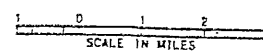
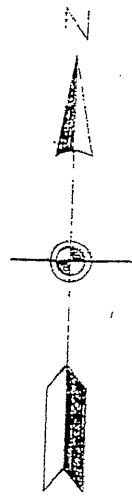


VICINITY MAP



LOCATION
IN
LOUISIANA



BRADY CANAL HYDROLOGIC RESTORATION CONSTRUCTION UNIT 2, (PTE-26B)

BUILT UNDER THE
COASTAL WETLANDS
PLANNING, PROTECTION,
AND
RESTORATION ACT
PUBLIC LAW 101-646

BY THE
LOUISIANA
DEPARTMENT OF NATURAL RESOURCES

WITH THE ASSISTANCE OF THE
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE
1999

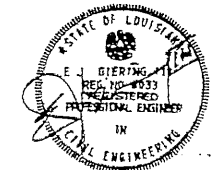
"AS-BUILT PLANS"

SUBMITTED BY: Dale A. Naylor 10/17/00
GOVERNMENT REPRESENTATIVE DATE
APPROVED BY: Paul H. Smith 10/24/00
ASSISTANT STATE CONSERVATION DATE
STATE CONSERVATION ENGINEER 10/25/00

CONTRACT NO. SD-207-9-01 DATE 5/4/99
CONTRACTOR ALL SOUTH GULF CONSTRUCTORS
INSPECTOR HEVIN RODRIGUE
DATE OF COMPLETION 7/31/00

INDEX OF DRAWINGS

- COVER SHEET
- LAND RIGHTS MAP
- PROJECT LOCATION MAP
- INDIVIDUAL SITE LOCATION MAP
- SOIL BORING LOGS
- PLAN AND PROFILE - SITE NO. 6
- BATTER PILE DETAILS - SITE NO. 6
- PLAN AND PROFILE - SITE NO. 7
- PLAN AND PROFILE - SITE NO. 10
- PLAN AND PROFILE - SITE NO. 14
- DECKING DETAILS - SITE NO. 14
- PLAN AND PROFILE - SITE NO. 20
- PLAN AND PROFILE - SITE NO. 21
- DECKING DETAILS - SITE NO. 21
- PLAN AND PROFILE - SITE NO. 23
- DECKING DETAILS - SITE NO. 23
- PLAN AND PROFILE - SITE NO. 24
- STOP LOG BAY DETAILS (TYPICAL)
- PILE CAP TO SHEET PILE - DETAILS
- WARNING SIGN LOCATION MAP
- WARNING SIGN DETAILS
- WARNING SIGN AND RAILING DETAILS
- TYPE "F" WARNING SIGN DETAILS

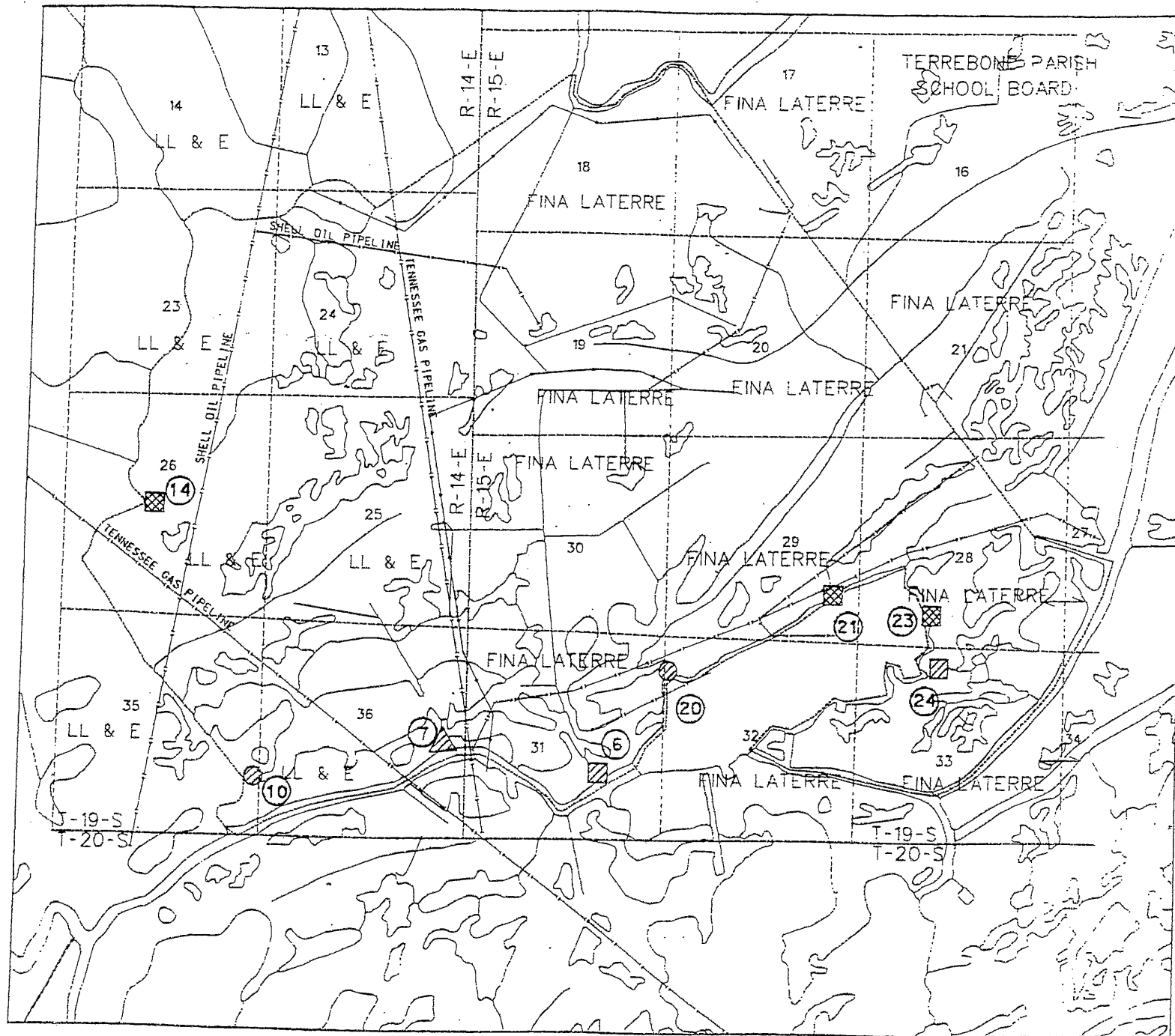


COVER SHEET
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA

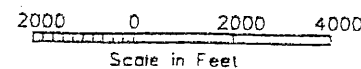
REVISIONS	TITLE
DATE	APPR.

CAD FILE NO. LA-231
DRAWING NO. 231_01
SHEET NO.

