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

REPLY TO
ATTENTION OF:

CESAM-RD-I
PUBLIC NOTICE NO: SAM-2005-04485-RCV

July 14, 2008

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

MODIFICATION OF ROAD IMPROVEMENTS FOR U.S. 98 FROM THE MISSISSIPPI LINE TO EAST OF C.R. 576, MOBILE COUNTY, ALABAMA

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 USC 1344). Please communicate this information to interested parties.

APPLICANT: Alabama Department of Transportation
Mr. John Shill
1409 Coliseum Boulevard
Montgomery, Alabama 36130

WATERWAY: Wetlands adjacent to Scarbo Creek, Long Branch, Big Creek Creek, and Collins Creek, from the Mississippi Line to Semmes, Mobile County, Alabama.

WORK: The Alabama Department of Transportation (ALDOT) request an after-the fact permit modification for the construction of US 98 from the Mississippi Line to Semmes, Alabama. This project was previously permitted June 26, 2006 under Action No. AL05-04485-S. The modification has required the mechanical clearing of additional wetland areas to allow erosion control activities, and the flattening of slopes using a geo-textile slope reinforcement anchoring system. This has resulted in impacts to approximately 3.24 acres of additional wetlands. The following is a list of additional wetlands that were impacted in the Escatawpa River drainage area:

Site Number	Adjacent Stream	Acres
Site 2	An unnamed tributary of Scarbo Creek	0.41
Site 4	An unnamed tributary of Scarbo Creek	2.29

Site 5	An unnamed tributary of Scarbo Creek	0.54

No further wetland impacts will be associated with the installation of this drainage system.

New work is also proposed. First, the bridge crossing of Big Creek, originally planned as 300 foot long, will be increased to approximately 1200 feet. This modification will completely span the wetlands on the east side of the bridge and reduce originally proposed wetland impacts by 6 acres. Upon completion of the bridge, 435 cubic yards of road fill at the haul road will be removed down to pre-construction elevations. Erosion control during the removal of the haul road will be accomplished with the use of silt fences, monitoring, and best management practices.

Next, additional work is also proposed to flatten slopes and improve erosion control within the Big Creek Lake drainage area. This will result in an additional wetland impact of 8.28 acres. The following chart indicates where these impacts occur:

Site Number	Adjacent Stream	Acres
Sites 6 and 7	Tributary to Long Branch	2.03
Sites 8 and 9	Tributary to Long Branch	0.70
Sites10A	Tributary to Long Branch	0.21
Site 10	Tributary to Long Branch	0.27
Site 11	Tributary to Big Creek	1.13
Site 13	Big Creek	2.23
Site 14	Tributary to Collins Creek	0.90
Site 14a	Tributary to Collins Creek	0.06
Site 15	Tributary to Collins Creek	0.33
Site 16	Tributary to Collins Creek	0.42

Finally, ALDOT proposes a "chimney drain" system within the existing right-of-way. This work consists of areas cut into the slopes and filled with large stone to allow ground water to flow through the stone and exit the base of the roadway without destabilizing the roadbed.

ALDOT requests that the Corps of Engineers amend the Section 404 Permit to increase the amount of wetlands impacted by 11.52 acres. Of these 11.52 acres, 3.24 acres are in the Escatawpa River drainage and 8.28 acres are in the Big Creek Lake drainage area. The redesign of the Big Creek Bridge will reduce wetland impacts by 6 acres.

Mitigation for the net loss of the 5.52 acres of wetlands is presently proposed from ALDOT's Fowl River Wetland Mitigation Area which has a service area which includes Mobile County. ALDOT is consulting with MAWSS to determine if alternative suitable mitigation is available on MAWSS property within the Big Creek drainage area.

A Final Environmental Assessment/ Finding of No Significant Impact was completed by the US Department of Transportation Federal Highway Administration and the Alabama Department of Transportation on January 04, 2005. This document is being re-evaluated by both Departments in light of this modification request.

During all construction, best management practices by ALDOT will include daily monitoring to determine if turbidity from sediment is leaving the entire project site. Erosion will be controlled throughout the construction process, especially during slope changes and removal of material from under the bridges. These measures might include the use of a combination of silt fence, silt booms in deep water, sodding, the use of geotextiles and rock check dams, and possibly other measures.

The purpose of the project is to alleviate erosion and ground water problems within the project site. These problems, and the Alabama Department of Environmental Management requirements for water quality violation remediation, have required the applicant to cease construction of the project and request modifications to the plans to stabilize the roadbed that was under construction, to stop erosion and silt leaving the project area, and to prevent further problems related to ground water and erosion from occurring on the project.

Construction has completely stopped on the roadbed until erosion and siltation problems could be addressed on the ground. The slopes of the roadbed were stabilized using a combination of methods and emergency actions were taken to flatten slopes within the right-of-way to further increase their stability, especially in the area drained by the Escatawpa River. While this widening was contained within the right-of-way, it did require the mechanical clearing of additional wetland areas. These impacts were not covered in the original permit.

The applicant has applied for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act, and upon completion of the required advertising, a determination relative to a revised certification will be made.

CESAM-RD-I
PUBLIC NOTICE NO: SAM-2005-04485-RCV

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, cultural values, 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 production, 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 to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing.

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known to exist which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant

sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the U.S. Department of the Interior, National Park Service, Division of Archeological Services.

Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicates that the proposed activity will not affect listed endangered or threatened species, or their critical habitat.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2005-04485-RCV** and should be directed to the District Engineer, U.S. Army Engineer District, Mobile, Post Office Box 2288, Mobile, Alabama 36628-0001, Attention: Regulatory Division, with a copy to the Alabama Department of Environmental Management, 4171 Commanders Drive, Mobile, Alabama 36615. Comments should be received **no later than 15 days** from the date of this Public Notice.

If you have any questions concerning this publication, you may contact the Project Manager Mr. Rudolph C. Villarreal via email at rudolph.c.villarreal@sam.usace.army.mil or telephone number (251) 690-3246. Please refer to the Public Notice SAM-2005-04485-RCV.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/RD/reg, and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Enclosures

FHWA REG. NO.	STATE	REFERENCE PROJECT NO.	F Y
4	AL	NHF-210(013)	2

CONTRACT ID NO. 443

ALABAMA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED PROJECT NUMBER
NHF-210(013)
RELOCATION OF U.S. 98
FROM THE MISSISSIPPI LINE TO
2500' EAST OF C.R. 576
GRADE, DRAIN, BRIDGE CULVERT & BRIDGE
MOBILE COUNTY

INDEX SEE SHEET 1A

Existing Bridge (Retain)

INDEX	STA	TO	STA	LENGTH	BIN
1	36+16		49+41	1325.00 NO EFFECT	

Required Bridge (Culvert)

INDEX	STA	TO	STA	LENGTH	CULVERT SIZE	BIN
2	90+22.89		90+71.11	48.22'	CT1214	018862
3	202+18.38		202+63.63	45.25'	CT107	018863
4	290+74.60		291+35.41	60.81'	CO107	018864

TOTAL BRIDGE CULVERT EFFECT = 154.28'

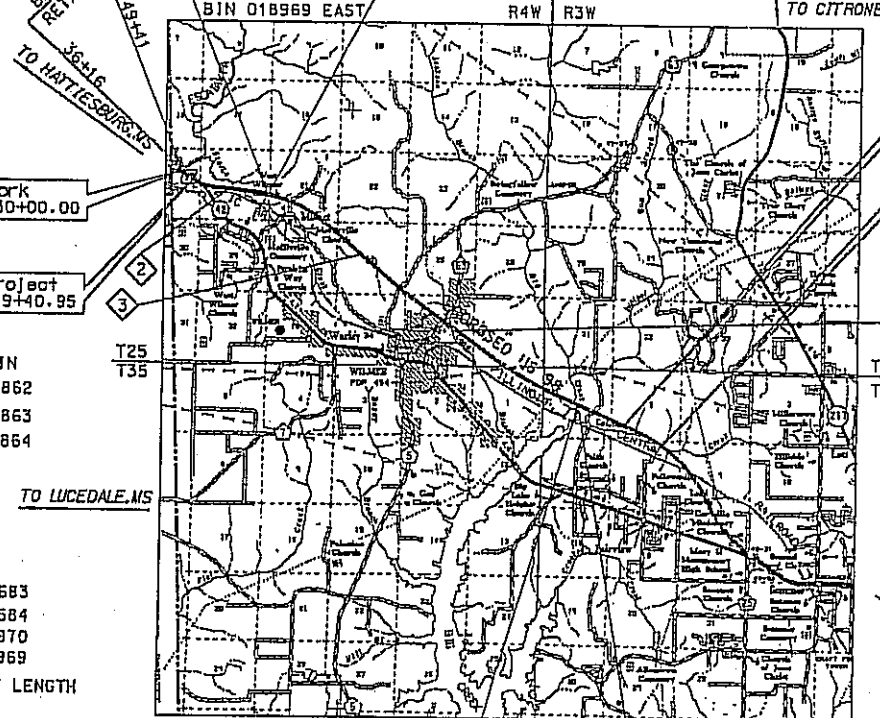
Required Dual Bridge

INDEX	STA	TO	STA	LENGTH	BIN
5	398+94.19		402+60.81	366.62'	EASTBOUND: 018683
					WESTBOUND: 018684
6	159+95.00		163+85.00	390.00'●	WESTBOUND: 018970
	159+95.00		163+85.00	340.00'	EASTBOUND: 018969

TOTAL BRIDGE EFFECT = 756.63' ● USED FOR PROJECT LENGTH

Equations & Exceptions - None

	FEET	MILES
Total Stationing of Project	42059.05	
Equations & Exceptions	0.00	
Net Length of Project	42059.05	7.965
t Length of Bridge (Culverts)	910.91	0.172
Net Length of Roadways	41148.14	7.793



Note: Fiscal year 2005 as indicated on sheet no.1 the title sheet is the correct year for these plans. It shall be understood that this fiscal year supersedes fiscal year 2004 listed on sheets 1a thru 999.

APPROVED _____ DATE _____
PROJECT MANAGER

REGISTRATION NO. _____

APPROVED _____

Preliminary Project No.
Code No. 430

Design Designation	
ADT (2006)	
ADT (2026)	
K	
D	
TDHV	
TADT	
V (Design Speed)	
Min. Stopping Sight Dist.	

