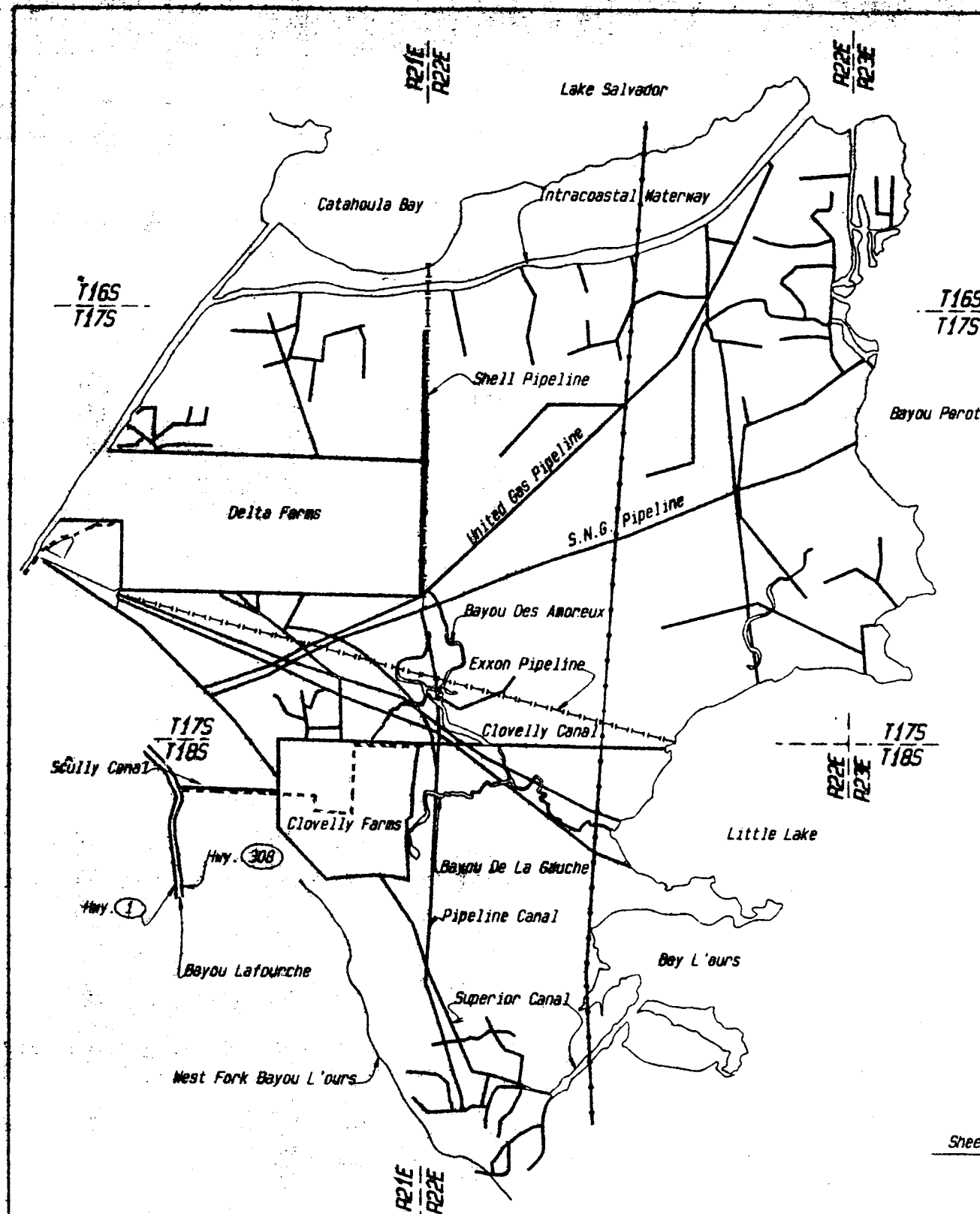


West Fork Bayou L'Ours Watershed
 Project BA-2, Construction Unit 1
 Built Under The Coastal Wetlands, Planning,
 Protection & Restoration Act
 Public Law 101-646

By
 Lafourche Parish Council
 Lafourche - Terrebonne Soil & Water Conservation District
 Louisiana Department Of Natural Resources
 With The Assistance Of
 NATURAL RESOURCES CONSERVATION SERVICE
 OF THE
 U. S. DEPARTMENT OF AGRICULTURE
 1996

"AS-BUILT PLANS"
 SUBMITTED BY: *David Adams* DATE: 11/19/97
 APPROVED BY: *David Adams* DATE: 12/15/97
 ENGINEER: *David Adams* DATE: 12/15/97
 STATE CONSERVATION ENGINEER

LEGEND

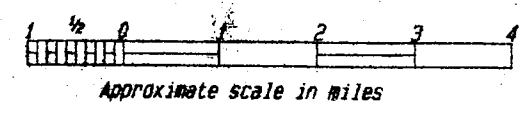
- State Highway
- Unimproved Road
- Township / Range Line
- Parish Line
- Pipeline
- Aerial Power Lines
- Canals (Existing)
- Section/Page Section Was Taken
- Section/Page Section Is Shown



INDEX TO DRAWINGS

Sheet No.	Description
1	Cover Sheet & Location Map
2	Access Location Map
3-4	Land Rights Work Map
5-7	Details - Rock Weirs (Sites 2, 4, & 7)
8-10	Details - Plug With Culvert (Site 9)
11-12	Details - Channel Plugs (Sites 8 & 43)
13-21	Details - Fixed And Variable Crest Weirs (Sites 11 & 25)
22-23	Details - Warning Sign and Pipe Fence

LOCATION MAP

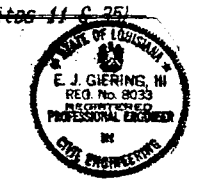


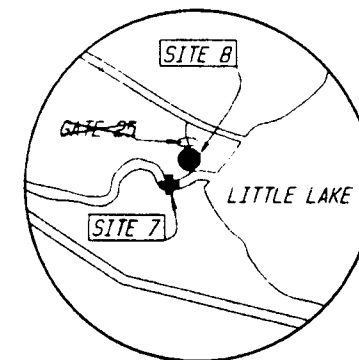
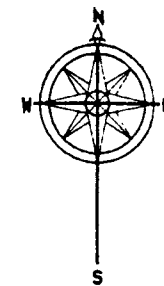
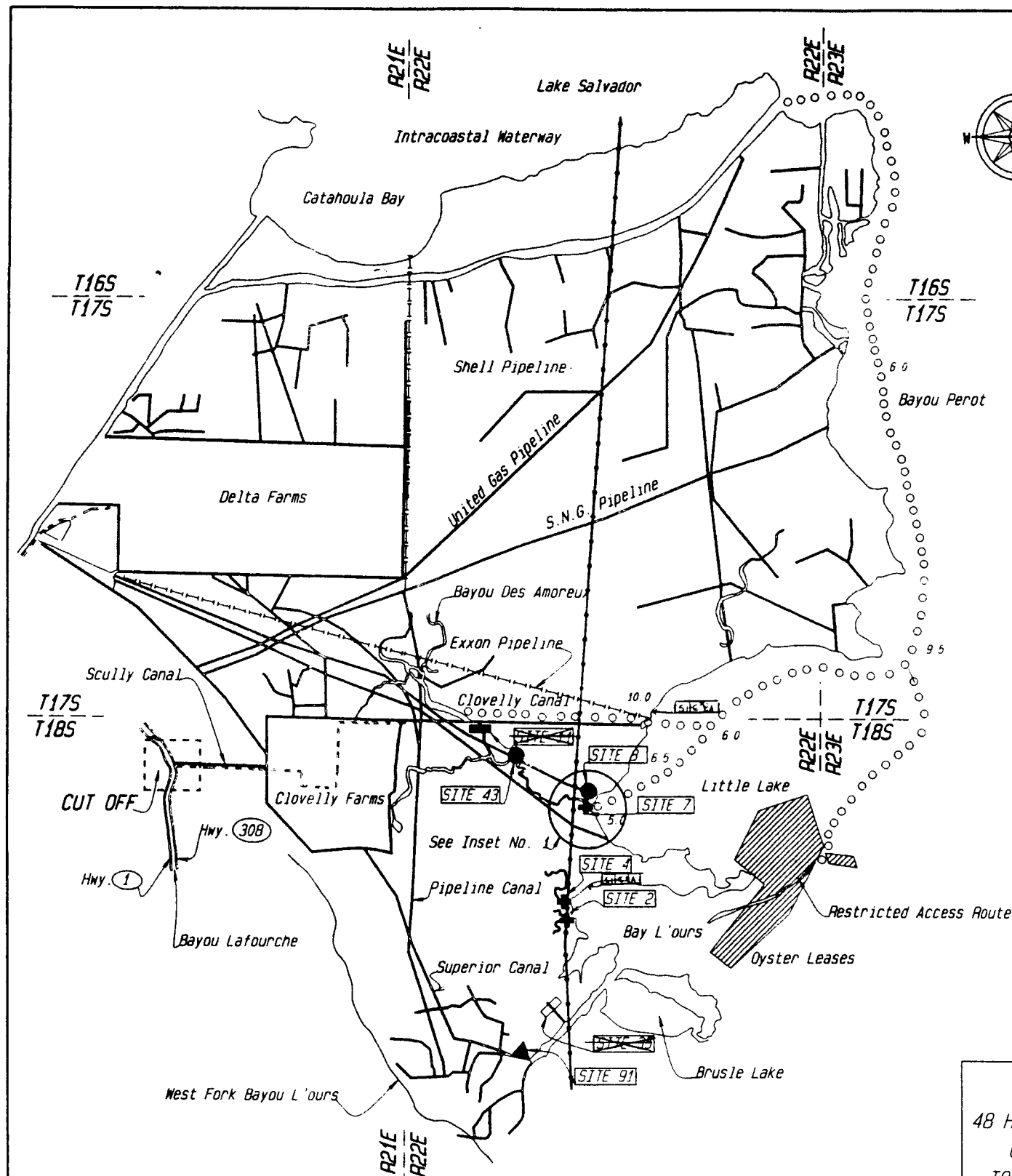
"AS-BUILT"

