31503

CROSS SECTION



SECTION K-K

..... DENOTES EXISTING GROUND LINE

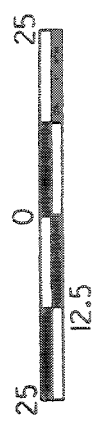


SECTION L-L

..... DENOTES EXISTING GROUND LINE

Site Plans-Individual Permit Application
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 Marion and Horry Counties

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GRAPHIC SCALE 1" = 25'

PLAN VIEW

MATCH LINE SHT. 13

173-07 RICKY D. SOLES
8624 CREPE MYRTLE PL
GRESHAM, SC 29546

(14) BOTTOMLAND HARDWOOD 'EF'
ISOLATED
NO IMPACT

(13) WOODED SWAMP 'AC'
ISOLATED
0.10 ACRES FILL
0.04 ACRES TEMP. CLEAR

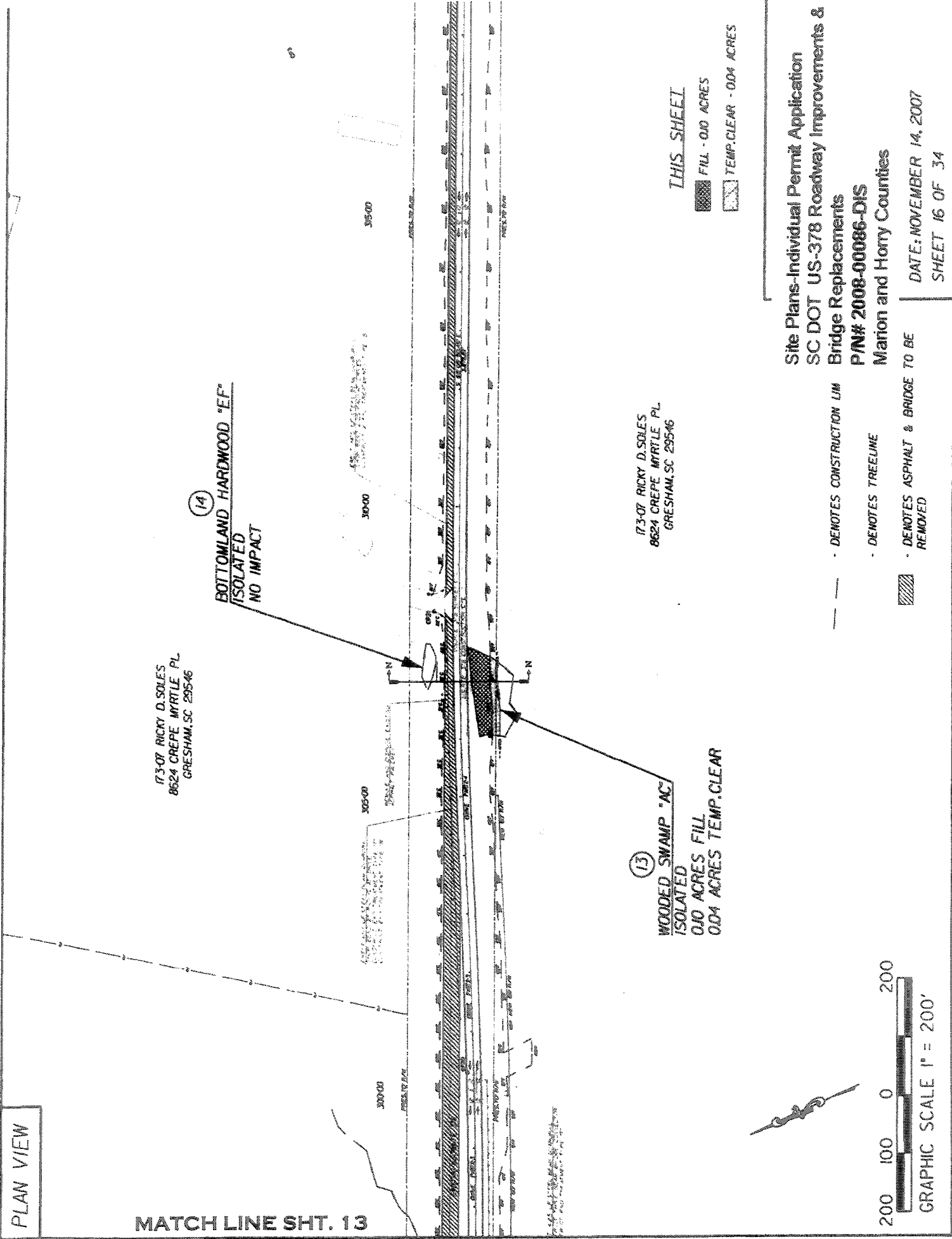
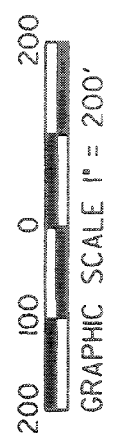
173-07 RICKY D. SOLES
8624 CREPE MYRTLE PL
GRESHAM, SC 29546

THIS SHEET
FILL - 0.10 ACRES
TEMP. CLEAR - 0.04 ACRES

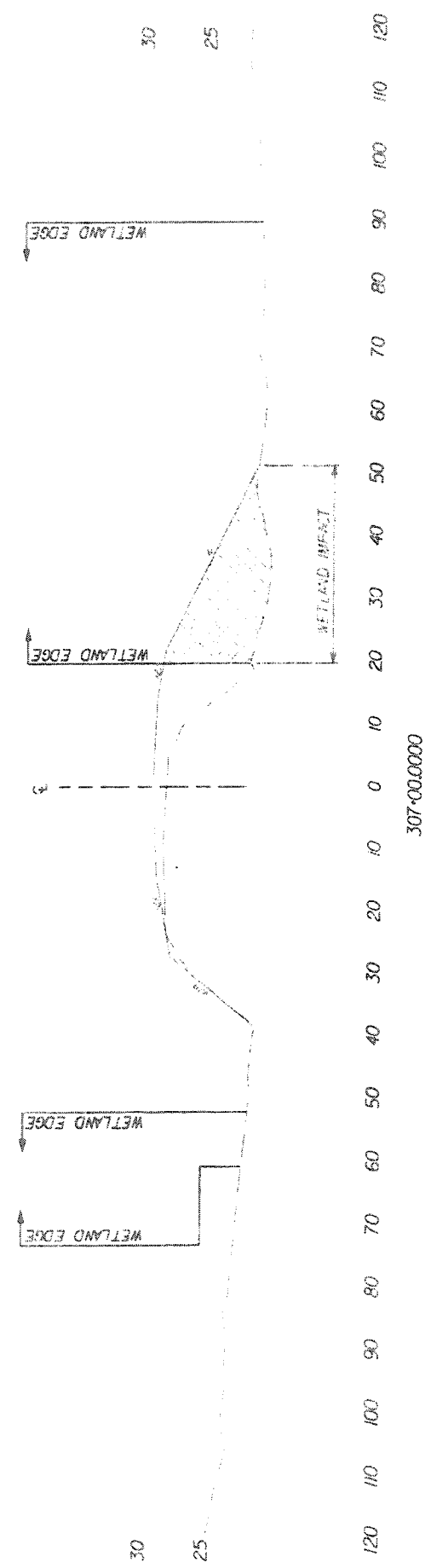
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Marion and Horry Counties

