



REPLY TO
ATTENTION OF:

South Mississippi Branch
Regulatory Division

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

March 31, 2015

**JOINT PUBLIC NOTICE SAM-2015-00091-PAH
U.S. ARMY CORPS OF ENGINEERS**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF POLLUTION CONTROL (DMR-150203)**

**BRICKYARD BAYOU DRAINAGE IMPROVEMENTS
GULFPORT, HARRISON COUNTY, MISSISSIPPI**

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. Please communicate this information to interested parties.

APPLICANT: **City of Gulfport**
4050 Hewes Avenue
Gulfport, Mississippi 39507

AGENT: **Mr. Larry Lewis**
BMI Environmental Services, LLC
521 34th Street
Gulfport, Mississippi 39507

LOCATION: The project is located along an existing drainage corridor stretching from 8th Avenue to Highway 49, Gulfport, Harrison County, Mississippi, centered on Latitude 30.3860 North, Longitude 89.0780 West.

WORK: The applicant proposes to re-shape the channel banks, conduct bank stabilization, and perform dredging activities to remove accumulated sediments in order to reduce minimize flooding in the neighborhoods along Brickyard Bayou. The project encompasses approximately 8,500 lf (1.65mi) of Brickyard Bayou, an open-ditched and bridged drainage system located north of Pass Road that flows from its headwaters in West Gulfport east to Bernard Bayou. Approximately 4.8 acres of open water will be excavated to remove sediment build up and restore flow conditions. The proposed action would result in the loss of 2.12 acres of low quality palustrine forested wetlands. These wetlands would be filled to construct a permanent maintenance access road. Approximately, 6.0 acres of emergent/scrub-shrub wetlands and 0.05 acres of palustrine forested of wetlands located within the banks of the existing channel will be temporarily impacted due to channel improvement excavation activities. All excavated material will

be placed within a diked disposal area at the City of Gulfport Maintenance Yard at Hewes Avenue. To compensate for the permanent loss of 2.12 acres of wetlands, the City of Gulfport will purchase an appropriate number of mitigation credits from an approved wetlands mitigation bank. Once the excavation is completed, the emergent/scrub-shrub wetlands and the palustrine forested wetlands along the banks and margins of Brickyard Bayou should re-establish naturally.

PROJECT PURPOSE: As stated by the applicant, the purpose of this project is to removed sediment build-up and restores flow conditions to reduce flooding in this area of Gulfport, Mississippi

MITIGATION: As proposed mitigation the applicant has stated that they will purchase credits from an approved mitigation bank for all permanent impacts.

The applicant has applied for certification from the State of Mississippi in accordance with Section 401(a)(1) of the Clean Water Act and upon completion of the required advertising; a determination relative to certification will be made. The applicant has applied for State Water Quality Certification (WQC) in accordance with Section 401(a)(1) of the Clean Water Act, and for coastal zone (CZ) consistency in accordance with the State Coastal Zone Management Program. Upon completion of the required advertising and public comment review, a determination relative to WQC and CZ consistency will be made by the Mississippi Office of Pollution Control and the Mississippi Department of Marine Resources.

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (Corps) can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision whether to issue a permit will be based on an evaluation of the probable impact, 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, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and in general, the needs and welfare of the people. The Corps 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 proposed activity. Any comments received will be considered by the Corps 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 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 proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held for consideration of this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing.

In accordance with Section 106 of the National Historic Preservation Act, and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to effect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR 325, the Corps has determined that the permit area consists of the work site. We are seeking comment from the State Historic Preservation Officer, Federally-recognized American Indian tribes, and the general public regarding the existence or the potential for existence of significant cultural and historic properties within the permit area. The Corps has made a preliminary determination that there is no potential to affect cultural and historic properties within the permit area based on the repeated maintenance work and upland development in the area.

Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicate that the proposed activity will have no effect on listed endangered or threatened species, or their critical habitats, or essential fish habitat. The project will be coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal includes impacting an area approximately 4.8 acres of open canal waters within an existing man made canal system. The project area includes no resources that would be utilized by various life stages of various marine species. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or Federally managed fisheries. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2015-00091-PAH** and should be directed to the District Commander, U.S. Army Corps of Engineer, Mobile District, Attention: Mr. Philip A. Hegji RD-M, Post Office Box 2288, Mobile, Alabama 36628-0001, and a copy to the Mississippi Department of Environmental Quality, Office of Pollution Control, Attention: Ms. Florance Watson, P.E., Post Office Box 2261, Jackson, Mississippi 39225 and the Mississippi Department of Marine Resources, Bureau of Wetlands Permitting and Mitigation, 1141 Bay view Avenue, Biloxi, Mississippi 39530

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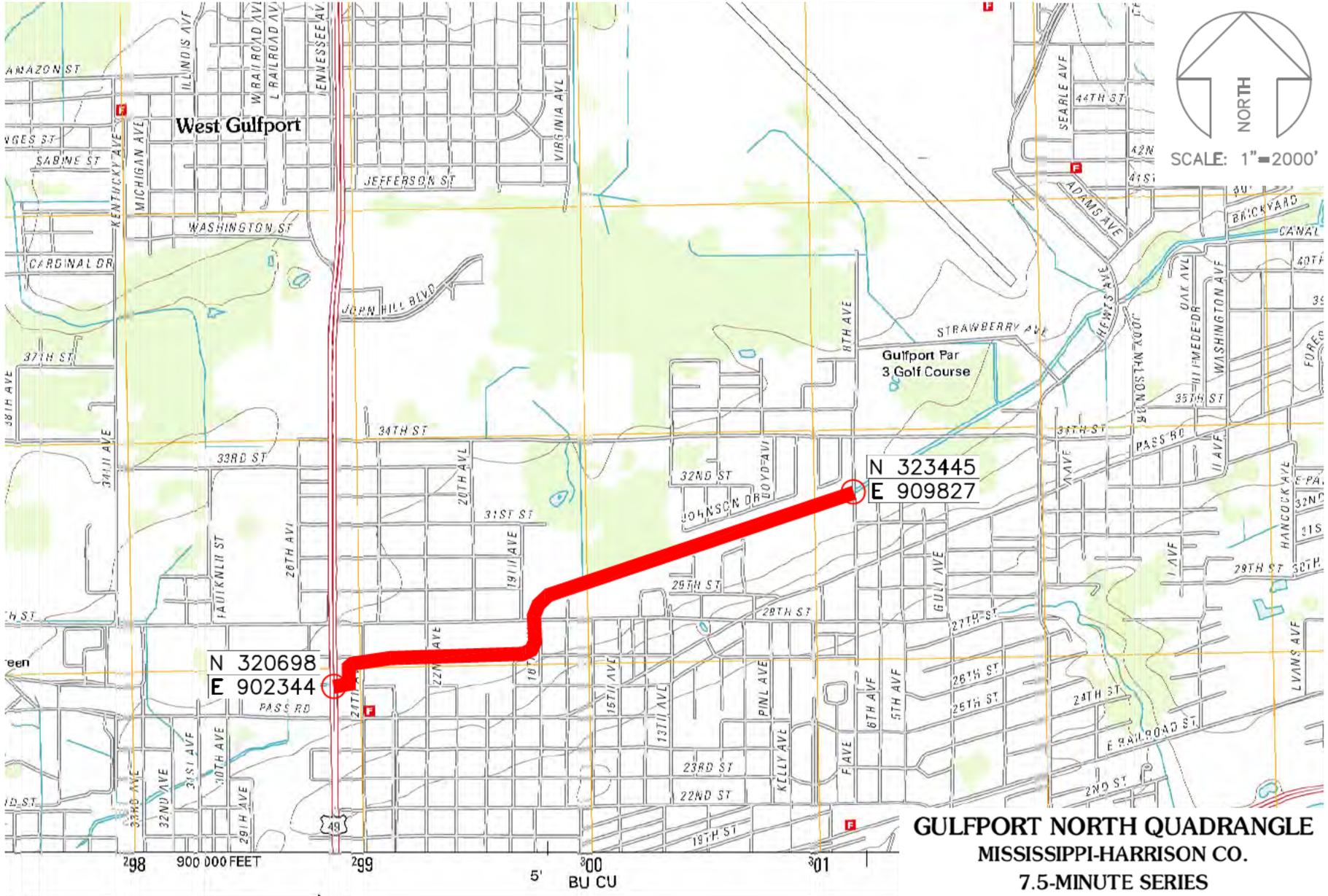
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All Comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact the project manager for this application, Mr. Hegji at **(251) 690-3222** or at **philip.a.hegji@usace.army.mil**. Please refer to the above Public Notice number.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Enclosures



