



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

January 20, 2011

Mr. Tom Steffens  
U.S. Army Corps of Engineers  
Regulatory Field Office  
Post Office Box 1000  
Washington, NC 27889-1000

Mr. Stephen Lane  
N. C. Dept. of Env. and Natural Resources  
Division of Coastal Management  
400 Commerce Avenue  
Morehead City, NC 28557

Dear Sirs:

**Subject: Request for Modification to Individual Section 404 and 401 permits, CAMA Major Development Permit, and Tar-Pamlico Riparian Buffer Authorization** for the proposed Washington Bypass. US 17 from North of SR 1509 (Springs Road) to North of SR 1418 (Roberson Road). TIP Number: R-2510C, Federal Aid Project MAF-75-3(26). Debit \$570 from WBS Element No. 34440.1.1.

**References:** R-2510 Section 404 Individual Permit issued January 17, 2006 (USAID 199301143);  
R-2510 Section 401 Water Quality Certification and Tar-Pamlico Riparian Buffer Authorization issued September 6, 2005 (DWQ No.050785);  
R-2510 CAMA Major Development Permit issued March 6, 2007 (CAMA permit No. 29-07);  
R-2510 EEP Mitigation Acceptance Letter dated October 27, 2006.

The purpose of this document is to submit a modification to the final design and revised impact calculations to the Clean Water Act (CWA) Section 404 Individual Permit and Section 401 Water Quality Certification, Tar-Pam Riparian Buffer Authorization, and the CAMA Major Permit. Included in this application package are the following: revised permit drawings and buffer drawings.

### **Sites Impacted**

Due to utility construction at Sites 1A and 4C for wetlands and Site 1 for buffer, there will be an additional 0.08 acre of handclearing. Please replace the permit drawings with those included with this modification request.

Buffers impacted due to this modification are 631 ft<sup>2</sup>: 279 in Zone 1 and 352 in Zone 2. These impacts are allowable.

Due to the type of impacts, no mitigation is being requested from EEP.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS  
1598 MAIL SERVICE CENTER  
RALEIGH NC 27699-1598

TELEPHONE: 919-431-2000  
FAX: 919-431-2002  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**  
4701 ATLANTIC AVENUE  
SUITE 116  
RALEIGH NC 27604

## Regulatory Approvals

Section 404: We are, therefore, requesting the modification of the USACE Individual 404 Permit issued January 17, 2006 (USAID 199301143), for the above-described activities.

Section 401: We are hereby requesting a modification to the 401 Water Quality Certification from the NCDWQ issued September 6, 2005 (DWQ No.050785). In compliance with Section 143-215.3D(e) of the NCAC, we will provide \$570.00 to act as payment for processing the Section 401 permit modification. We are providing five (5) copies of this modification request to the NCDWQ, for their approval.

Tar-Pamlico Riparian Buffer Authorization: We are hereby requesting a modification to the Tar-Pamlico Riparian Buffer Authorization from the NCDWQ issued September 6, 2005 (DWQ No.050785).

CAMA: The NCDOT respectfully requests that the referenced CAMA Major Development Permit be modified to reflect the changes in jurisdictional impacts as outlined in this letter and presented in the attached drawings.

A copy of this modification request will be posted on the NCDOT website at:  
<http://www.ncdot.org/doh/preconstruct/pe/neu/permit.html>

If you have any questions or need additional information, please contact Chris Underwood at 919-431-6662 or [csunderwood@ncdot.gov](mailto:csunderwood@ncdot.gov).