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- - - DENOTES CONSTRUCTION LIM
- - - DENOTES TREELINE
- - - DENOTES ASPHALT & BRIDGE TO BE REMOVED



CROSS SECTION



SECTION N-N

..... DENOTES EXISTING GROUND LINE

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Marion and Horry Counties

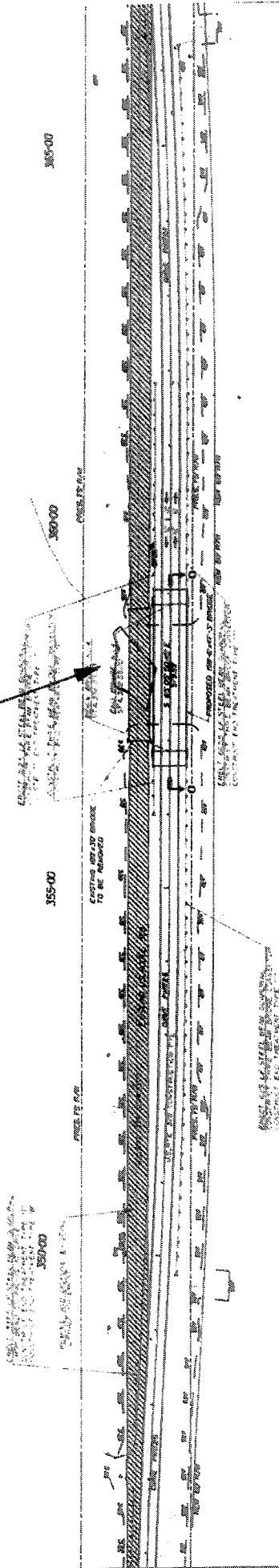
DATE: NOVEMBER 14, 2007
SHEET 17 OF 34



GRAPHIC SCALE 1" = 25'




PLAN VIEW

FRESHWATER MARSH "E"
NO IMPACT



THIS SHEET

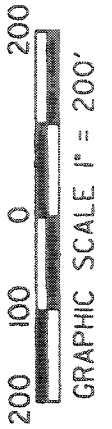
-  FILL - 0.00 ACRES
-  TEMP. CLEAR - 0.00 ACRES

-  - DENOTES CONSTRUCTION
-  - DENOTES TREE LINE
-  - DENOTES ASPHALT & BITUMEN REMOVED

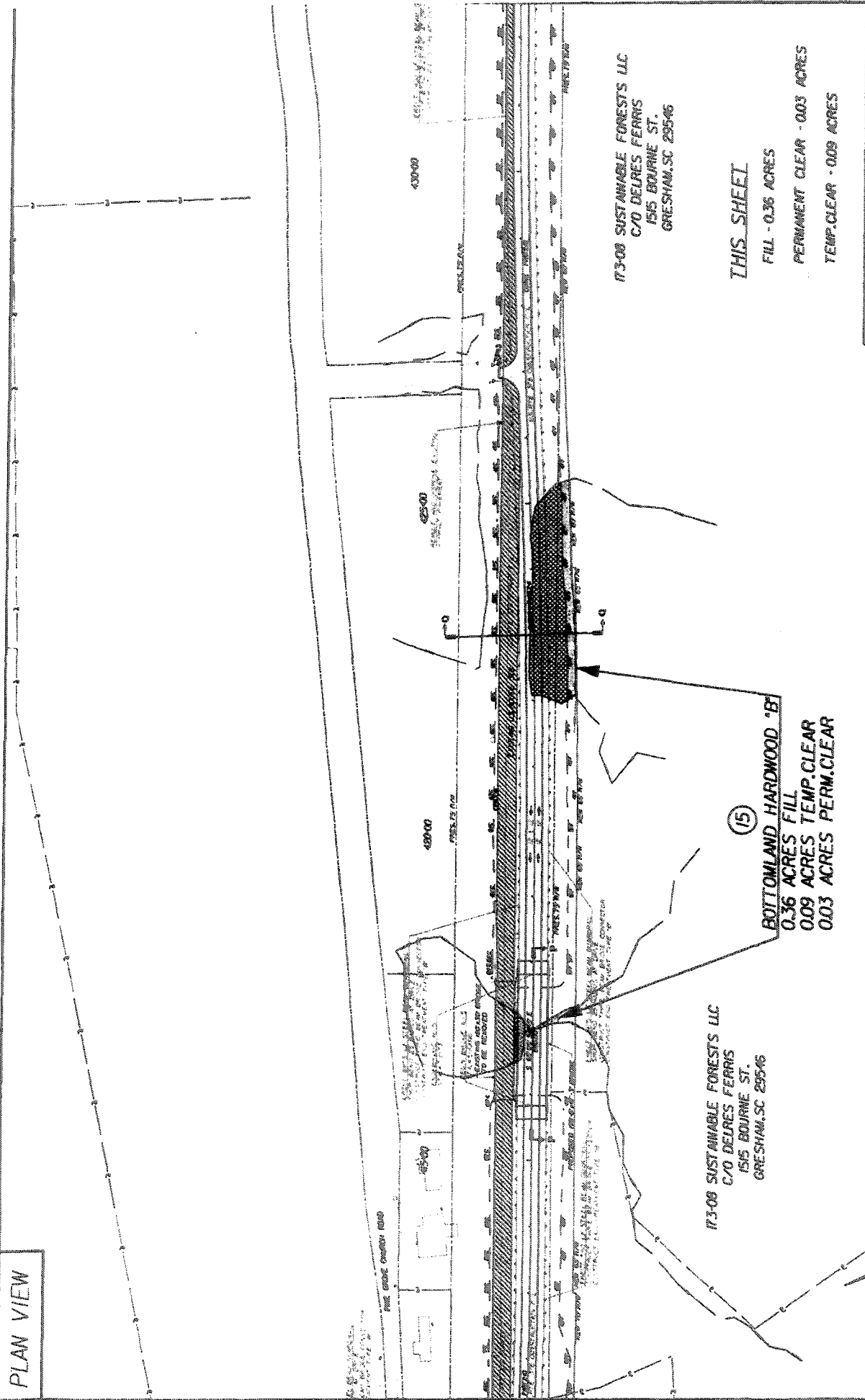
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BRIDGE PIN 31504



