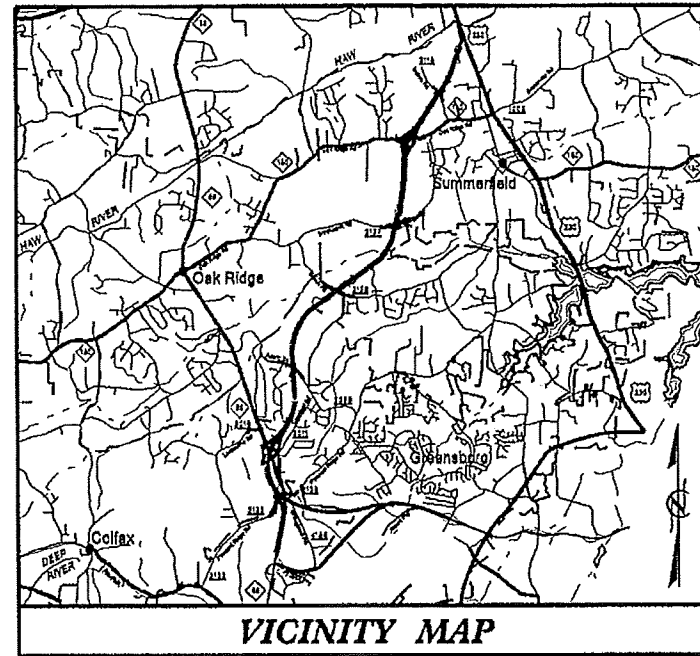


02/08/14

TIP PROJECT: R-2413A

CONTRACT:

See Sheet 1-A For Index of Sheets



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

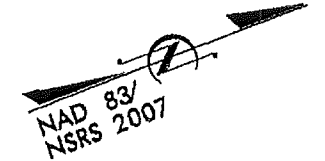
GUILFORD COUNTY

LOCATION: NC 68 CONNECTOR - FROM FOUR LANES AT SR 2011
(EDGEFIELD ROAD) TO SR 2127 (BROOKBANK ROAD)

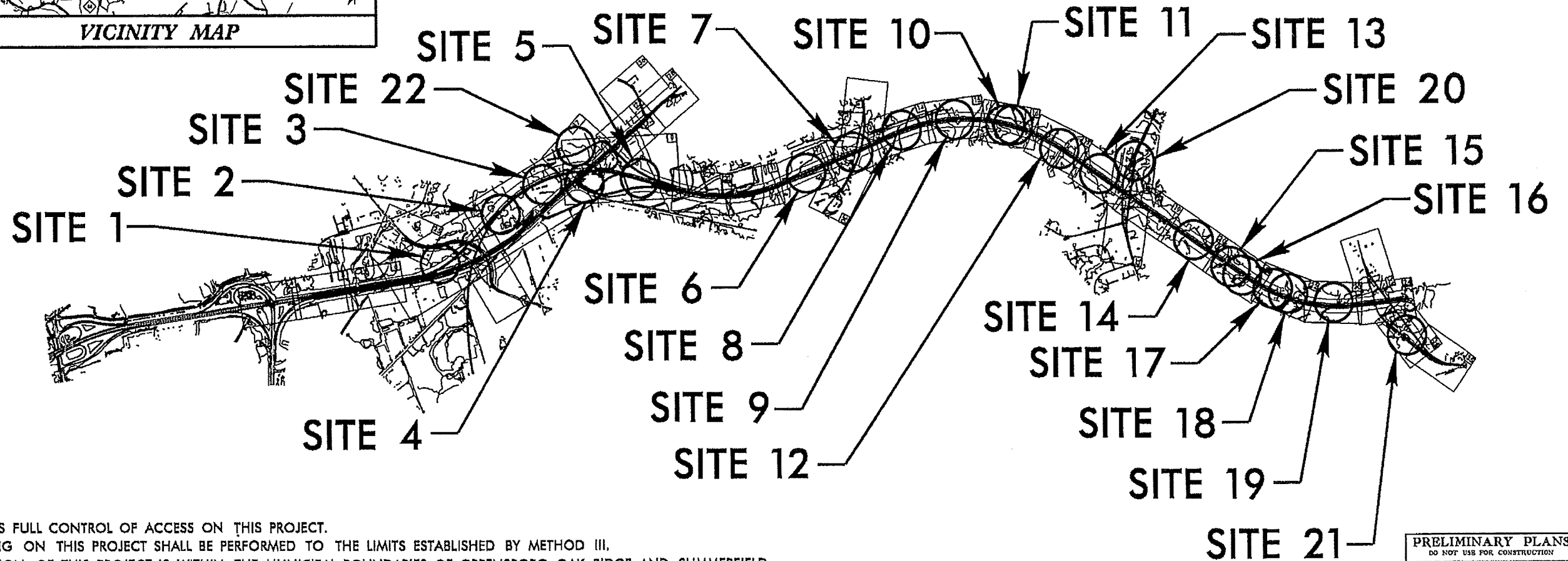
TYPE OF WORK: GRADING, PAVING, WIDENING, RESURFACING,
DRAINAGE, STRUCTURES, SIGNING, SIGNALS, AND ITS

Permit Drawing
Sheet 1 of 81

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2413A	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
34429.1.1		PE	
34429.2.2		RW, UTIL	

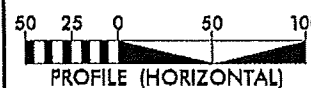
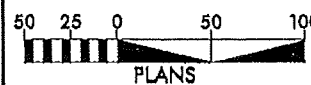


WETLAND & STREAM IMPACTS



THERE IS FULL CONTROL OF ACCESS ON THIS PROJECT.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.
A PORTION OF THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF GREENSBORO, OAK RIDGE, AND SUMMERFIELD.

GRAPHIC SCALES



DESIGN DATA

ADT 2012 = 23,000
ADT 2035 = 40,800
DHV = 11 %
D = 70 %
T = 15 % *
V = 70 MPH
* TTST 10% DUAL 5%
FUNC CLASS - INTERSTATE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2413A = 4.803 MILES
LENGTH STRUCTURE TIP PROJECT R-2413A = 0.150 MILES
TOTAL LENGTH TIP PROJECT R-2413A = 4.953 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 18, 2011

LETTING DATE:
APRIL 15, 2014

TONY HOUSER, PE
PROJECT ENGINEER

VACANT
PROJECT DESIGN ENGINEER

HYDRAULICS
ENGINEER

ROADWAY DESIGN
ENGINEER

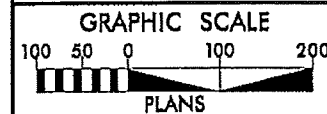
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



STATE HIGHWAY DESIGN ENGINEER

RAW REVISION: PROPERTY OWNER NAME AND DEED BOOK
INFORMATION HAVE BEEN CORRECTED ON PARCELS 5 AND 6.
TBR 5-31-12

RAW REVISION: PROPERTY OWNER NAME AND DEED BOOK
INFORMATION HAS BEEN CHANGED ON PARCEL 1, CEH 2/27/13.

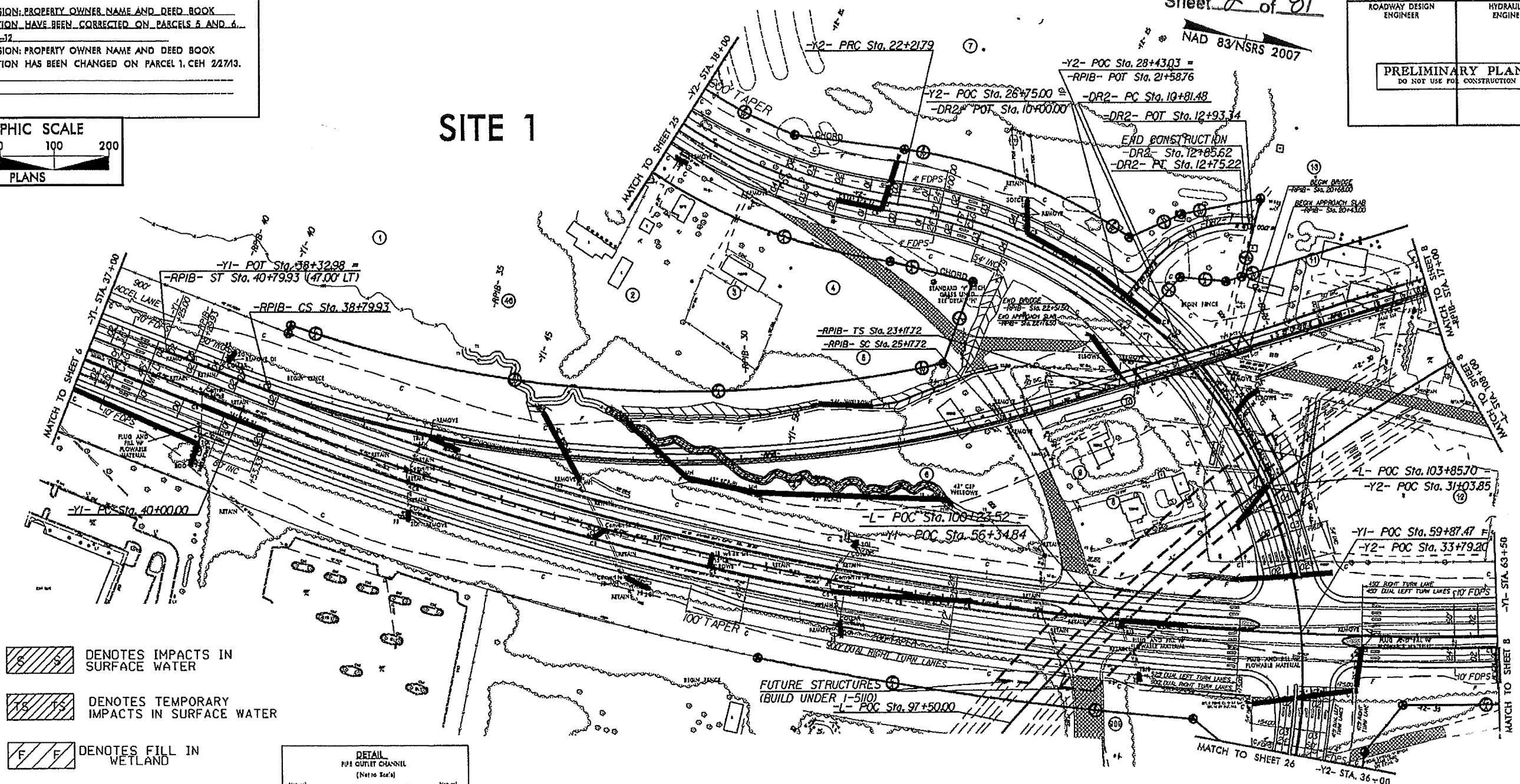


SITE 1

Permit Drawing
Sheet 2 of 81

NAD 83/NSRS 2007

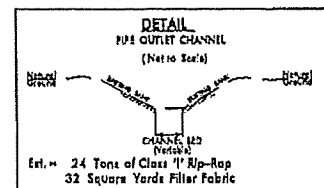
PROJECT REFERENCE NO.	SHEET NO.
R-24J3A	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