CONSTRUCTION DRAWINGS APPROVED

David Adams 11-1-96

1 of 23 LA. 249





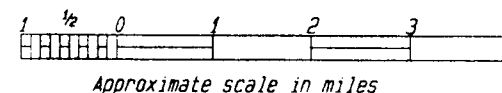
LEGEND

- Pipeline
- 0.0 — Average Available Draft
- oooo — Proposed Access Route
- Township/Range Line
- == Existing Channel
- SITE NO. — Site Number
- ▲ Proposed Channel Plug w/ Culvert
- ✚ Proposed Rock Weir
- Proposed Fixed Crest Weir
- Proposed Variable Crest Weir
- Proposed Channel Plug

NOTICE:
48 HOURS BEFORE MOBILIZING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

NOTE: Intracoastal Waterway meets or exceeds draft depths within project area.

LOCATION MAP

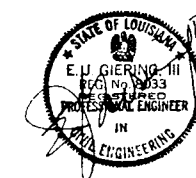


NOTE:
Known pipelines and utilities are shown on the plans. However, it is possible that some may exist that have not been shown. The contractor shall be on the alert for such pipelines and utilities, and shall report them immediately to the Contracting Officer.

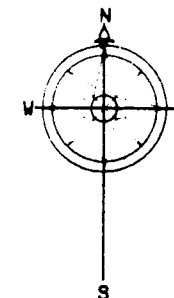
"AS-BUILT"

ACCESS LOCATION MAP
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE



Designed by	7/92	Checked by	STATE CONSERVATION ENGINEER
Drafted by	8/92	Reviewed by	ALEXANDRIA, LOUISIANA
Drawn by		Approved by	
Reviewed by		Project No.	LA. 249



- ① GENERAL SERVICES LTD & LITTLE LAKE LAND CO.
- ② LA DELTA FARMS
- ③ JAMES PELTIER et als
- ④ ADA SABATIER et als
- ⑤ OVIDE CHERAMIE ESTATE

NOTE:

THE SERVICE DOES NOT GUARANTEE THE COMPLETENESS AND ACCURACY OF OWNERSHIP SHOWN. APPARENT OWNERSHIP HAS BEEN OBTAINED FROM MAPS IN THE OFFICE OF PARISH CLERK OF COURT OR TAX ASSESSOR. WHERE AN APPARENT PROPERTY LINE IS SHOWN NEAR THE CENTERLINE OF A CHANNEL, ITS LOCATION IS NOT DEFINITE.

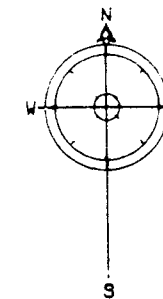
"AS-BUILT"

LAND RIGHTS MAP
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU LOUISIANA WATERSHED
LAFOURCHE PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Designed by	T. H. HUNT	Date	12/2/81
Drawn by	J. H. HUNT	Date	12/2/81
Checked by		Date	
Approved by		Date	





- ① GENERAL AG SERVICES & LITTLE LAKE LAND CO.
- ② ALLAIN - LEBRETON CO.
- ③ JAMES PELTIER et als
- ④ WARREN BARKER JR. et als
- ⑤ EXXON CORPORATION

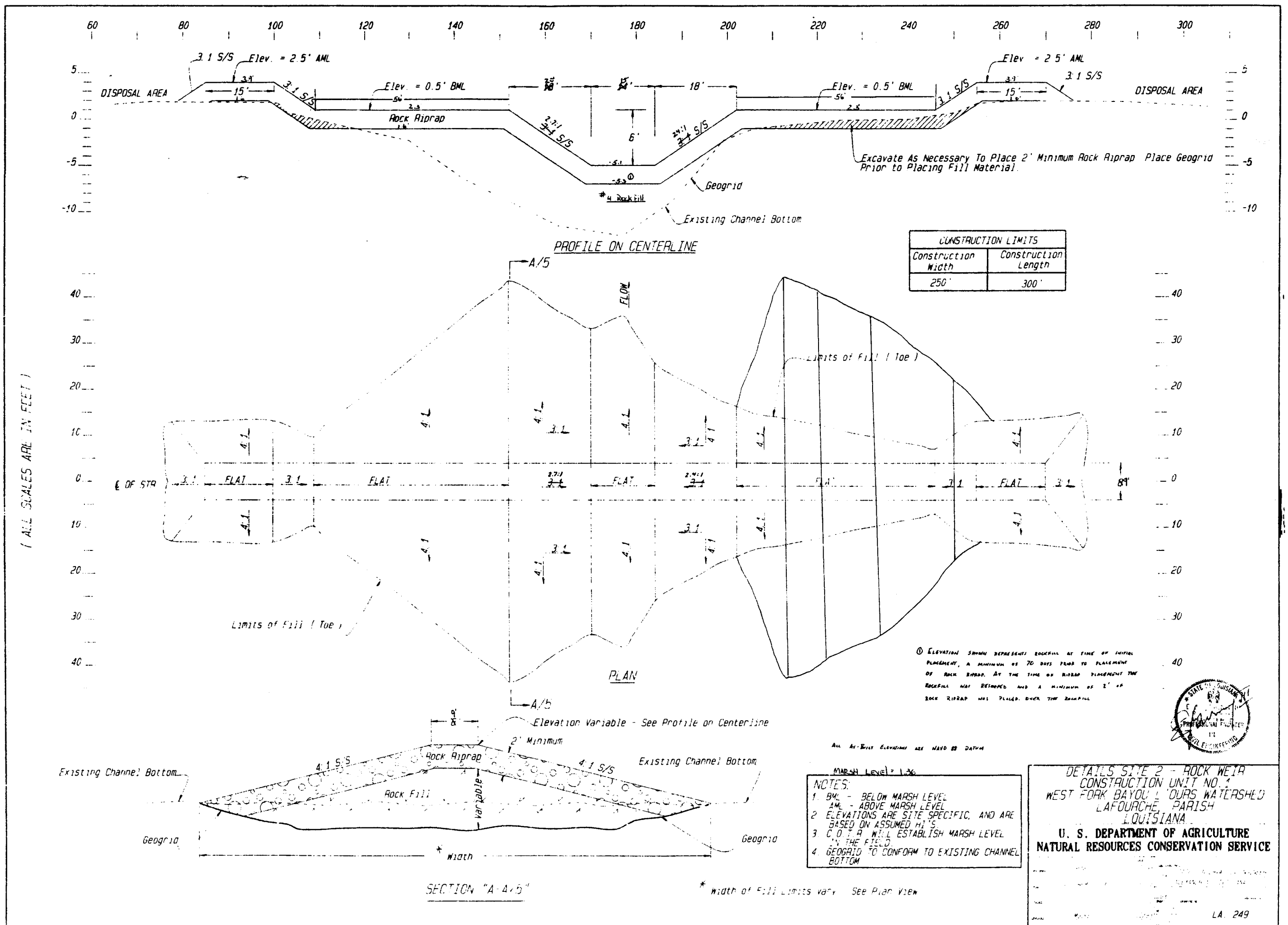
NOTE:
THE SERVICE DOES NOT GUARANTEE THE COMPLETENESS
AND ACCURACY OF OWNERSHIP SHOWN. APPARENT
OWNERSHIP HAS BEEN OBTAINED FROM MAPS IN THE
OFFICE OF PARISH CLERK OF COURT OR TAX ASSESSOR
WHERE AN APPARENT PROPERTY LINE IS SHOWN NEAR
THE CENTERLINE OF A CHANNEL, ITS LOCATION IS NOT
DEFINITE.