Approved by
Date 02/98
Designed C. E. Lofleur
Drawn A. J. Gramillion
Traced
Checked James N. Moore
Date 01/98



BRADY CANAL - LAND RIGHTS MAP



STRUCTURE LEGEND

- FIXED CREST WEIR W/VARIABLE CREST SECTIONS
- FIXED CREST WEIR
- CHANNEL ARMOR
- ROCK PLUG

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

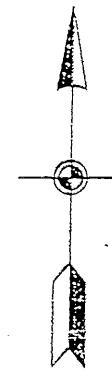
NOTE:

KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THE PLANS. 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.

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

LEGEND

- PIPELINE
- POWERLINE
- TOWNSHIP / RANGE LINE
- SECTION LINE
- 21 SECTION NUMBER
- WORK LIMITS
- 14 STRUCTURE NUMBER



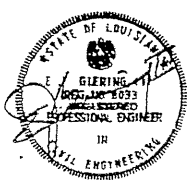
Designed	C. E. Lafleur	Approved by	
Drawn	A. J. Grenillion	Title	
Traced			
Checked	JAMES N. MOORE		

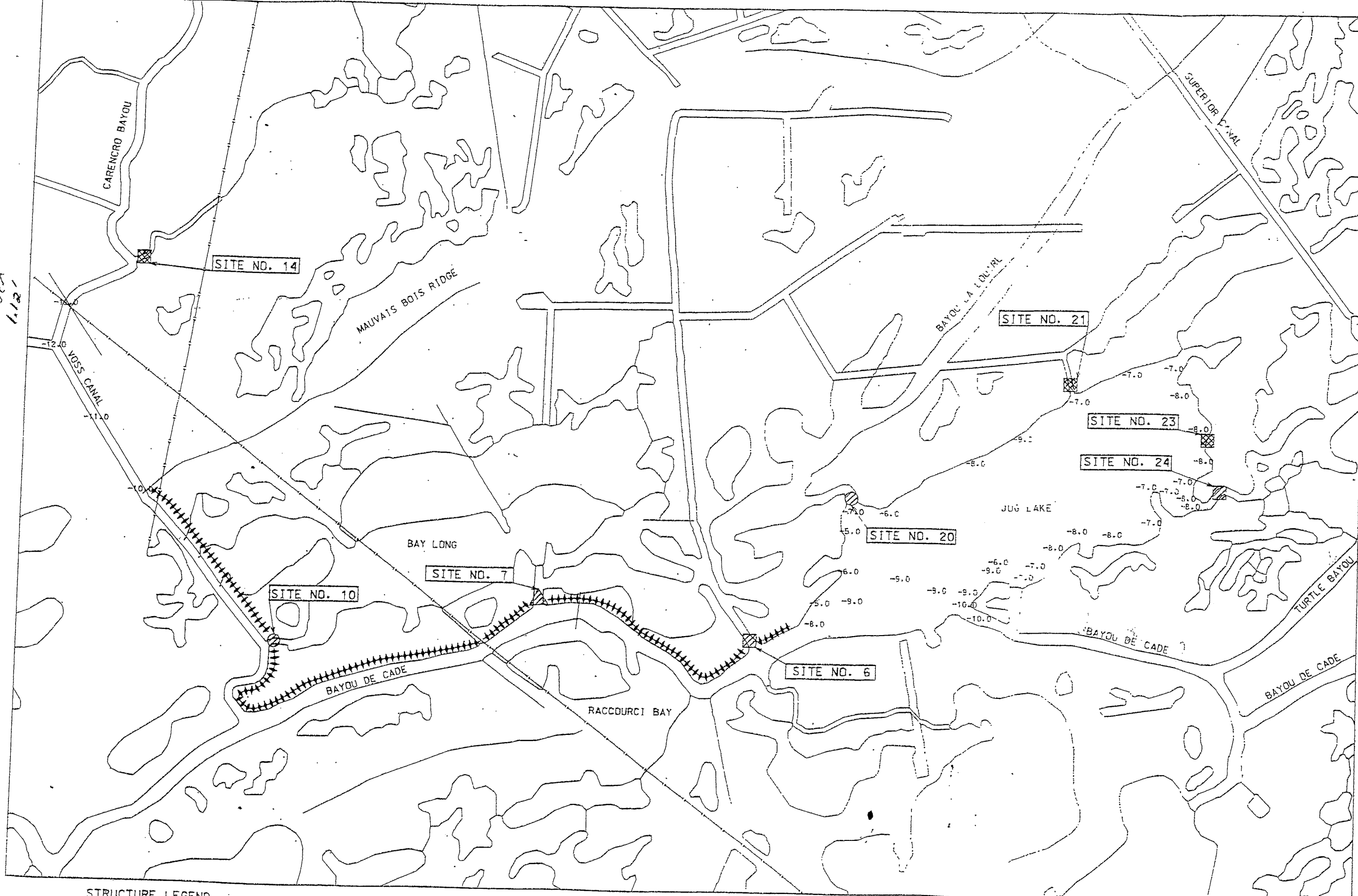
LAND RIGHTS MAP
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONE PARISH, LOUISIANA

DATE	REVISIONS	TITLE
APPR.		

CAD FILE NO.
BRADY-LR
DRAWING NO.
LA-231

"AS-BUILT"

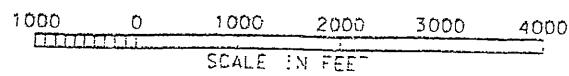




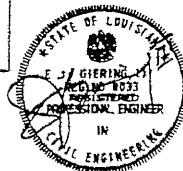
STRUCTURE LEGEND

- FIXED CREST WEIR W/VARIABLE CREST SECTIONS
- FIXED CREST WEIR
- CHANNEL ARMOR
- ROCK PLUG
- EMBANKMENT- (SEE CONSTRUCTION 1 UNIT FOR DETATILS)