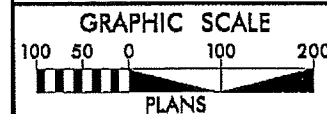
 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

 DENOTES FILL IN WETLAND



R/W REVISION: PROPERTY OWNER NAME AND DEED BOOK
INFORMATION HAVE BEEN CORRECTED ON PARCELS 5 AND 6.
TBR 5-31-12
R/W REVISION: PROPERTY OWNER NAME AND DEED BOOK
INFORMATION HAS BEEN CHANGED ON PARCEL 1. CEH 2/27/13.



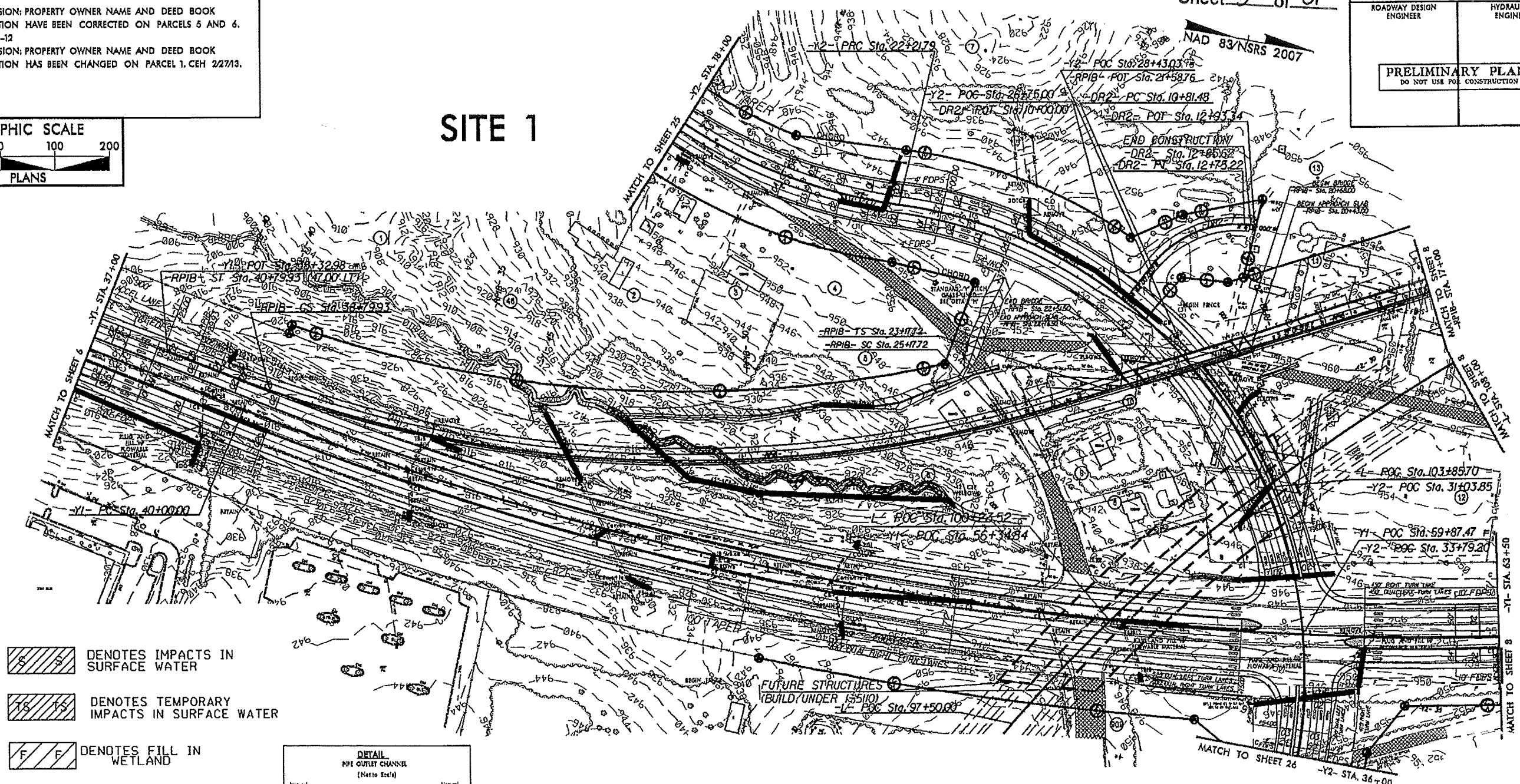
SITE 1

Permit Drawing
Sheet 3 of 81

PROJECT REFERENCE NO.	SHEET NO.
R-2413A	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PRELIMINARY PLANS

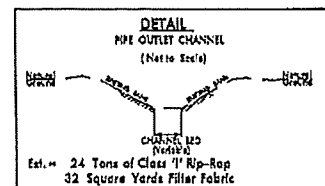
DO NOT USE FOR CONSTRUCTION



 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

 DENOTES FILL IN WETLAND



 DENOTES IMPACTS IN SURFACE WATER

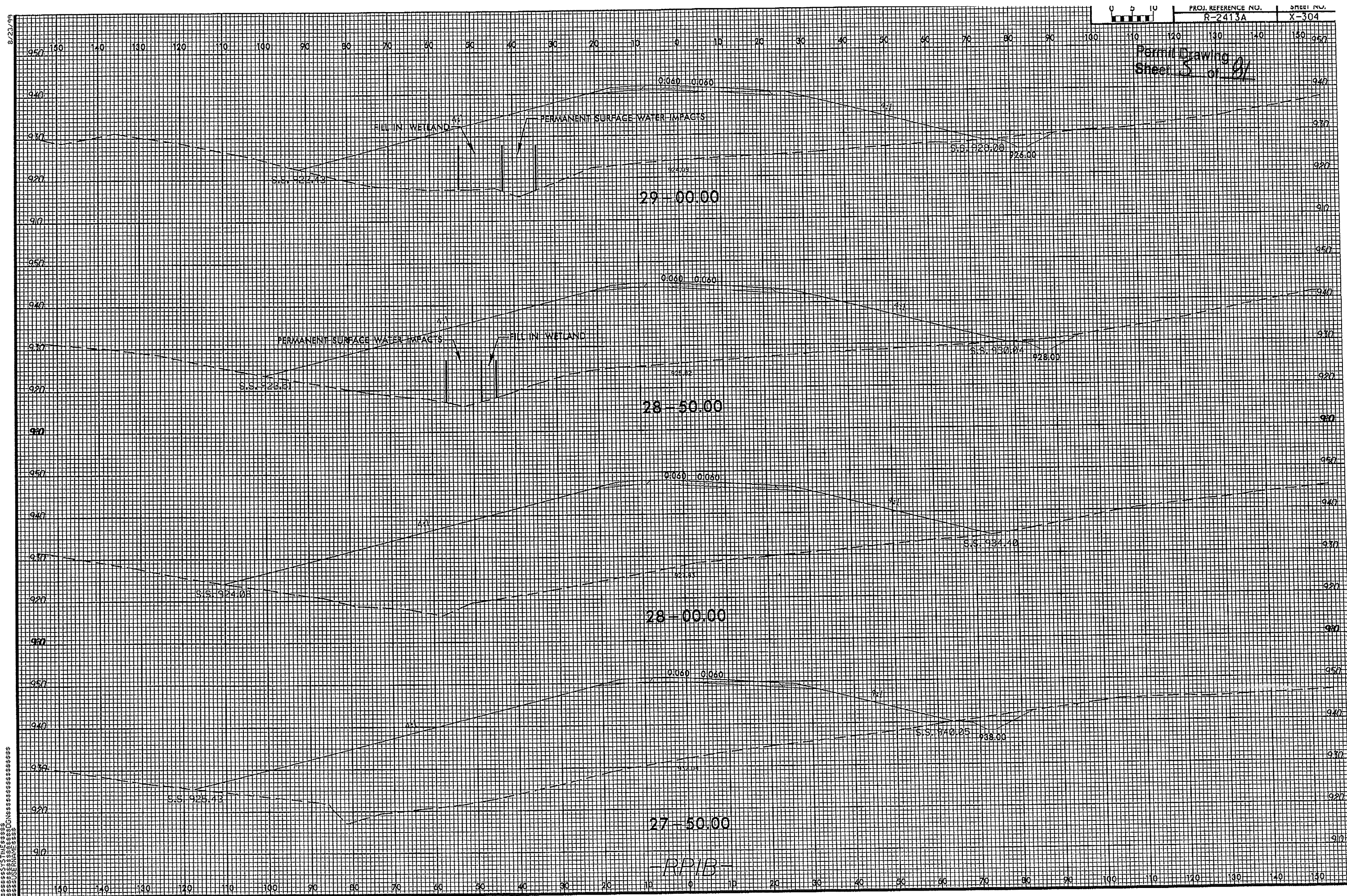
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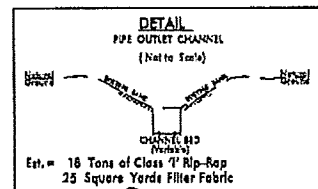
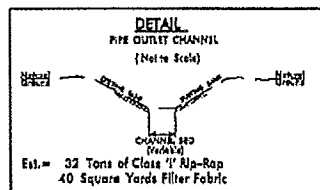
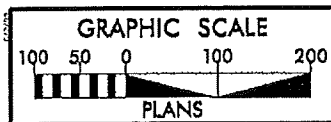
 DENOTES FILL IN WETLAND