Sincerely,



fw

Gregory J. Thorpe, Ph.D.  
Environmental Management Director, PDEA Branch

### cc list:

#### w/attachments

Mr. Brian Wrenn, NCDWQ (5 copies)  
Ms. Jennifer Derby, USEPA  
Mr. Steve Sollod, NCDCM

#### w/o attachment (see website for attachments)

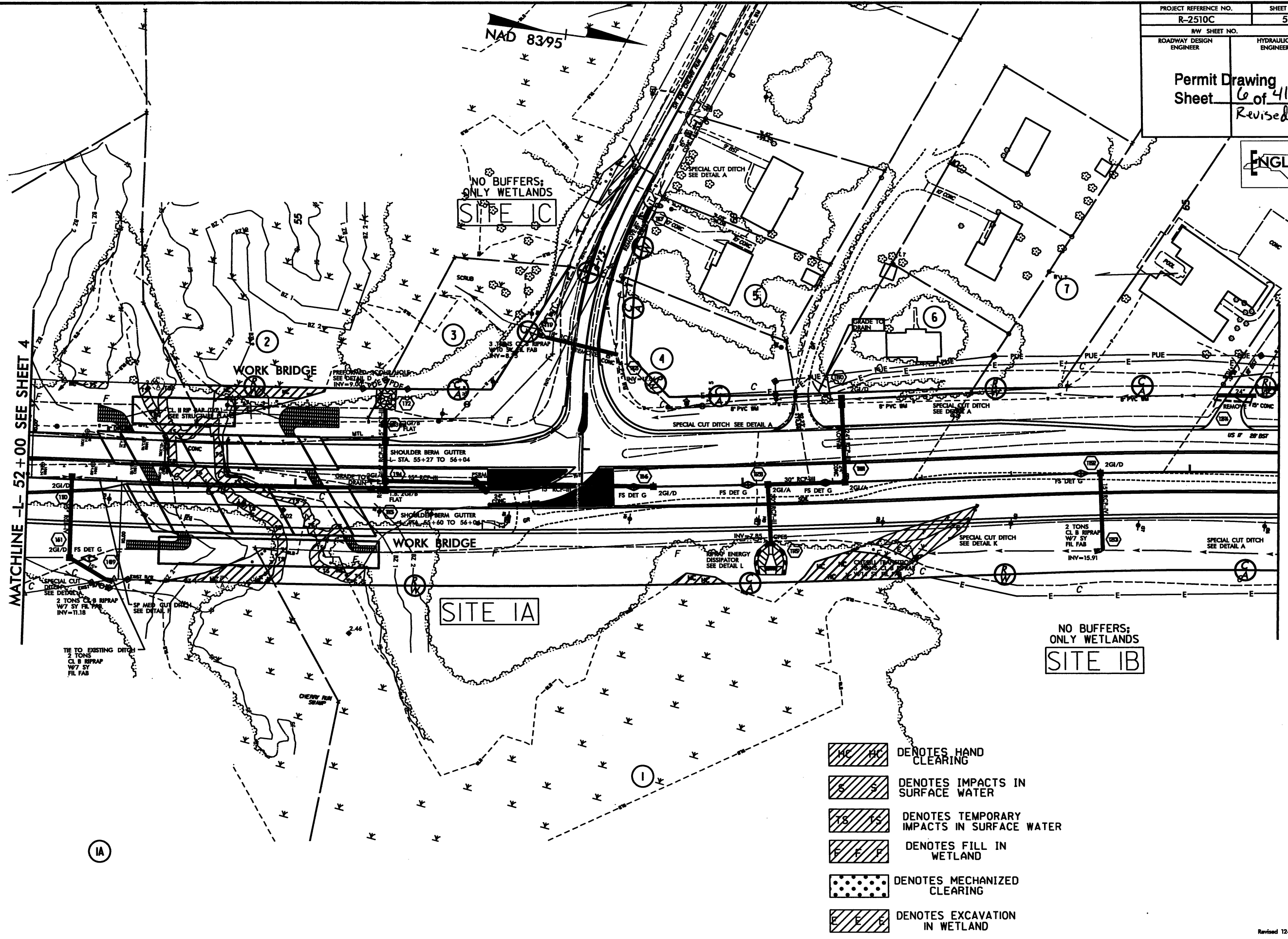
Dr. David Chang, P.E., Hydraulics  
Mr. Greg Perfetti, P.E., Structure Design  
Mr. Victor Barbour, P.E., Project Services  
Mr. Mark Staley, REU  
Mr. Neal Lassiter, P.E. Div. 2  
Mr. Jay Johnson, Div. 2