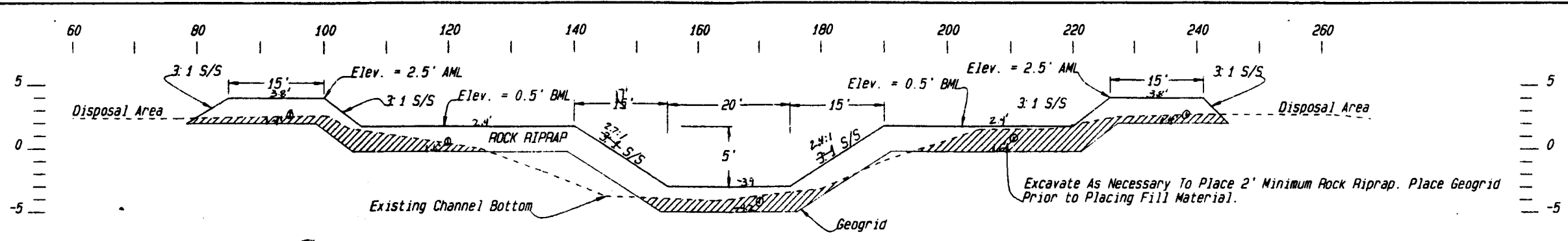
"AS-BUILT"

LAND RIGHTS MAP
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Designed by	C. H. HARRIS	Date	11/83	Approved by	STATE CONSERVATION BUREAU
Drawn by	A. G. HARRIS	Date	08/83	Checked by	ALEXANDER HARRIS
Titled		Sheet		Drawing No.	
Checked		Map		LA. 249	

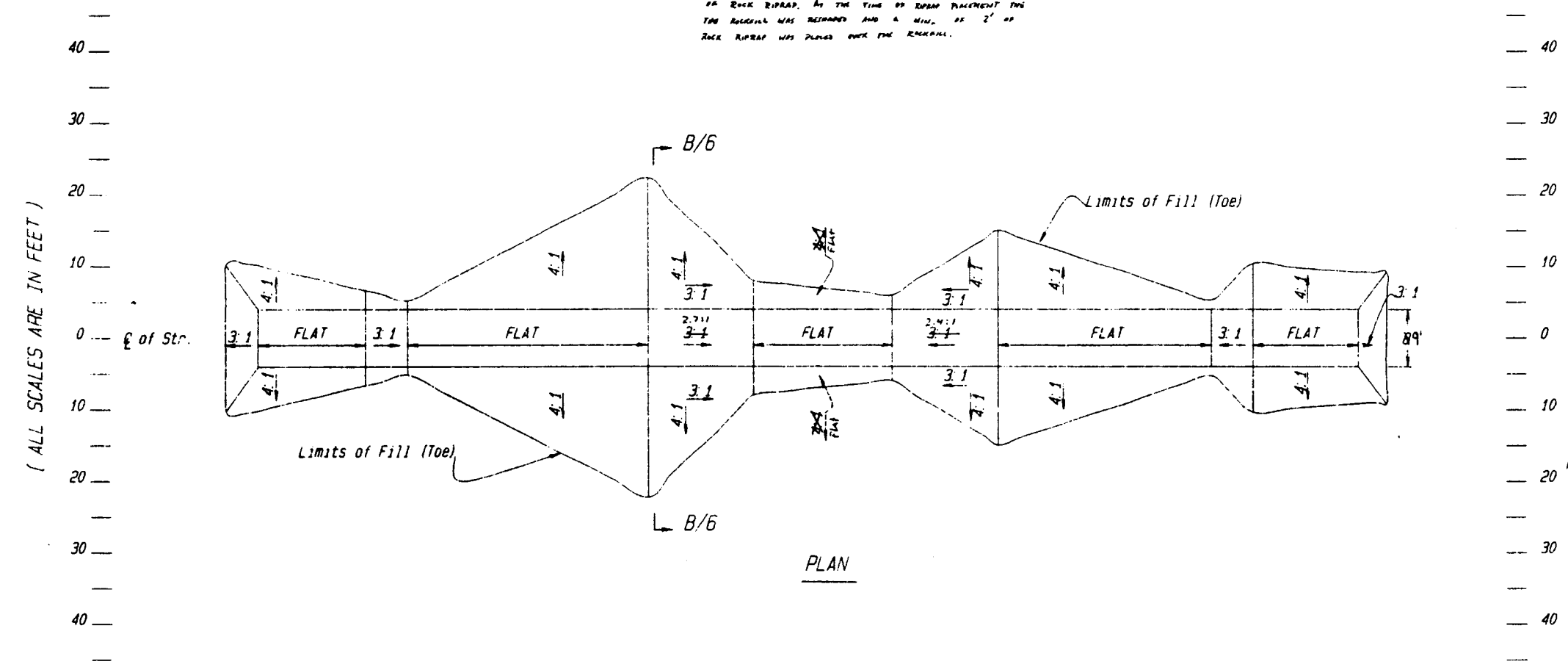




PROFILE ON CENTERLINE

① ELEVATIONS SHOWN REPRESENTS RELIEF AT TIME OF INITIAL PLACEMENT, A MIN. OF 70 DAYS PRIOR TO PLACEMENT OF ROCK RIPRAP. AT THE TIME OF RIPRAP PLACEMENT THE TOP RELIEF WAS RETAINED AND A MIN. OF 2' OF ROCK RIPRAP WAS PLACED OVER THE RELIEF.

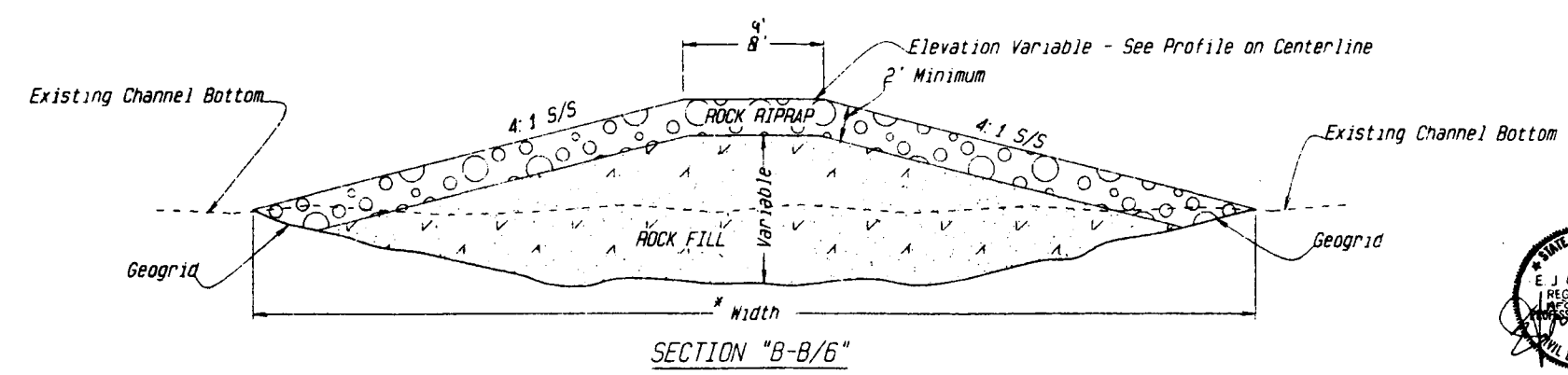
CONSTRUCTION LIMITS	
Construction Width	Construction Length
250'	300'



PLAN

NOTES:

1. BML - BELOW MARSH LEVEL
AML - ABOVE MARSH LEVEL
2. ELEVATIONS ARE SITE SPECIFIC, AND ARE BASED ON ASSUMED HI'S.
3. C.O.T.R. WILL ESTABLISH MARSH LEVEL IN THE FIELD.
4. GEOGRID TO CONFORM TO EXISTING CHANNEL BOTTOM.