NAD 83/NSRS 2007



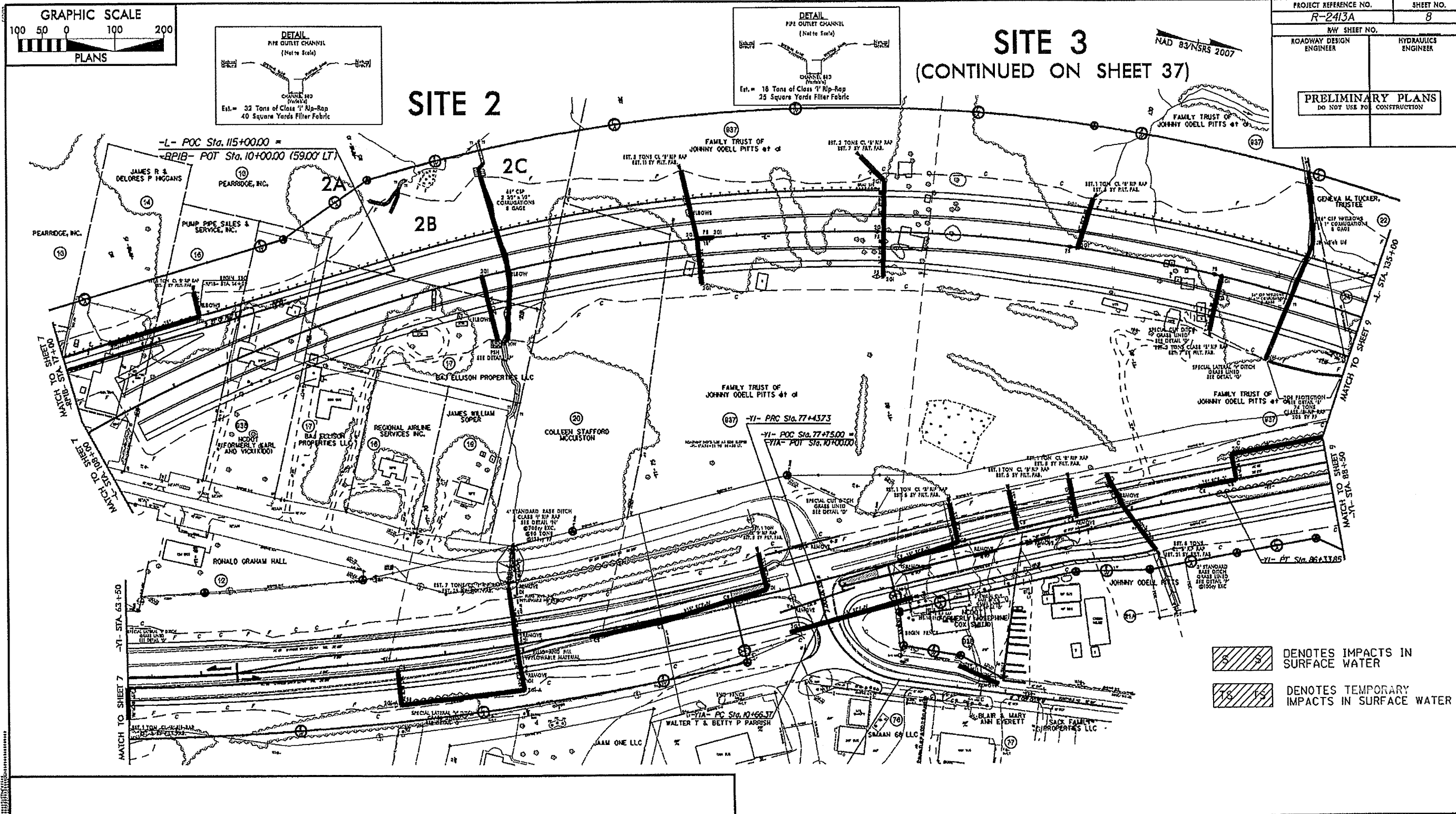
THE UNIVERSITY OF CHICAGO

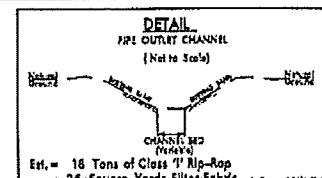
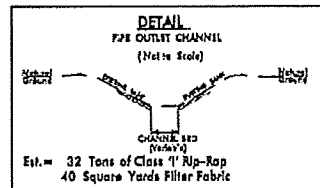
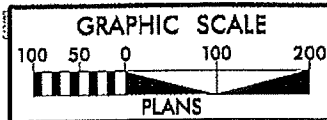




SITE 3
(CONTINUED ON SHEET 37)

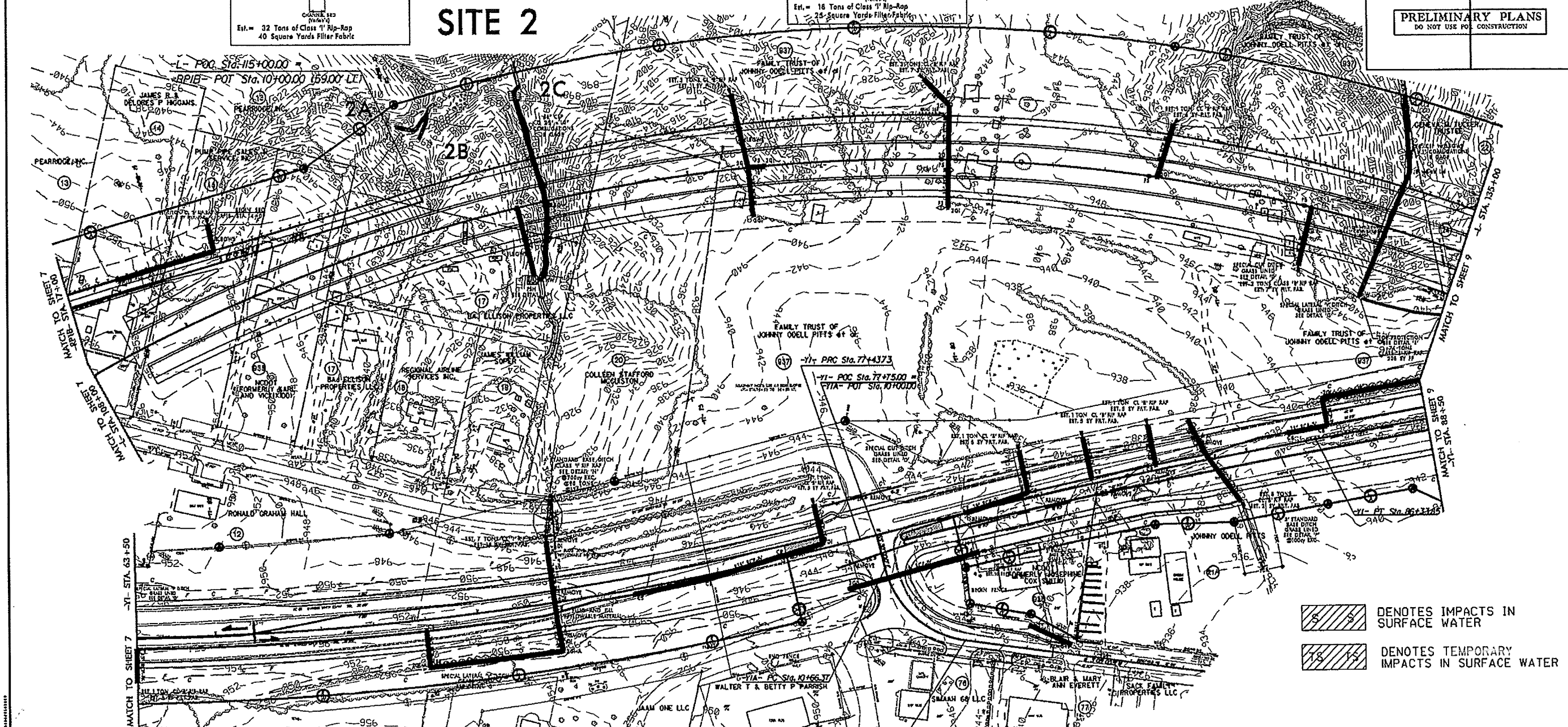
PROJECT REFERENCE NO.	SHEET NO.
R-2413A	8
BY SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	