Mr. Scott McLendon, USACE  
Mr. Gary Jordan, USFWS  
Mr. Travis Wilson, NCWRC  
Mr. Ron Sechler, NMFS  
Ms. Anne Deaton, NCDMF  
Mr. Majed Alghandour, P.E., Programming & TIP  
Mr. Jay Bennett, P.E., Roadway Design  
Mr. Art McMillan, P.E., Highway Design  
Mr. Brian Yamamoto, P.E., PDEA  
Mr. Drew Joyner, P.E., HEU  
Mr. Clarence W. Coleman, P.E., FHWA



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PROJECT REFERENCE NO. R-2510C	SHEET NO. 5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Permit Drawing Sheet 6 of 41 Revised	



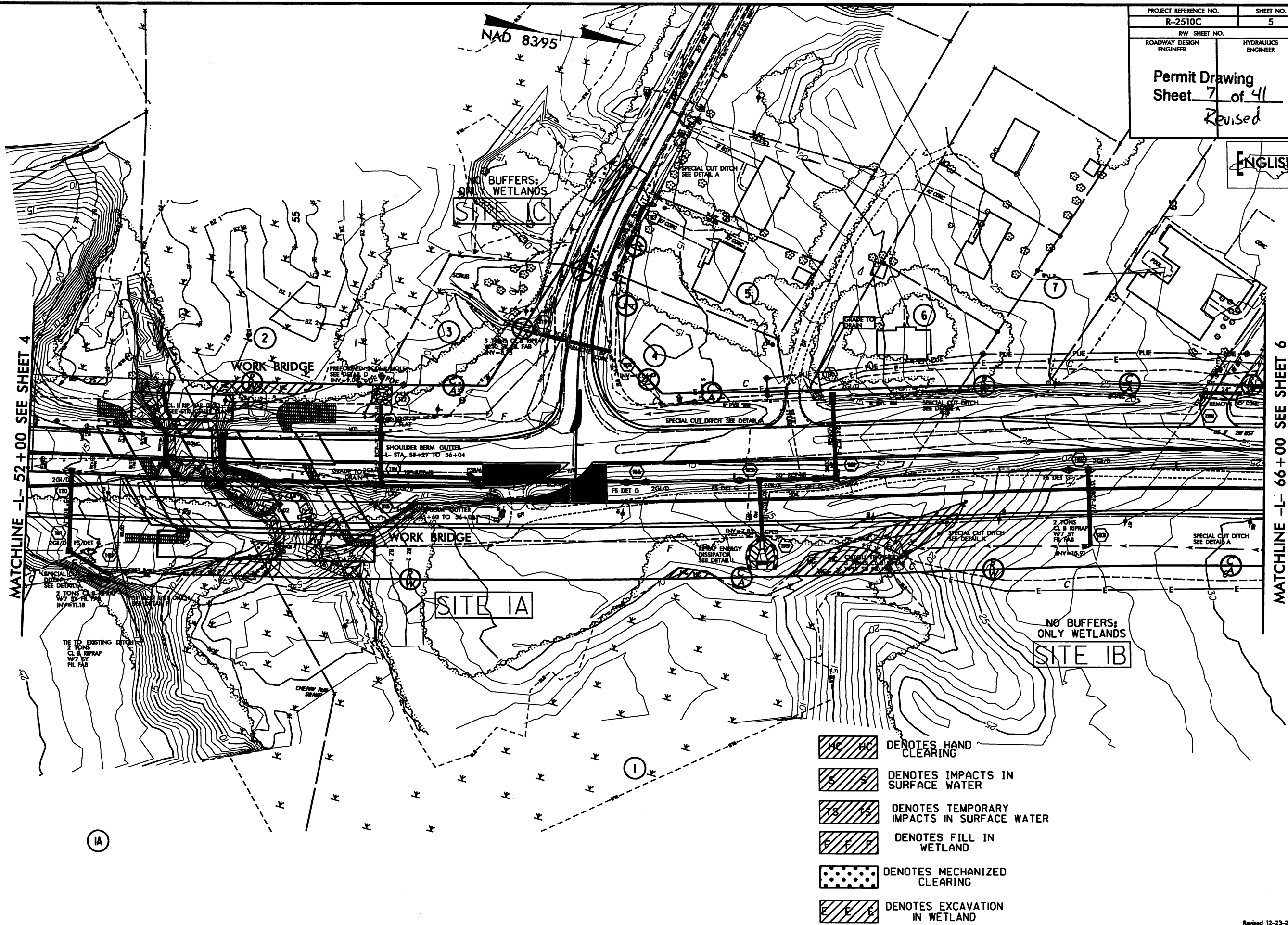
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- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING
- DENOTES EXCAVATION IN WETLAND