These plans have been prepar
with the Alabama Dep
Standard Specifica
Construction, 2005 E

PREPARED AND RECOMM
VOLKERT & ASSOCI
CONSULTING ENGINE

ALABAMA DEPART OF
Submitted for Approval

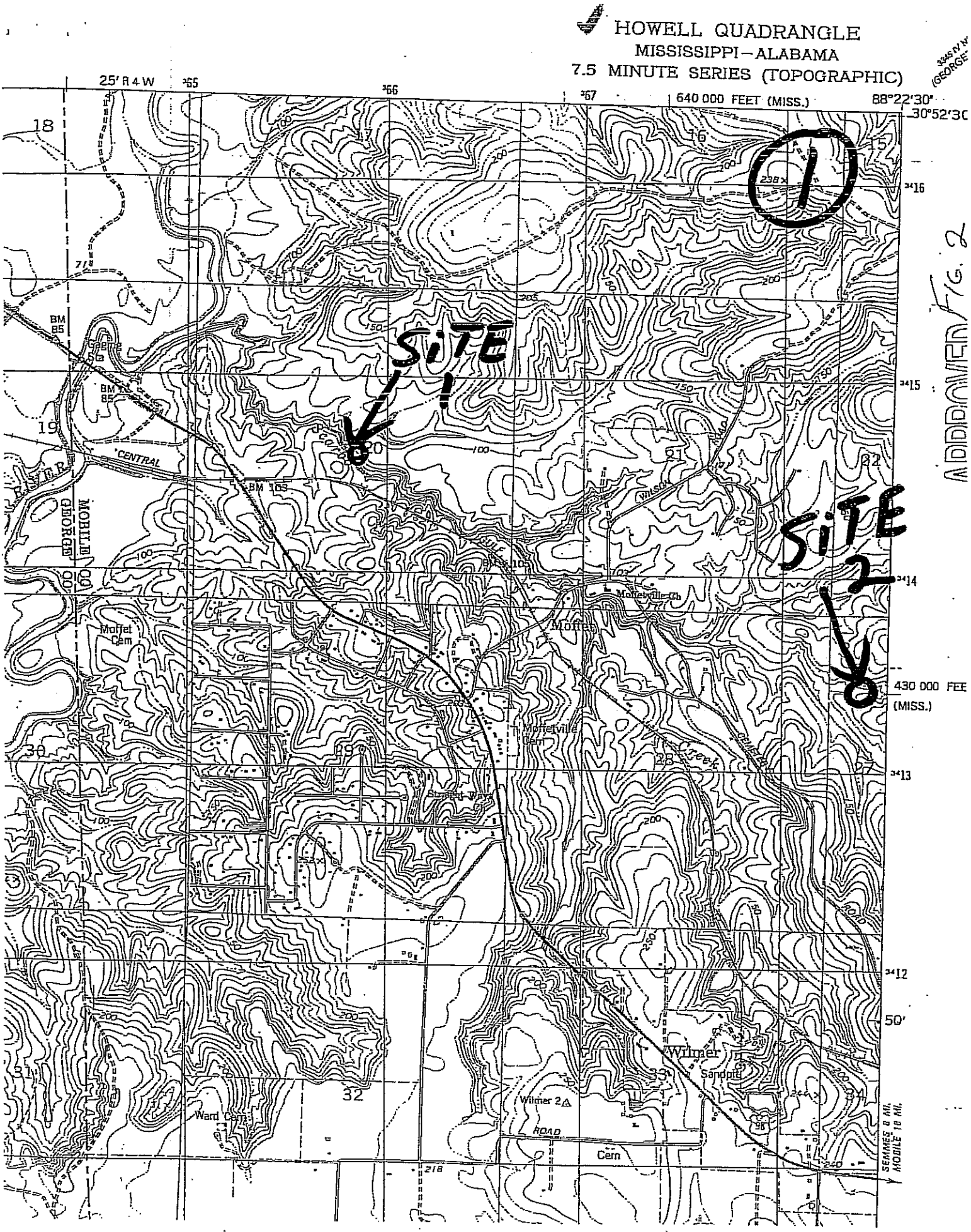
DIVISION ENG

CHIEF ENG
Approved

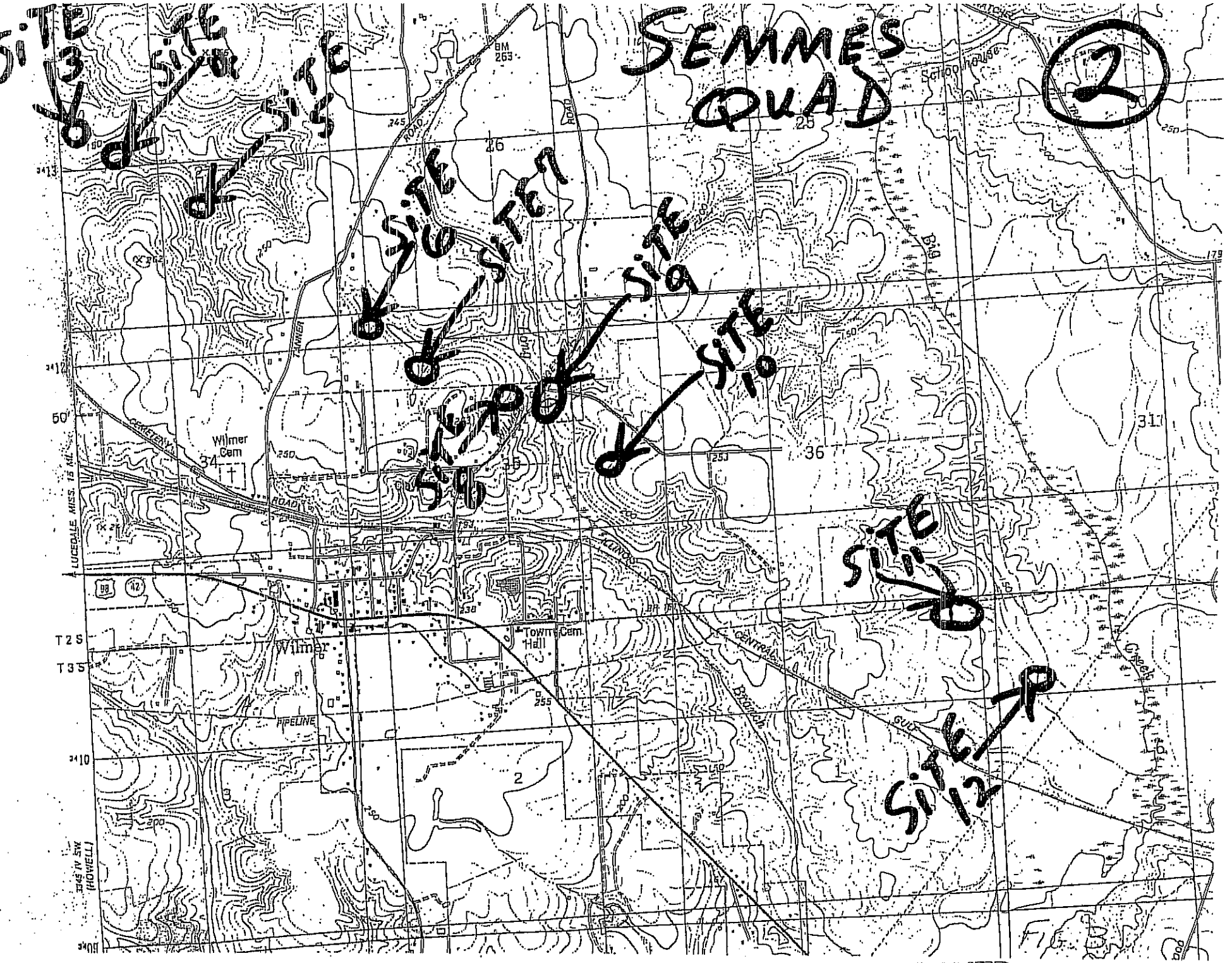
TRANSPORTATION

◆ THIS SYMBOL IS US
DENOTE ITEMS THAT
BE CONSTRUCTED IN

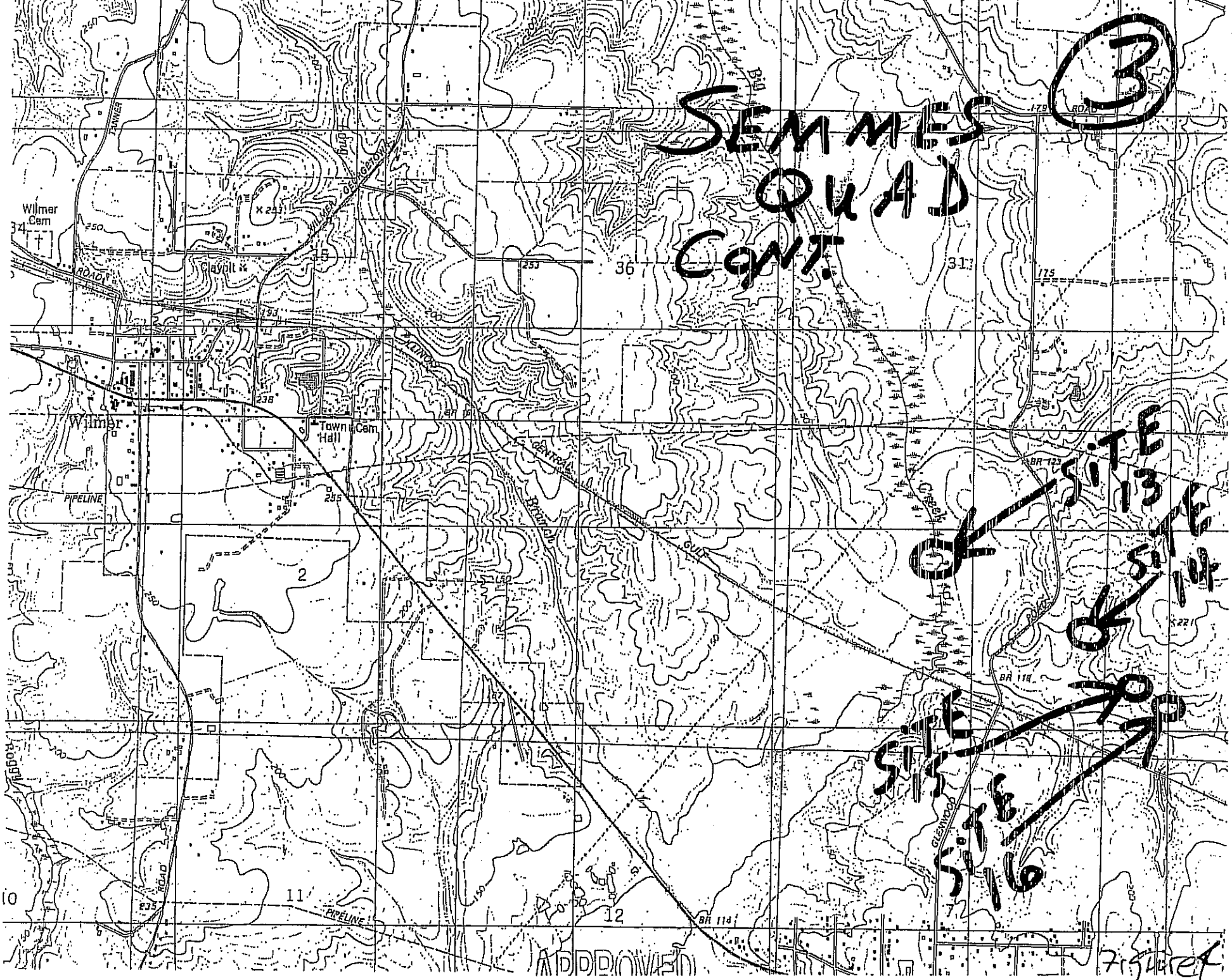
FIG 1



ADDENDUM Fig. 2

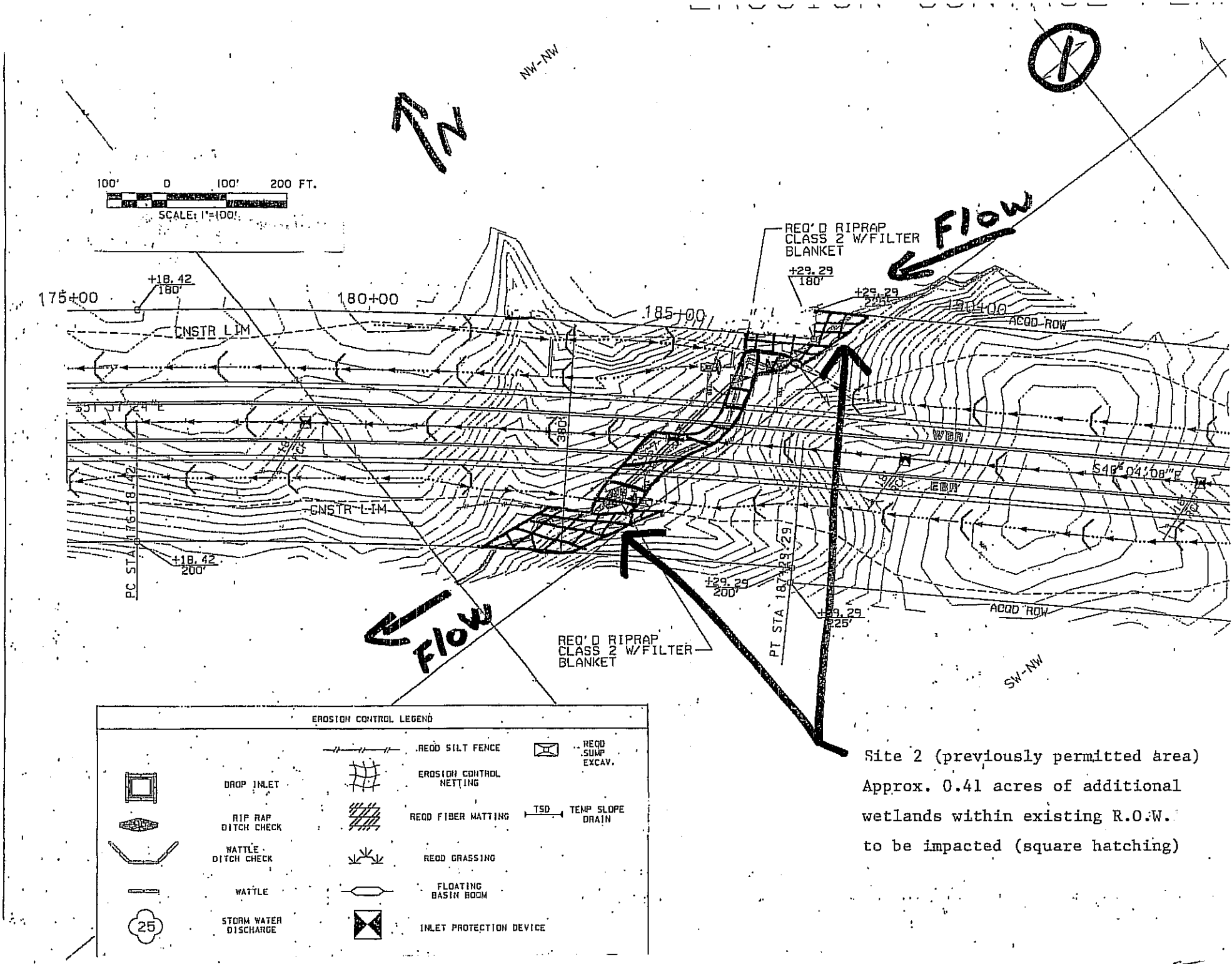

SEMMES QUAD
2
SITE 3
SITE 4
SITE 5
SITE 6
SITE 7
SITE 8
SITE 9
SITE 10
SITE 11
SITE 12
Wilmer Cem
Wilmer
Town Cem Hall
Schoolhouse
Big
Creek
Branch
CENTRAL
GULF
ILLINOIS
TANNER
ROAD
CEMETERY
PIPELINE
LUCEDALE MISS. 15 MI.
T2S
T3S
3345 IV SW (HOWELL)
BM 263
26
25
34
35
36
31
2
1
3
FIG. B

APPROVED



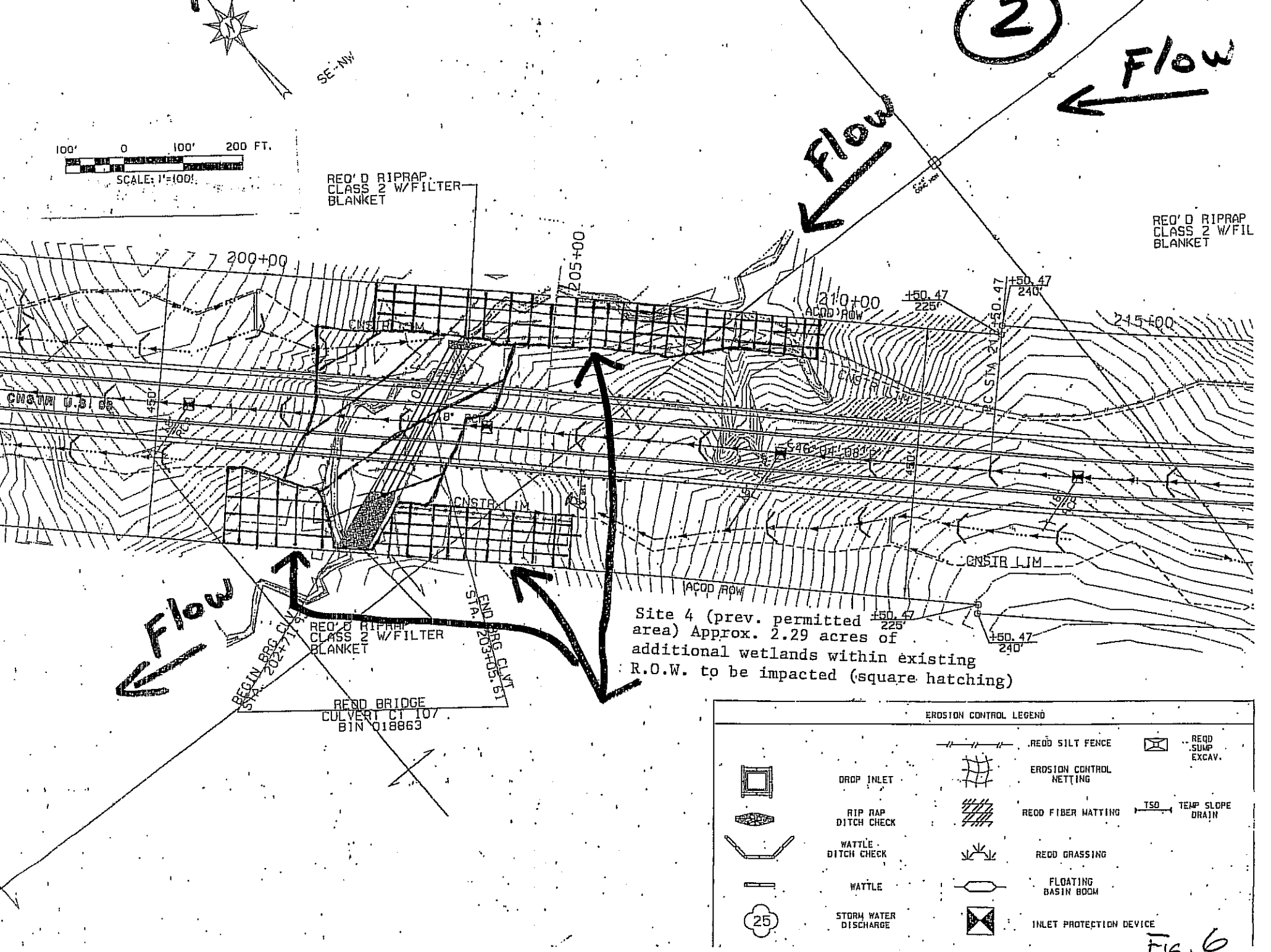
APPROVED

Figure 4



Site 2 (previously permitted area)
Approx. 0.41 acres of additional
wetlands within existing R.O.W.
to be impacted (square hatching)

Figure 5



2
Flow
Flow
Flow
SE-NW
100' 0 100' 200 FT.
SCALE: 1"=100'
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
REQ'D RIPRAP CLASS 2 W/FIL BLANKET
200+00
205+00
210+00
215+00
ACQD ROW
CNSTR LIM
CNSTR U.S. 98
+50.47 225'
+50.47 240'
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
BEGIN BRG CLVT STA. 202+71.93
END BRG CLVT STA. 203+05.61
REQD BRIDGE CULVERT CT 107 BIN 018863
Site 4 (prev. permitted area) Approx. 2.29 acres of additional wetlands within existing R.O.W. to be impacted (square hatching)
EROSION CONTROL LEGEND
DROP INLET
RIP RAP DITCH CHECK
WATTLE DITCH CHECK
WATTLE
STORM WATER DISCHARGE
25
REQD SILT FENCE
EROSION CONTROL NETTING
REQD FIBER MATTING
REQD GRASSING
FLOATING BASIN BOOM
INLET PROTECTION DEVICE
REQD SUMP EXCAV.
TSD
TEMP SLOPE DRAIN

Fig. 6

EROSION CONTROL PLAN

NHF-210(013)