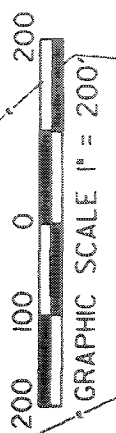
PLAN VIEW



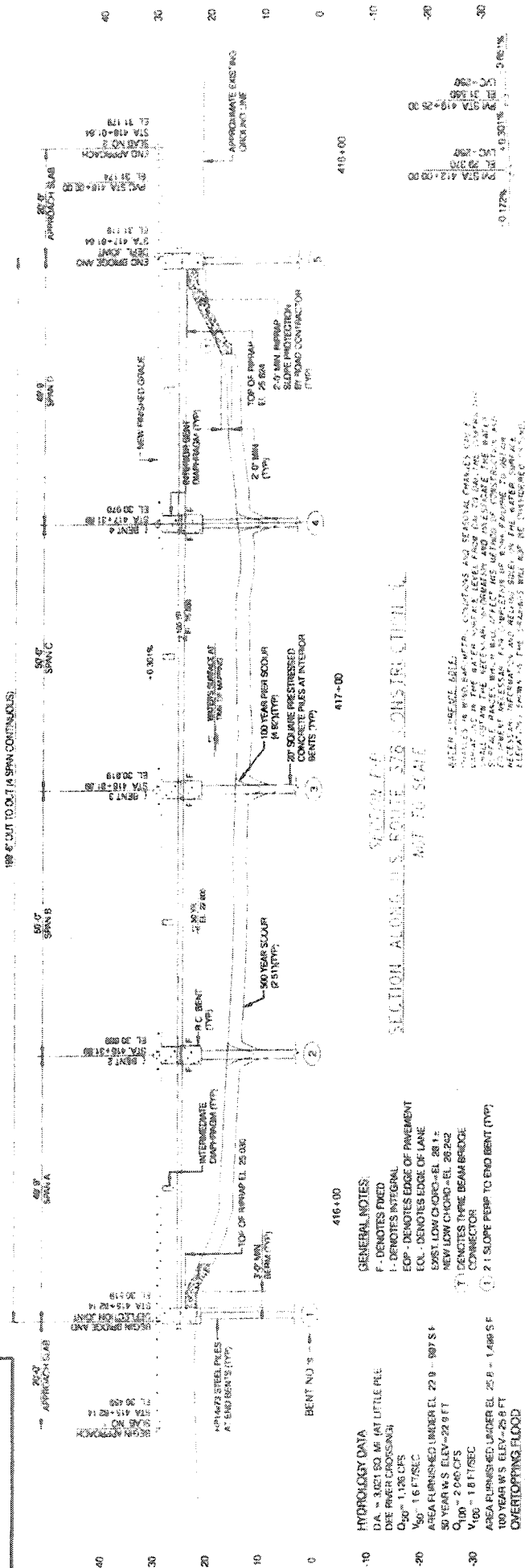
Site Plans-Individual Permit Application
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BRIDGE PIN 31505



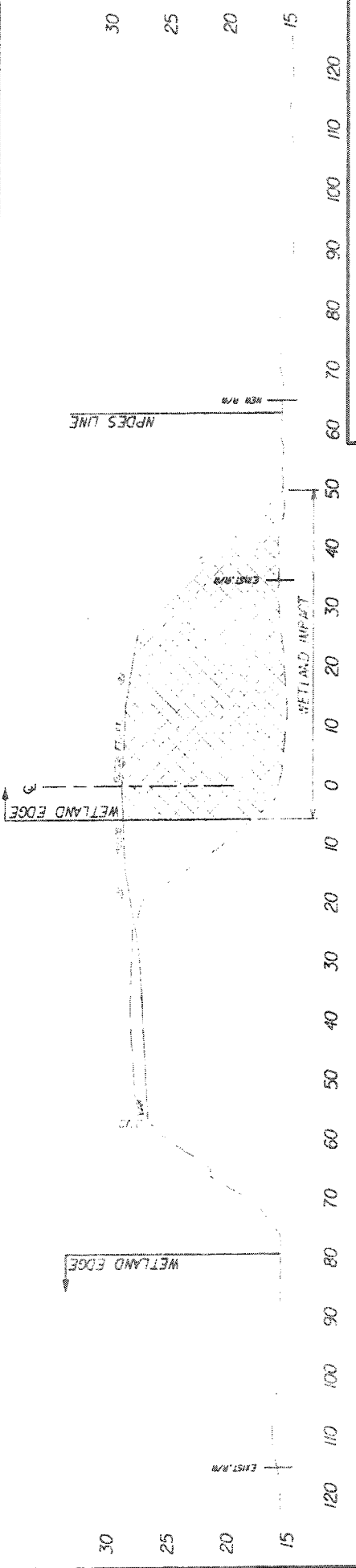
CROSS SECTION



SECTION ALONG US ROUTE 378 CONSTRUCTION

GENERAL NOTES:
 F - DENOTES FIXED
 I - DENOTES INTEGRAL
 EOP - DENOTES EDGE OF PAVEMENT
 EOL - DENOTES EDGE OF LANE
 EXIST LOW CHORD - EL. 28.1 -
 NEW LOW CHORD - EL. 28.202
 CONNECTION
 (1) DENOTES THREE BEAM BRIDGE
 (2) DENOTES TWO BEAM BRIDGE
 (3) 2:1 SLOPE PEMP TO END BENT (TYP.)

HYDROLOGY DATA
 D.A. = 3.021 SQ MI AT LITTLE RLE
 DRE RIVER CROSSING
 Q₅₀ = 1,126 CFS
 V₅₀ = 1.6 FT/SEC
 AREA FURNISHED UNDER EL. 22.9 - 807 S.F.
 50 YEAR W.S. ELEV. = 22.9 FT
 Q₁₀₀ = 2,042 CFS
 V₁₀₀ = 1.6 FT/SEC
 AREA FURNISHED UNDER EL. 25.8 - 1,486 S.F.
 100 YEAR W.S. ELEV. = 25.8 FT
 OVERTOPPING FLOOD
 Q = NA LVS
 PROBABILITY = NA



SECTION O-Q

423+00.0000

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GRAPHIC SCALE 1" = 25'

12.5

DEMOTES EXISTING GROUND LINE

PLAN VIEW

WOODED SWAMP 'J'
NO IMPACT

40+00

450+00

485+00

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

(16)

BOTTOMLAND HARDWOOD 'D'
0.08 ACRES FILL
0.06 ACRES TEMP.CLEAR

177-08 LUTHER PATTON STEIDMAN
P.O. BOX 1358
MARION, SC 29571

(17)