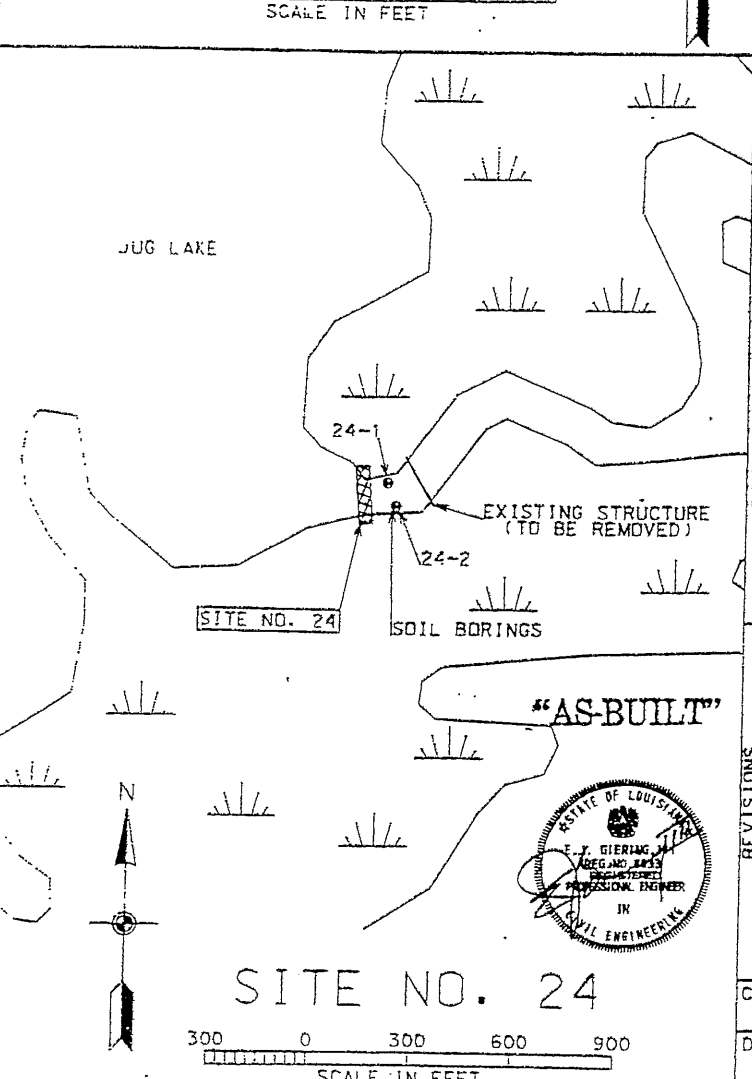
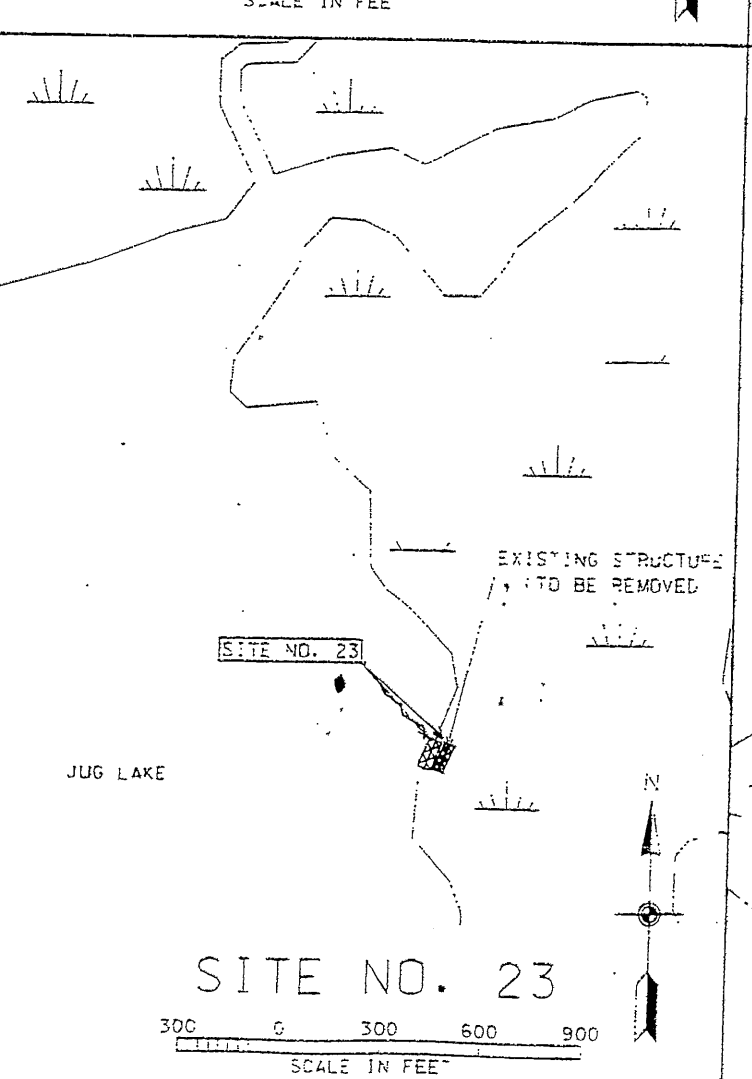
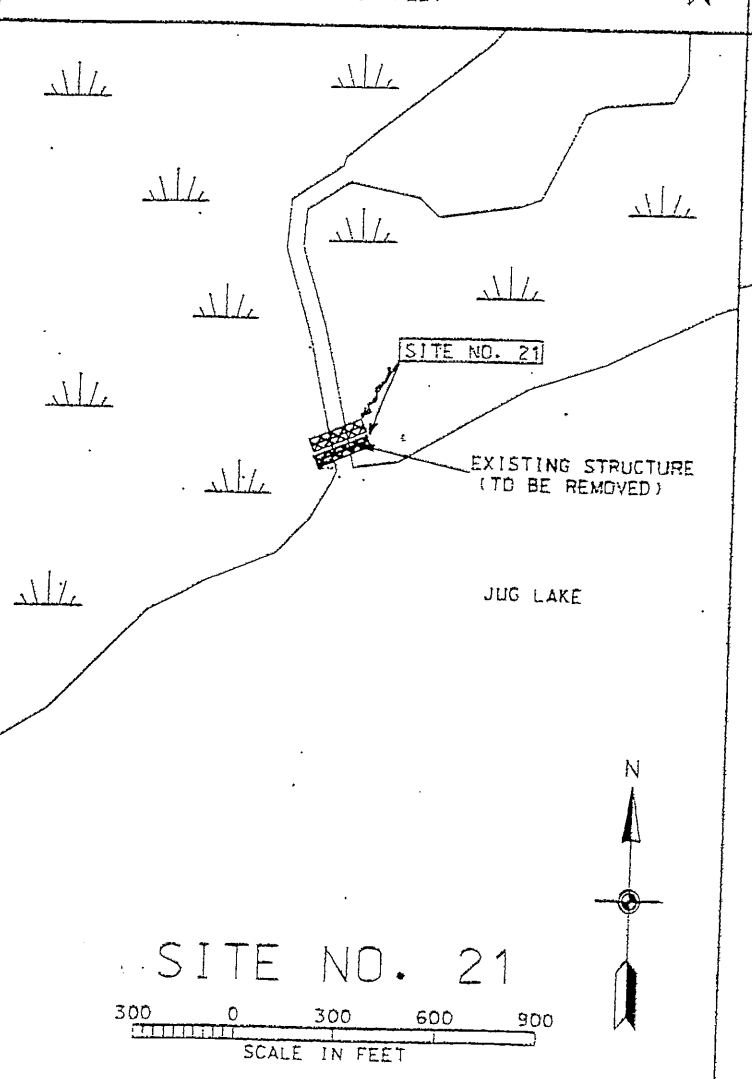
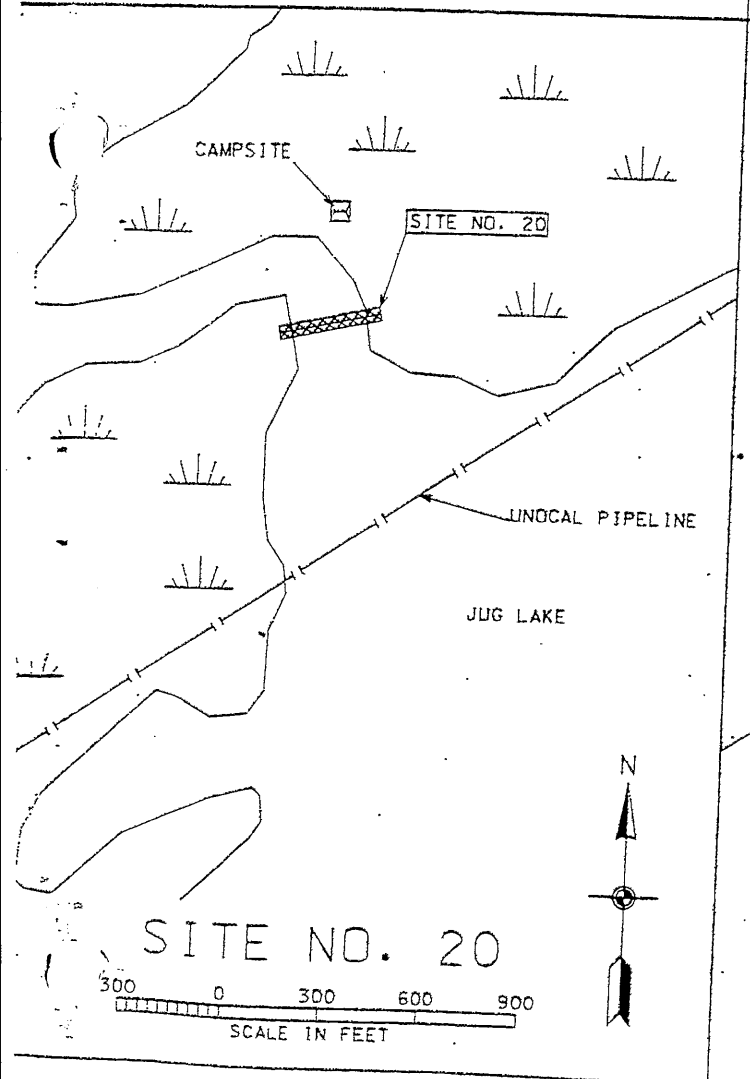