GULFPORT NORTH QUADRANGLE
MISSISSIPPI-HARRISON CO.
7.5-MINUTE SERIES

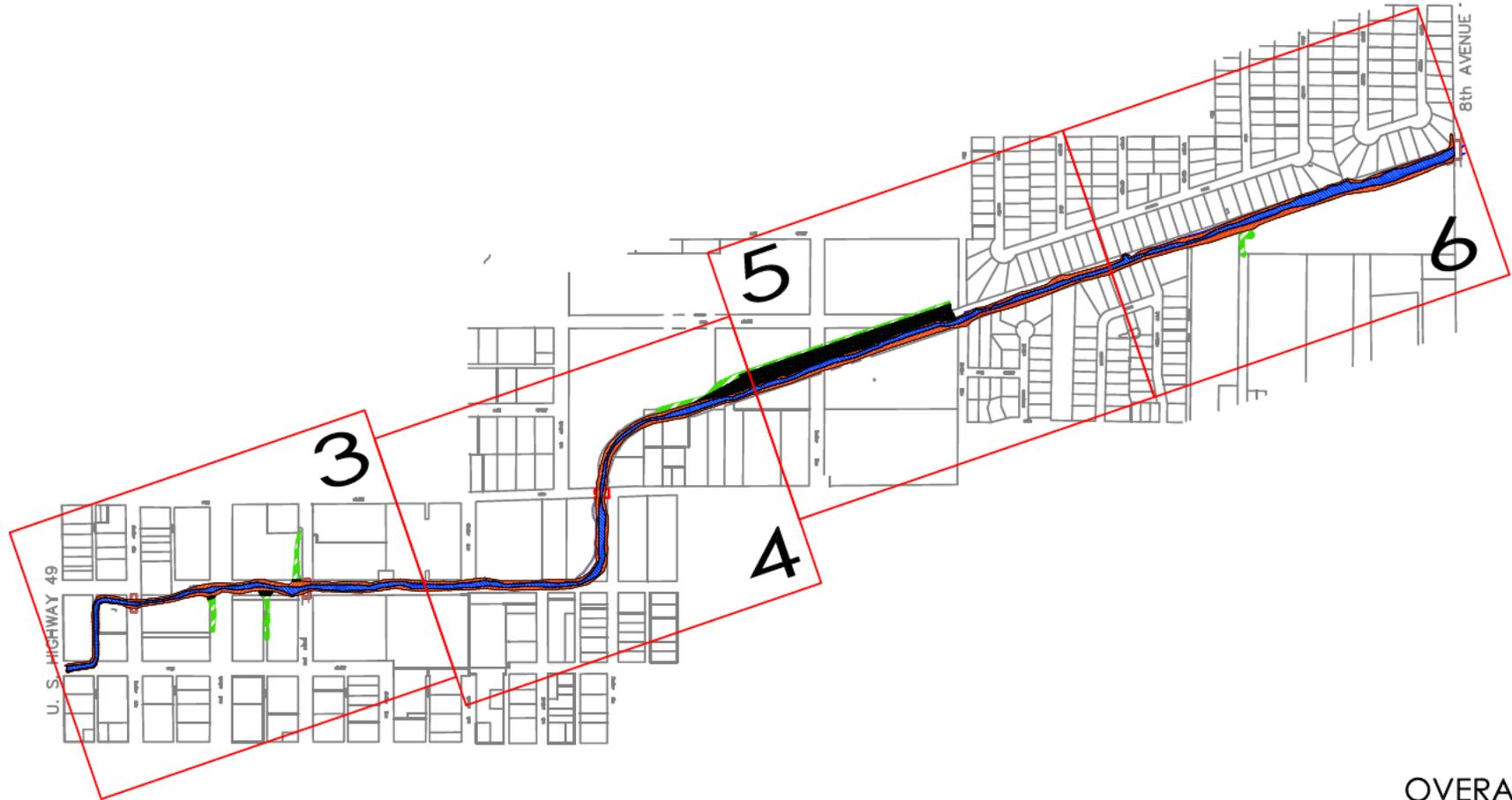
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 CONSULTING ENGINEERS

IMPROVEMENTS TO
BRICKYARD BAYOU
 U. S. HIGHWAY 49 TO 8th AVENUE
 CITY OF GULFPORT, MISSISSIPPI
 SHEET 1 OF 16



SCALE: 1"=1000'



OVERALL
EXISTING CONDITIONS PLAN

IMPROVEMENTS TO
BRICKYARD BAYOU
U. S. HIGHWAY 49 TO 8th AVENUE
CITY OF GULFPORT, MISSISSIPPI

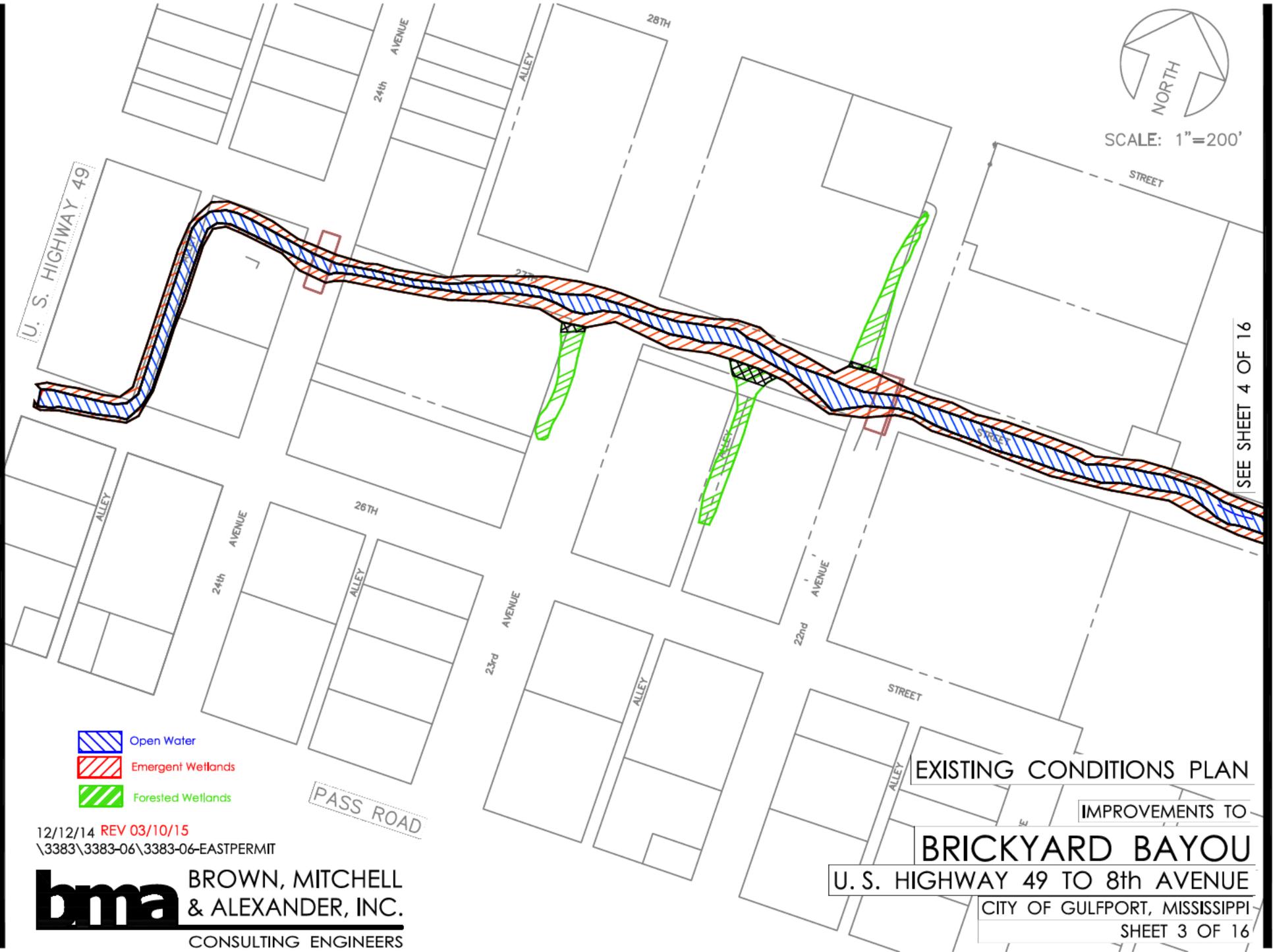
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SCALE: 1"=200'