BOTTOMLAND HARDWOOD 'E'
0.07 ACRES FILL
0.05 ACRES TEMP.CLEAR

THIS SHEET

FILL - 0.15 ACRES

TEMP.CLEAR - 0.11 ACRES

- DENOTES CONSTRUCTION

- DENOTES TREELINE

- DENOTES ASPHALT & BRIDGE REMOVED

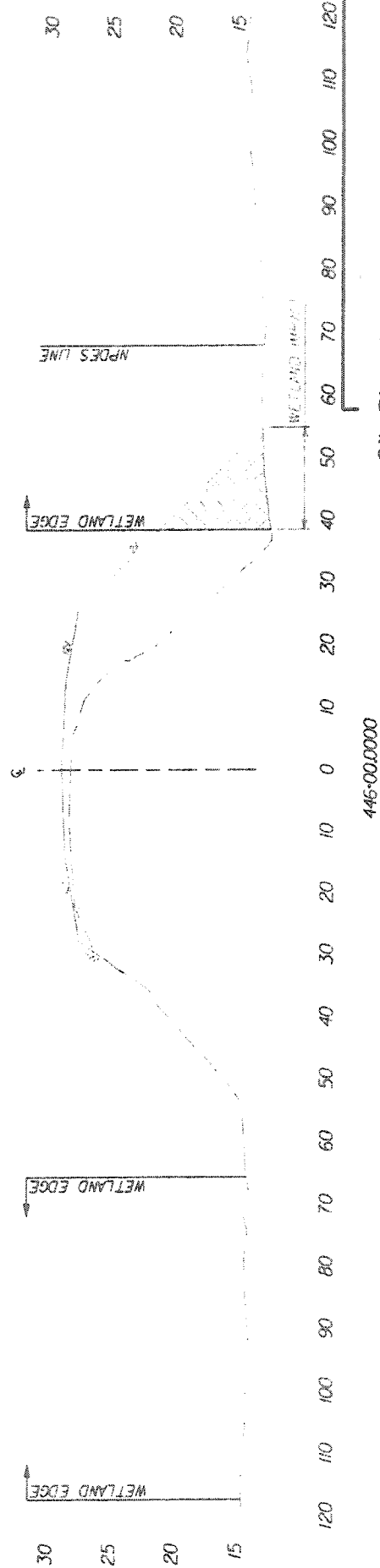
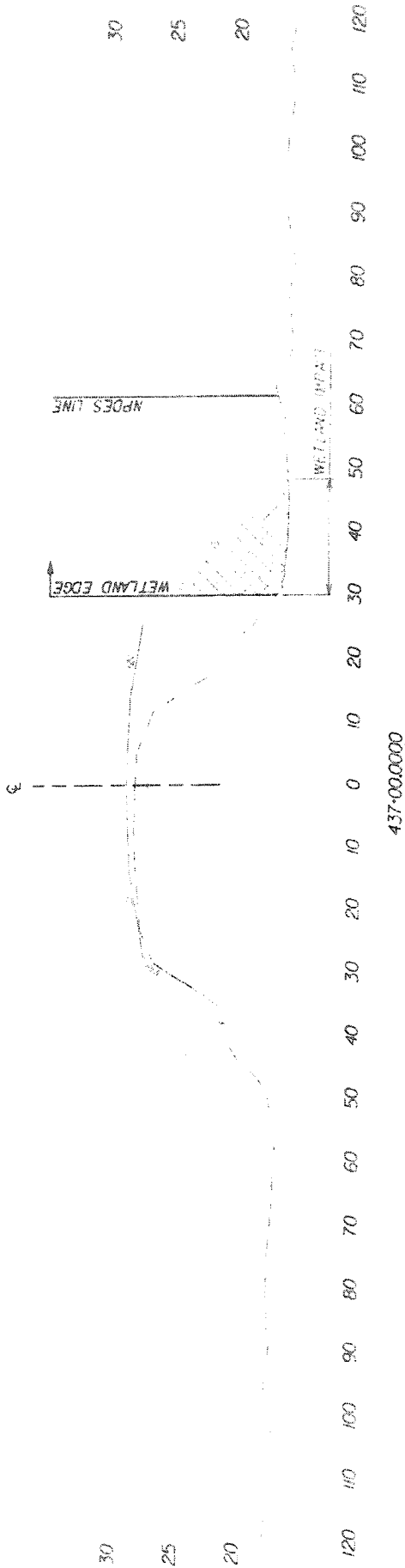
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200 100 0 200

GRAPHIC SCALE 1" = 200'

CROSS SECTION



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GRAPHIC SCALE 1" = 25'

PLAN VIEW

MATCH LINE SHT. 26

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

177-02 LUTHER PATTON STEDMAN
P.O. BOX 1356
MARRON, SC 29571

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

(18)
BOTTOMLAND HARDWOOD "K, L, M, N"
1.87 ACRES FILL
0.50 ACRES TEMP. CLEAR
0.21 ACRES PERM. CLEAR

THIS SHEET

FILL - 1.87 ACRES

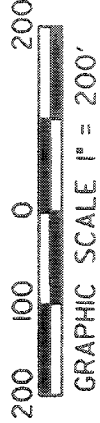
PERMANENT CLEAR - 0.21 ACRES

TEMP. CLEAR - 0.50 ACRES

- DENOTES CONSTRUCTION
- DENOTES TREE LINE
- DENOTES ASPHALT & BRM REMOVED

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BRIDGE PIN 31506

PLAN VIEW

MATCH LINE SHT. 26

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

173-08 SUSTAINABLE FORESTS LLC
C/O DELRES FERRIS
1515 BOURNE ST.
GRESHAM, SC 29546

(18)
BOTTOMLAND HARDWOOD "K.L.M.N"
187 ACRES FILL
0.50 ACRES TEMP. CLEAR
0.21 ACRES PERM. CLEAR

177-02 LUTHER PATON STEDMAN
P.O. BOX 1356
MARION, SC 29571

THIS SHEET

FILL - 187 ACRES

PERMANENT CLEAR - 0.21 ACRES

TEMP. CLEAR - 0.50 ACRES

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Marion and Horry Counties

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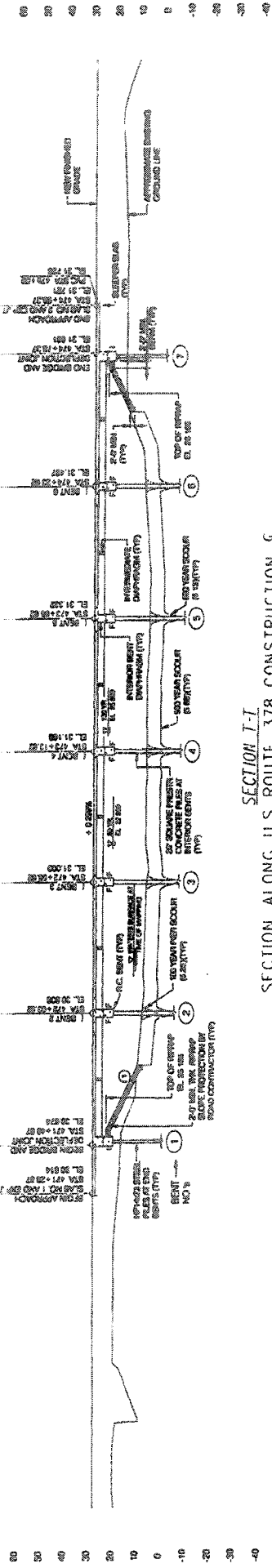
- DENOTES CONSTRUCTION I
- DENOTES TREE LINE
- DENOTES ASPHALT & BRK
REMOVED



GRAPHIC SCALE 1" = 200'