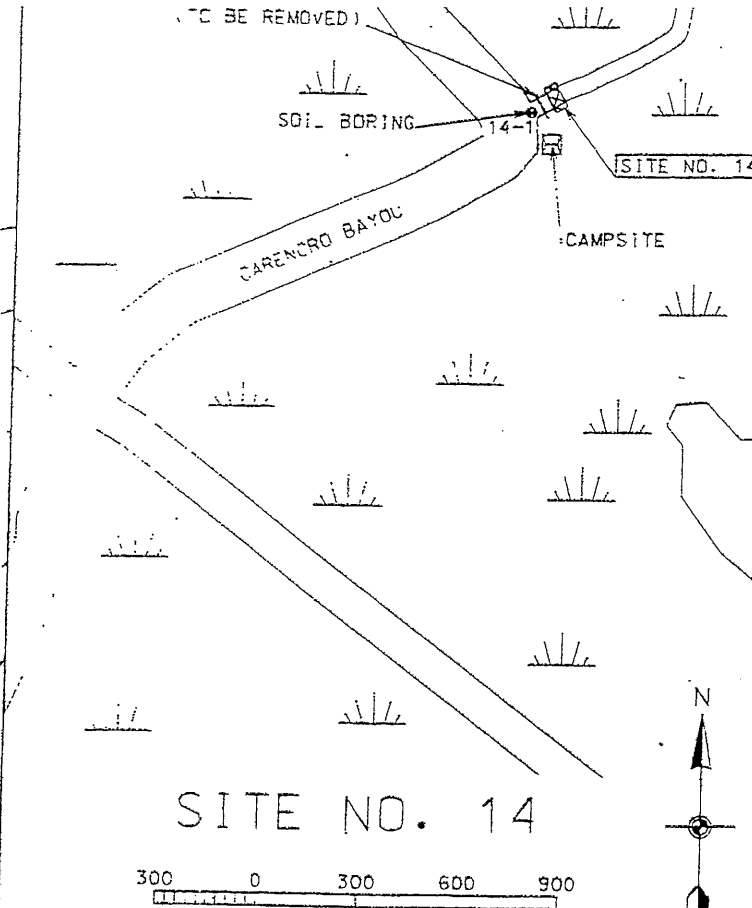
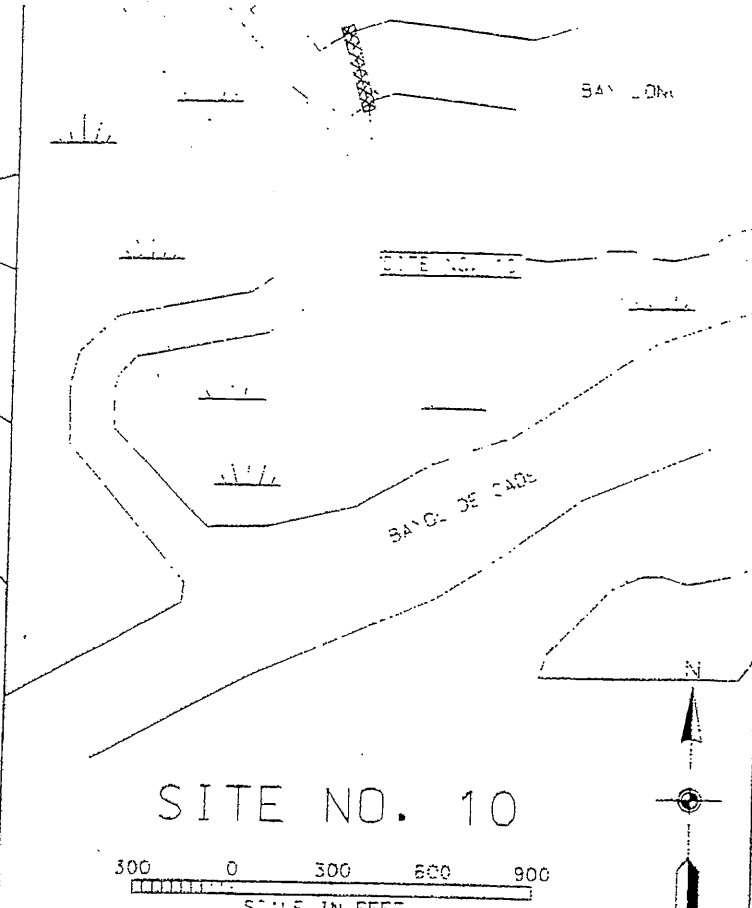
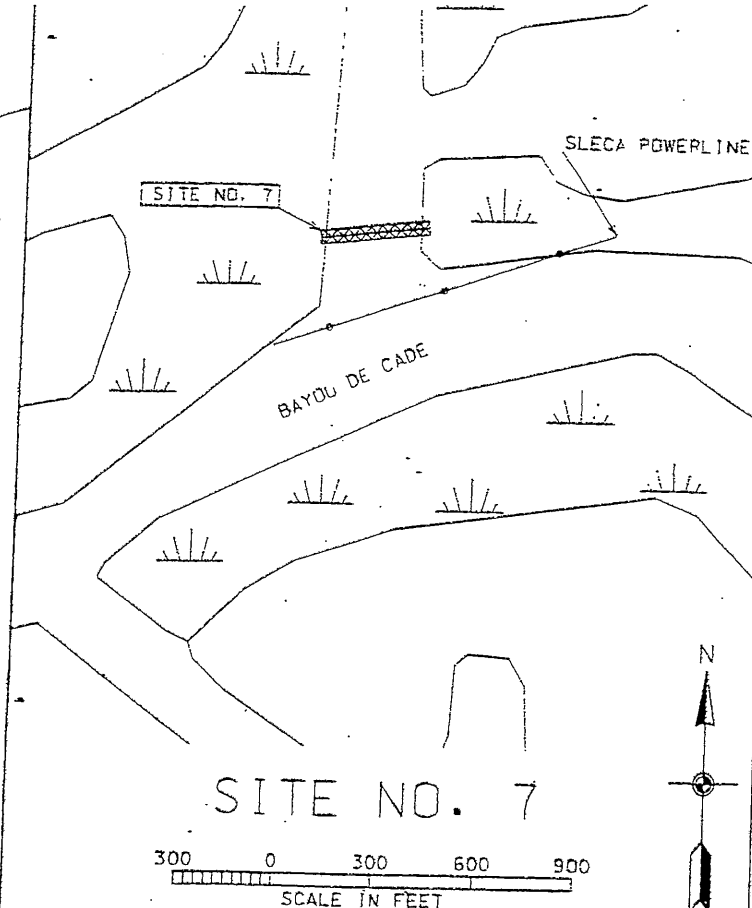
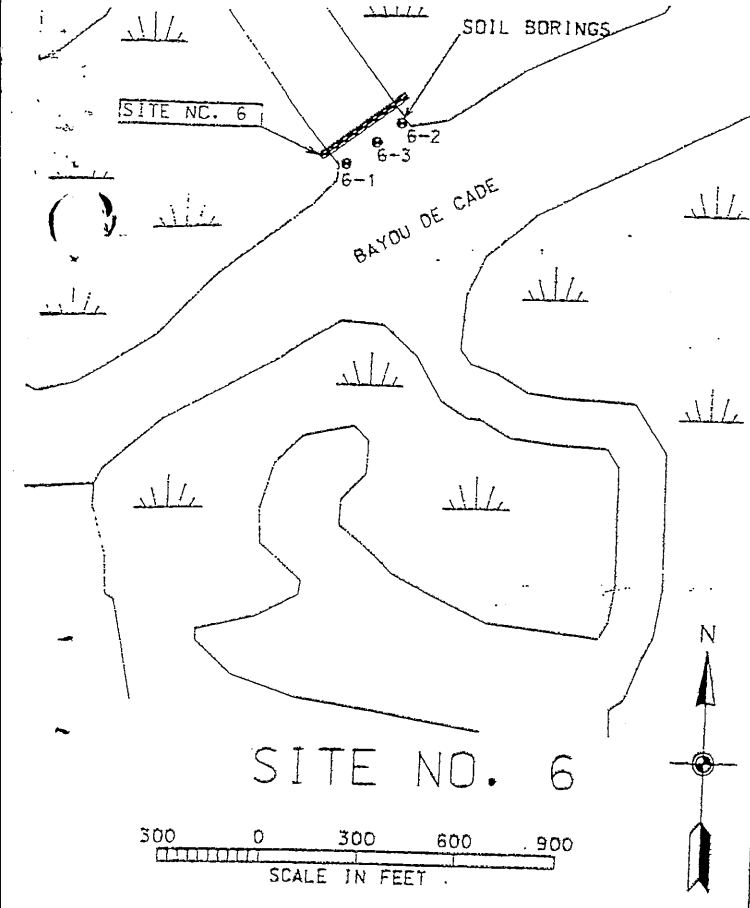
PROJECT LOCATION MAP