3

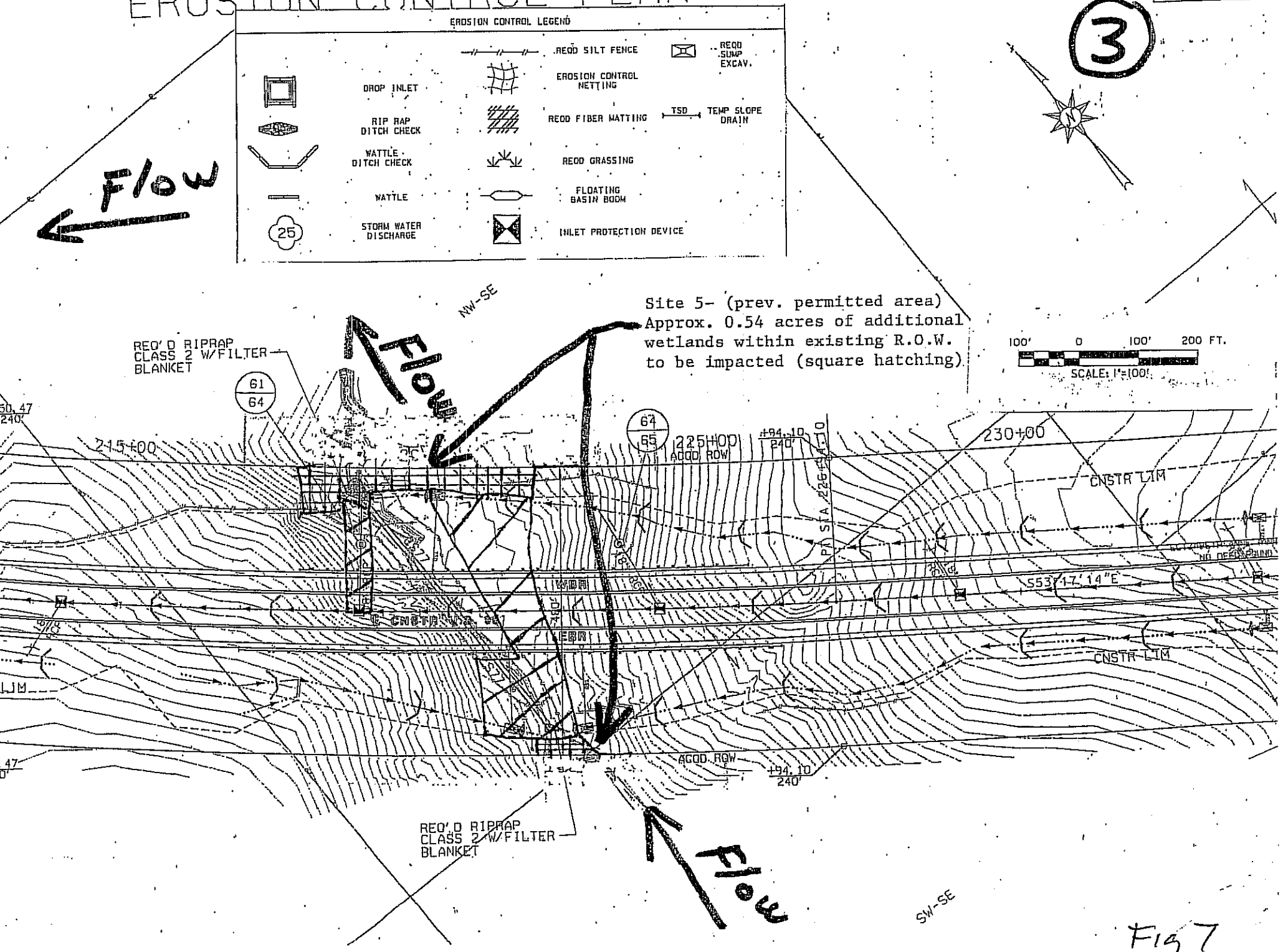


Fig 7

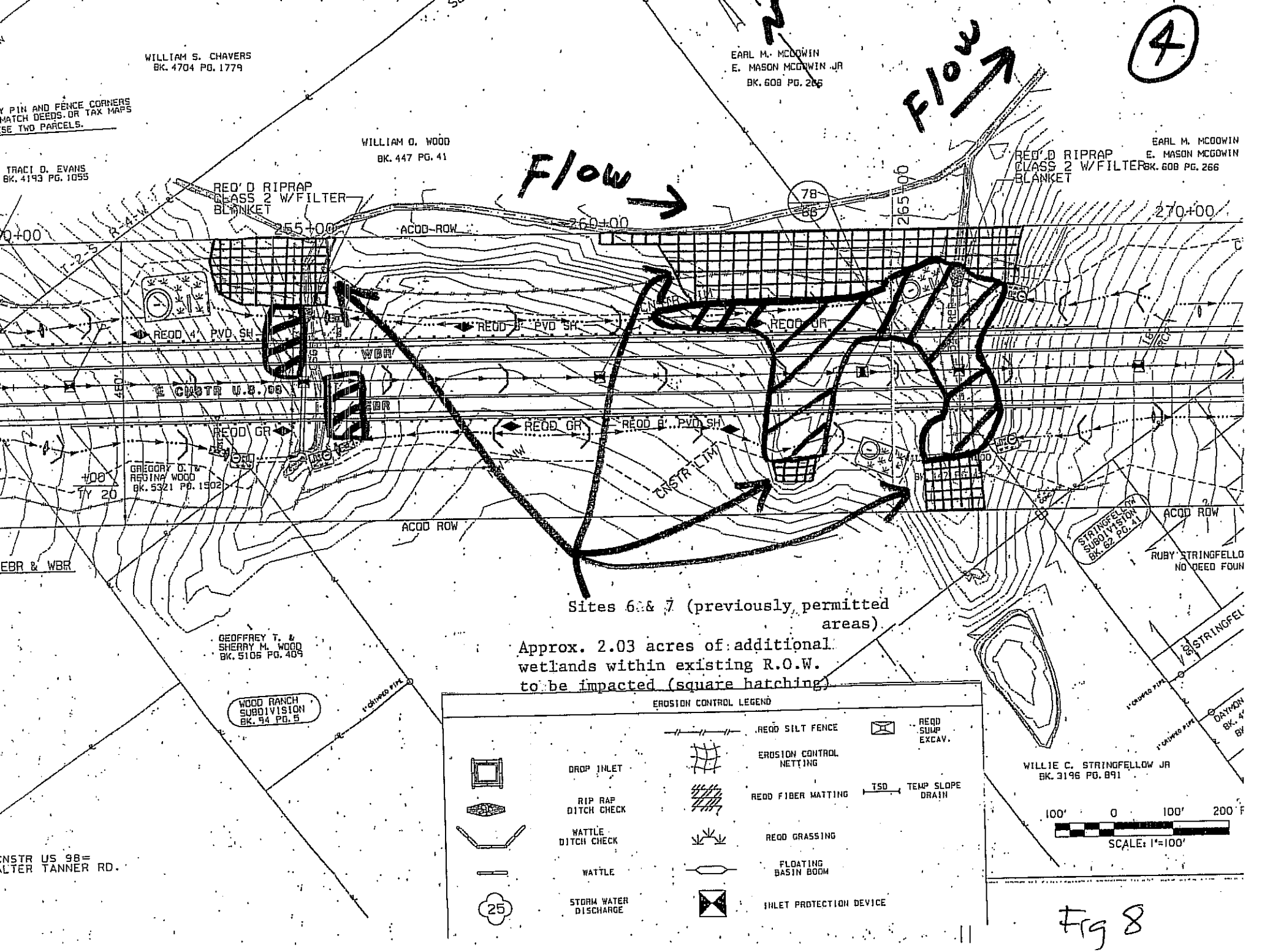
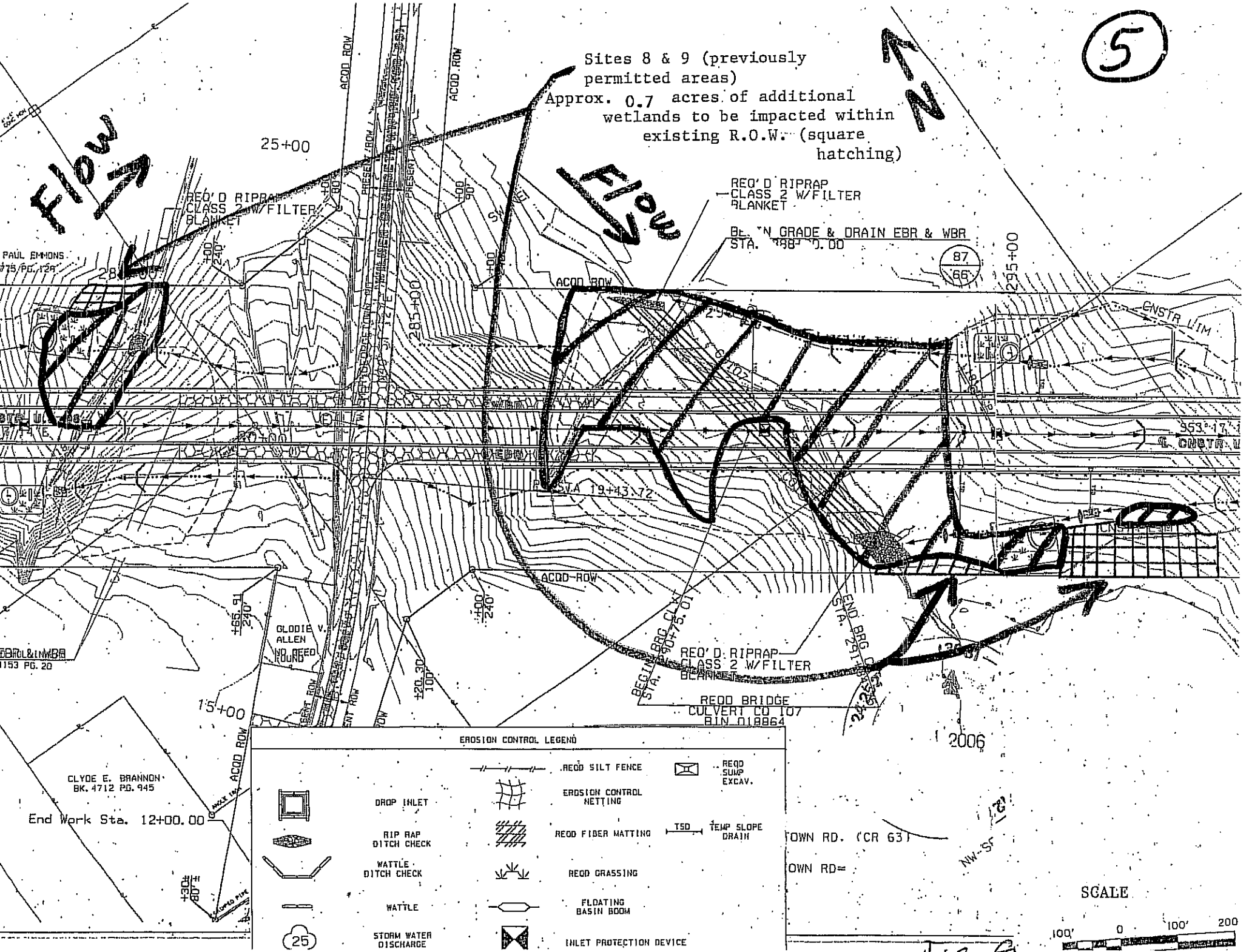
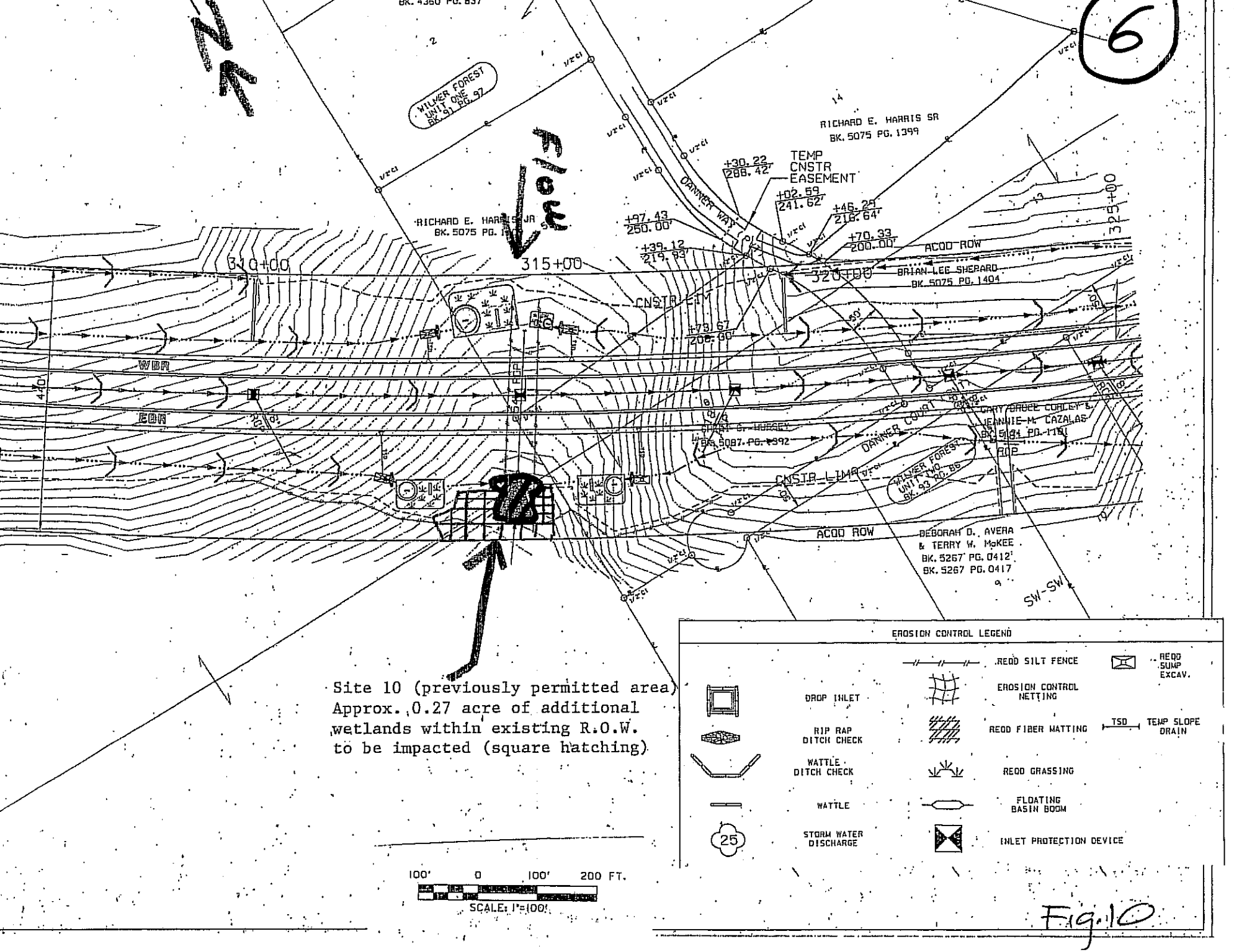