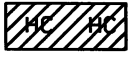





SYSTEMS  
DESIGN  
INCORPORATED

8/17/99

PROJECT REFERENCE NO. R-2510C	SHEET NO. 5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Permit Drawing Sheet <u>7</u> of <u>41</u> Revised	

ENGLISH



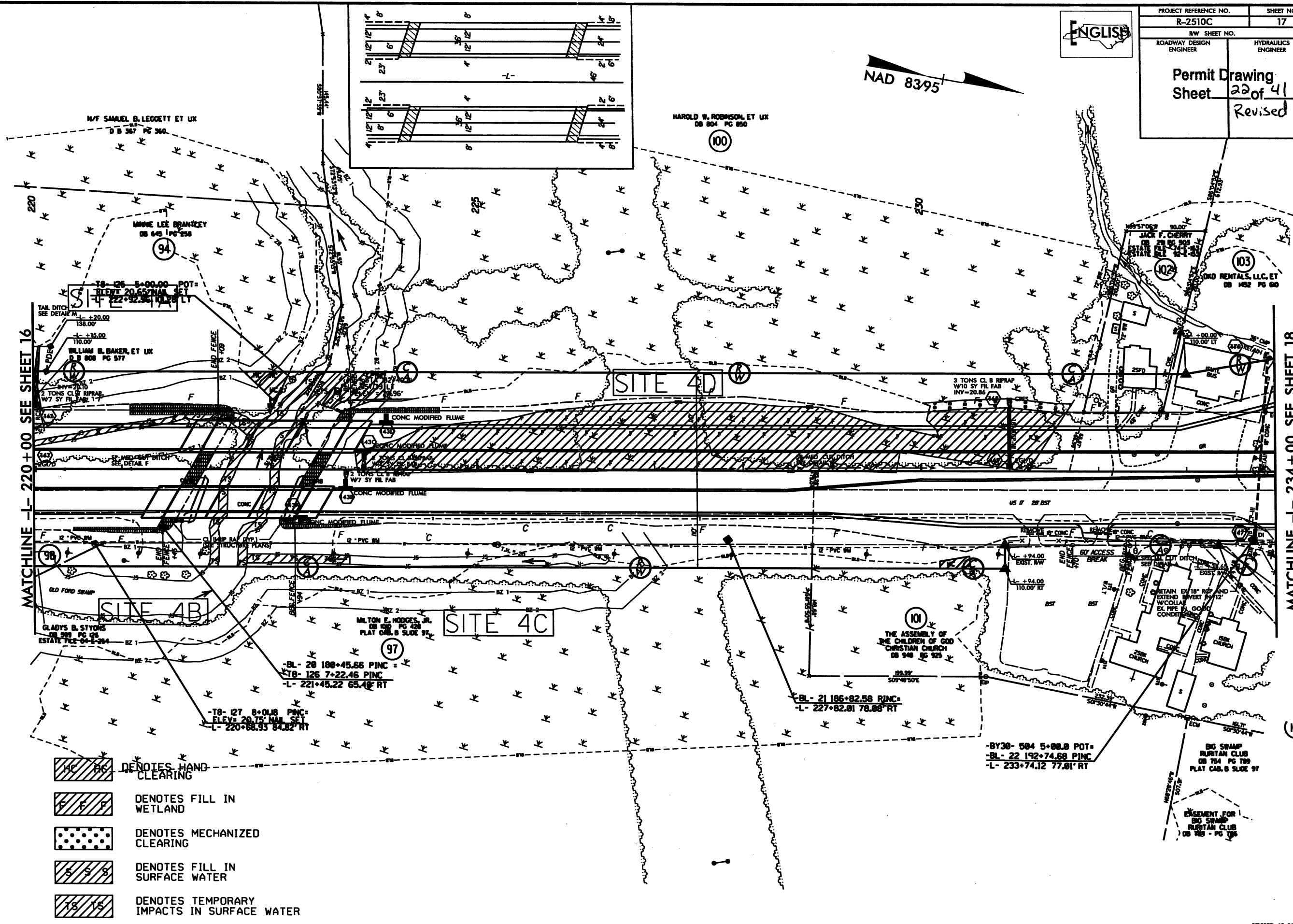
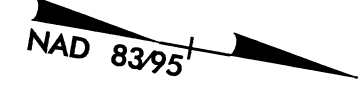
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-  DENOTES IMPACTS IN SURFACE WATER
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-  DENOTES FILL IN WETLAND
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-  DENOTES EXCAVATION IN WETLAND