BRIDGE PIN 31506

CROSS SECTION

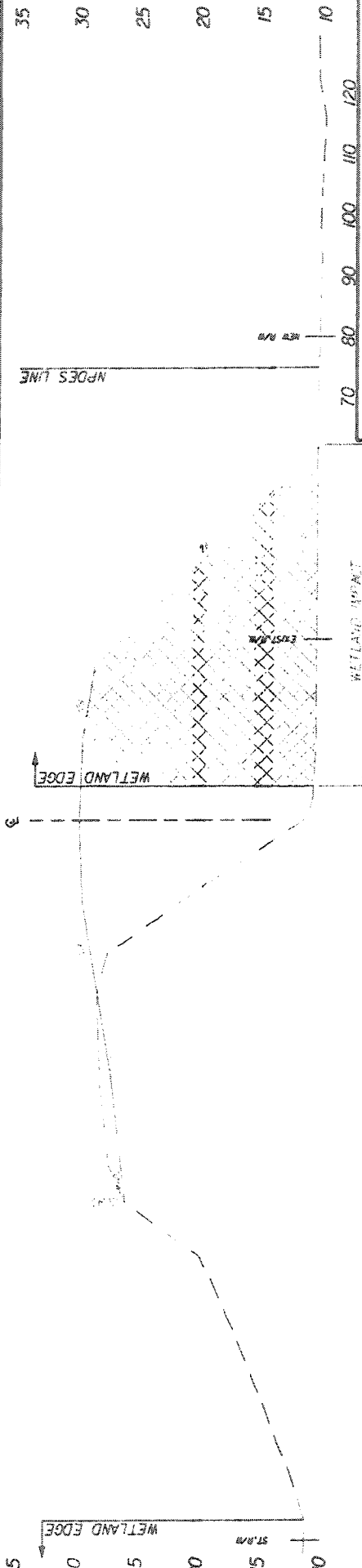
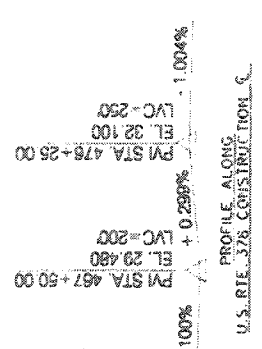


HYDROLOGY DATA
 DA = SHORT RUN 16' PART LITTLE PEE
 (SOUTH)
 Channel
 V₁₀ = 3.40 CFS
 V₅₀ = 1.6 FT/SEC
 AREA FURNISHED UNDER EL. 22.7 = 2.16 S.F.
 50 YEAR W.S. ELEVATION 22.8 FT
 V₁₀ = 2.0 FT/SEC
 AREA FURNISHED UNDER EL. 20.00 = 4.00 S.F.
 100 YEAR W.S. ELEVATION 22.5 FT
 EXPANSION BELLOUP
 C = 100 LPS
 PRODUCE = 46%

GENERAL NOTES:
 1. NEW LUMEN COORDINATE 2023
 2. DERIVED FROM
 3. DERIVED FROM
 4. DERIVED FROM

LEGEND:
 (1) 1' SLOPE FROM TO END BRIDGE (DVS)
 (2) DERIVED FROM
 (3) DERIVED FROM

SECTION I-I
 SECTION ALONG U.S. ROUTE 378 CONSTRUCTION C
 NOT TO SCALE



PLAN VIEW

177-01 CHARLES INGRAM LUMBER CO.
4930 PLANER RD.
EFFINGHAM, SC 29514

MATCH LINE SHT. 24

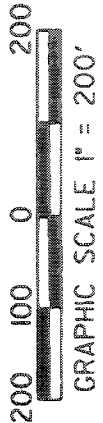
MATCH LINE SHT. 28

(19)
WOODED SWAMP "K.L.M.N."
1.53 ACRES FILL
0.25 ACRES PERM.CLEAR
0.35 ACRES TEMP.CLEAR

177-01 CHARLES INGRAM LUMBER CO.
4930 PLANER RD.
EFFINGHAM, SC 29514

(21)
WOODED SWAMP "K.L.M.N."
0.16 ACRES FILL
0.43 ACRES PERM.CLEAR
0.23 ACRES TEMP.CLEAR

177-01 CHARLES INGRAM LUMBER CO.
4930 PLANER RD.
EFFINGHAM, SC 29514



THIS SHEET

FILL - 1.69 ACRES

PERMANENT CLEAR - 0.68 ACRES

TEMP. CLEAR - 0.59 ACRES

- DENOTES CONSTRUCTION LIA

- DENOTES TREE LINE

- DENOTES ASPHALT & BRIDGE REMOVED

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BRIDGE PIN 31507

PLAN VIEW

MATCH LINE SHT. 26

MATCH LINE SHT. 30

(22) WOODED SWAMP "K,L,M,N"
1.17 ACRES FILL
0.20 ACRES TEMP.CLEAR

(24) BORROW PIT "W"
ISOLATED
0.005 ACRES FILL

(23) BORROW PIT "Y"
ISOLATED
0.07 ACRES FILL
0.02 ACRES TEMP.CLEAR

177-01 CHARLES INGRAM LUMBER CO
4930 PLANNER ROAD
EFFINGHAM, SC 29514

147-01-62 CHARLES N. INGRAM, TRUST
PO BOX 400062
JACKSONVILLE, FL 32203



GRAPHIC SCALE 1" = 200'

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Marion and Horry Counties

- DENOTES CONSTRUCTIO
- DENOTES TREELINE
- DENOTES ASPHALT & I
REMOVED

THIS SHEET

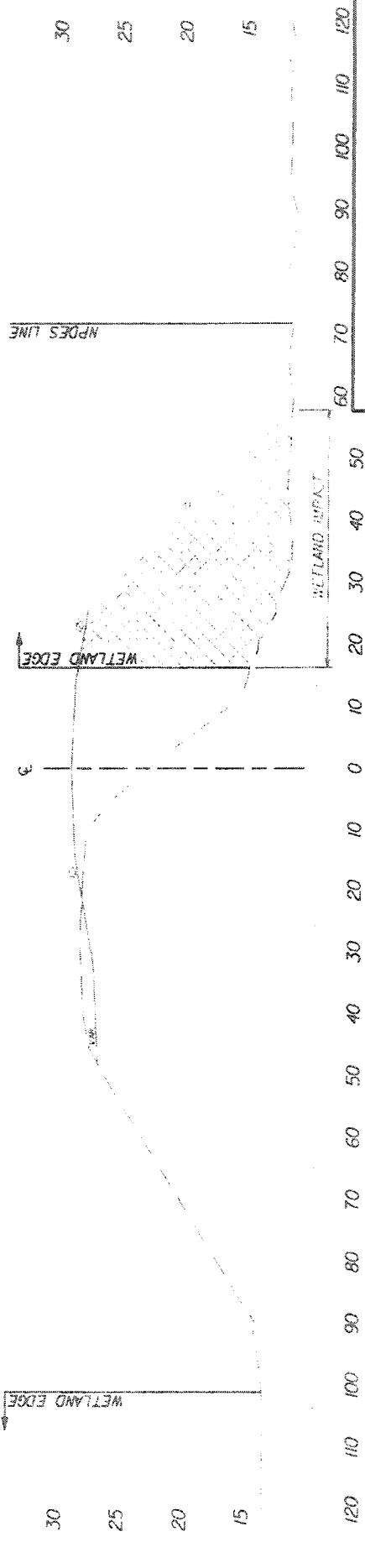
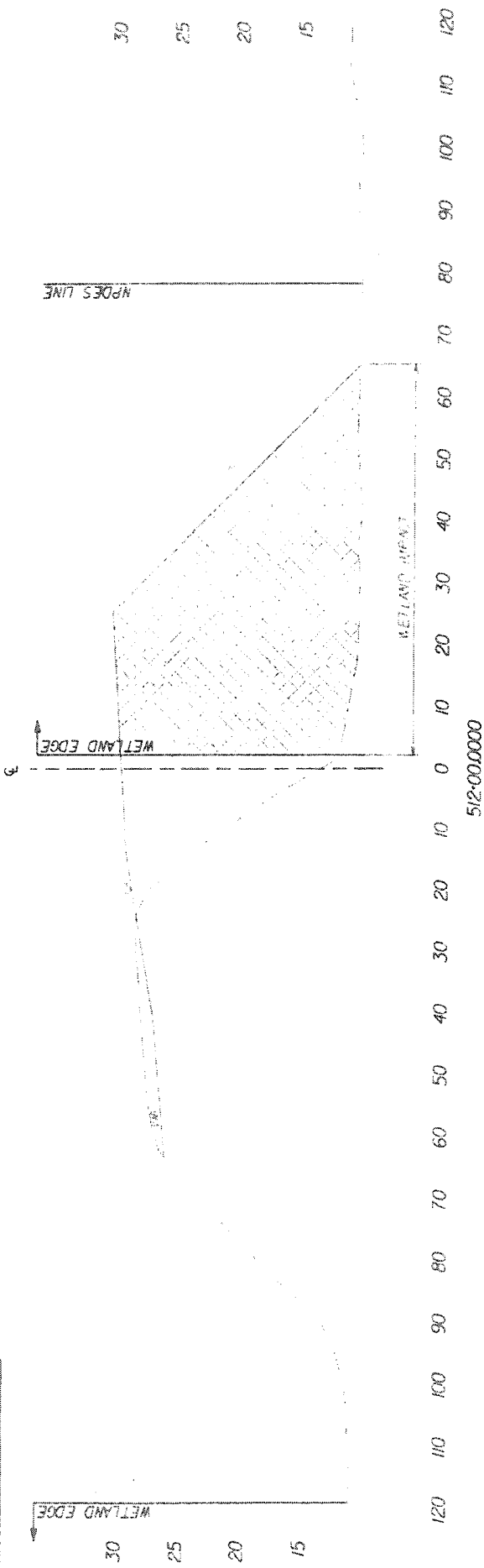
FILL - 125 ACRES