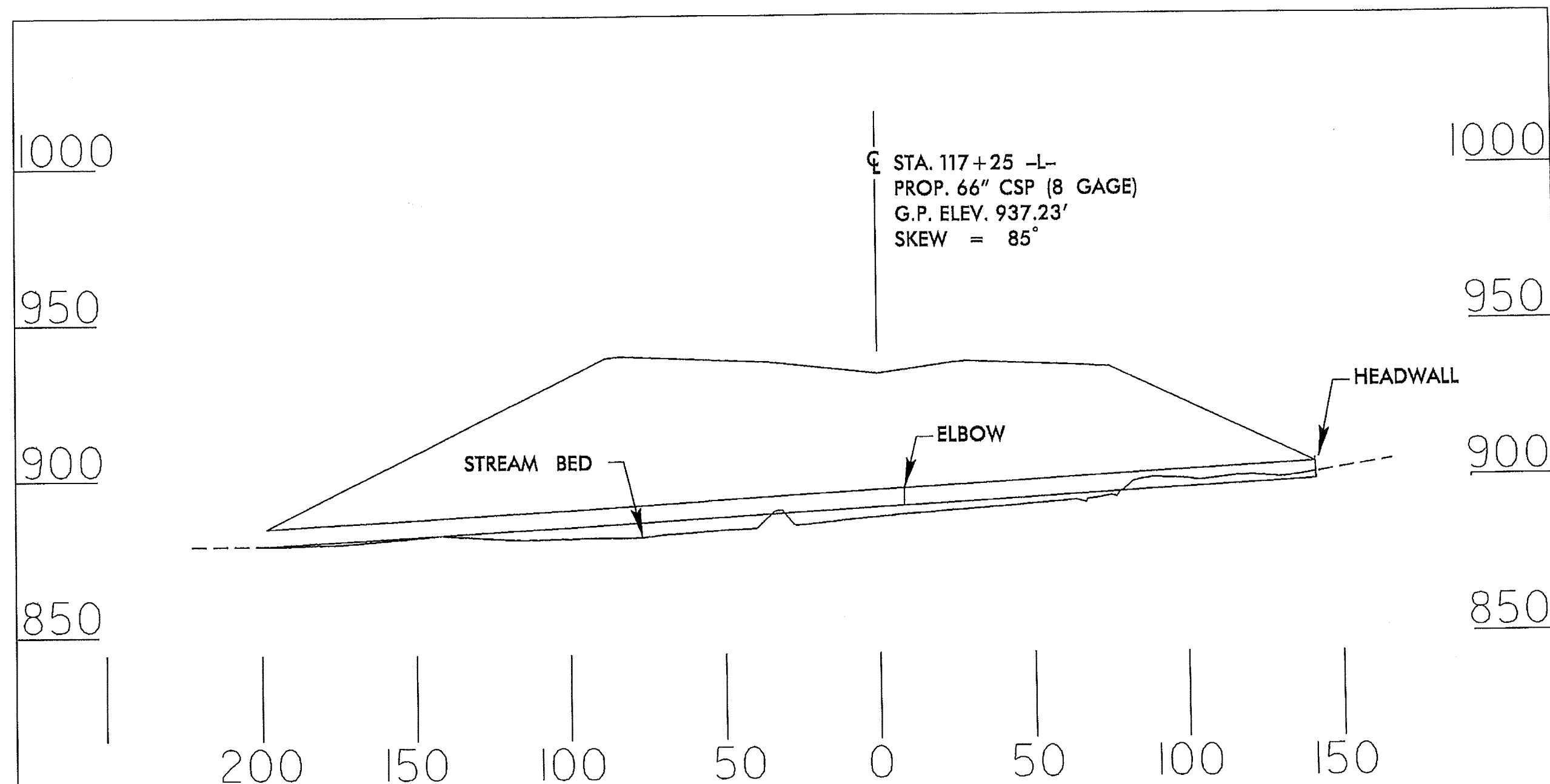
SITE 3
(CONTINUED ON SHEET 37)

PROJECT REFERENCE NO.	SHEET NO.
R-2413A	8
RAW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PROFILE

NCDOT
DIVISION OF HIGHWAYS
GUILFORD COUNTY
PROJECT: 34429.1.1 (R-2413A)
NC 68 CONNECTOR
FROM FOUR LANES AT
SR 2011 TO SR 2127

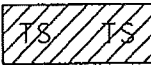
8/17/99

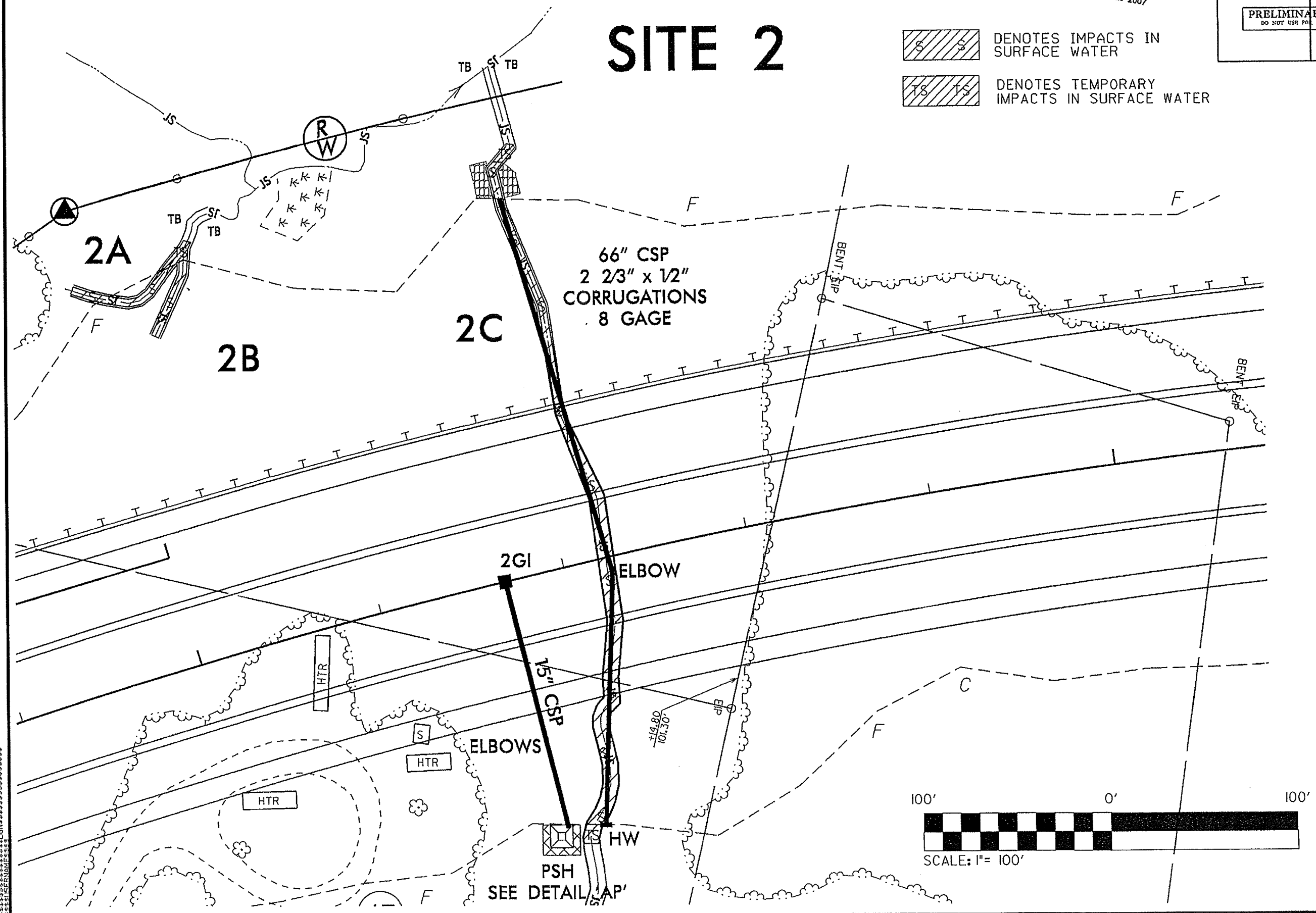
Permit Drawing
Sheet 9 of 81

NAD 83/NSRS 2007

PROJECT REFERENCE NO. R-2413A	SHEET NO. 8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

SITE 2

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



8/17/99

REVISIONS

*****SYTIME*****
*****CON*****

Permit Drawing
Sheet 10 of 81

NAD 83/NSRS 2007

PROJECT REFERENCE NO. R-2413A	SHEET NO. 8 & 37
R/W SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

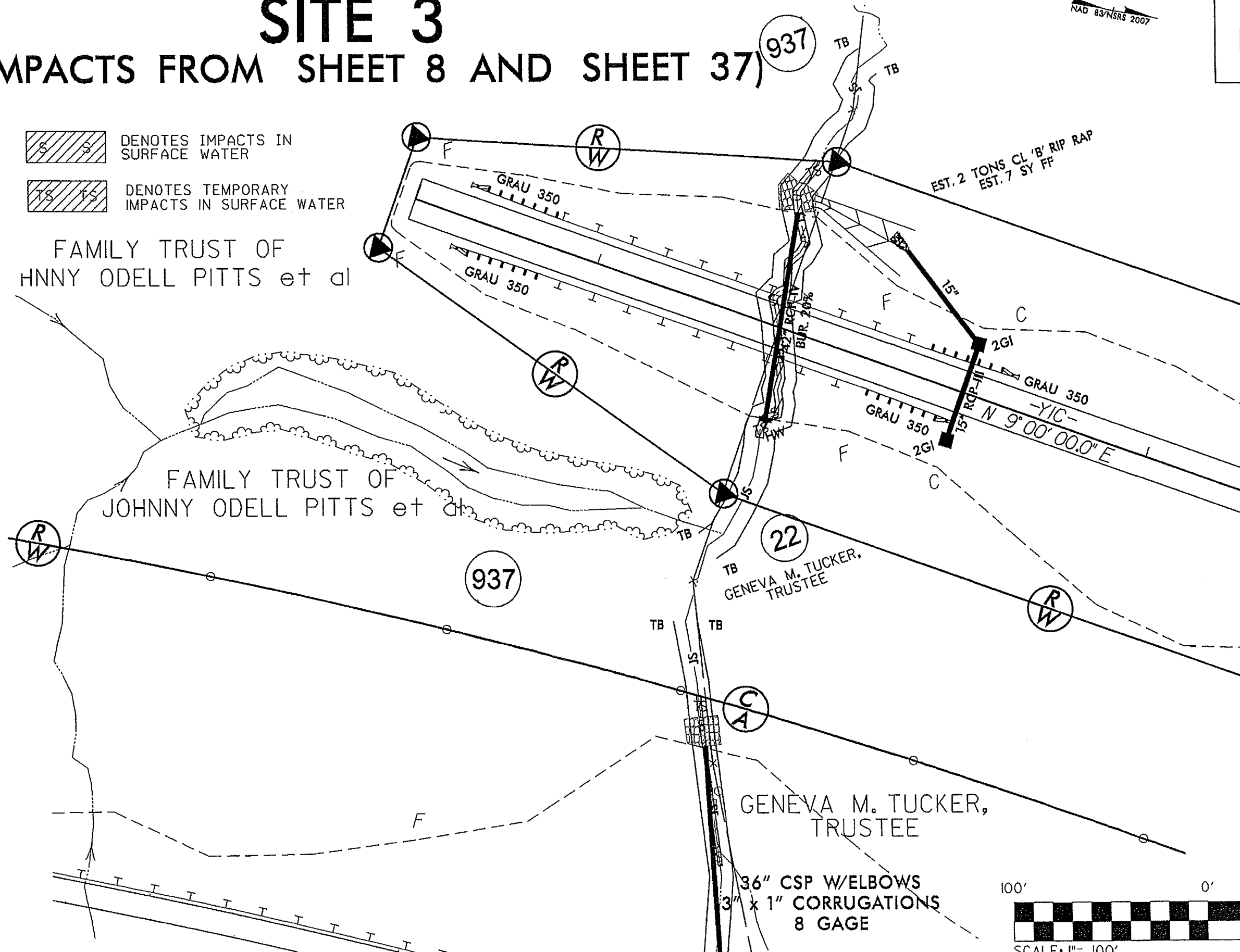
SITE 3

(IMPACTS FROM SHEET 8 AND SHEET 37)