SYSTEMS DESIGN

8/17/99



PROJECT REFERENCE NO. R-2510C	SHEET NO. 17
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Permit Drawing Sheet 22 of 41 Revised	



MATCHLINE -L- 220+00 SEE SHEET 16

MATCHLINE -L- 234+00 SEE SHEET 18

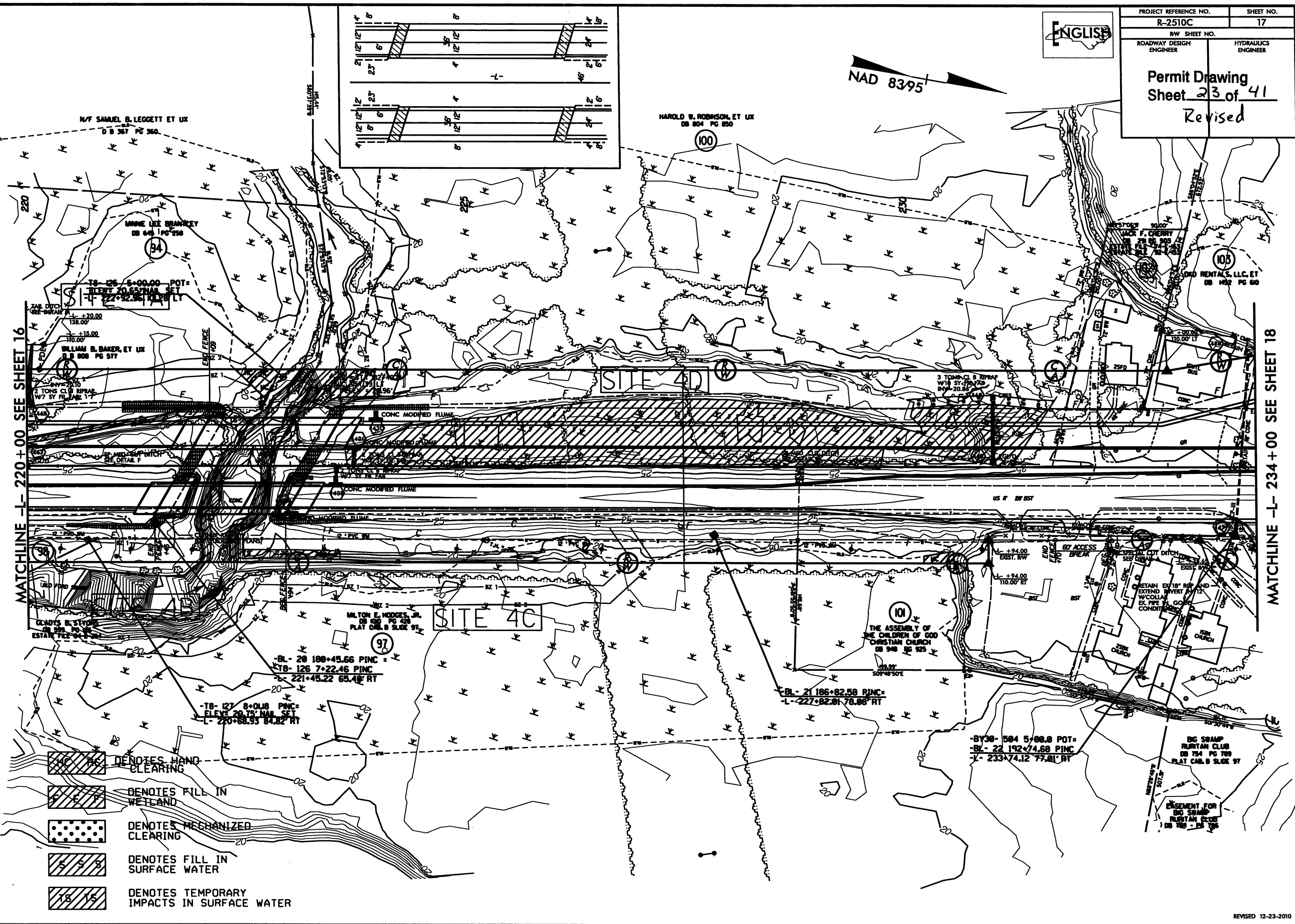
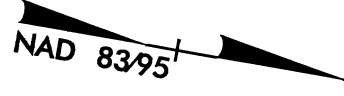
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- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