SECTION "B-B/6"

"AS-BUILT"

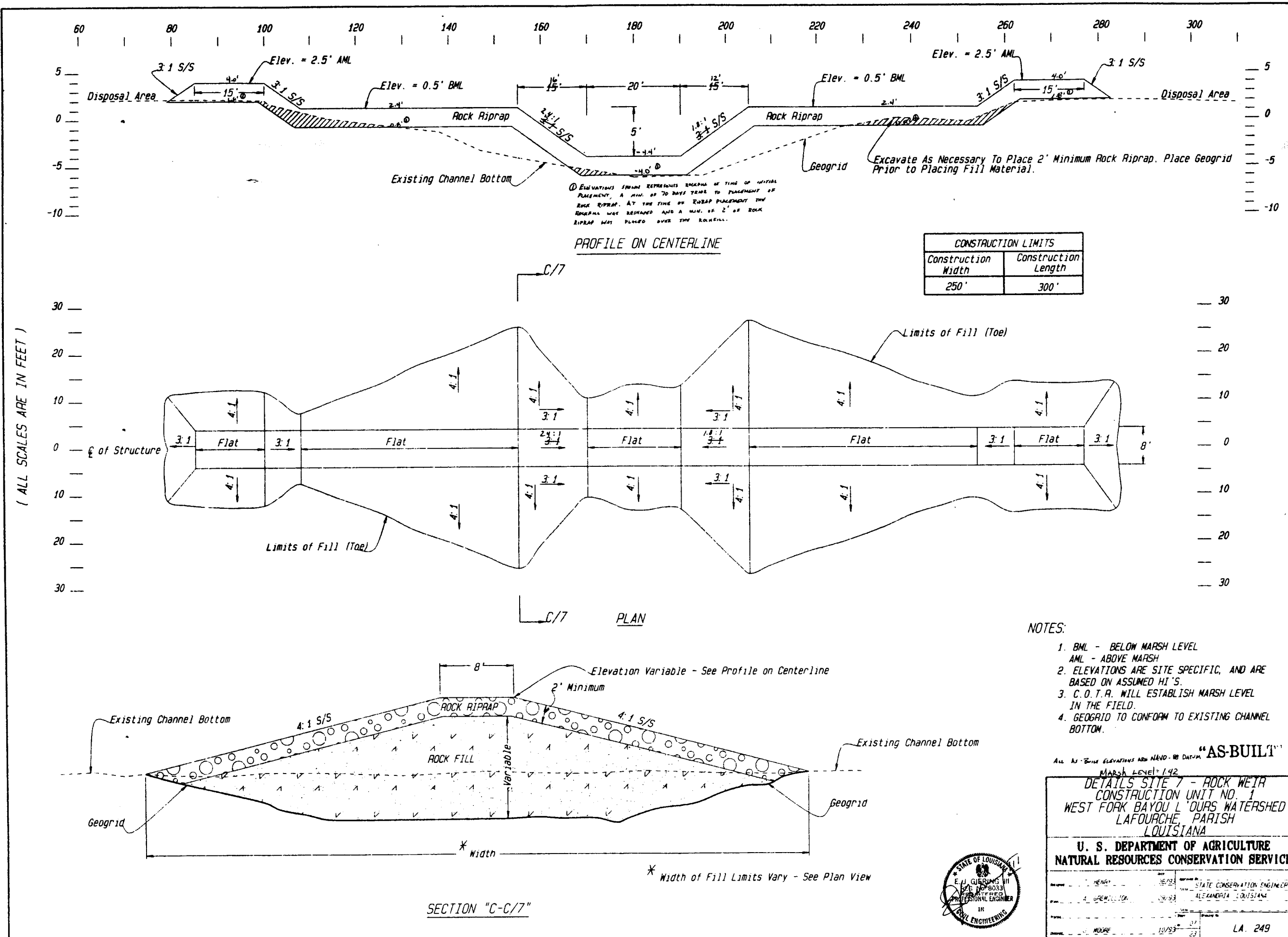
All As-Built Elevations are NAVD-83 DATUM

MARSH LEVEL = 1.35
DETAILS SITE 4 - ROCK WEIR
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE, PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE



Drawn by	1. MEYER	Date	09/97	Reviewed by	STATE CONSERVATION ENGINEER
Checked by	A. GRAMMELIN	Date	09/97	Reviewed by	ALEXANDRIA, LOUISIANA
Project No.	LA 249	Sheet No.	23	Project Name	LA 249



NOTES:

1. BML - BELOW MARSH LEVEL
AML - ABOVE MARSH
2. ELEVATIONS ARE SITE SPECIFIC, AND ARE BASED ON ASSUMED H₁'S.
3. C.O.T.R. WILL ESTABLISH MARSH LEVEL IN THE FIELD.
4. GEOGRID TO CONFORM TO EXISTING CHANNEL BOTTOM.

ALL AS-BUILT ELEVATIONS ARE NAVD-83 DATUM "AS-BUILT"

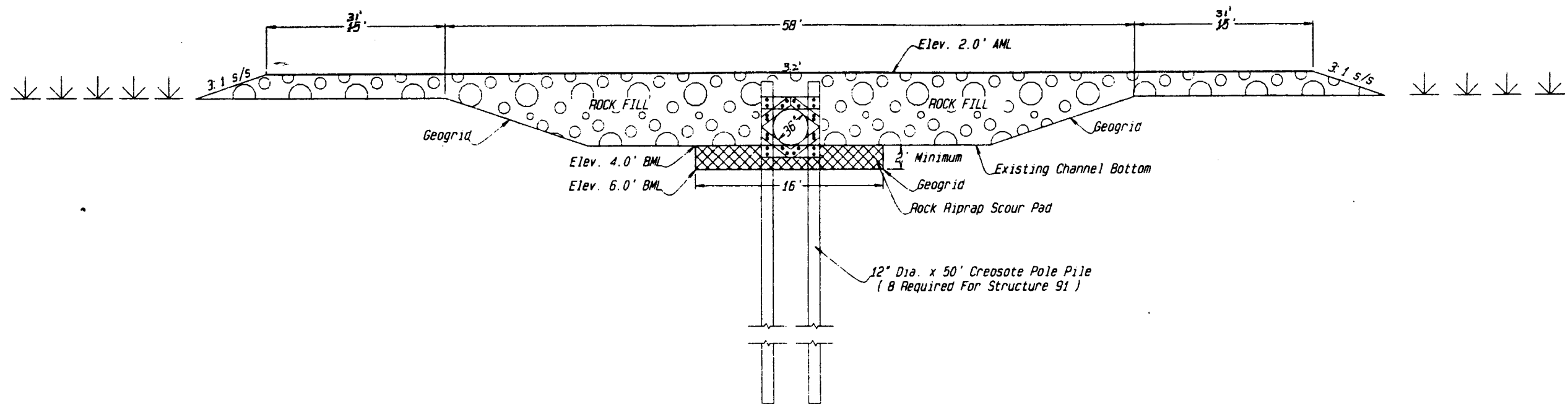
DETAILS SITE 7 - ROCK WEIR
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE, PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE



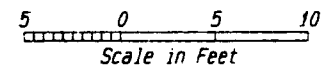
DESIGNED BY	HECK	DATE	10/93	CHECKED BY	STATE CONSERVATION ENGINEER
DRAWN BY	MOORE	DATE	10/93	IN CHARGE	ALEXANDRIA, LOUISIANA
PROJECT NO.	LA 249				





SECTION D-D/B

Site 91

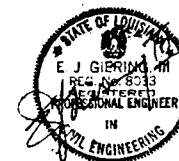


- NOTES: All As-Built Elevations and NAVD-88 Datum
- Marsh Level = 1.17
- (1) Type I (helical corrugations) pipe shall have ends reformed to annular corrugations. The reformed annular corrugations shall have the same pitch and depth as the helical corrugations.
 - (2) Anchor Geogrid As Per Manufacturers Recommendation.