SEE SHEET 4 OF 16

-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

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EXISTING CONDITIONS PLAN

IMPROVEMENTS TO

BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

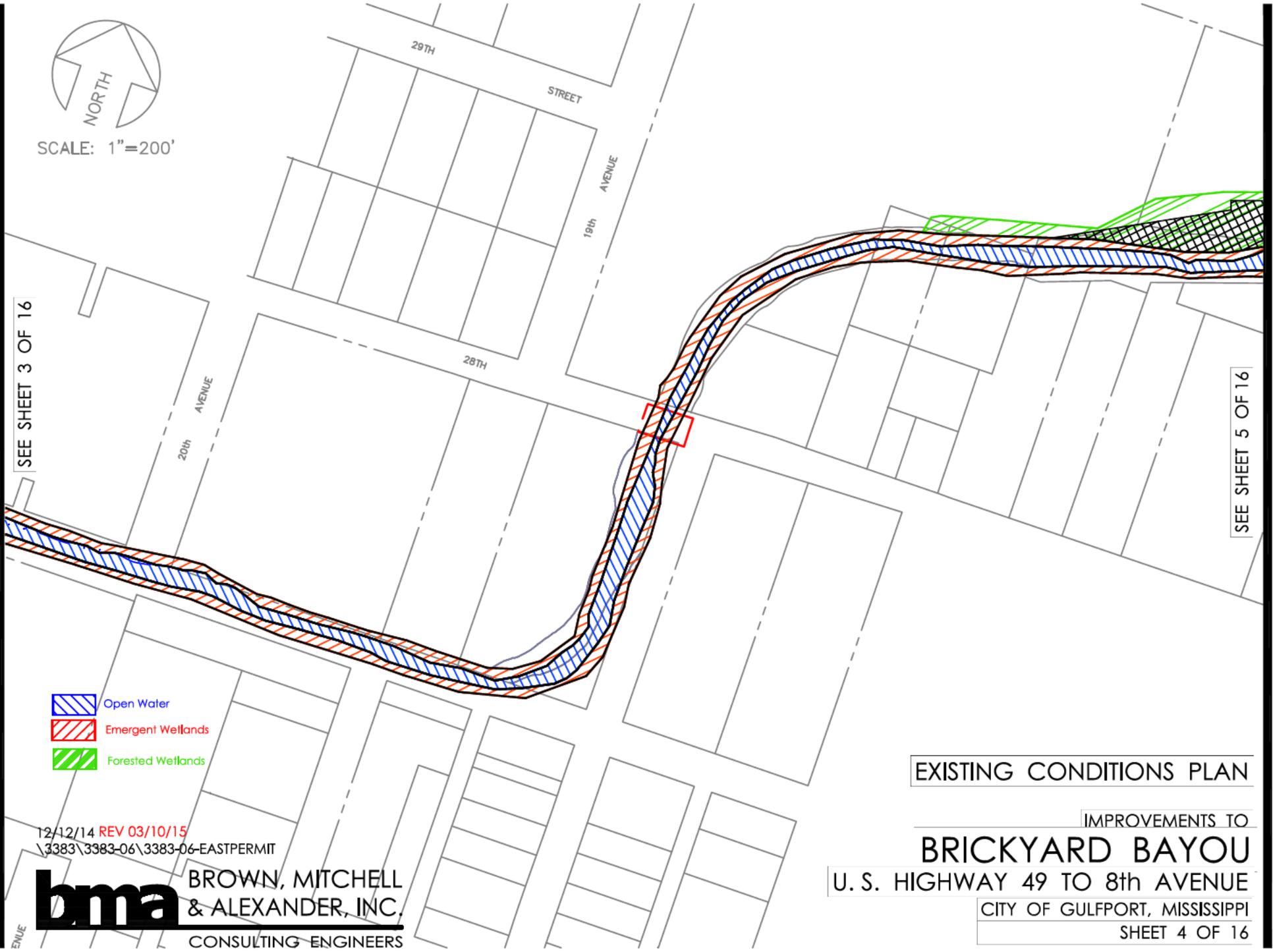
SHEET 3 OF 16



SCALE: 1"=200'

SEE SHEET 3 OF 16

SEE SHEET 5 OF 16



-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

EXISTING CONDITIONS PLAN

IMPROVEMENTS TO

BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

SHEET 4 OF 16

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ENUE



SCALE: 1"=200'