TEMP.CLEAR - 0.22 ACRES

DATE: NOVEMBER 14, 2007

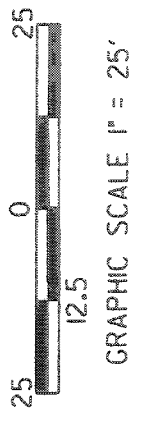
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CROSS SECTION



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PLAN VIEW

MATCH LINE SHT. 28

(25)
BORROW PIT "V"
ISOLATED
0.013 ACRES FILL

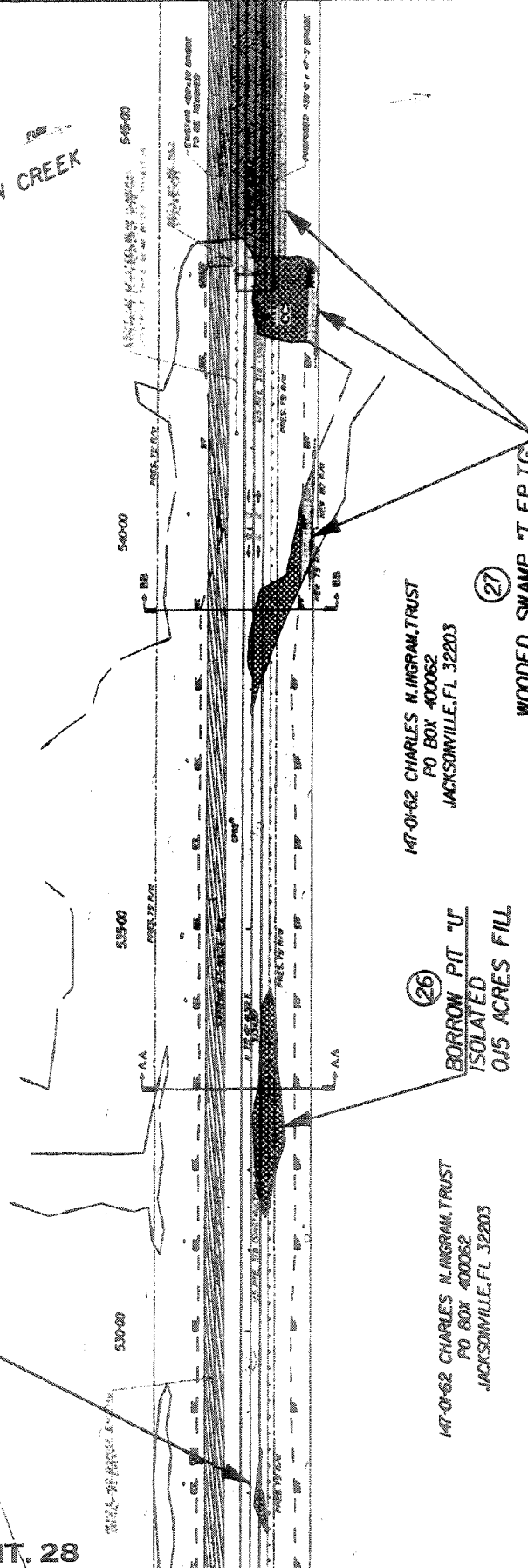
(26)
BORROW PIT "U"
ISOLATED
0.15 ACRES FILL

MT-01-62 CHARLES N. INGRAM, TRUST
PO BOX 400062
JACKSONVILLE, FL 32203

(27)
WOODED SWAMP "T.E.P.T.G."
0.27 ACRES FILL
0.34 ACRES PERM.CLEAR
0.22 ACRES TEMP.CLEAR

SINGLETON CREEK

MATCH LINE SHT. 33



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- - - - - DENOTES CONSTRUCTION
- - - - - DENOTES TREE LINE
- - - - - DENOTES ASPHALT & BRIDGE TO BE REMOVED