"AS-BUILT"

PLUG W/CULVERT DETAILS - SITE 91
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE



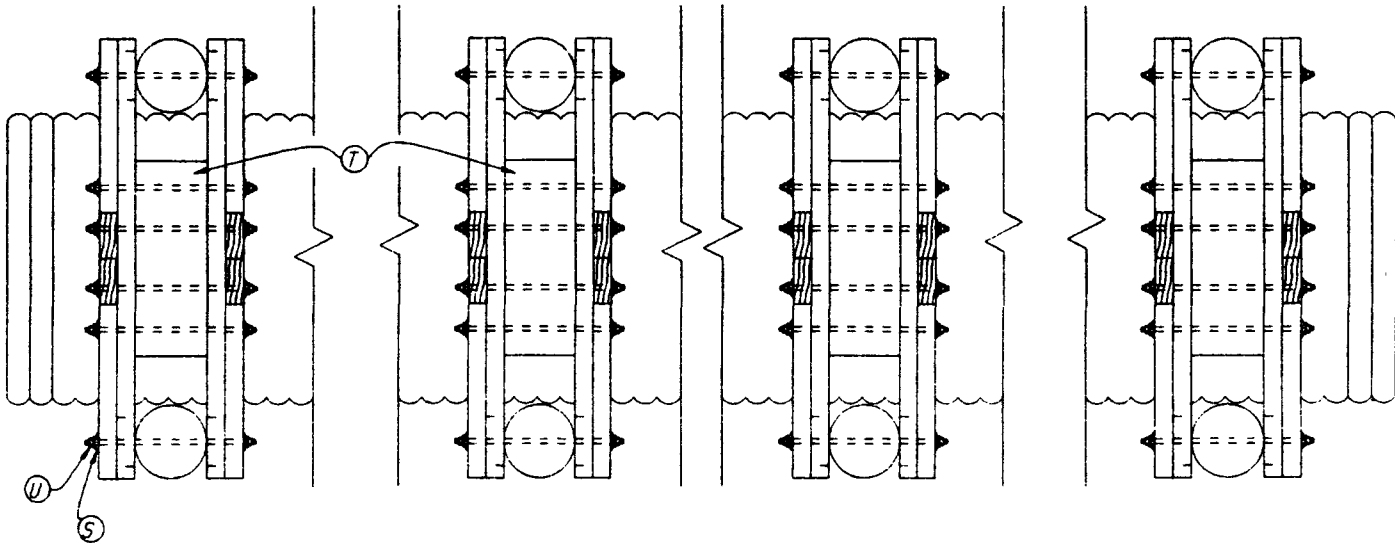
DESIGNED BY	HEWITT	DATE	08/92	CHECKED BY	STATE CONSERVATION ENGINEER
DRAWN BY	GHEMILLON	DATE	02/94	IN CHARGE	ALABAMA, LOUISIANA
SCALE		DATE	09/94	PROJECT NO.	LA. 249
DATE	03/94	BY	03/94		

	Item	Number	Length
①	12" CRESOTE POLE PILE	8	50'
②	3"x12" TIMBER (NOMINAL)	16	60"
③	3"x8" TIMBER (NOMINAL)	48	VARIABLE
④	3/4" DIA. BOLT (ALL THREAD)	96	30"
⑤	0.6 WASHERS FOR 3/4" DIA. BOLTS	192	-
⑥	FLAT WASHERS FOR 3/4" DIA. BOLTS	192	-
⑦	12"x12" TIMBER BLOCKING SPACER	8	24"
⑧	NUTS FOR 3/4" DIA. BOLTS	192	-

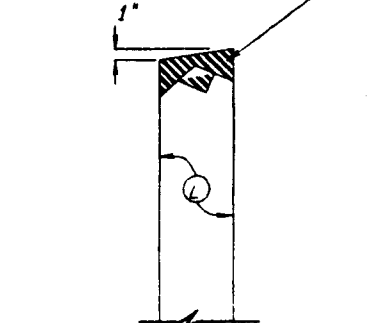
TABLE 1
(PIPE SUPPORT FOR 36" DIA. PIPE)

NOTES:

1. ALL METAL HARDWARE (TANK RODS, NUTS, BOLTS, WASHERS, LUGS, ETC.) SHALL BE GALVANIZED AND CONFORM TO MATERIAL SPECIFICATIONS 581 AND 582.
2. PAINT ALL EXPOSED METAL WITH COAL TAR EPOXY.



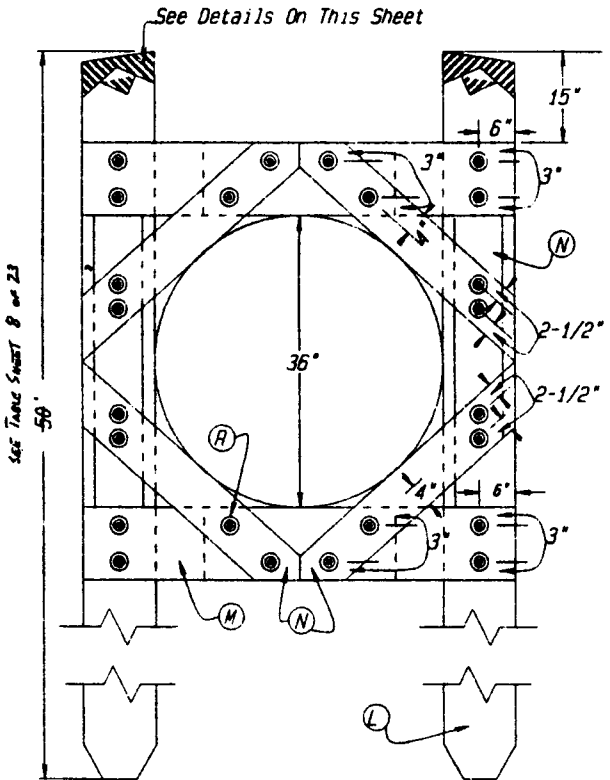
24"x24"x26 ga. Galvanized Flashing
(Attach Using Galvanized Nails)



DETAILS OF SHEET METAL CAP
(Not to Scale)

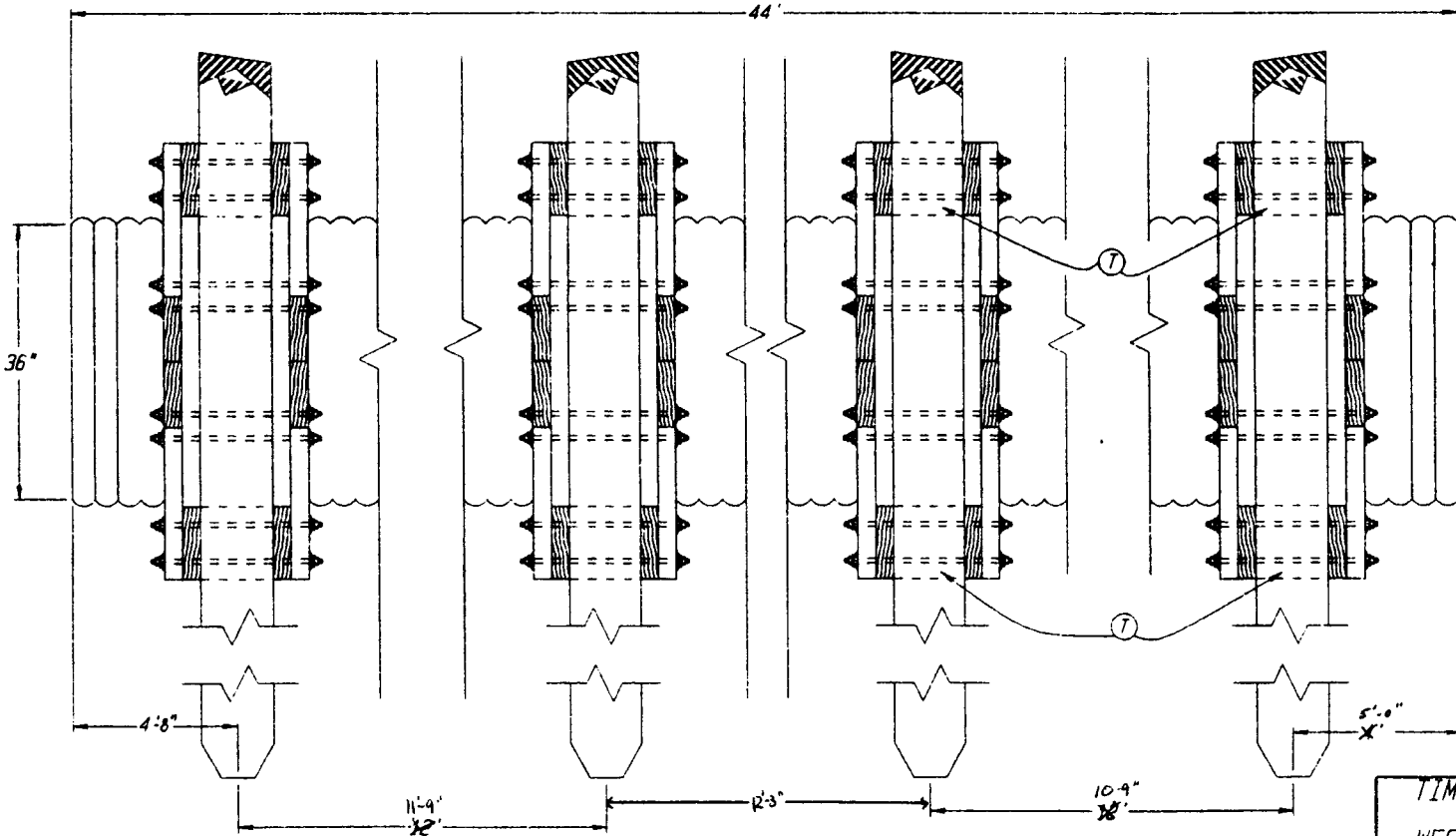
PLAN VIEW

Dimensions For Pipe Support are Symetrical Along Vertical Axis



END VIEW

(Not To Scale)