SEE SHEET 4 OF 16

SEE SHEET 6 OF 16

-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

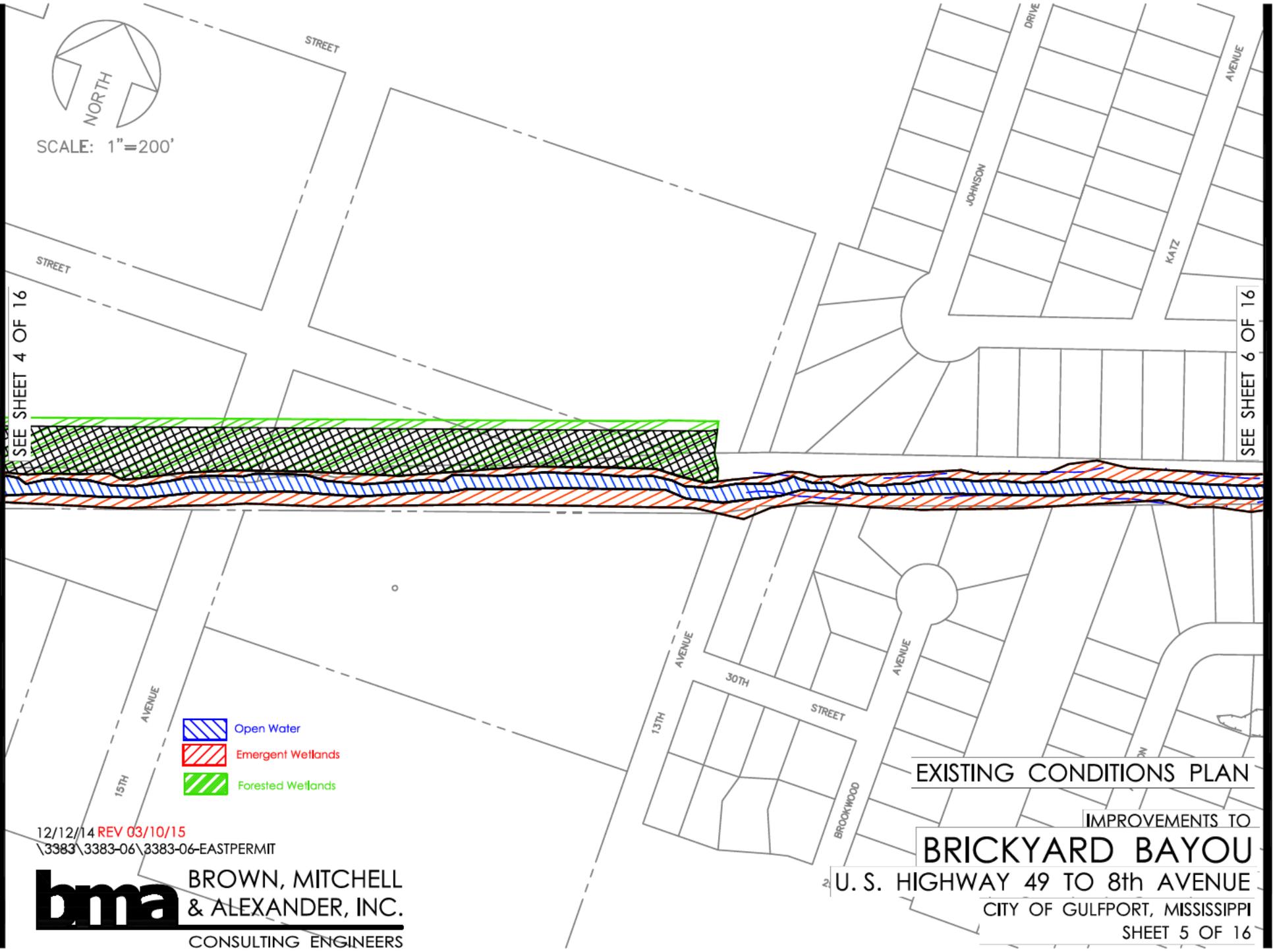
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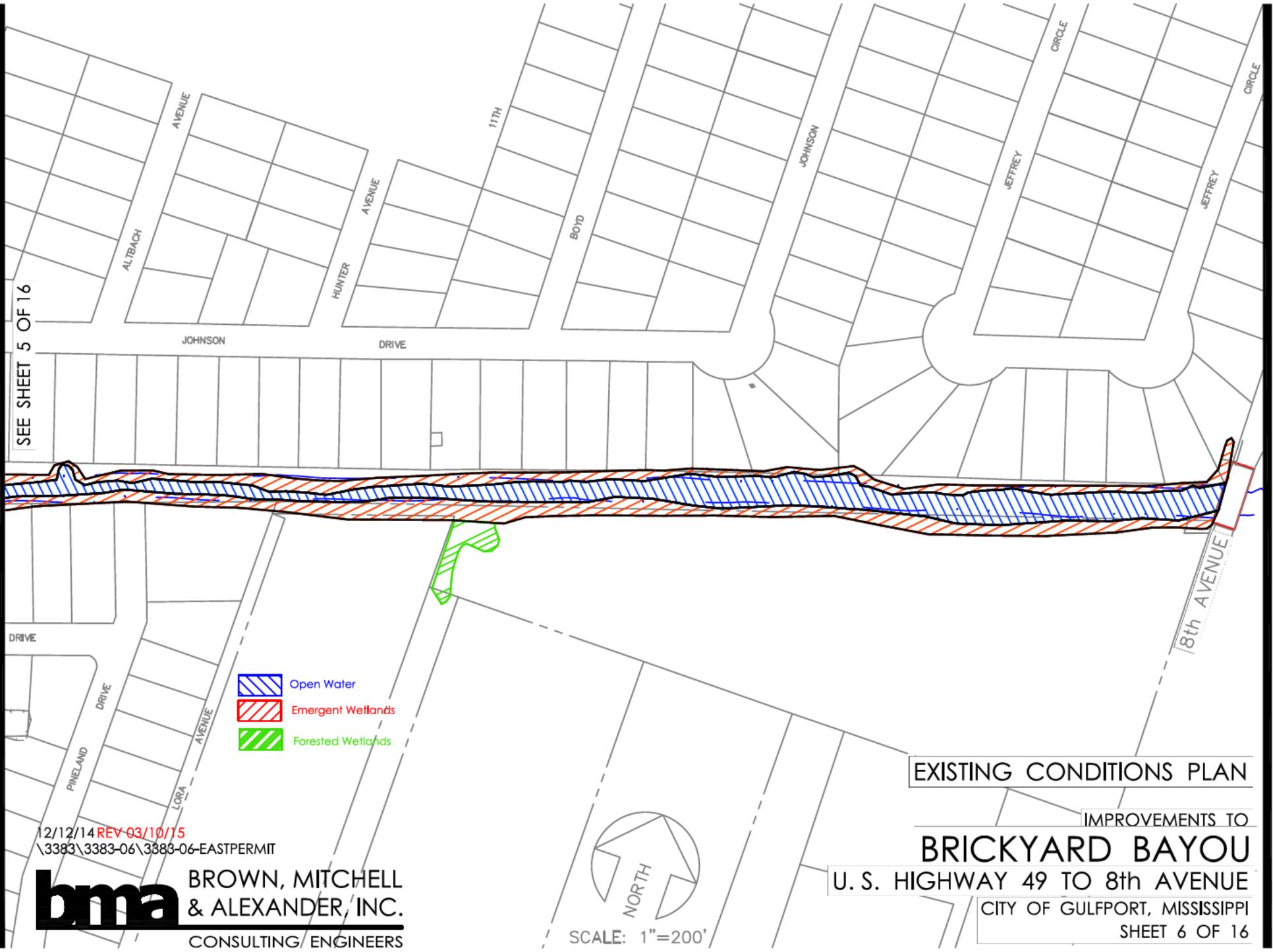
EXISTING CONDITIONS PLAN

IMPROVEMENTS TO
BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE
CITY OF GULFPORT, MISSISSIPPI
SHEET 5 OF 16



SEE SHEET 5 OF 16



-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

EXISTING CONDITIONS PLAN

IMPROVEMENTS TO

BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

SHEET 6 OF 16

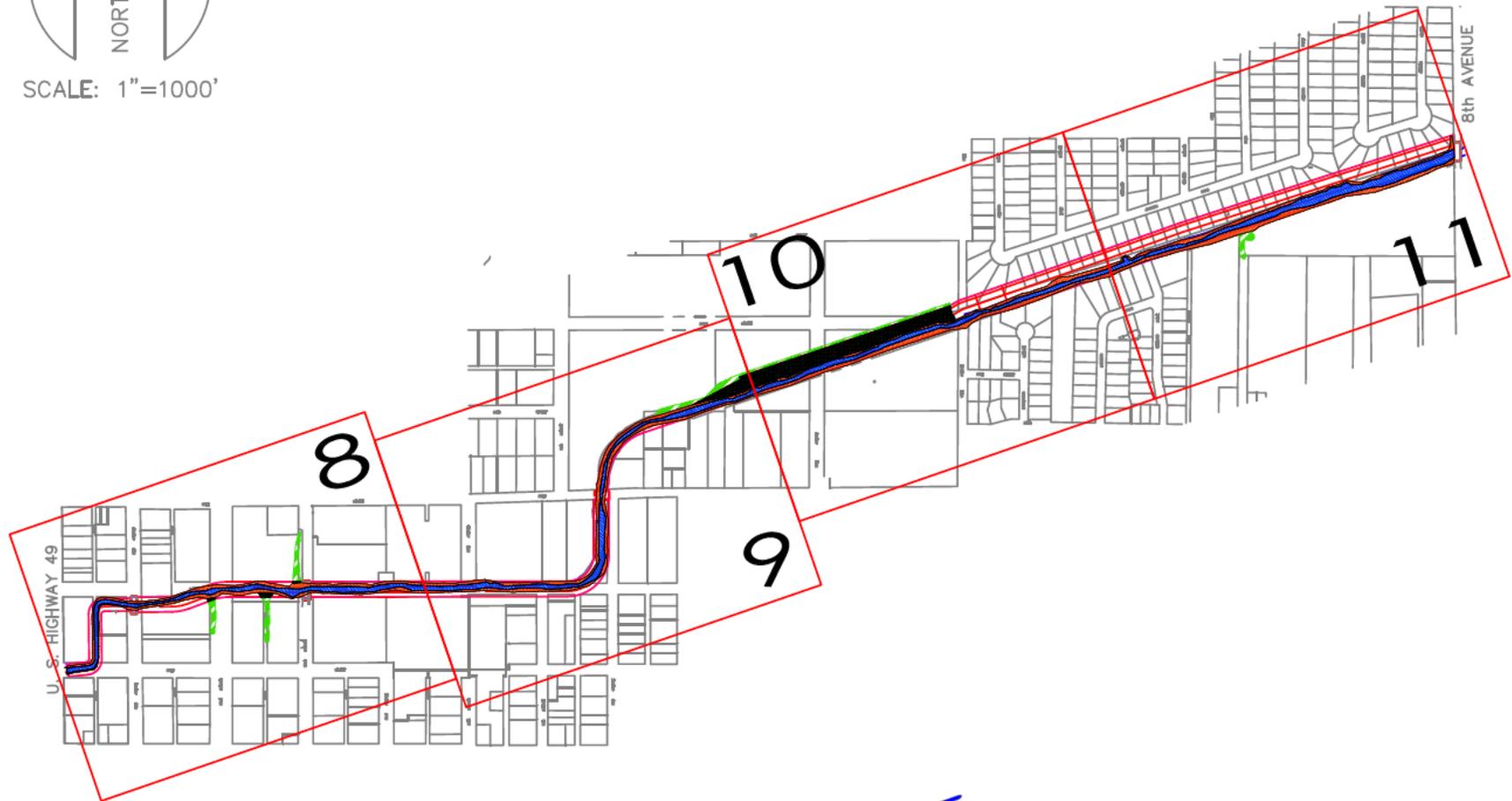
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NORTH
SCALE: 1"=200'