4
Flow
Flow
WILLIAM S. CHAVERS
BK. 4704 PG. 1779
EARL M. MCDOWIN
E. MASON MCDOWIN JR
BK. 608 PG. 266
WILLIAM O. WOOD
BK. 447 PG. 41
TRACI D. EVANS
BK. 4193 PG. 1055
REQ'D RIPRAP
CLASS 2 W/FILTER
BLANKET
255+00
260+00
265+00
270+00
ACOD-ROW
REQD 4' PVD SH
REQD 8' PVD SH
REQD GR
WBR
EBR
℄ CNSTR U.S. 98
REQD GR
REQD 8' PVD SH
CNSTR LIMIT
GREGORY O. & REGINA WOOD
BK. 5321 PG. 1502
ACOD ROW
STRINGFELLOW SUBDIVISION
BK. 62 PG. 41
RUBY STRINGFELLOW
NO DEED FOUND
EBR & WBR
GEOFFREY T. & SHERRY M. WOOD
BK. 5105 PG. 409
WOOD RANCH SUBDIVISION
BK. 94 PG. 5
WILLIE C. STRINGFELLOW JR
BK. 3196 PG. 891
100' 0 100' 200'
SCALE: 1"=100'
CNSTR US 98=
ALTER TANNER RD.
Sites 6 & 7 (previously permitted areas)
Approx. 2.03 acres of additional wetlands within existing R.O.W. to be impacted (square hatching)
EROSION CONTROL LEGEND
REQD SILT FENCE
REQD SUMP EXCAV.
DROP INLET
EROSION CONTROL NETTING
RIP RAP DITCH CHECK
REQD FIBER MATTING
TSD TEMP SLOPE DRAIN
WATTLE DITCH CHECK
REQD GRASSING
WATTLE
FLOATING BASIN BOOM
25
STORM WATER DISCHARGE
INLET PROTECTION DEVICE

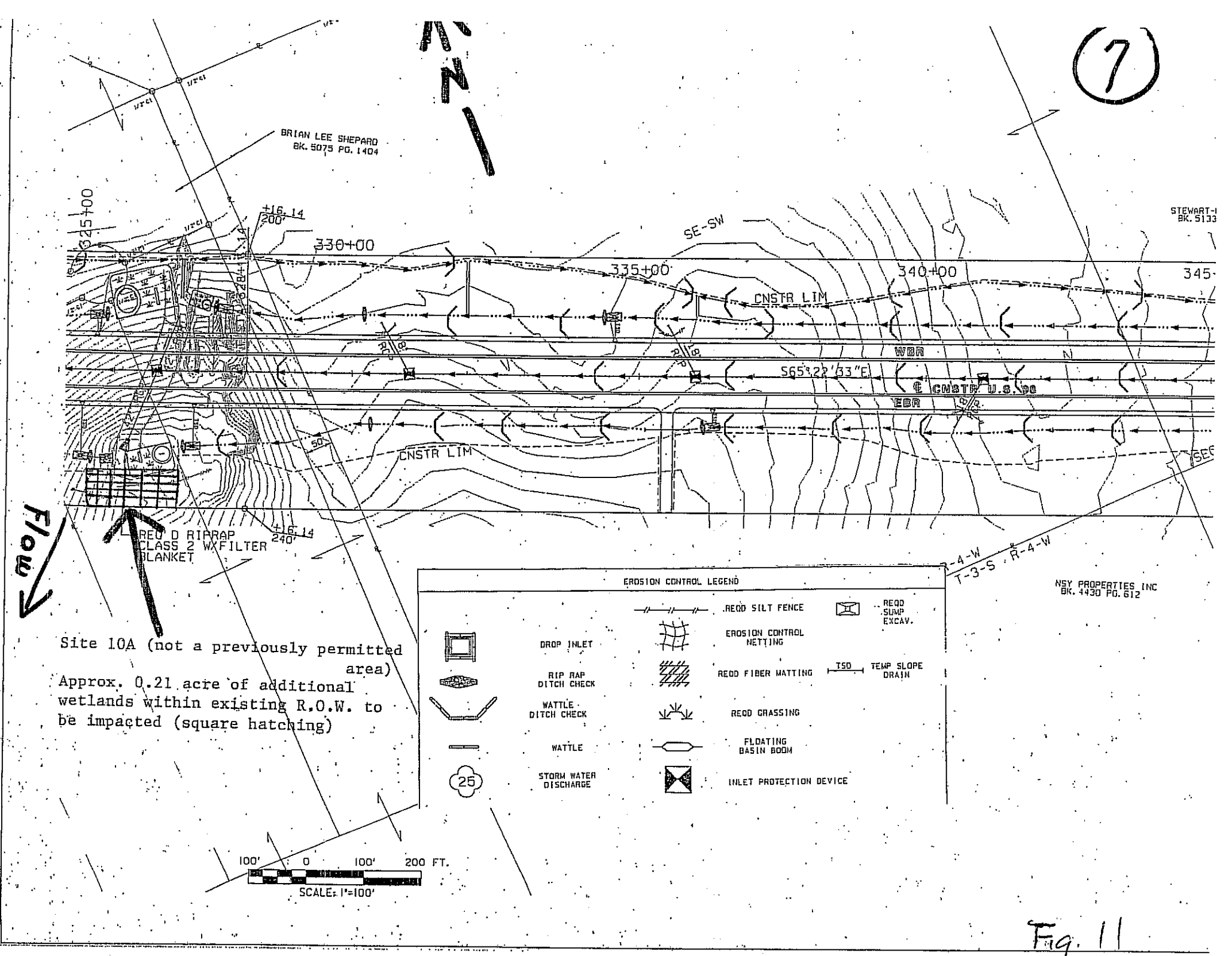
Fig 8


5
Sites 8 & 9 (previously permitted areas)
Approx. 0.7 acres of additional wetlands to be impacted within existing R.O.W. (square hatching)
N
Flow
Flow
25+00
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
PAUL EMMONS
ACQD ROW
285+00
295+00
CNSTR LIM
STA 19+43.72
GLODIE V. ALLEN
NO DEED FOUND
15+00
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
REQD BRIDGE CULVERT CO 107 BIN 018864
2006
CLYDE E. BRANNON BK. 4712 PG. 945
End Work Sta. 12+00.00
EROSION CONTROL LEGEND
DROP INLET
RIP RAP DITCH CHECK
WATTLE DITCH CHECK
WATTLE
STORM WATER DISCHARGE
REQD SILT FENCE
EROSION CONTROL NETTING
REQD FIBER MATTING
REQD GRASSING
FLOATING BASIN BOOM
INLET PROTECTION DEVICE
REQD SUMP EXCAV.
TEMP SLOPE DRAIN
TOWN RD. (CR 63)
SCALE
100' 0 100' 200



Site 10 (previously permitted area)
Approx. 0.27 acre of additional
wetlands within existing R.O.W.
to be impacted (square hatching)