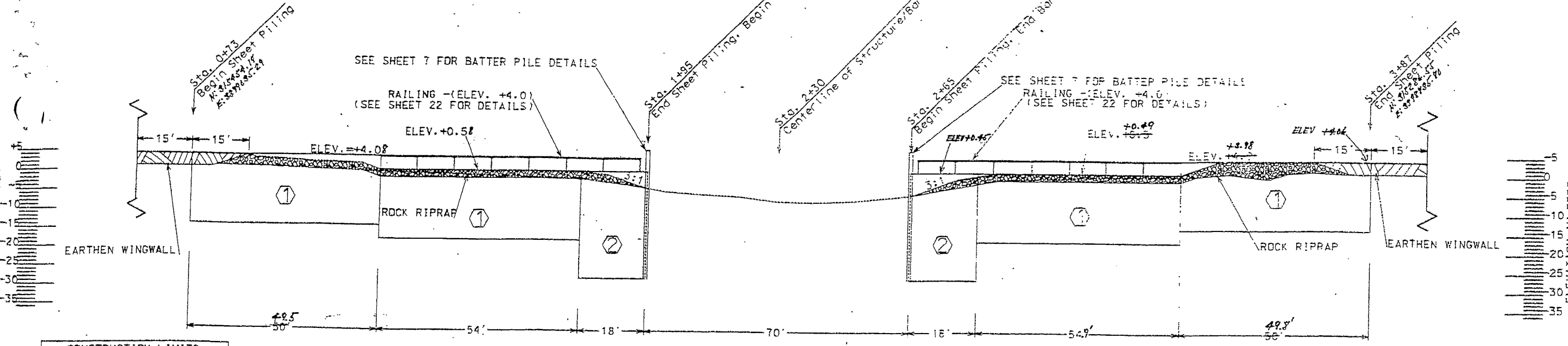
- NOTES:
1. -x.x= WATER SOUNDING
 2. ALL WATER SOUNDINGS WERE TAKEN ON 4/17/98. THE STAFF GAUGE AT DULARGE MARINA READ 1.8' NGVD.
 3. ALL ELEVATIONS ARE BASED ON THE N.A.V.D. 88 DATUM.
 4. ALL HORIZONTAL POSITIONS BASED IN NAD 83 STATE PLANE LA-231