SCALE: 1"=1000'



OVERALL PRELIMINARY CONSTRUCTION PLAN

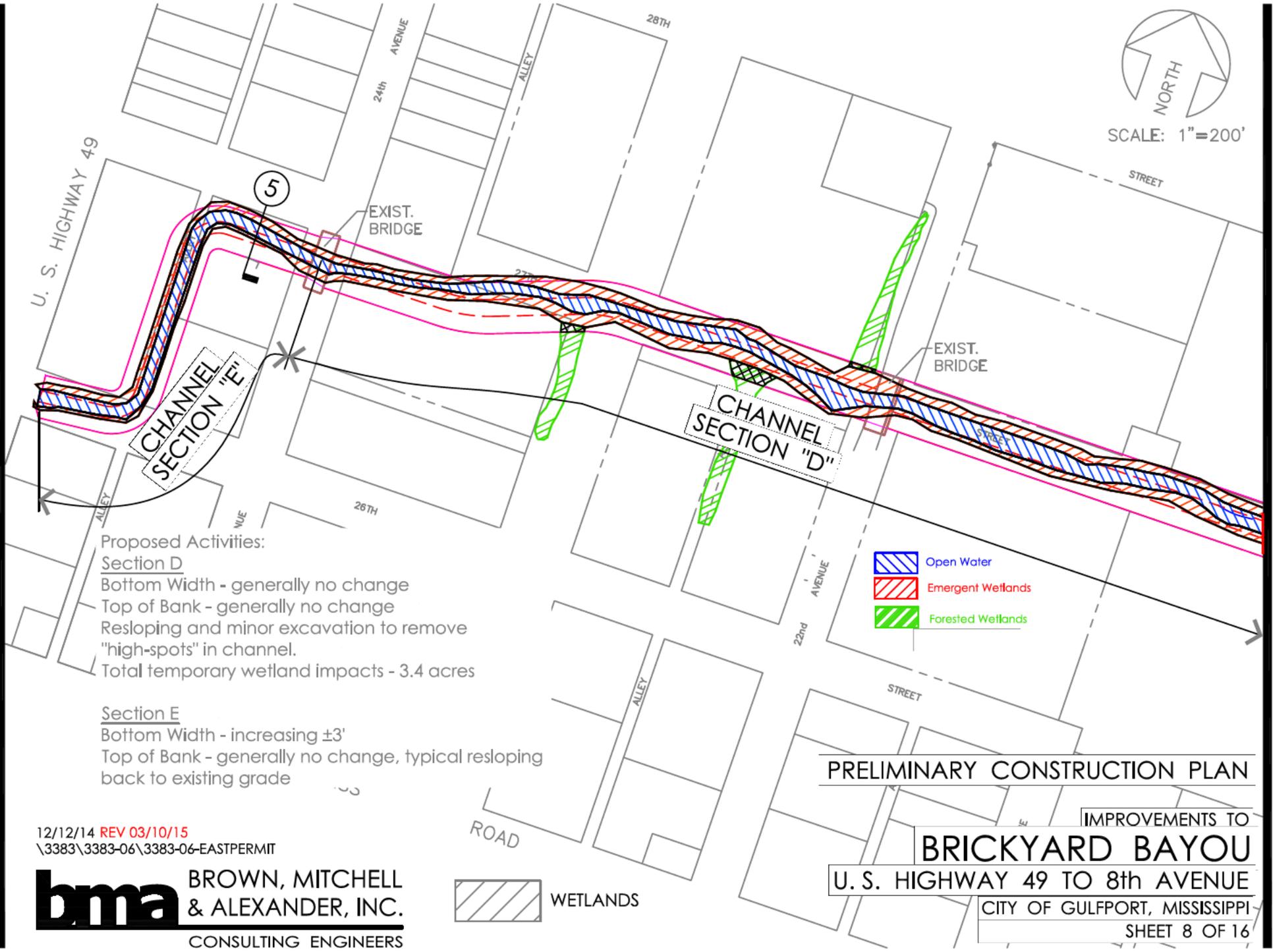
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IMPROVEMENTS TO
BRICKYARD BAYOU
U. S. HIGHWAY 49 TO 8th AVENUE
CITY OF GULFPORT, MISSISSIPPI
SHEET 7 OF 16



SCALE: 1"=200'



Proposed Activities:
Section D
 Bottom Width - generally no change
 Top of Bank - generally no change
 Resloping and minor excavation to remove "high-spots" in channel.
 Total temporary wetland impacts - 3.4 acres

Section E
 Bottom Width - increasing $\pm 3'$
 Top of Bank - generally no change, typical resloping back to existing grade

-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

 WETLANDS

PRELIMINARY CONSTRUCTION PLAN

IMPROVEMENTS TO BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

SHEET 8 OF 16

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SCALE: 1"=200'

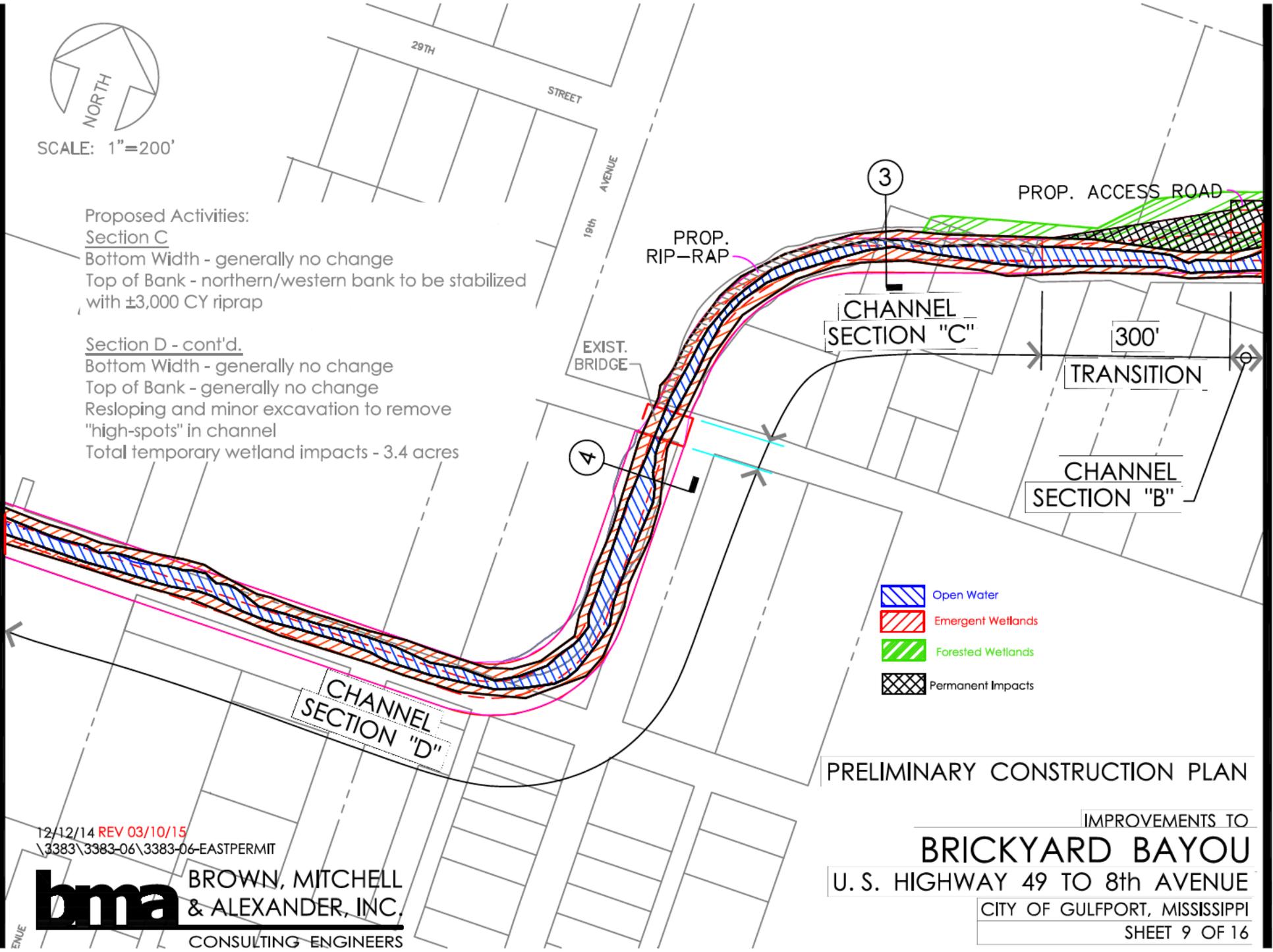
Proposed Activities:

Section C

Bottom Width - generally no change
Top of Bank - northern/western bank to be stabilized with ±3,000 CY riprap

Section D - cont'd.

Bottom Width - generally no change
Top of Bank - generally no change
Resloping and minor excavation to remove "high-spots" in channel
Total temporary wetland impacts - 3.4 acres



-  Open Water
-  Emergent Wetlands
-  Forested Wetlands
-  Permanent Impacts

PRELIMINARY CONSTRUCTION PLAN

IMPROVEMENTS TO
BRICKYARD BAYOU
U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

SHEET 9 OF 16

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SCALE: 1"=200'

150'
TRANSITION

CHANNEL
SECTION "B"

CHANNEL
SECTION "A"

PROP. ACCESS ROAD

Proposed Activities:

Section A

Bottom Width - increasing $\pm 24'$

Top of Bank - southern bank to be resloped, northern bank to be widened $\pm 25'$

Total permanent wetland impacts - 0.3 acres

Section B

Bottom Width - increasing $\pm 24'$

Top of Bank - southern bank to be resloped, northern bank to be widened $\pm 50'$

Total permanent wetland impacts - 1.5 acres

Proposed access road to be constructed along northern bank.

-  Open Water
-  Emergent Wetlands
-  Forested Wetlands
-  Permanent Impacts

PRELIMINARY CONSTRUCTION PLAN

IMPROVEMENTS TO

BRICKYARD BAYOU

U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI

SHEET 10 OF 16

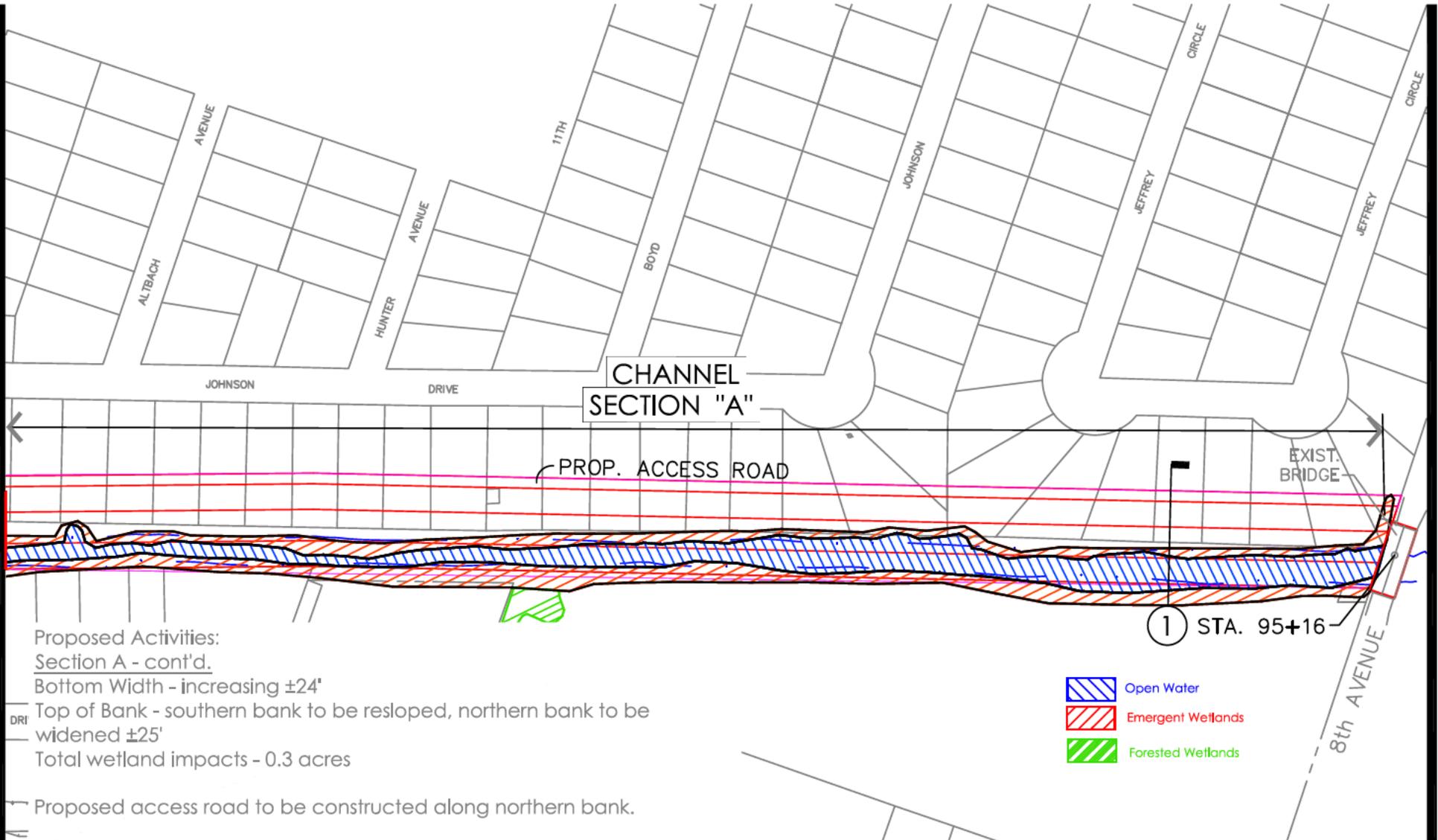
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Proposed Activities:
Section A - cont'd.

Bottom Width - increasing ±24'

Top of Bank - southern bank to be resloped, northern bank to be widened ±25'

Total wetland impacts - 0.3 acres

Proposed access road to be constructed along northern bank.

-  Open Water
-  Emergent Wetlands
-  Forested Wetlands

① STA. 95+16



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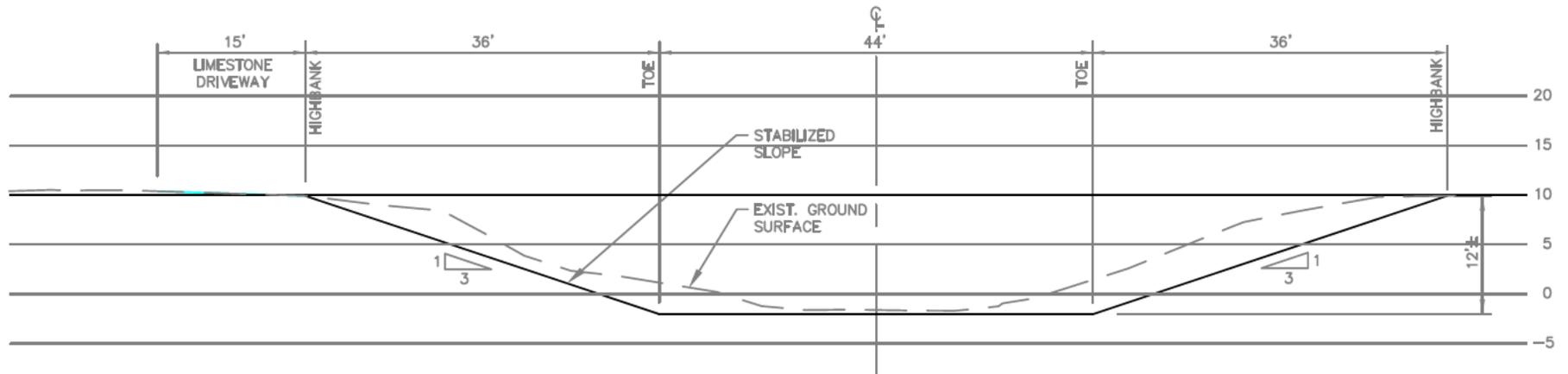