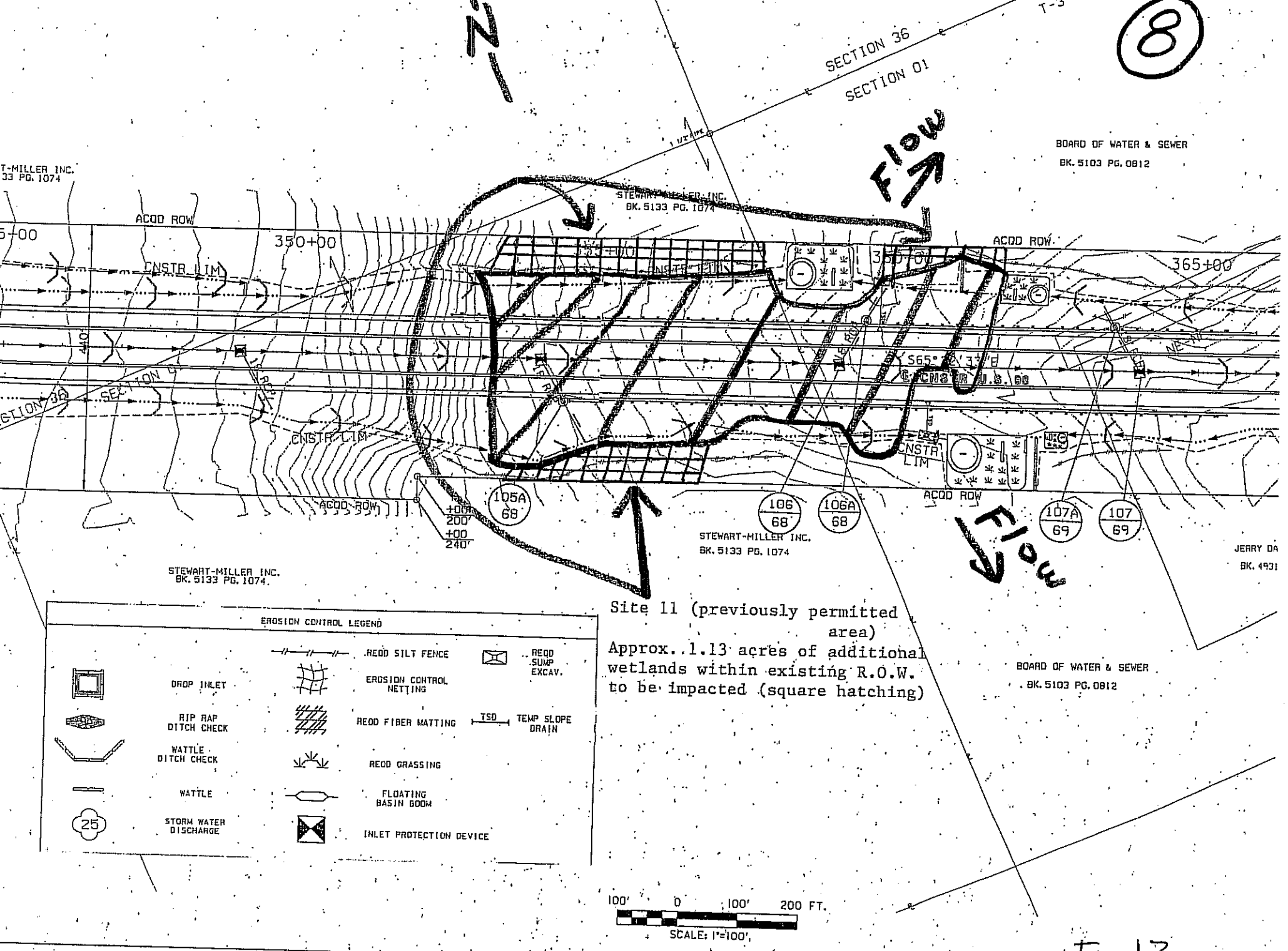
Fig. 10



Site 10A (not a previously permitted area)

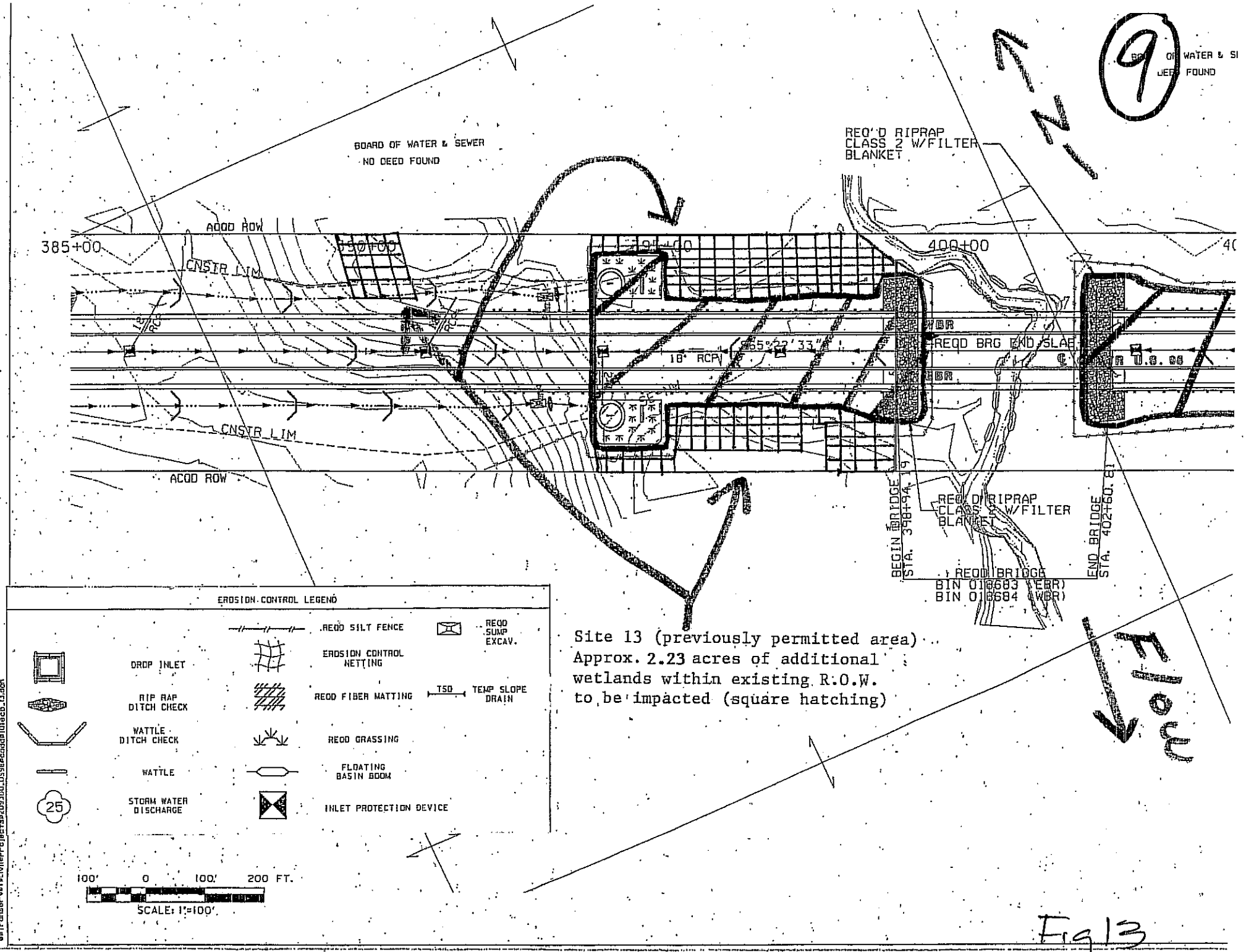
Approx. 0.21 acre of additional wetlands within existing R.O.W. to be impacted (square hatching)

Fig. 11



Site 11 (previously permitted area)
Approx. 1.13 acres of additional wetlands within existing R.O.W. to be impacted (square hatching)

Fig. 12



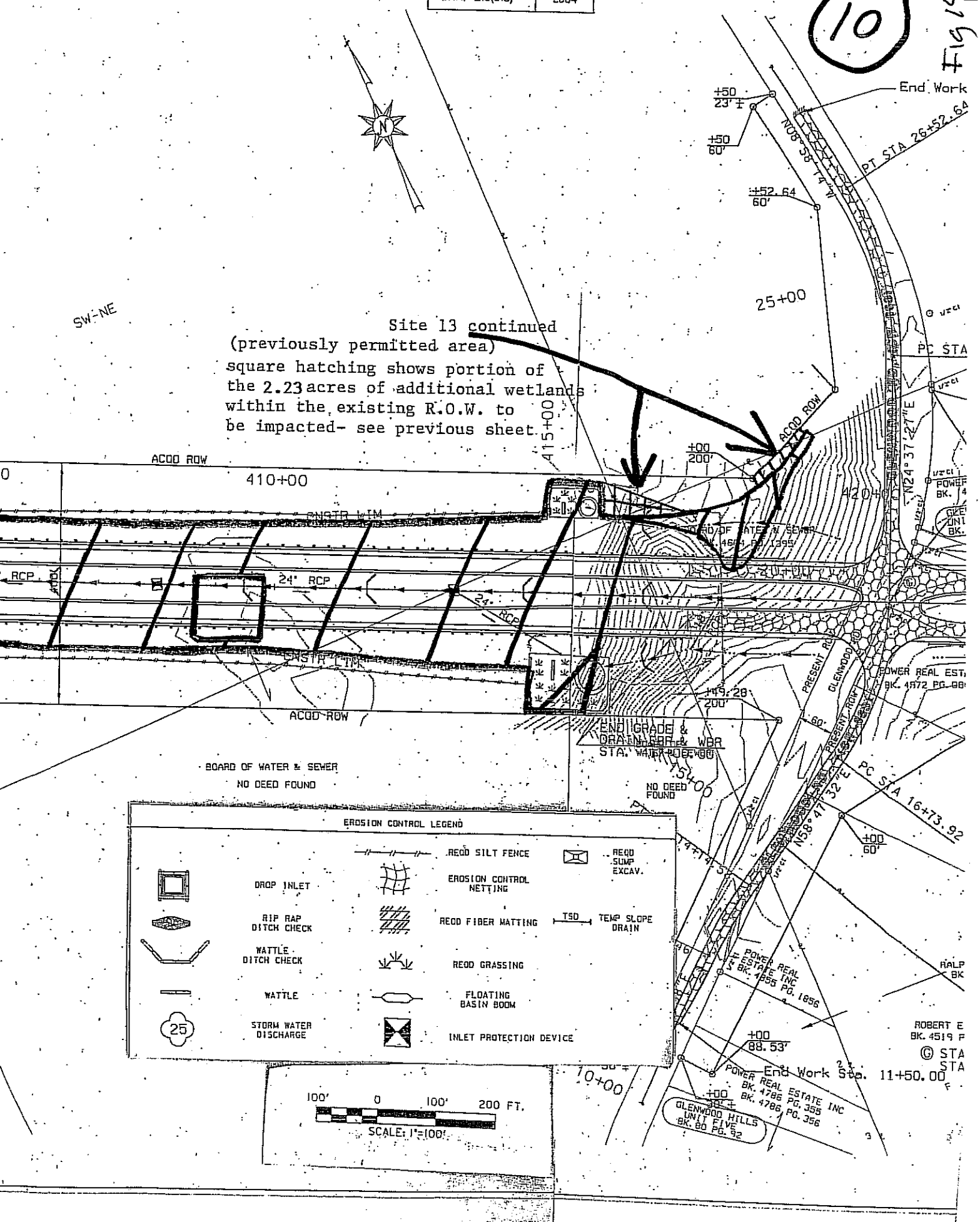
Site 13 (previously permitted area)
Approx. 2.23 acres of additional
wetlands within existing R.O.W.
to be impacted (square hatching)