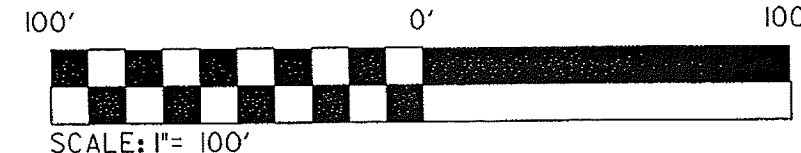
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

FAMILY TRUST OF
HNNY ODELL PITTS et al

FAMILY TRUST OF
JOHNNY ODELL PITTS et al

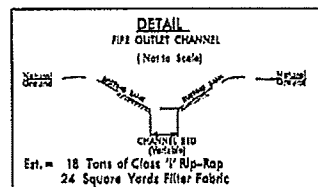


36" CSP W/ELBOWS
3" x 1" CORRUGATIONS
8 GAGE

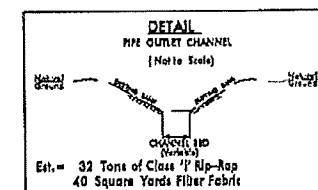


PROJECT REFERENCE NO.	SHEET NO.
R-2413A	9
RDW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

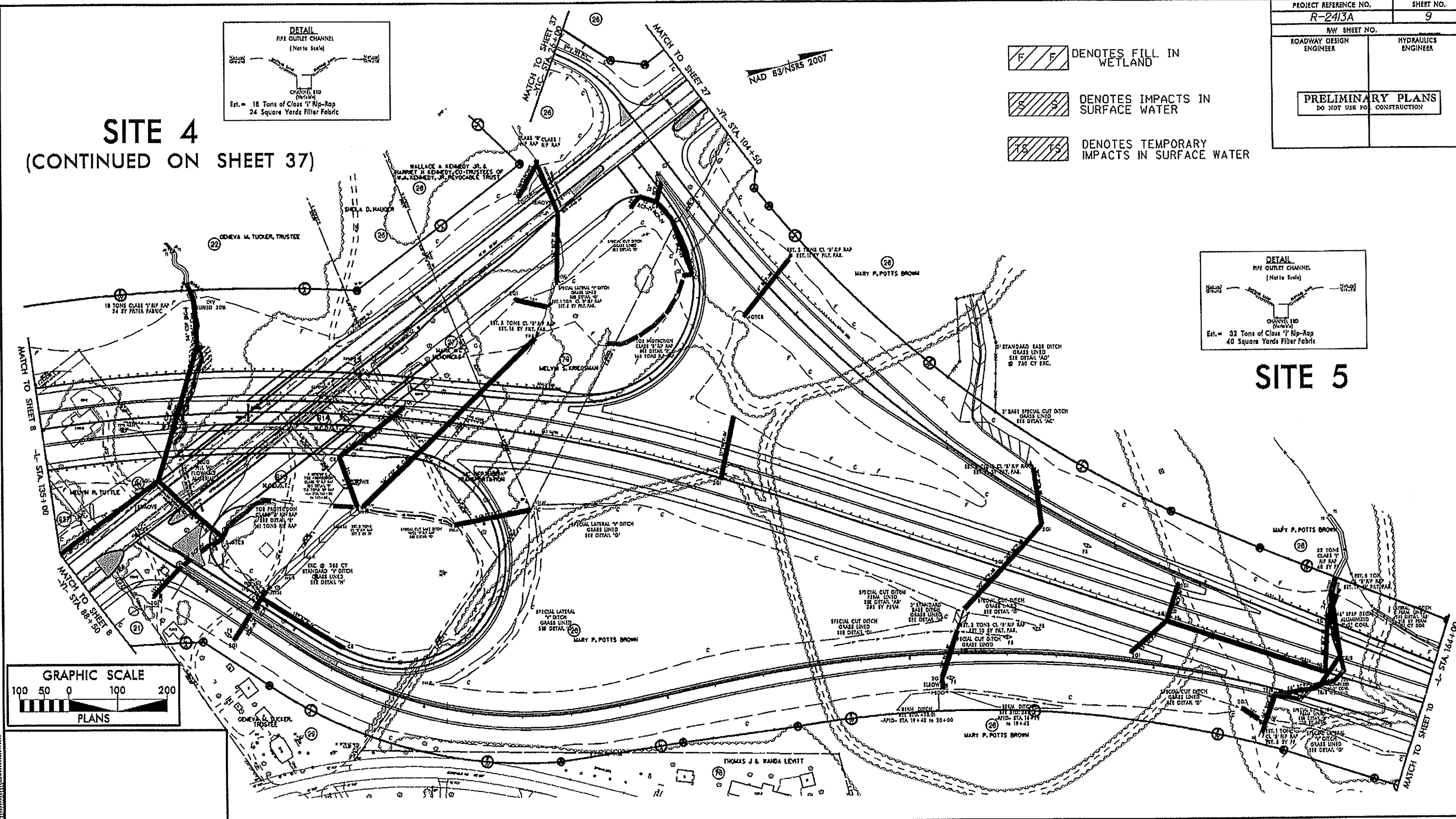
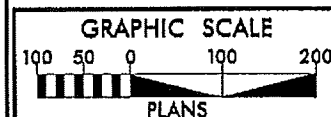
SITE 4 (CONTINUED ON SHEET 37)



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

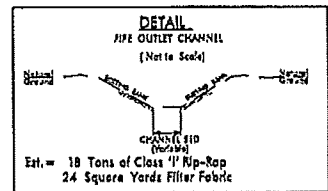


SITE 5

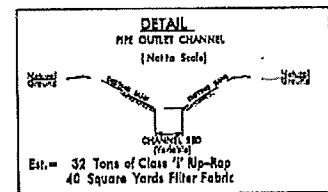


PROJECT REFERENCE NO. R-2413A		SHEET NO. 9	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION			

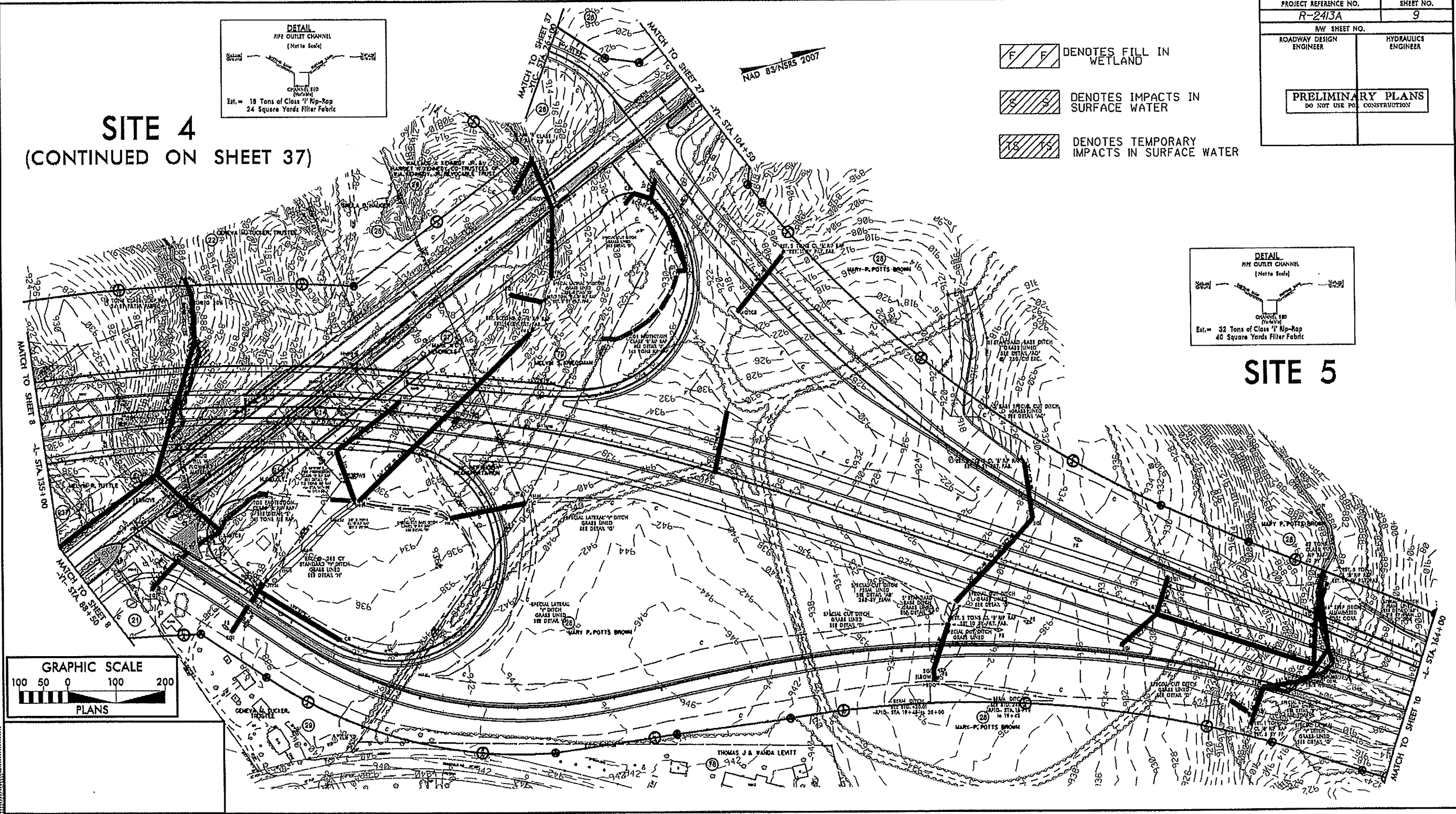
SITE 4
(CONTINUED ON SHEET 37)