PROJECT LOCATION MAP		Designed	C. E. Lafleur	Approved by	02/98
CONSTRUCTION UNIT NO. 2		Drawn	A. J. Gremillion	02/98	title
BRADY CANAL HYD. REST. - PTE-26B		Traced			
TERREBONNE PARISH, LOUISIANA		Checked	James N. Moore	01/99	title
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE					
REVISIONS	TITLE				
DATE	APPR.				
CAD FILE NO.					
PROJECT-2					
DRAWING NO.					
LA-231					
SHEET NO. 3 OF 23					



INDIVIDUAL SITE LOCATIONS CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		Date 02/98 Approved by A. J. Gremillion Title Traced Checked James N. Moore Title 01/99
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		REVISIONS DATE APPR. TITLE
CAD FILE NO. INDIV-LOCATION DRAWING NO. LA-231		SHEET NO. 4 OF 23

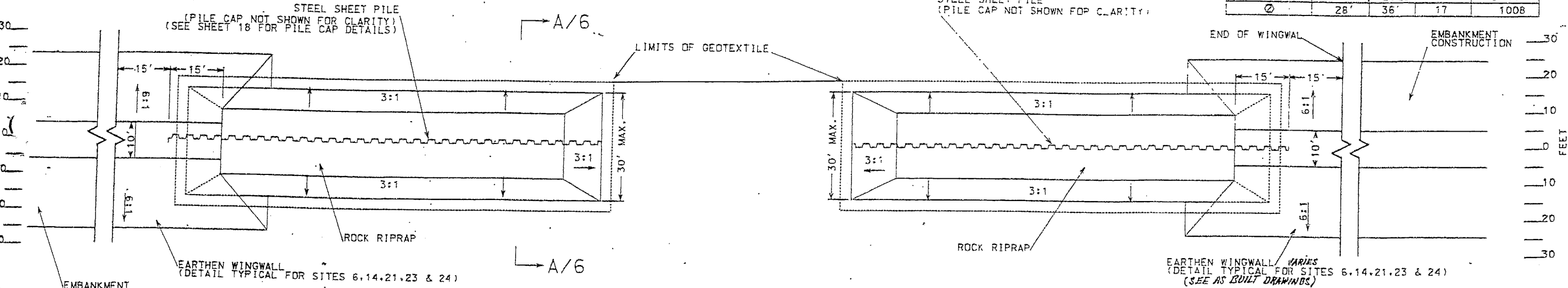


CONSTRUCTION LIMITS		
Construction	Construction	
Width	Length	
250 ft	500 ft	
ESTIMATED QUANTITIES		
Rock Riprap	500 Tons	733 TONS
Geotextile	990 SY	1024 SY

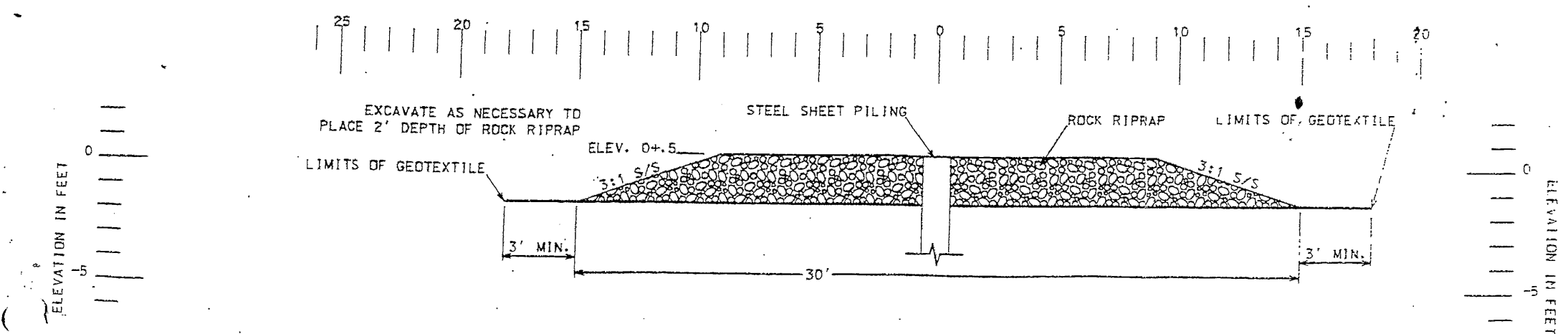
SITE NO. 6 - PROFILE ON CENTERLINE

SHEET PILE SCHEDULE

SHEET PILING NO.	IN-PLACE LENGTH	LINEAR FEET	MINIMUM IN ³ /FT	SUBTOTALS (FT. SQ)
①	18'	208.2'	17	3544.344
②	28'	36'	17	1008

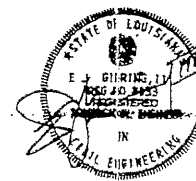


SITE NO. 6 - PLAN VIEW



SECTION "A-A/6"

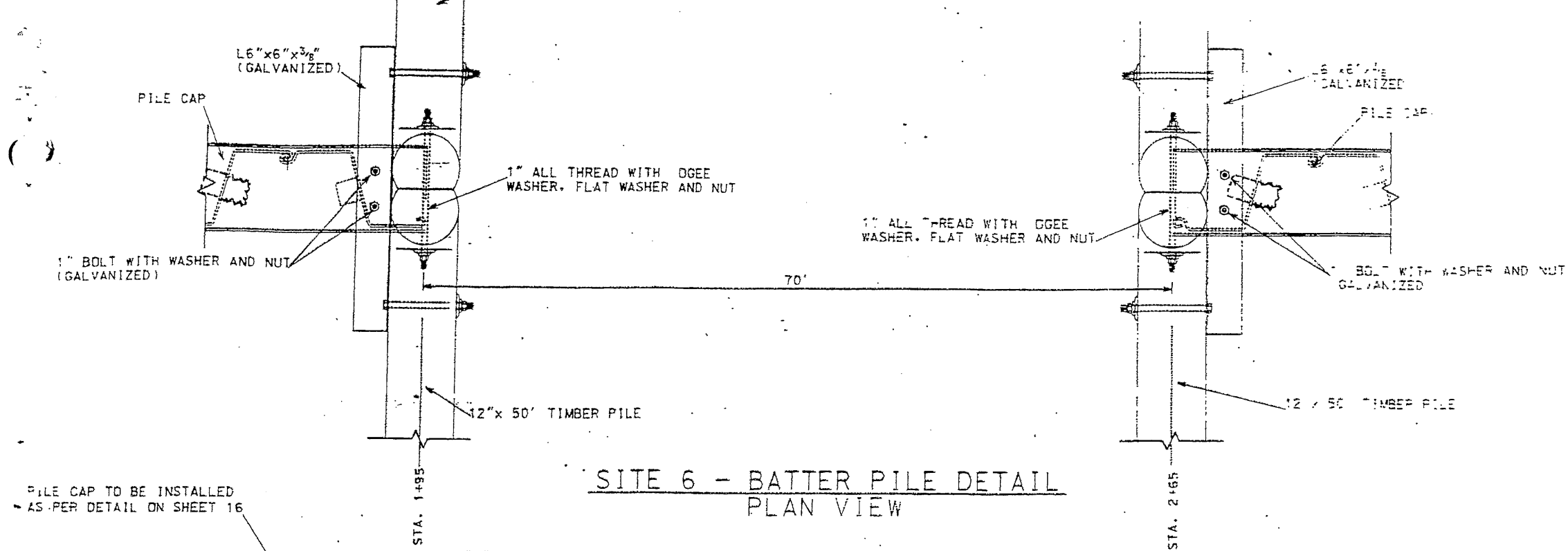
- NOTE:
1. SHEET PILING AND PILE CAP SHALL BE PAINTED TO THE LIMITS SPECIFIED IN CONSTRUCTION SPECIFICATION 82, CLEANING AND PAINTING METALWORK.
 2. THE MINIMUM WEB AND FLANGE THICKNESS OF SHEET PILING SHALL BE 0.35".
 3. THE CONTRACTOR SHALL ENSURE THAT THE EARTHEN WINGWALLS SHALL BE CONSTRUCTED TO THE LINES AND GRADES AS SHOWN FOR SITE NO. 6, AS A MINIMUM, FOR ALL SHEET PILE STRUCTURES.
 4. FINAL LOCATION OF STRUCTURES TO BE STAKED IN THE FIELD BY THE C.D.T.R.
 5. SEE SHEETS 20 AND 21 FOR WARNING SIGN LOCATIONS & DETAILS.
 6. THE EARTHEN WINGWALLS SHALL BE TIED INTO THE EARTHEN EMBANKMENT.