Fig 13

REFERENCE PROJECT NO.	FISCAL YEAR
NHF-210(013)	2004

10

Fig 14



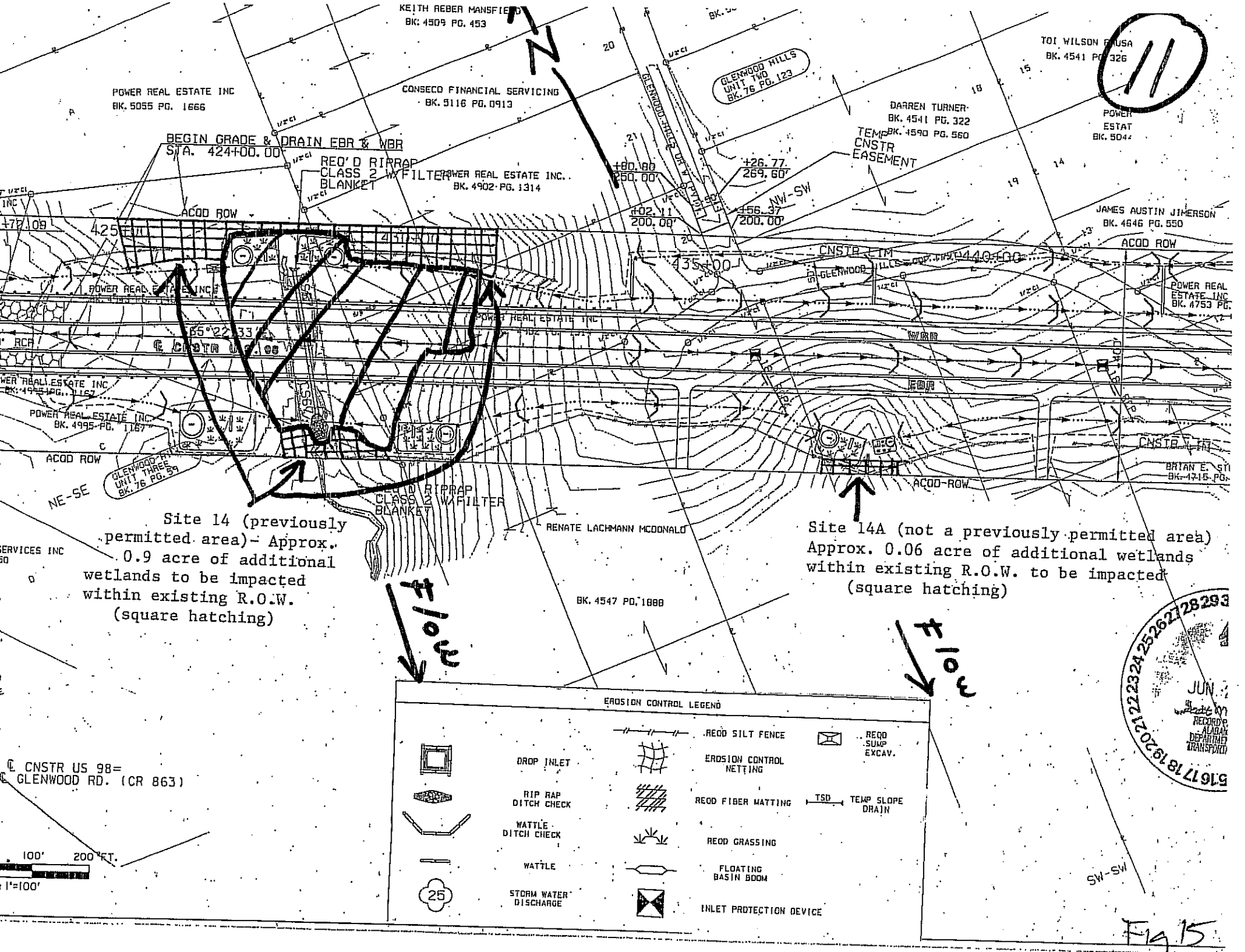
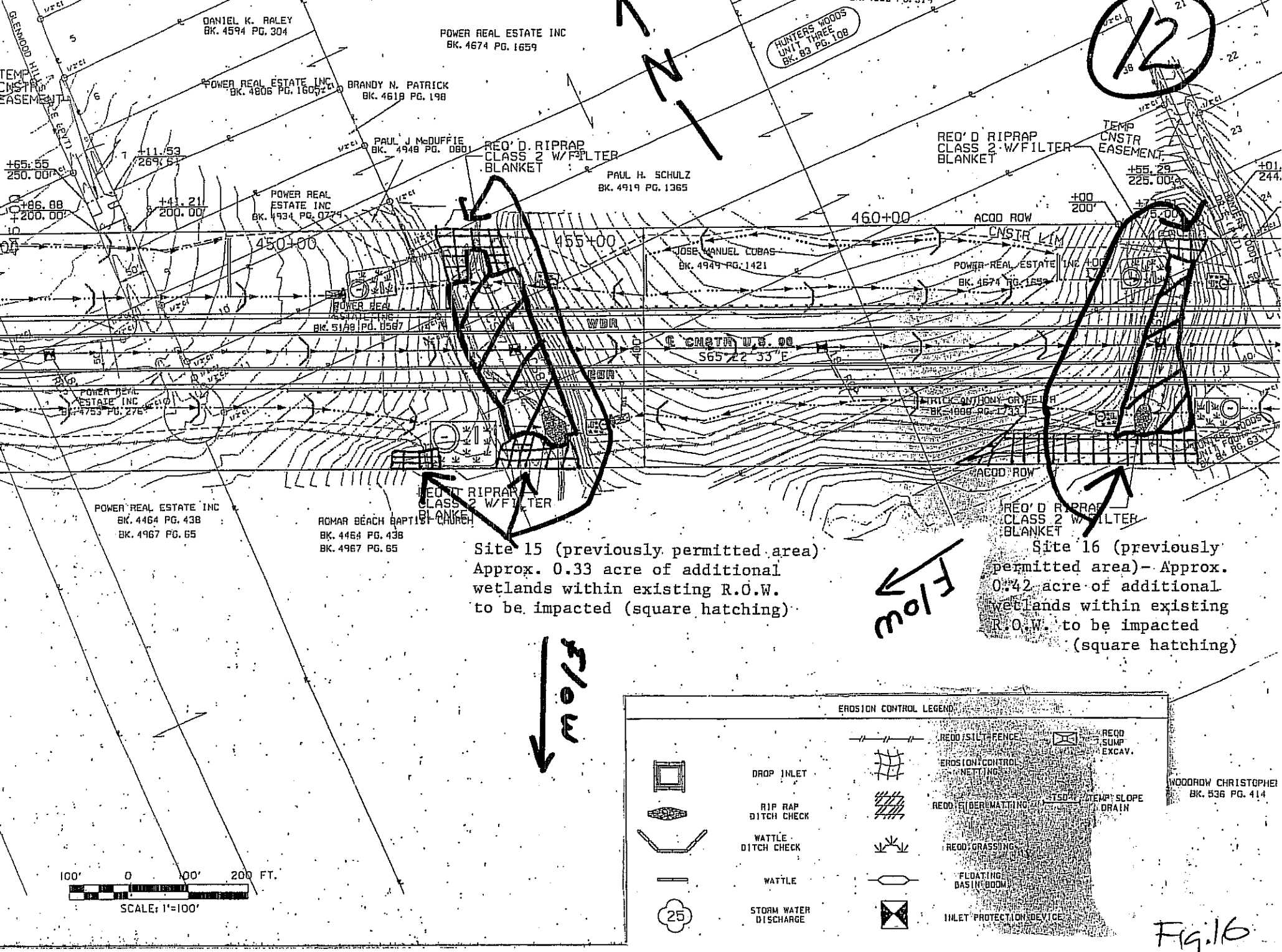
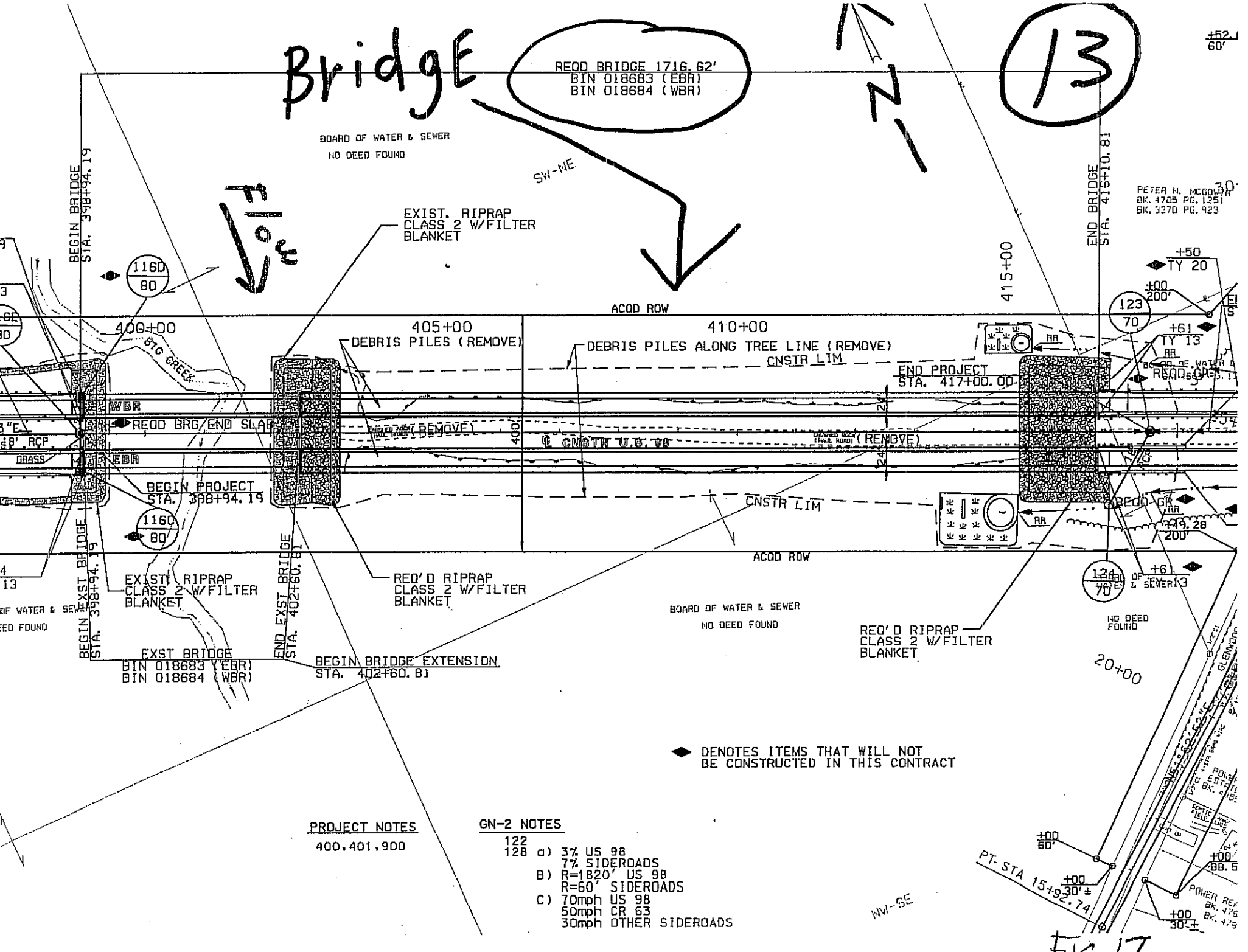