THIS SHEET

FILL - 0.43 ACRES

PERMANENT CLEAR - 0.34 ACRES

TEMP. CLEAR - 0.22 ACRES

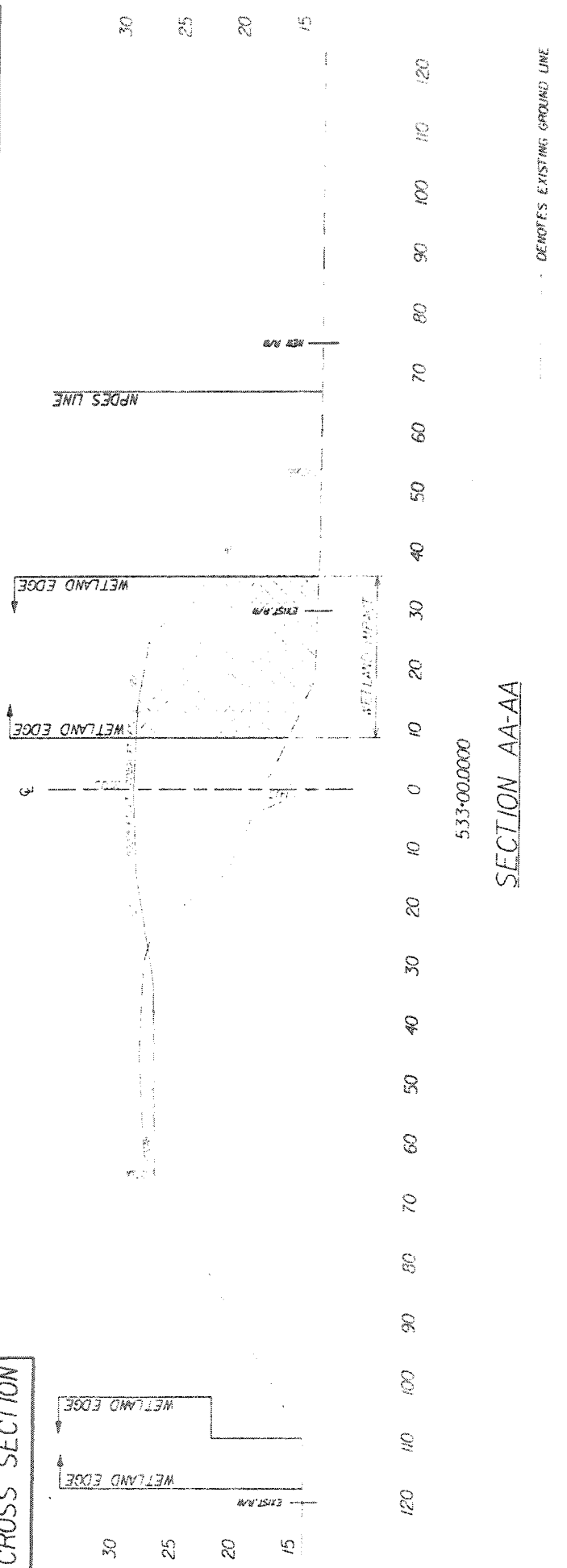
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GRAPHIC SCALE 1" = 200'