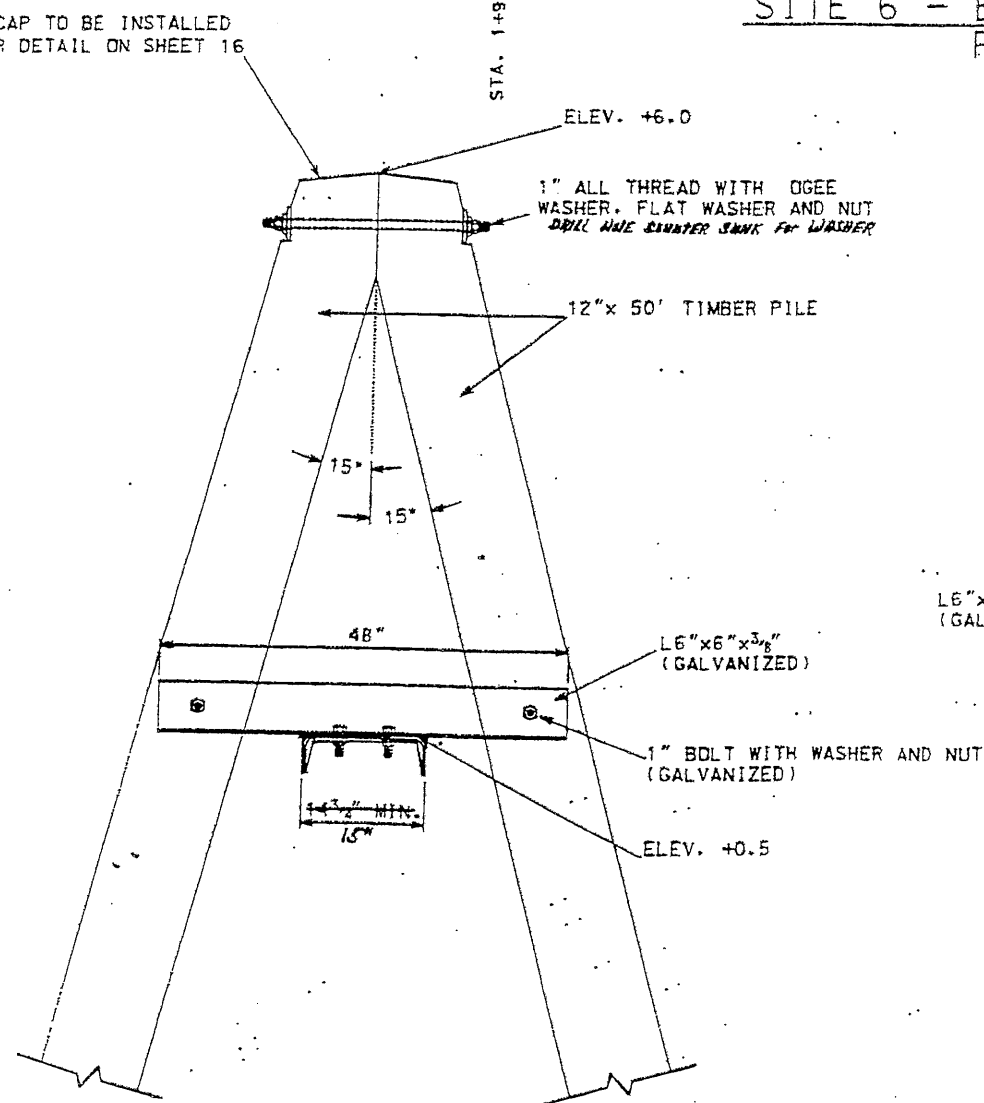
"AS-BUILT"

(NOT TO SCALE)

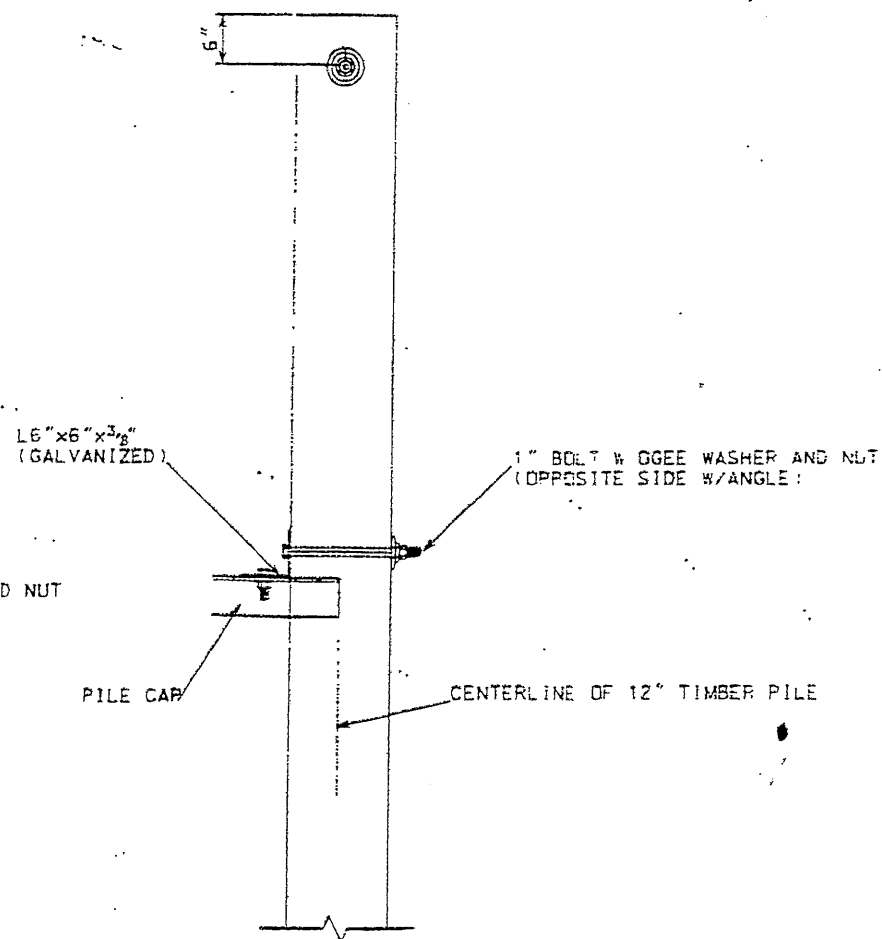
Date: 2/98 Approved by: C.E. Lafleur Drawn: A. J. Gremillion Traced: James N. Moore Checked: James N. Moore		PLAN AND PROFILE - SITE NO. 6 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
CAD FILE NO. SITE#6 DRAWING NO. LA-231 SHEET NO. 6 OF 23		
REVISIONS DATE APPR. TITLE		
DATE APPR. TITLE		
DATE APPR. TITLE		