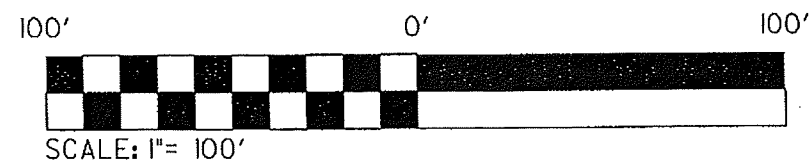


- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER



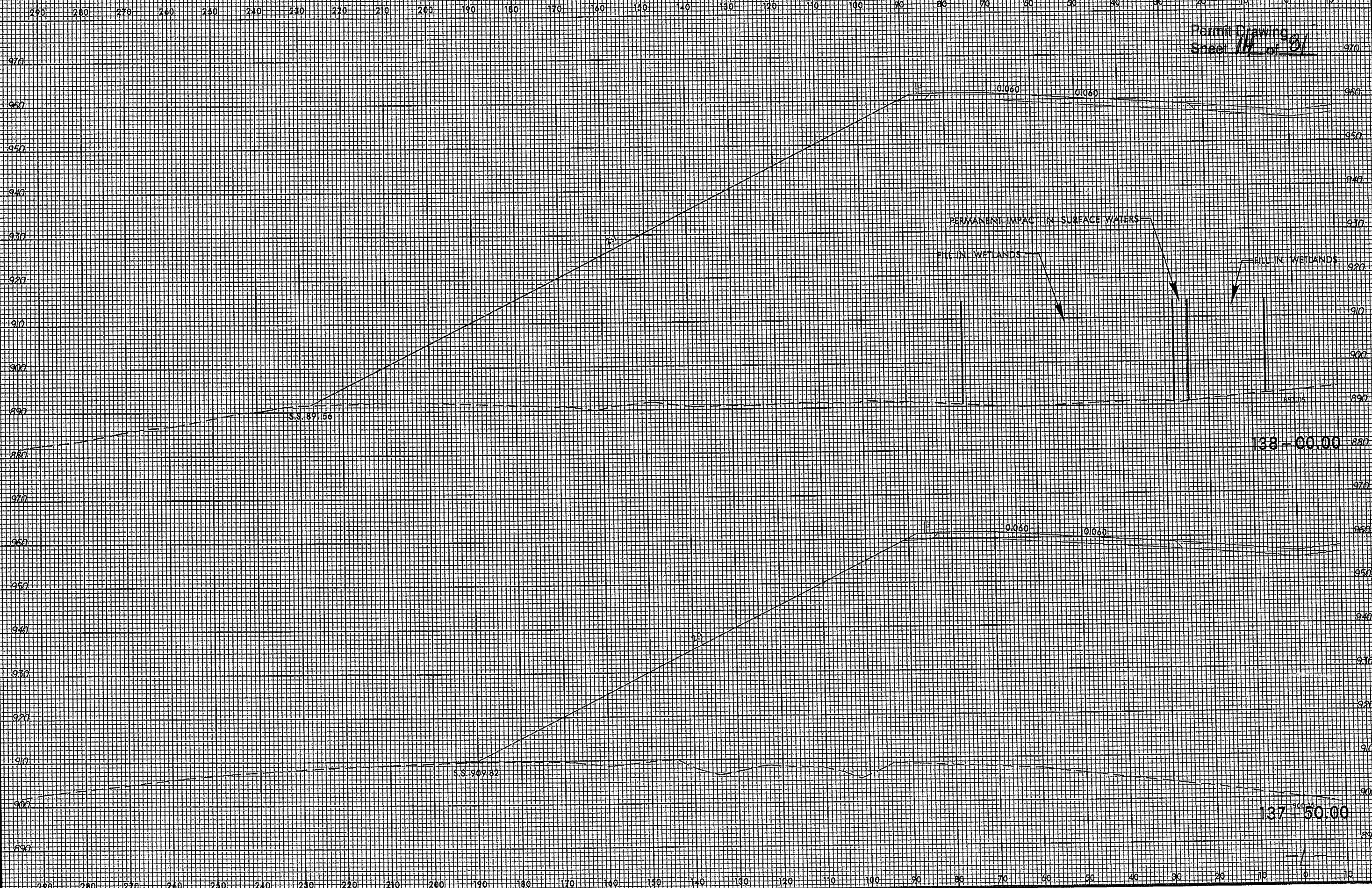
SITE 5





8/23/99

Permit Drawing
Sheet 14 of 31



*****SYTIME*****
*****SUS*****
*****SUS*****

8/17/99

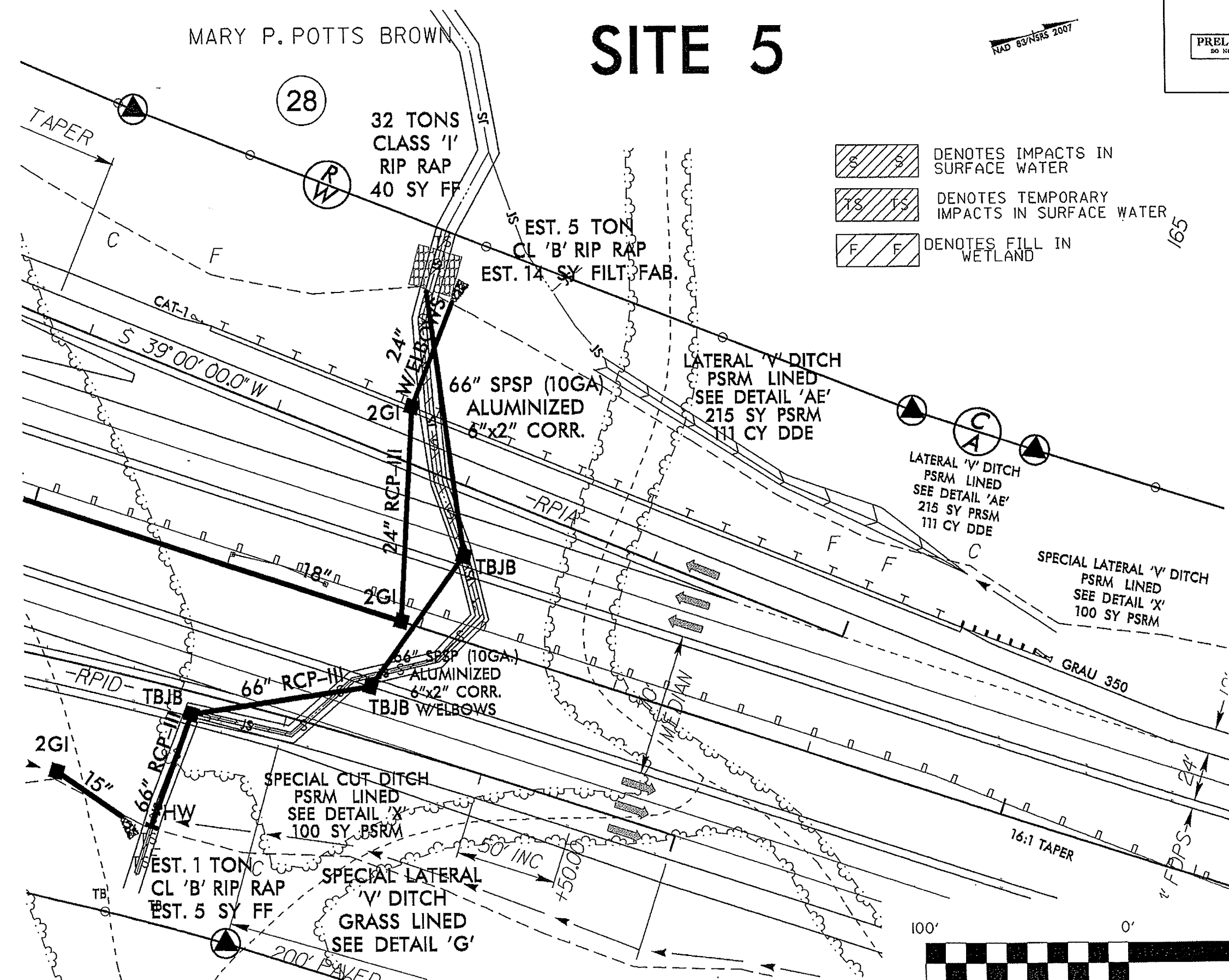
REVISIONS

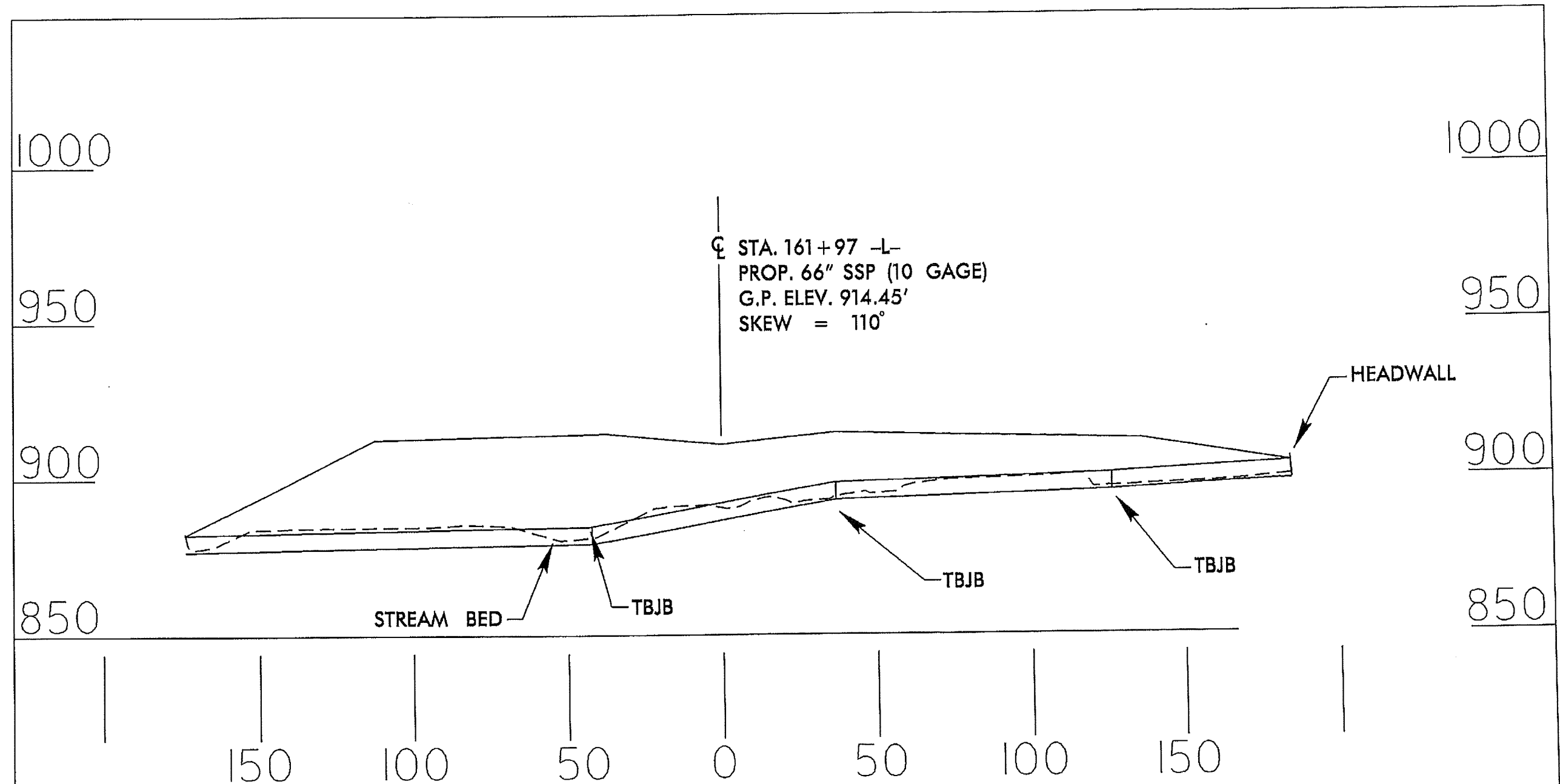
SYSTIME

Permit Drawing
Sheet 15 of 81

NAD 83/NSRS 2007

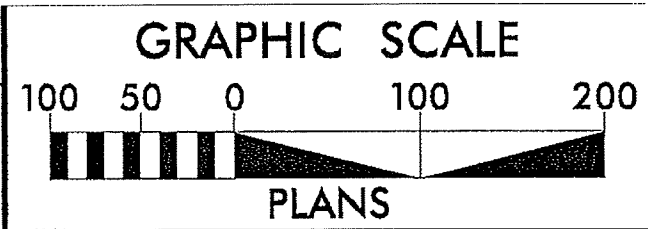
PROJECT REFERENCE NO.	SHEET NO.
R-2413A	9
RAW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	