ELEVATION VIEW

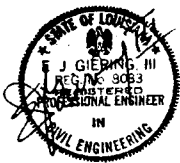
(Not To Scale)

Aluminum Flap Gate To Be Attached

"AS-BUILT"

TIMBER SUPPORT DETAILS - SITE 91
CONSTRUCTION UNIT NO. 1
WEST FORK BAYOU L'OURS WATERSHED
LAFOURCHE, PARISH
LOUISIANA

U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE



Drawn by	J. MOORE	Date	12/93	Check by	J. MOORE	Date	12/93
Scale	10	Sheet	2	Project No.	LA 249	Drawn by	J. MOORE

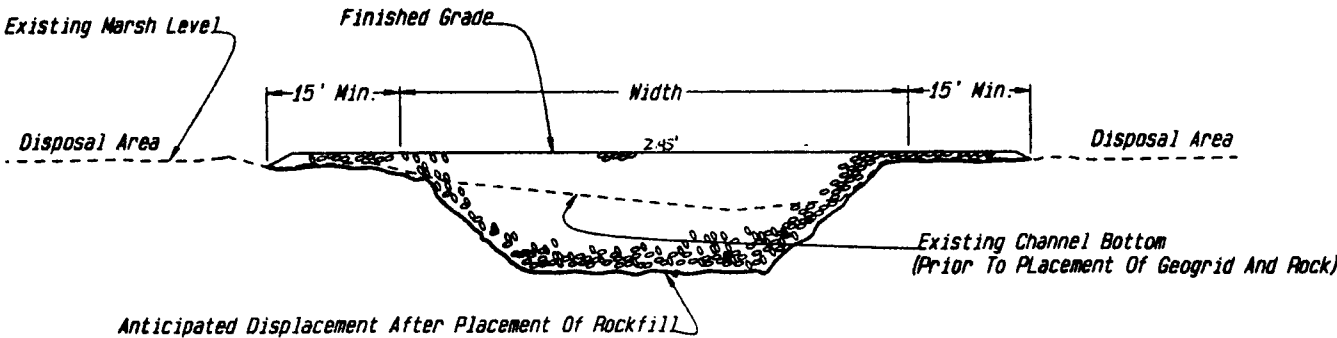
CHANNEL PLUG SCHEDULE

SITE NO.	WIDTH	M ₁	ESTIMATED QUANTITIES (TONS)	CONSTRUCTION LIMITS		REMARKS
				C.W.	C.L.	
8	50'	ROCKFILL	415	130'	200'	1/
43	35'	ROCKFILL	305	130'	250'	1/

1/ SITE NOT LOCATED ON A KNOWN PIPELINE.

SITE NUMBER	D1	D2	D3	D4
8	50	54	15	20
43	33	34	15	20

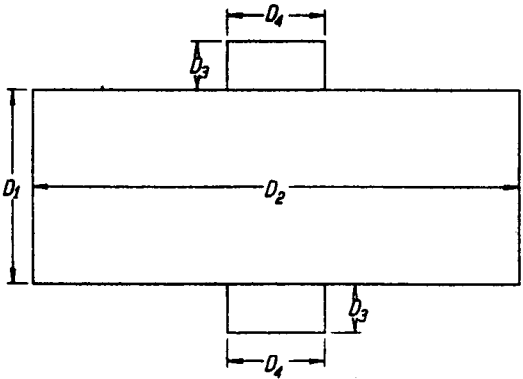
TABLE 2



SECTION F - F/11-TYPICAL CHANNEL PLUG

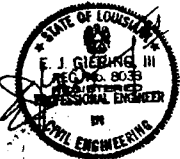
NOTES:

- SEE SHEET 11 OF 23 FOR TYPICAL SECTION ON CHANNEL PLUG.
- EXCAVATE AS NECESSARY TO PLACE TWO FEET MINIMUM ROCKFILL. PLACE GEOGRID BEFORE PLACING ROCKFILL.



TYPICAL GEOGRID DETAIL

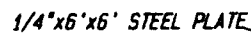
"AS-BUILT"



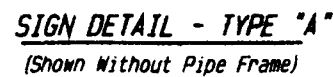
NOT TO SCALE

PLUG SCHEDULE, DETAILS SITES 8 & 43			
CONSTRUCTION UNIT NO. 1			
WEST FORK BAYOU L'OURS WATERSHED			
LAFOURCHE PARISH			
LOUISIANA			
U. S. DEPARTMENT OF AGRICULTURE			
NATURAL RESOURCES CONSERVATION SERVICE			
APPROVED BY	DATE	APPROVED BY	DATE
T. HENRY	10/93	STATE CONSERVATION ENGINEER	
A. GREHILLTON	10/93	ALEXANDRIA, LOUISIANA	
J. MOORE	10/93		
SHEET 12		SHEET 23	
LA. 249			

3" Radius
1" Radius



Anticipated Settlement



(SEE TABLE 6 AND 7 ON THIS SHEET FOR DIMENSIONS)



The Signs Shall Not Be Attached To The Sign Support Prior To The Final Fill Placement.



1/4" STEEL PLATE

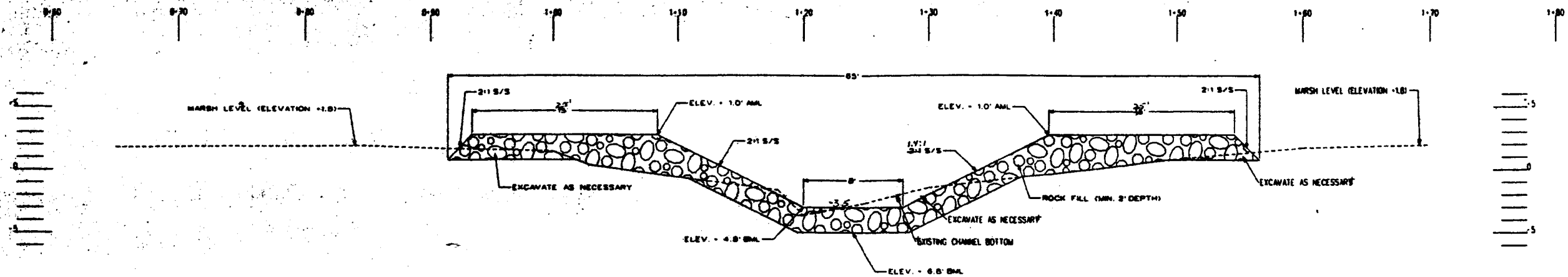
(TYPE "B" SIGN PLACEMENT)

NOTE: ALL AS-BUILT ELEVATIONS ARE NAD-83 DATUM

"AS-BUILT"

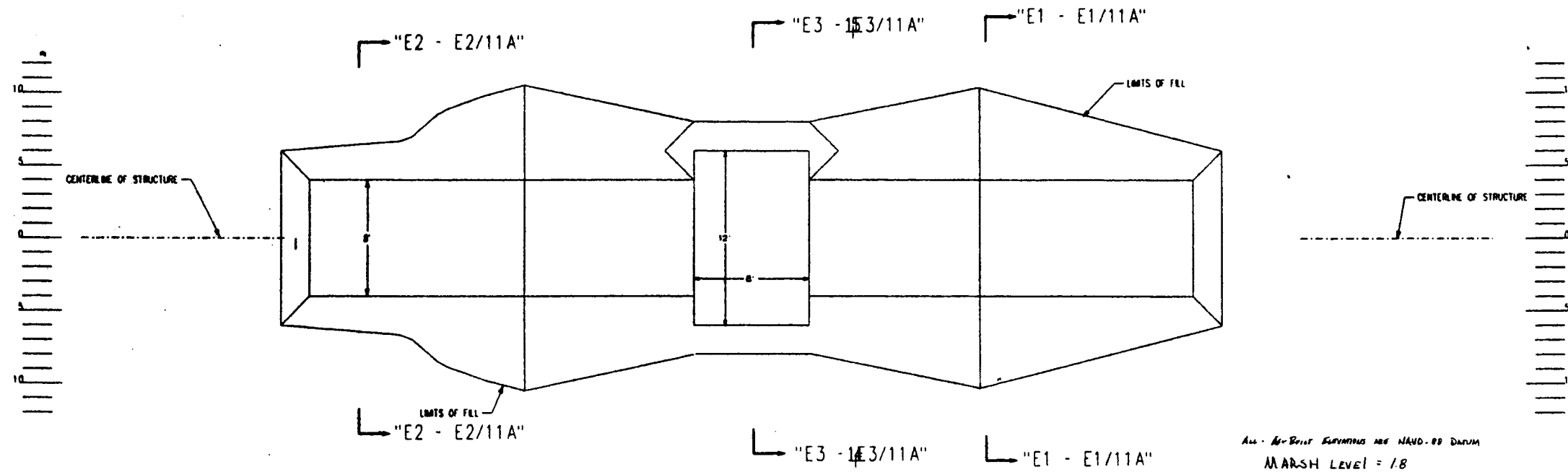
Date		Approved by	
Name	T. HENRY	Date	07/98
Title		Title	STATE CONSERVATION ENGINEER
Name	A. GREMILLON	Date	08/98
Title		Title	ALEXANDRIA LOUISIANA
Name		Date	
Title		Title	
Name	J. MOORE	Date	10/98
Title		Title	LA. 249