SCALE: 1"=200'

PRELIMINARY CONSTRUCTION PLAN

IMPROVEMENTS TO
BRICKYARD BAYOU
U. S. HIGHWAY 49 TO 8th AVENUE

CITY OF GULFPORT, MISSISSIPPI
SHEET 11 OF 16



NOTE: SECTION LOOKING DOWN STREAM

TYPICAL SECTION "1"

IMPROVEMENTS TO
BRICKYARD BAYOU

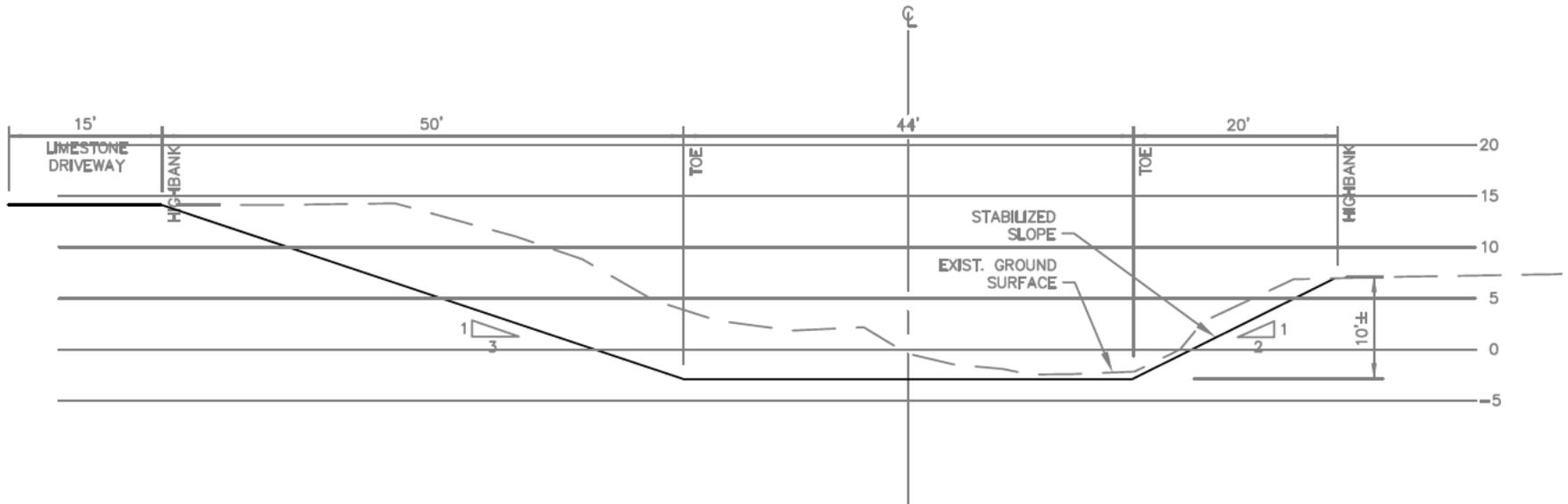
U. S. HIGHWAY 49 TO 8th AVENUE

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NOTE: SECTION LOOKING DOWN STREAM

TYPICAL SECTION "2"

IMPROVEMENTS TO
BRICKYARD BAYOU

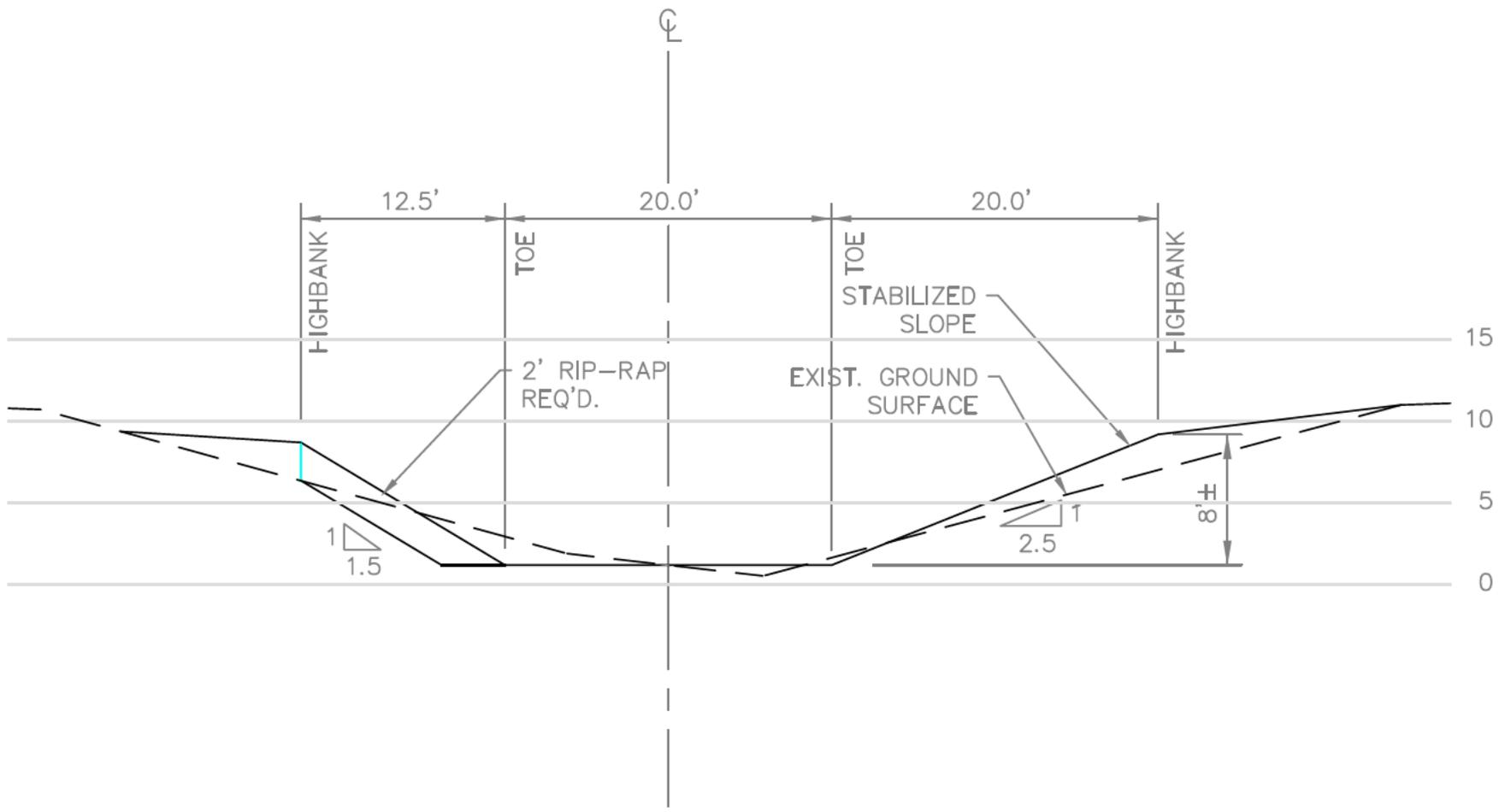
U. S. HIGHWAY 49 TO 8th AVENUE

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NOTE: SECTION LOOKING DOWN STREAM

TYPICAL SECTION "3"