PROFILE

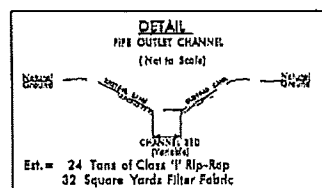
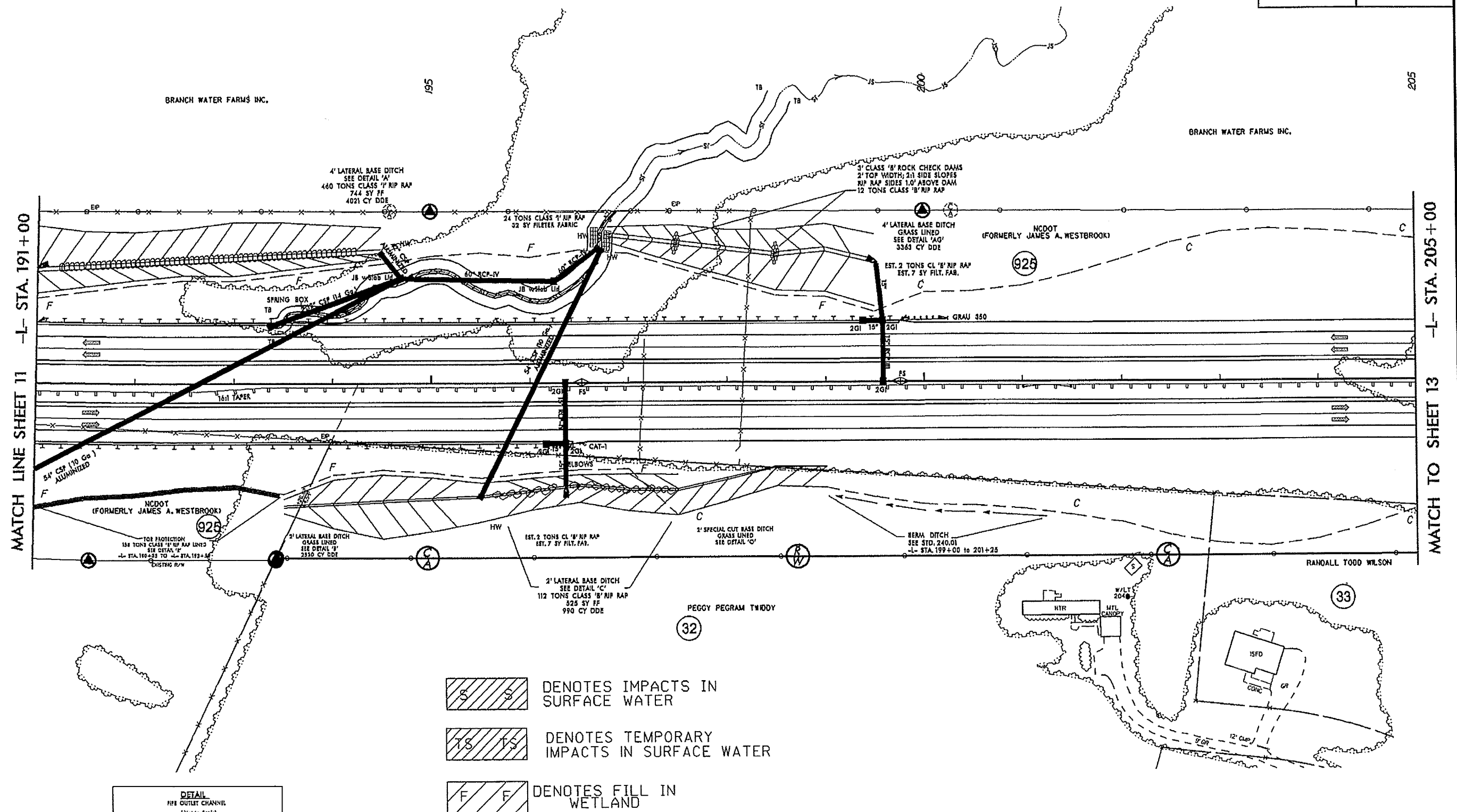
NCDOT
DIVISION OF HIGHWAYS
GUILFORD COUNTY
PROJECT: 34429.1.1 (R-2413A)
NC 68 CONNECTOR
FROM FOUR LANES AT
SR 2011 TO SR 2127



Permit Drawing
Sheet 17 of 81
NAD 83/NSRS 200

PROJECT REFERENCE NO.	SHEET NO.
R-2413A	12
HW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

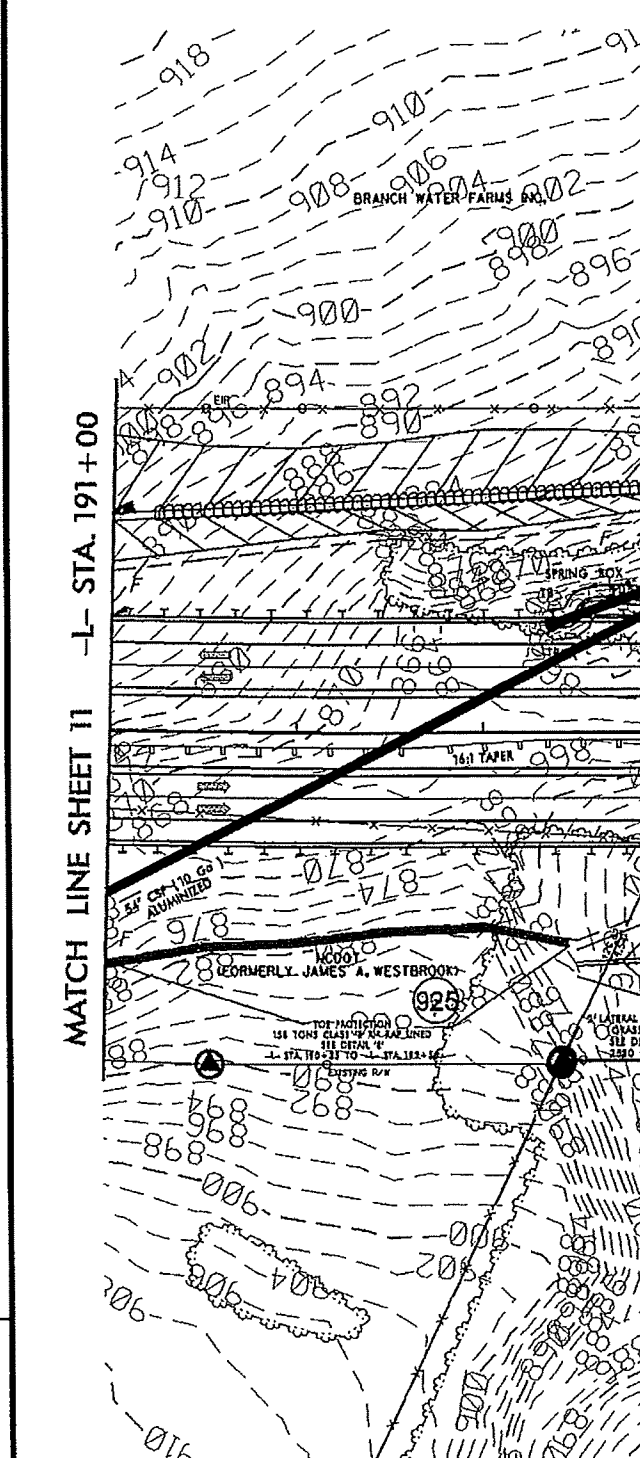
SITE 6



REVISIONS
R/W REVISION: PARCEL NUMBER 80 HAS BEEN DELETED. NO CLAIM ON BRANCH WATER FARMS, INC. CEH 2/27/13.