Monday 7:9/96

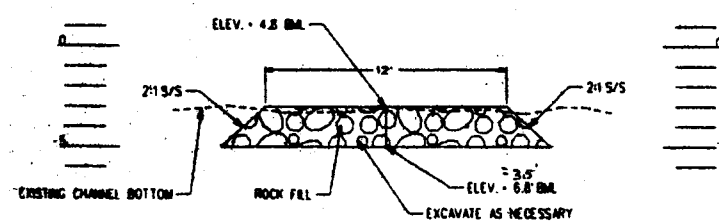


SITE NO. 8 - PROFILE ON CENTERLINE

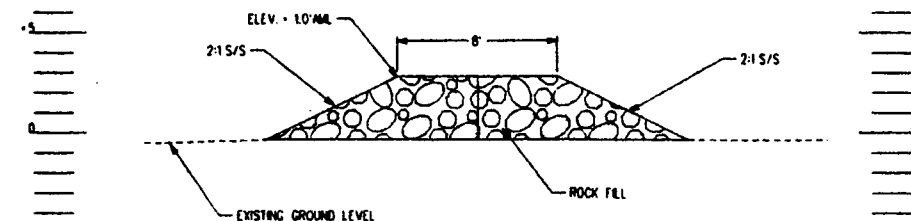
1. ALL - ABOVE MARSH LEVEL
2. ELEVATIONS ARE SITE SPECIFIC AND BASED ON ADJACENT H.S. CORN WILL ESTABLISH MARSH LEVEL IN THE FIELD



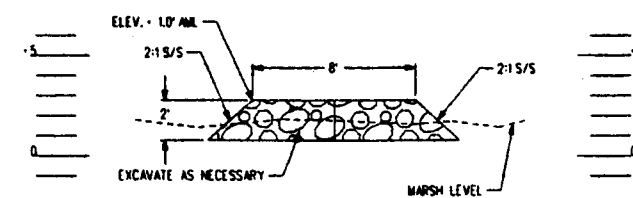
SITE NO. 8 - PLAN VIEW



SECTION "E3 - E3/11A"



SECTION "E1 - E1/11A"



SECTION "E2 - E2/11A"

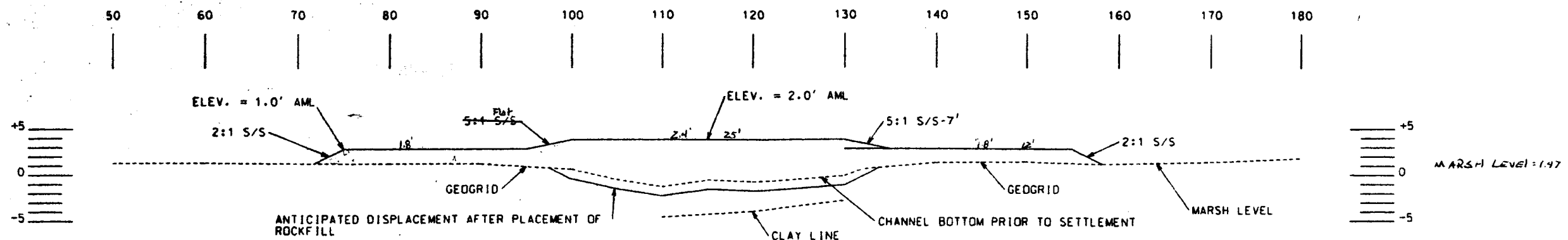
"AS-BUILT"

DRAWING NAME
GP

Scale in inches
5 0 5 10

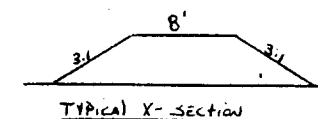
REVISIONS		
DATE	APPROVED	TITLE

DETAILS FOR SITE NO. 8		CONSTRUCTION UNIT NO. 1		WEST FORK BAYOU L'OURS WATERSHED		LAFORCHE PARISH, LOUISIANA	
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		STATE CONSERVATION ENGINEER		ALEXANDRA LOUISIANA			
DESIGNED BY	B. SICKER	CHECKED BY	A. ORTEGA	DATE	4/95	DATE	5/95
DRAWN BY		CHECKED BY		DATE	5/95	DATE	5/95
Sheet No. 13 of 15		La000000		LA 249			

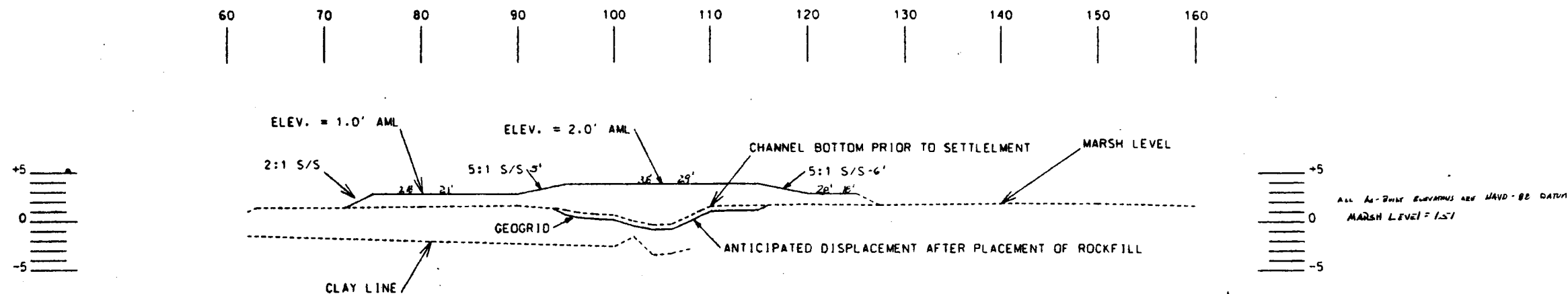


THE GEOGRID SHALL EXTEND A MINIMUM OF 5' PAST THE LIMITS OF THE ROCKFILL. THE DIMENSIONS OF THE GEOGRID FOR SITE 4A ARE: 88' x 33'

PROFILE ON CENTERLINE - SITE NO. 4A

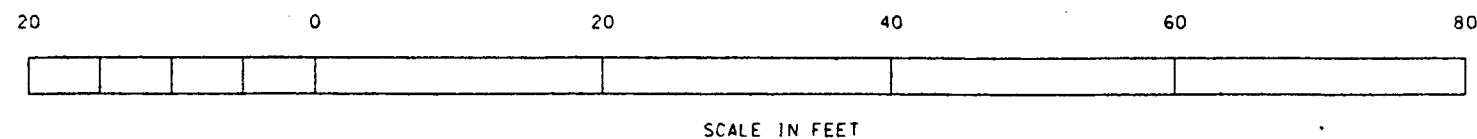


1. AML - ABOVE MARSH LEVEL
2. ELEVATIONS ARE SITE SPECIFIC AND ARE BASED ON ASSUMED H₁S.
3. COTR WILL ESTABLISH MARSH LEVEL IN THE FIELD.



THE GEOGRID SHALL EXTEND A MINIMUM OF 5' PAST THE LIMITS OF THE ROCKFILL. THE DIMENSIONS OF THE GEOGRID FOR SITE 8A ARE: 56' x 27' 2" x 90'.