KEITH REBER MANSFIELD
BK. 4509 PG. 453
POWER REAL ESTATE INC
BK. 5055 PG. 1666
CONSECO FINANCIAL SERVICING
BK. 5116 PG. 0913
GLENWOOD HILLS UNIT TWO BK. 76 PG. 123
TOI WILSON RUSA
BK. 4541 PG. 326
DARREN TURNER
BK. 4541 PG. 322
BK. 4590 PG. 560
POWER ESTAT
BK. 5044
BEGIN GRADE & DRAIN EBR & WBR
STA. 424+00.00
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
POWER REAL ESTATE INC.
BK. 4902 PG. 1314
TEMP CNSTR EASEMENT
+80.80
250.00
+26.77
269.60
+02.11
200.00
+56.37
200.00
NW-SW
JAMES AUSTIN JIMERSON
BK. 4646 PG. 550
ACOD ROW
425+00
435+00
440+00
CNSTR LIM
POWER REAL ESTATE INC
BK. 4753 PG.
WBR
EBR
POWER REAL ESTATE INC
BK. 4995 PG. 1187
ACOD ROW
GLENWOOD HILLS UNIT THREE BK. 76 PG. 59
NE-SE
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
RENATE LACHMANN MCDONALD
BK. 4547 PG. 1888
BRIAN E. ST
BK. 4716 PG.
ACOD-ROW
Site 14 (previously permitted area)- Approx. 0.9 acre of additional wetlands to be impacted within existing R.O.W. (square hatching)
Site 14A (not a previously permitted area) Approx. 0.06 acre of additional wetlands within existing R.O.W. to be impacted (square hatching)
flow
flow
EROSION CONTROL LEGEND
REQD SILT FENCE
REQD SUMP EXCAV.
DROP INLET
EROSION CONTROL NETTING
RIP RAP DITCH CHECK
REQD FIBER MATTING
TSD
TEMP SLOPE DRAIN
WATTLE DITCH CHECK
REQD GRASSING
WATTLE
FLOATING BASIN BOOM
25
STORM WATER DISCHARGE
INLET PROTECTION DEVICE
℄ CNSTR US 98=
℄ GLENWOOD RD. (CR 863)
100'
200 FT.
1"=100'
SW-SW
JUN
RECORDER
ALABAMA DEPARTMENT TRANSPORTATION

Fig 15



12
N
DANIEL K. RALEY
BK. 4594 PG. 304
POWER REAL ESTATE INC
BK. 4674 PG. 1659
HUNTERS WOODS UNIT THREE BK. 83 PG. 108
POWER REAL ESTATE INC
BK. 4806 PG. 1605
BRANDY N. PATRICK
BK. 4618 PG. 198
PAUL J McDUFFIE
BK. 4948 PG. 0801
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
PAUL H. SCHULZ
BK. 4919 PG. 1365
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
TEMP CNSTR EASEMENT
POWER REAL ESTATE INC
BK. 4934 PG. 0779
450+00
455+00
460+00
ACQD ROW
CNSTR LIM
JOSE MANUEL COBAS
BK. 4949 PG. 1421
POWER REAL ESTATE INC
BK. 4674 PG. 1659
POWER REAL ESTATE INC
BK. 5198 PG. 0567
WDR
℄ CNSTR U.S. 98
S65°22'33"E
EBR
POWER REAL ESTATE INC
BK. 4753 PG. 276
TRICK ANTHONY GRIFFITH
BK. 4888 PG. 1733
ACQD ROW
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
REQ'D RIPRAP CLASS 2 W/FILTER BLANKET
POWER REAL ESTATE INC
BK. 4464 PG. 438
BK. 4967 PG. 65
ROMAR BEACH BAPTIST CHURCH
BK. 4464 PG. 438
BK. 4967 PG. 65
Site 15 (previously permitted area) Approx. 0.33 acre of additional wetlands within existing R.O.W. to be impacted (square hatching)
Site 16 (previously permitted area)- Approx. 0.42 acre of additional wetlands within existing R.O.W. to be impacted (square hatching)
Flow
Flow
EROSION CONTROL LEGEND
DROP INLET
RIP RAP DITCH CHECK
WATTLE DITCH CHECK
WATTLE
STORM WATER DISCHARGE
REQD SILT FENCE
EROSION CONTROL NETTING
REQD FIBER MATTING
REQD GRASSING
FLOATING BASIN BOOM
INLET PROTECTION DEVICE
REQD SUMP EXCAV.
TEMP SLOPE DRAIN
WOODROW CHRISTOPHER
BK. 536 PG. 414
100' 0 100' 200 FT.
SCALE: 1"=100'

Fig. 16



PROJECT NOTES

400,401,900

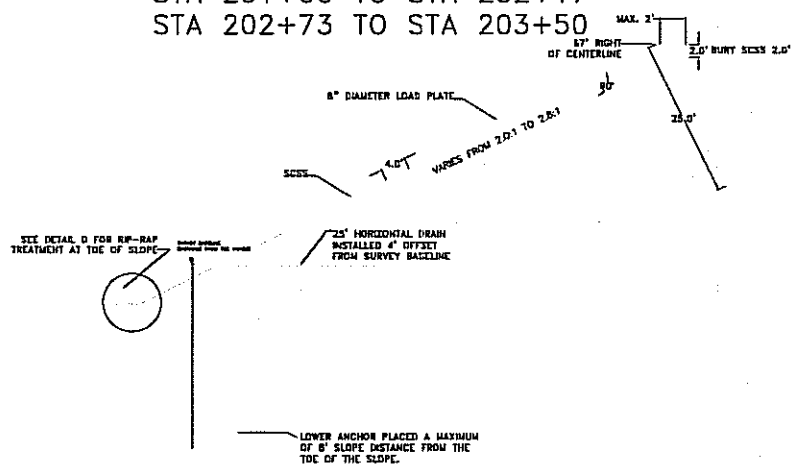
GN-2 NOTES

122
128 a) 3% US 98
7% SIDEROADS
B) R=1820' US 98
R=60' SIDEROADS
C) 70mph US 98
50mph CR 63
30mph OTHER SIDEROADS

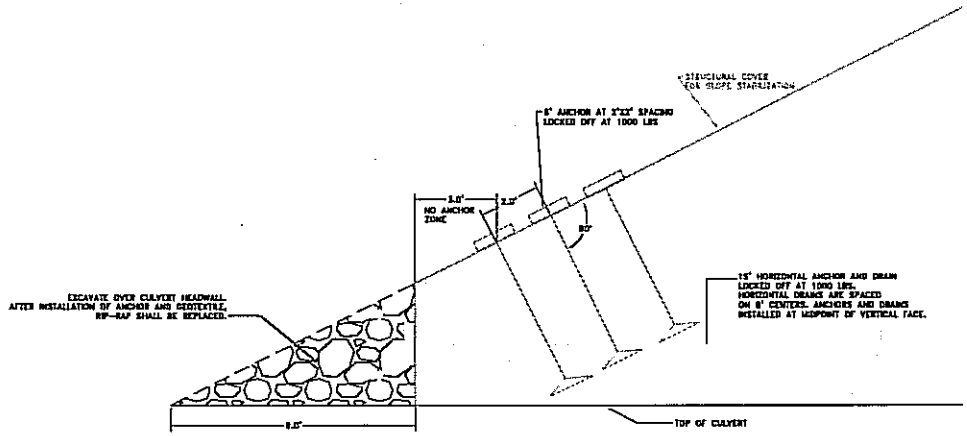
Fig 17

DEMONSTRATION AREA 1
WORK ZONE FROM
STATION 201+00 TO STATION 203+50
RIGHT OF CENTERLINE

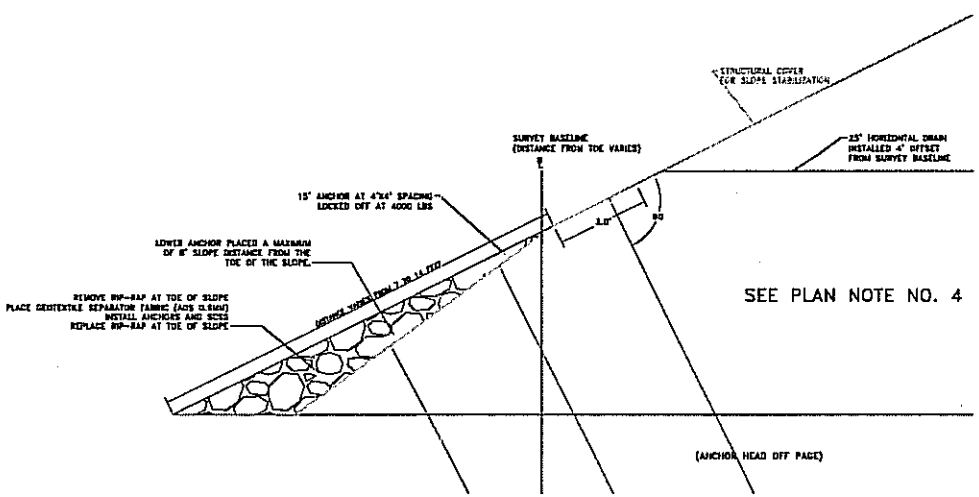
DETAIL C
STA 201+00 TO STA 202+17
STA 202+73 TO STA 203+50



DETAIL E
TREATMENT OVER HEADWALL



DETAIL D



SEE PLAN NOTE NO. 4

TTL	DEMONSTRATION AREA 1
	ALABAMA DEPARTMENT OF TRANSPORTATION ALDOT Project No. NHF-0042(501) Relocation of US 90 from Mississippi Line to 2500 Feet East of CR 803 Mobile County
	AS SHOWN / 100128-008
TTL INC.	
04/04/2008 / TLB / MS	
4	Edward D. Prescott, P.E. GEOTECHNICAL ENGINEER

Fig. 18