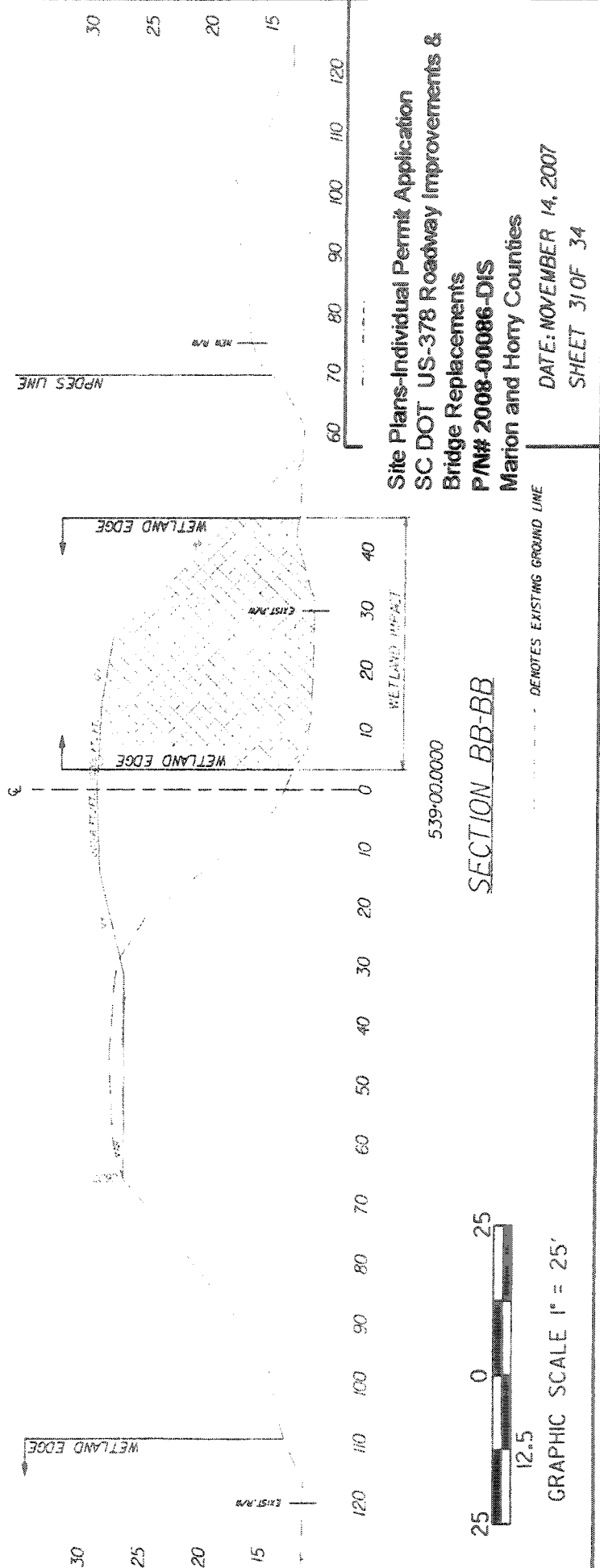
BRIDGE PIN 31508

CROSS SECTION



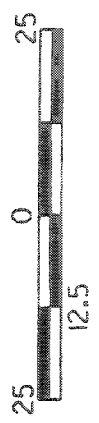
533-00.0000

SECTION AA-AA



539-00.0000

SECTION BB-BB

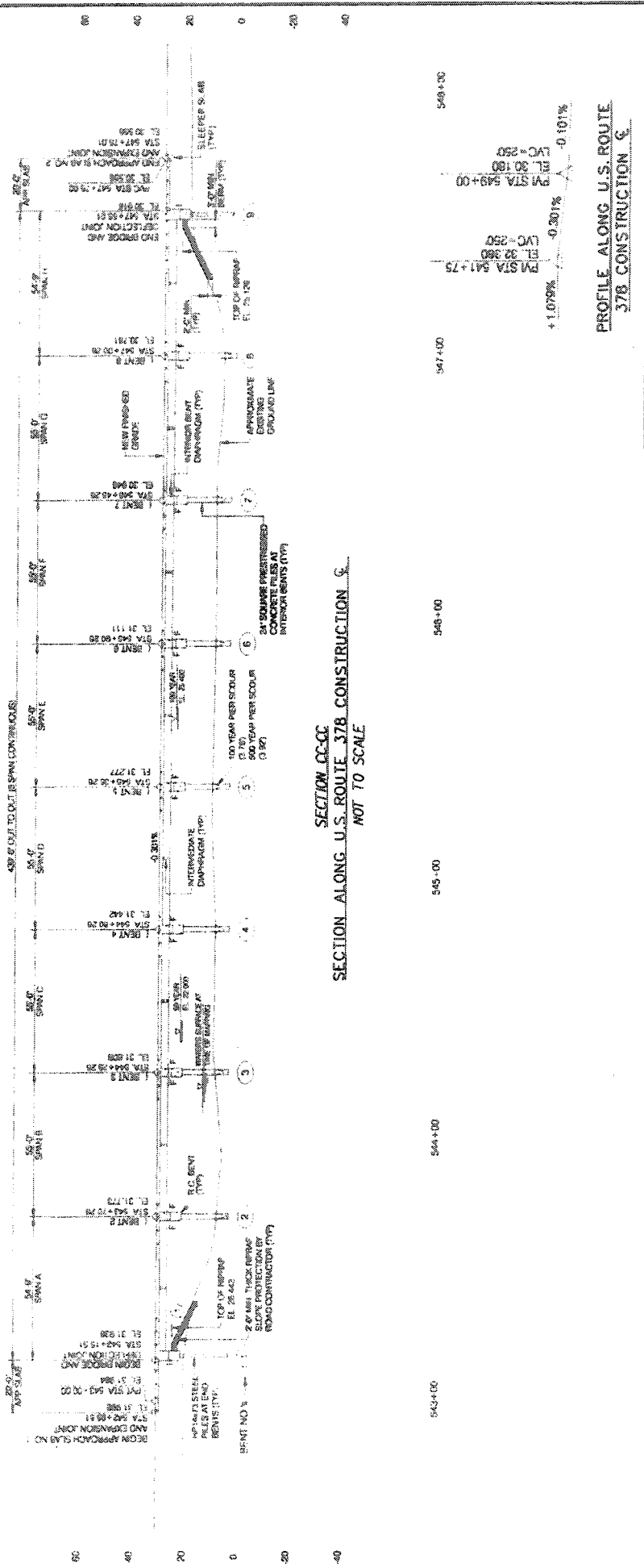


GRAPHIC SCALE 1" = 25'

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CROSS SECTION

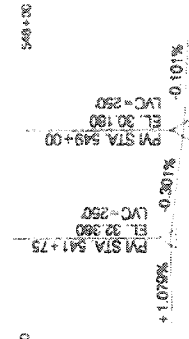


SECTION CC-CC
SECTION ALONG U.S. ROUTE 378 CONSTRUCTION S.
NOT TO SCALE

HYDROLOGY DATA
 DA = 3.071 SQ. MI. AT LITTLE
 PCE USE (IMP. CROSSING)
 V₁₀ = 1.8 FT/SEC
 AREA (UPSTREAM) LARGER
 EL. 22.9 = 4,000 SF
 50 YEAR W.S. EL. = 22.8 FT
 V100 = 1.750 FT/SEC
 EL. 20.8 = 17 FT/SEC
 EL. 20.8 = 17 FT/SEC
 100 YEAR W.S. EL. = 20.4 FT
 (CONCRETE BEAMS PLACED)
 O = WALLS
 PROBABILITY = .80

GENERAL NOTES:
 EXISTING LOW COVERED BL. 20.12
 NEW LOW COVER EL. 20.307
 F - DESIGNATED PAVED
 1 - DESIGNATED INTERVAL
 ① - DESIGNATES TYPICAL BEAM BRIDGE CONNECTION
 ② - 1:1 SLOPE PERPENDICULAR TO ROAD BEAM (TYP)

WATER SURFACE NOTE:
 CHANGES IN WIND DIRECTION, CONDITIONS AND SEASONAL CHANGES CAUSE
 VARIATIONS IN WATER SURFACE ELEVATION. THE CONTRACTOR
 SHALL OBTAIN THE NECESSARY INFORMATION AND INVESTIGATE THE WATER
 SURFACE CHANGES WHICH WILL AFFECT HIS METHOD OF CONSTRUCTION AND
 ELEVATIONS NECESSARY FOR COMPLETION OF WORK. FAILURE TO OBTAIN
 NECESSARY INFORMATION AND INVESTIGATION OF WATER SURFACE
 ELEVATIONS SHOWN ON THE DRAWINGS WILL NOT BE CONSIDERED GROUNDS
 FOR ADDITIONAL COMPENSATION AND/OR TIME EXTENSION.



PROFILE ALONG U.S. ROUTE
378 CONSTRUCTION S.

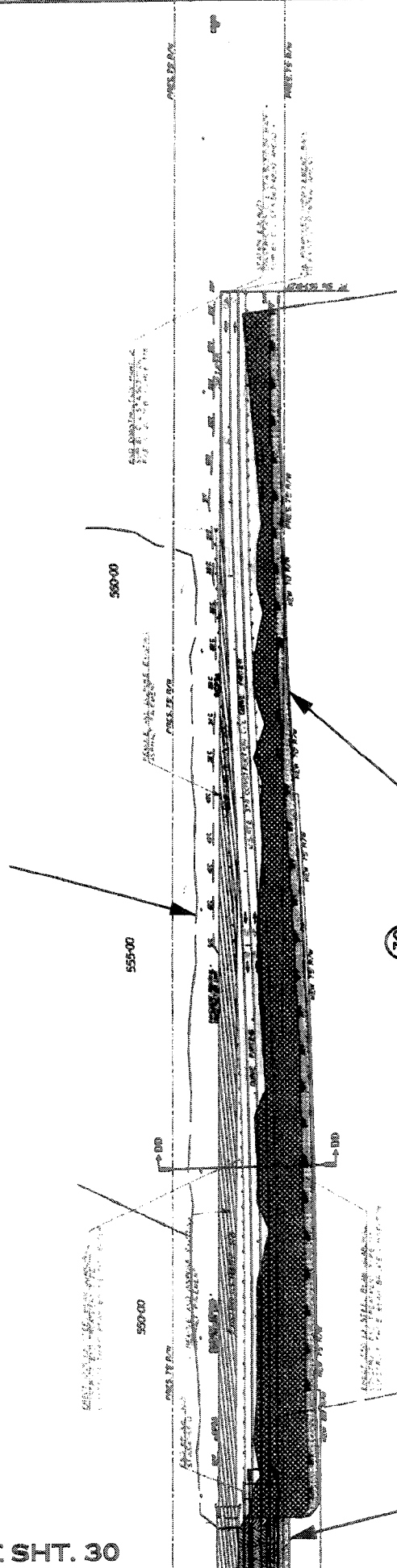
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133-01-01 JOE JOHNSON FARMS, LLC
6924 HIGHWAY 378
CONWAY, SC 29527-6166

MATCH LINE SHT. 30

WOODED SWAMP T.E.P.TG
NO IMPACT



30
WOODED SWAMP T.E.P.TG
162 ACRES FILL
0.08 ACRES PERM.CLEAR
0.51 ACRES TEMP.CLEAR

147-01-62 CHARLES N. INGRAM, TRUST
PO BOX 400062
JACKSONVILLE, FL 32203

133-01-05 BEN & SUSAN REAVIS
313 COUNTY CLUB DRIVE
CONWAY, SC 29526-3907

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THIS SHEET

FILL - 162 ACRES

PERMANENT CLEAR - 0.08 ACRES

TEMP.CLEAR - 0.51 ACRES



GRAPHIC SCALE 1" = 200'

--- DENOTES CONSTRUCTION L

- DENOTES TREELINE

- DENOTES ASPHALT & BRIL
REMOVED

BRIDGE PIN 31508

CROSS SECTION



120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

552-00.00000

SECTION DD-DD

..... DEMOTES EXISTING GROUND LINE

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GRAPHIC SCALE 1" = 25'