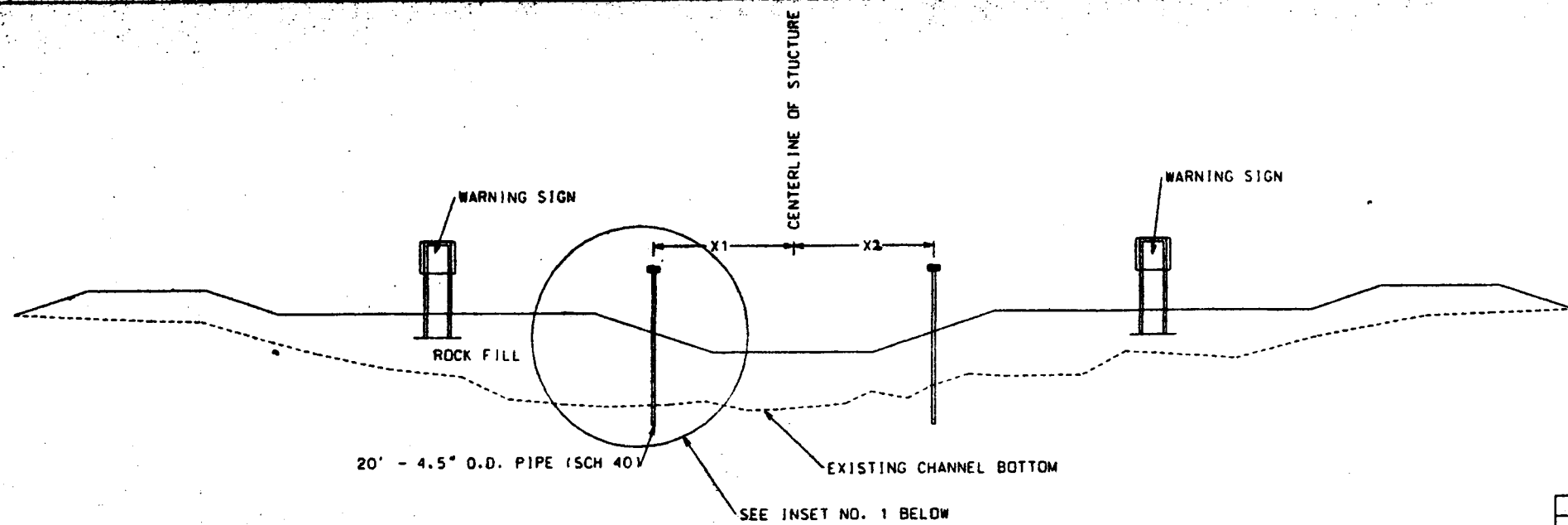
PROFILE ON CENTERLINE - SITE NO. 8A



SCALE IN FEET

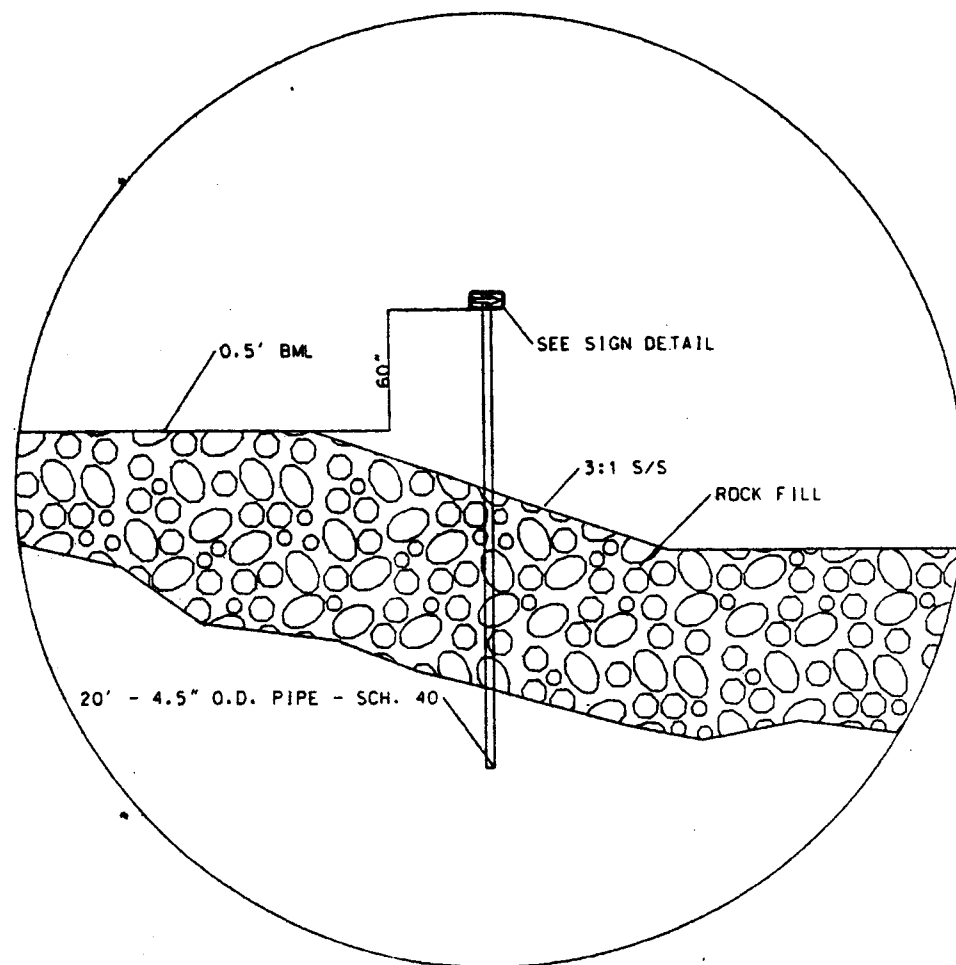
"AS-BUILT"

Date		5/97	
Approved by		Title	
Designed		B. STICKER	
Drawn		A. GREMILLION	
Traced		B. STICKER	
Checked		B. STICKER	
DETAILS FOR SITES 8A & 4A CONSTRUCTION UNIT NO. 1 WEST FORK BAYOU L'OURS WATERSHED LAFOURCHE PARISH, LOUISIANA U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE			
REVISIONS	TITLE		
DATE	APPR.		
CAD FILE NO.			
DRAWING NO.			
LA-249			
SHEET NO 14 OF 15			



TYPICAL CROSS SECTION

1. NEOPRENE WASHERS SHALL BE PLACED BETWEEN STEEL FRAME AND ALUMINUM SIGN. SIGNS SHALL BE MADE FROM 3/16\"/>



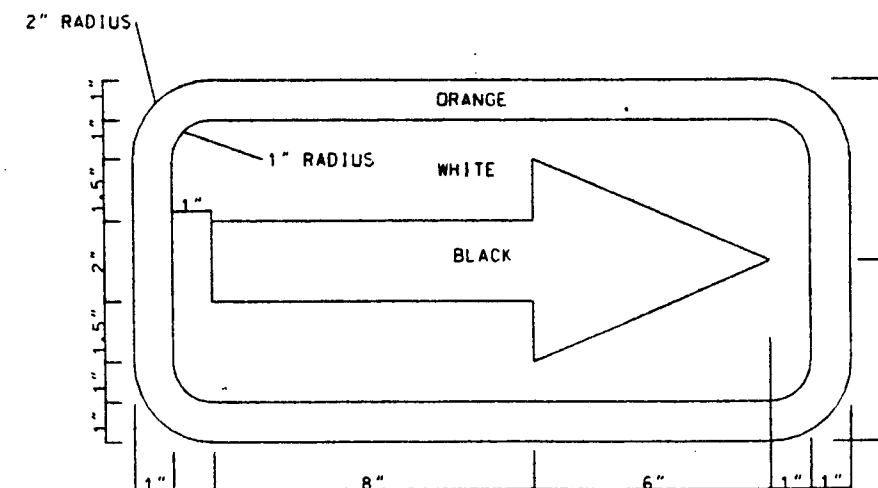
INSET NO. 1

SITE NO.	X1	X2
2	15'	16'
4	18'	17.5'
7	16'	17.5'

DIRECTIONAL SIGN PLACEMENT

SITE NO.	Elevation on top of Directional Sign
2	5.92 5.93
4	5.88 5.88
7	5.57 5.44

All As-Built Elevations are NAVD-83 DATUM



DIRECTIONAL SIGN DETAIL

"AS-BUILT"

NOT TO SCALE

REVISIONS DATE APPR. TITLE		DIRECTIONAL SIGN DETAILS CONSTRUCTION UNIT NO. 1 WEST FORK BAYOU L'OURS WATERSHED LAFOURCHE PARISH, LOUISIANA		Date 5/97
DESIGNED L.S. GARNER		DRAWN A. GREMILLION		Approved by Title
CHECKED B. STICKER		TITLED Title		Date 5/97
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		CAD FILE NO.		DRAWING NO. LA-249