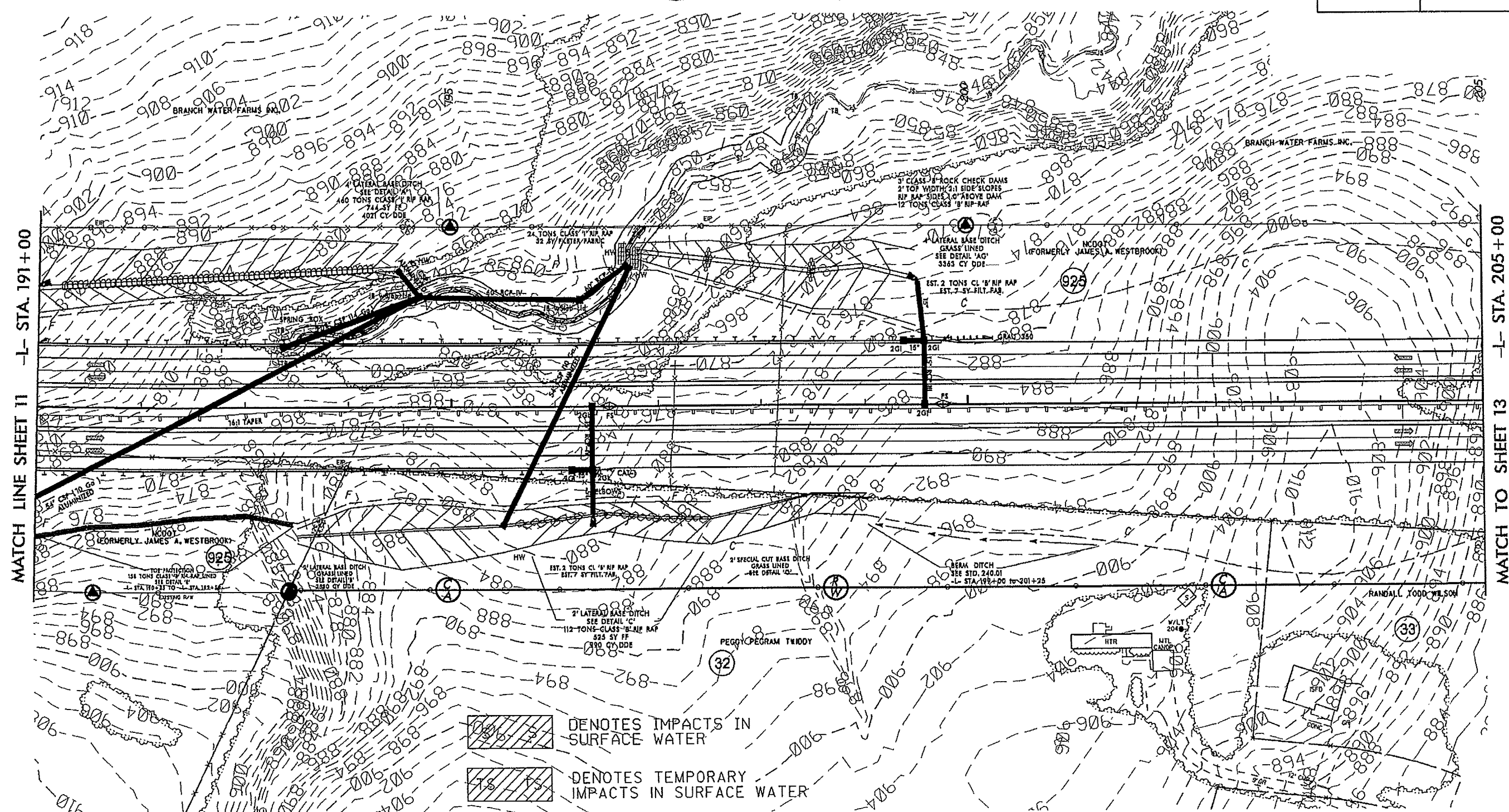
NONOPILO

EMILSA SYSTEMS



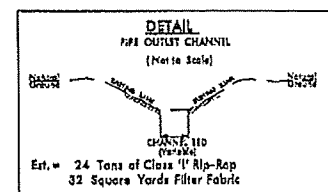
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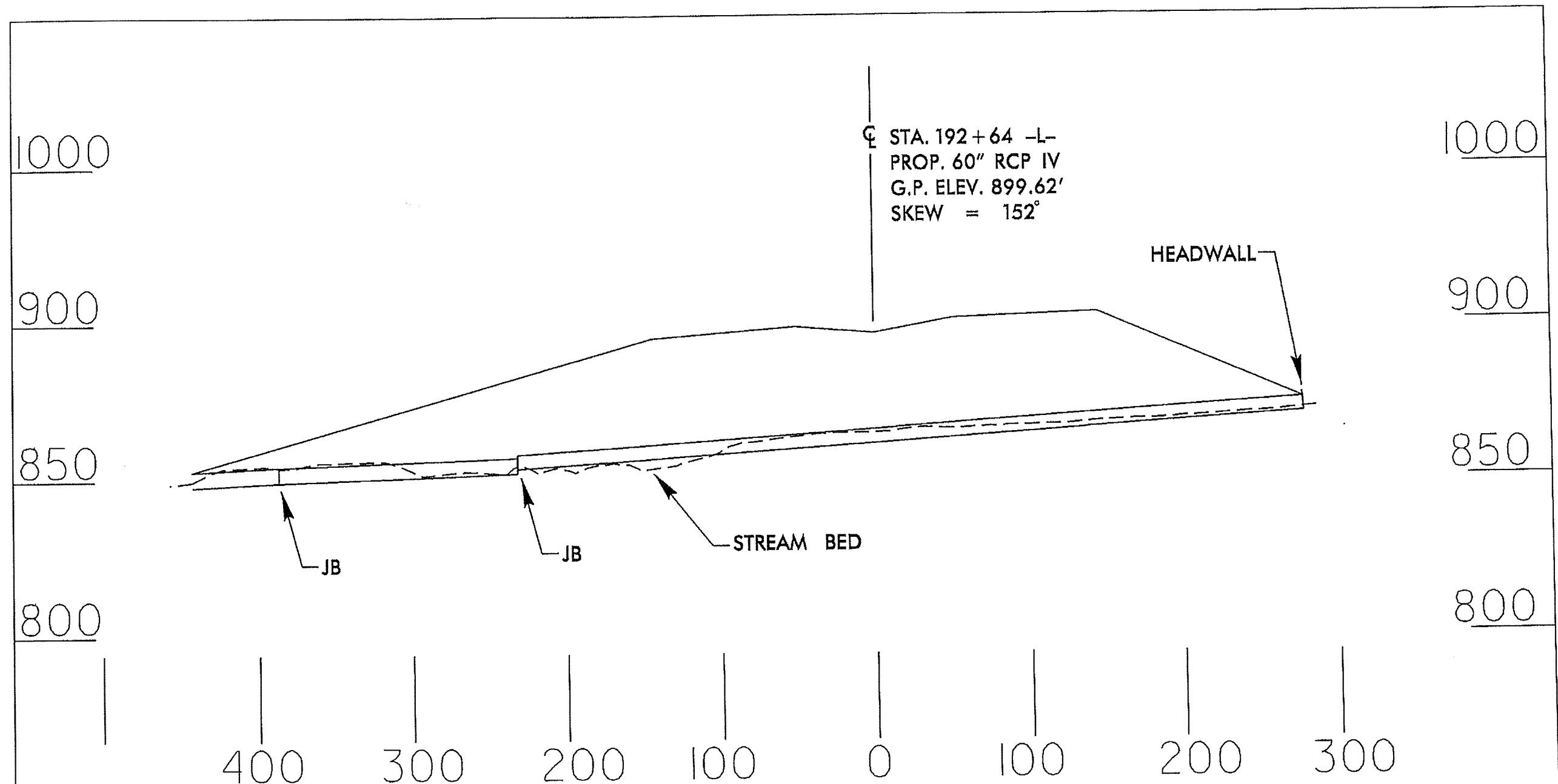
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MATCH TO SHEET 13 -L- STA. 205+00

SYSTEMS DGNOME

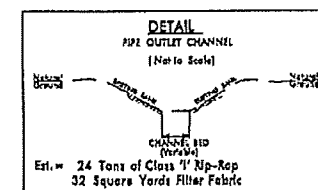




PROFILE

NCDOT
DIVISION OF HIGHWAYS
GUILFORD COUNTY
PROJECT: 34429.1.1 (R-2413A)
NC 68 CONNECTOR
FROM FOUR LANES AT
SR 2011 TO SR 2127

PROJECT REFERENCE NO.		SHEET NO.	
R-243A		13	
RAW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION			



NAD 83/NSRS 2007

RAW REVISION: PARCEL NUMBER 80 HAS BEEN DELETED. NO CLAIM ON BRANCH WATER FARMS, INC. CEH 2/27/13

SITE 7

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

GRAPHIC SCALE