8/17/99

SYSTEMS  
DRAWN BY  
LISENBERG



PROJECT REFERENCE NO. R-2510C	SHEET NO. 17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Permit Drawing Sheet 23 of 41 Revised	

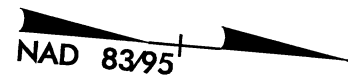


MATCHLINE -L- 220+00 SEE SHEET 16

MATCHLINE -L- 234+00 SEE SHEET 18

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- DENOTES FILL IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

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JOSEPH D. ARNOLD  
DB 1300 - PG 734  
MB 1 - PG 50

ORREN K. LANGLEY, et al  
DB 1077 - PG 507  
DB 893 - PG 713

GOTHA W. WOOLARD ESTATE  
(C/O DEBORAH WOOLARD MITCHELL)  
DB 127 - PG 863  
DB 893 - PG 713  
ESTATE FILE 05-E325

WILLIAM F. SHEPPARD, INC.  
DB 139 - PG 745  
DB 893 - PG 713  
5677-42-5578

R250 B -BL- POT 57 5+00.00 =  
-L- 46+59.28 56.8' LT

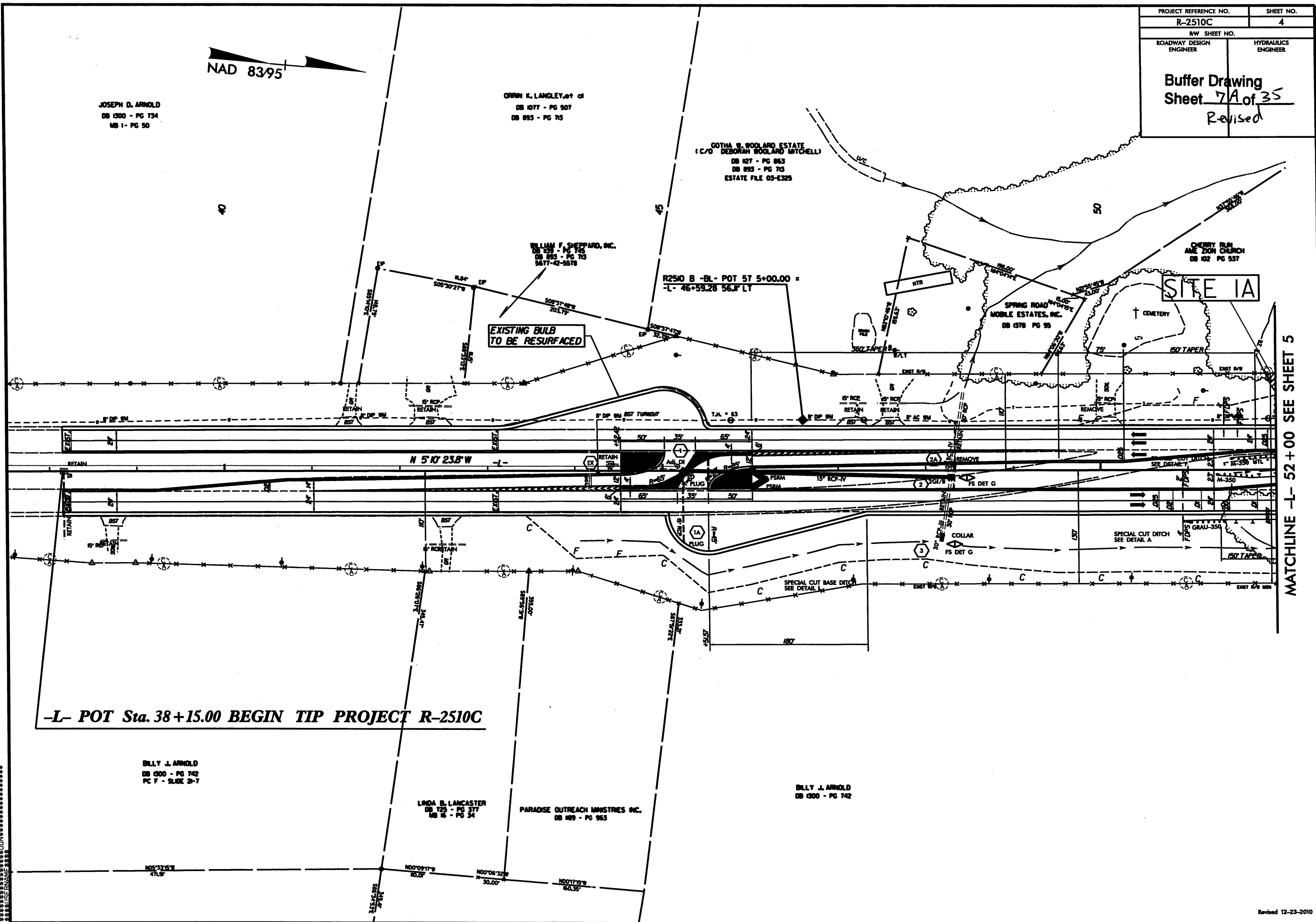
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R-2510C	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Buffer Drawing Sheet <u>7A</u> of <u>35</u> Revised	