IMPROVEMENTS TO
BRICKYARD BAYOU

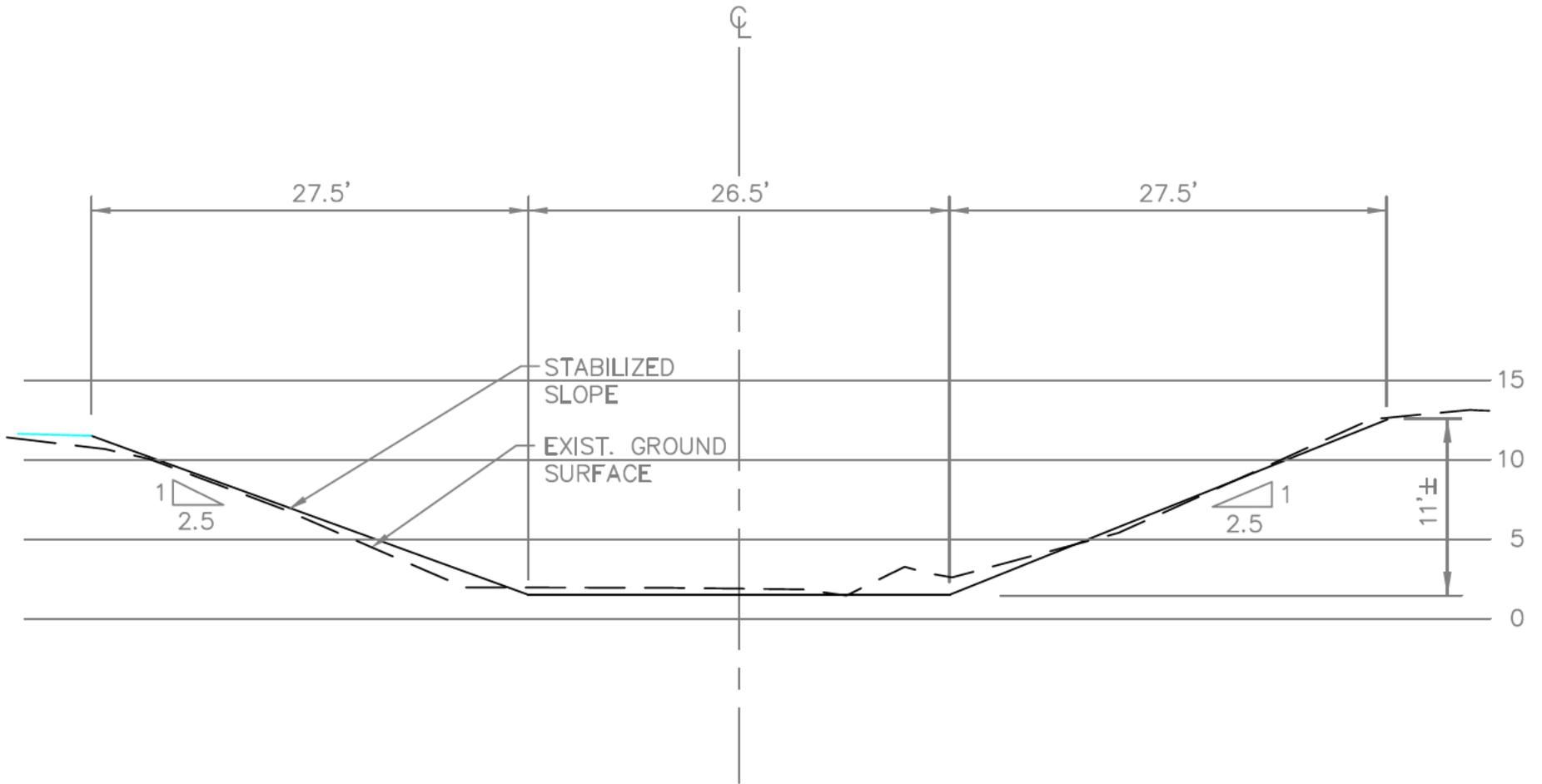
U. S. HIGHWAY 49 TO 8th AVENUE

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NOTE: SECTION LOOKING DOWN STREAM

TYPICAL SECTION "4"

IMPROVEMENTS TO

BRICKYARD BAYOU

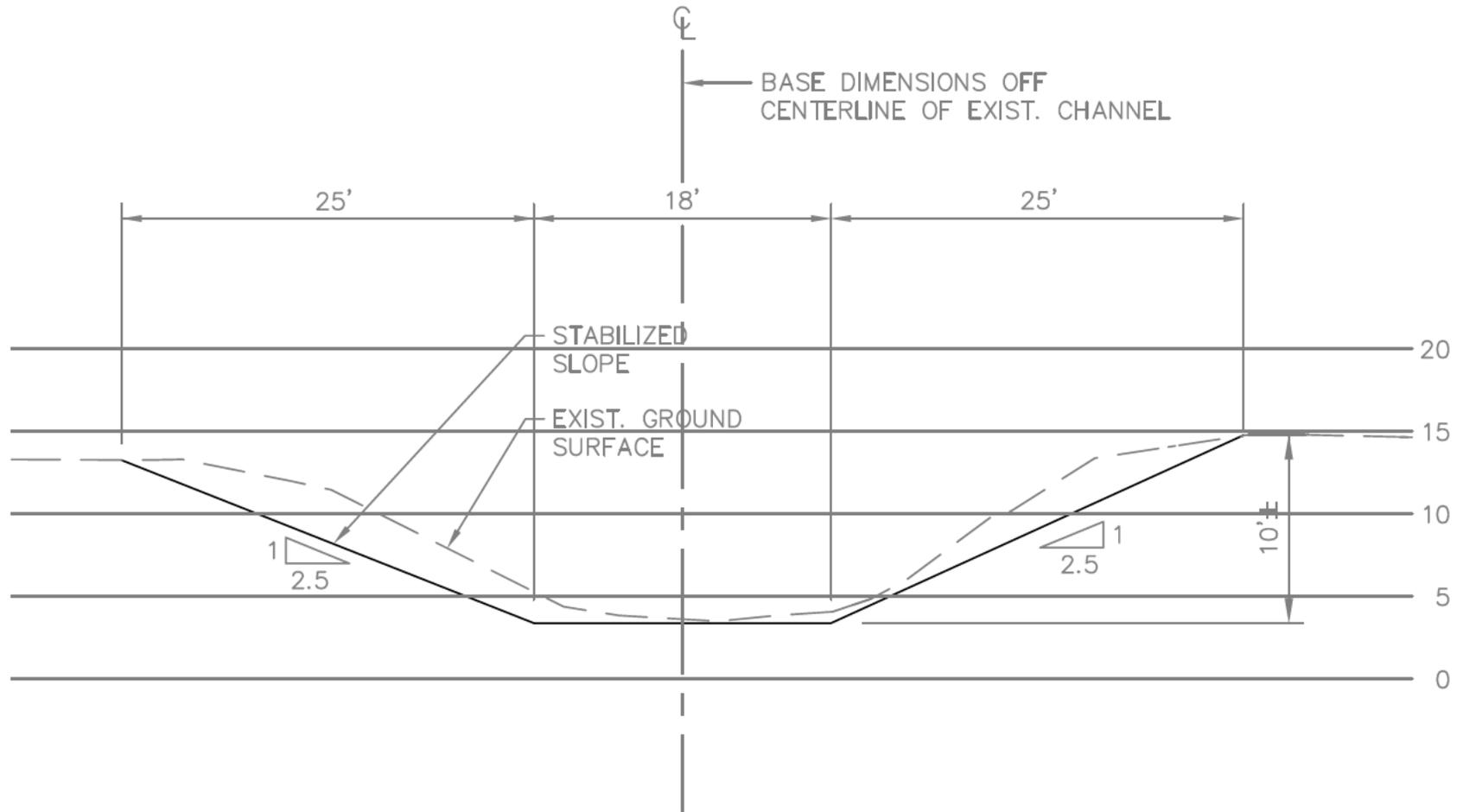
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CITY OF GULFPORT, MISSISSIPPI

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NOTE: SECTION LOOKING DOWN STREAM

TYPICAL SECTION "5"

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IMPROVEMENTS TO
BRICKYARD BAYOU
 U. S. HIGHWAY 49 TO 8th AVENUE
 CITY OF GULFPORT, MISSISSIPPI
 SHEET 16 OF 16