CHERRY RUN  
AME ZION CHURCH  
DB 102 PG 537

SPRING ROAD  
MOBLE ESTATES, INC.  
DB 1378 PG 99

**SITE 1A**

EXISTING BULB  
TO BE RESURFACED



**-L- POT Sta. 38+15.00 BEGIN TIP PROJECT R-2510C**

BILLY J. ARNOLD  
DB 1300 - PG 742  
PC F - SLIDE 2-7

LINDA B. LANCASTER  
DB 125 - PG 377  
MB 16 - PG 34

PARADISE OUTREACH MINISTRIES INC.  
DB 109 - PG 963

BILLY J. ARNOLD  
DB 1300 - PG 742

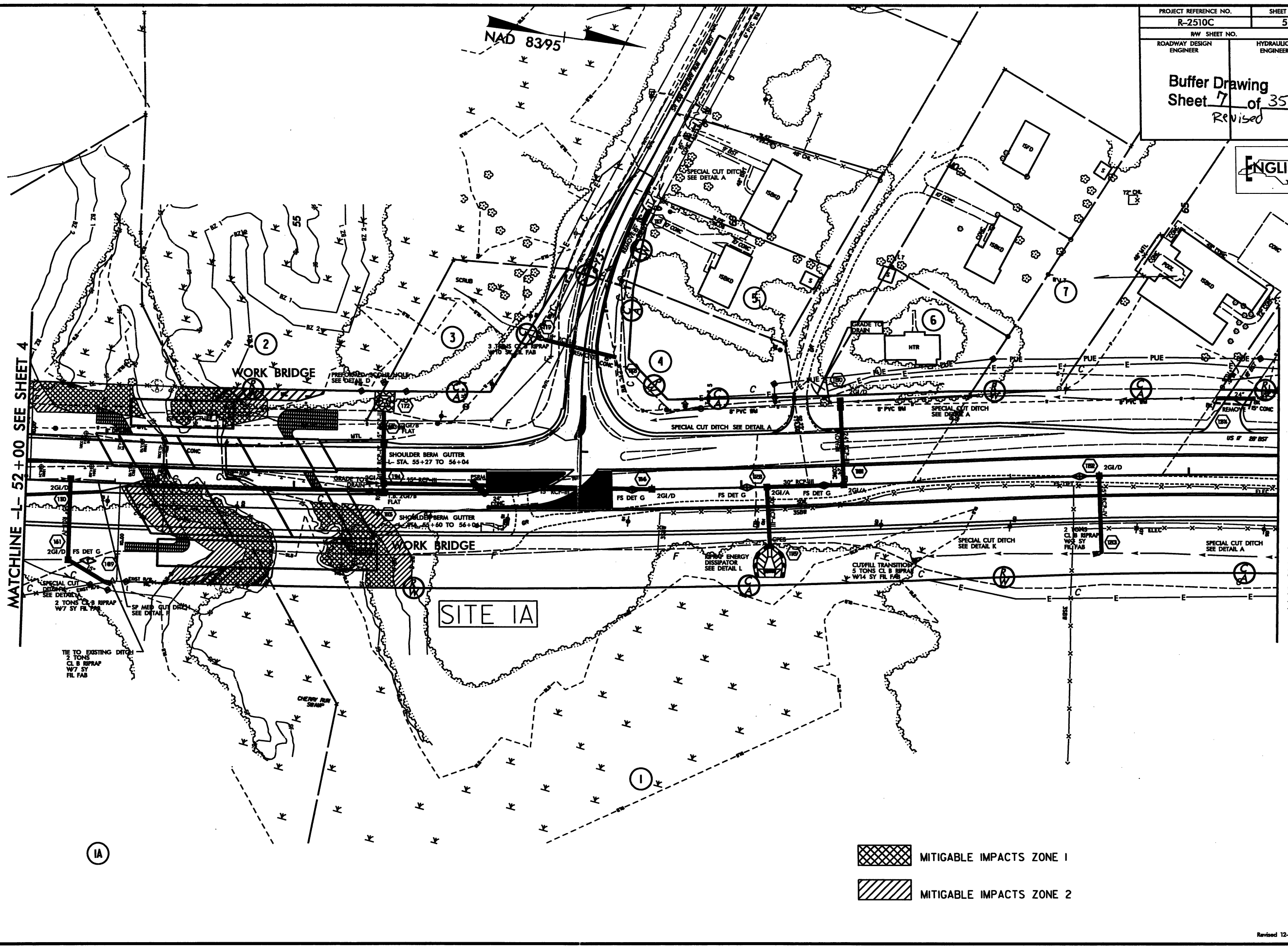
MATCHLINE -L- 52+00 SEE SHEET 5

\*\*\*\*\*SYTIME\*\*\*\*\*  
\*\*\*\*\*DGN\*\*\*\*\*  
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8/17/99

PROJECT REFERENCE NO. R-2510C	SHEET NO. 5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Buffer Drawing Sheet 7 of 35 Revised	



MATCHLINE -L- 52+00 SEE SHEET 4

MATCHLINE -L- 66+00 SEE SHEET 6

NAD 8395

IA

- MITIGABLE IMPACTS ZONE 1
- MITIGABLE IMPACTS ZONE 2

\*\*\*\*\*SYSTEMS\*\*\*\*\*  
 \*\*\*\*\*DESIGN\*\*\*\*\*  
 \*\*\*\*\*ENGINEERING\*\*\*\*\*