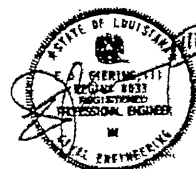
SITE 6 - BATTER PILE DETAIL
PLAN VIEW



SITE 6 - BATTER PILE DETAIL
ELEVATION VIEW



SITE 6 - BATTER PILE DETAIL
SIDE VIEW



SITE #6 - BATTER PILE DETAILS CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		Date 2/98	Approved by Title
Designated C.E. Lafleur	Drawn A. J. Gramillion	Date 2/98	Title
Traced James N. Moore	Checked James N. Moore	Date 7/99	Title
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE			
REVISIONS DATE APPR.	TITLE		
CAD FILE NO. SITE-6-BATTER			
DRAWING NO. LA-231			
SHEET NO 07 OF 23			

ELEVATION IN FEET



Sta. 0+55
Orange Post. Begin Structure
N 316/2+26
E 3394+4.98

STRUCTURE TURNS 41° TO LEFT
STA 1+04

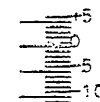
SEE SHEET 20 & 21 FOR WARNING SIGN DETAILS

SEE AS BUILT DRAWING SITE NO. 7 OF THE TOP OF FILL. Elev. = -4.0
CONSTR. UNIT #2

STRUCTURE TURNS 90° TO LEFT
STA 4+19.4

Sta. 4+70
Green Post. End Structure
N 316/2+26
E 3394+4.98

ELEVATION IN FEET

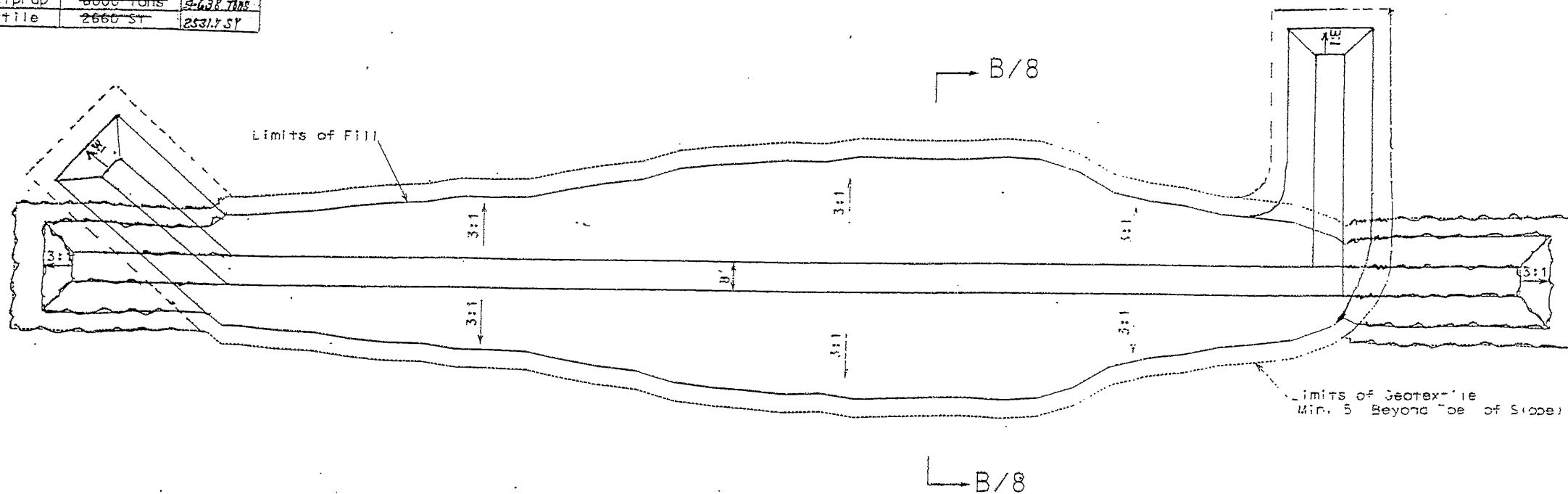


Rock Riprap Fill
Existing Channel Bottom

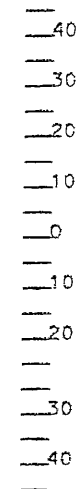
SITE NO. 7 - PROFILE ON CENTERLINE

CONSTRUCTION LIMITS		
Construction Width	Construction Length	
500 ft	500 ft	
ESTIMATED QUANTITIES		
Rock Riprap	6600 Tons	4638 TONS
Geotextile	2660 ST	2531.7 SY

FEET

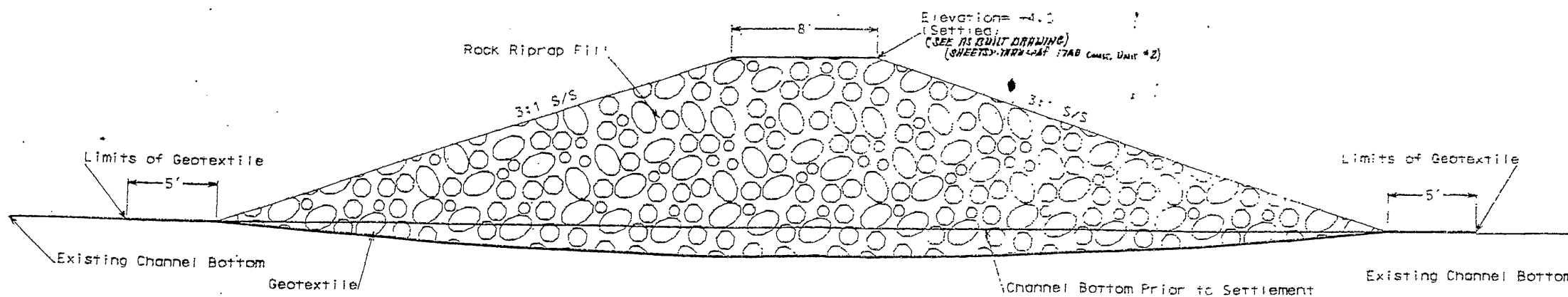
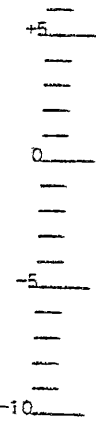


FEET

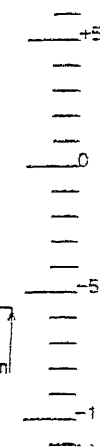


SITE NO. 7 - PLAN VIEW

ELEVATION IN FEET



ELEVATION IN FEET



SECTION "B-B/8"

(NOT TO SCALE)

PLAN AND PROFILE - SITE NO. 7
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA

REVISIONS	TITLE
DATE	APPR.

CAD FILE NO.
SITE#7
DRAWING NO.
LA-231
SHEET NO. 8 OF 23

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

Designed C.E. Lofleur
Drawn A. J. Grenillion
Traced James N. Moore
Checked James N. Moore

Approved by
Title
2/98
2/98
2/98
2/98

AS-BUILT

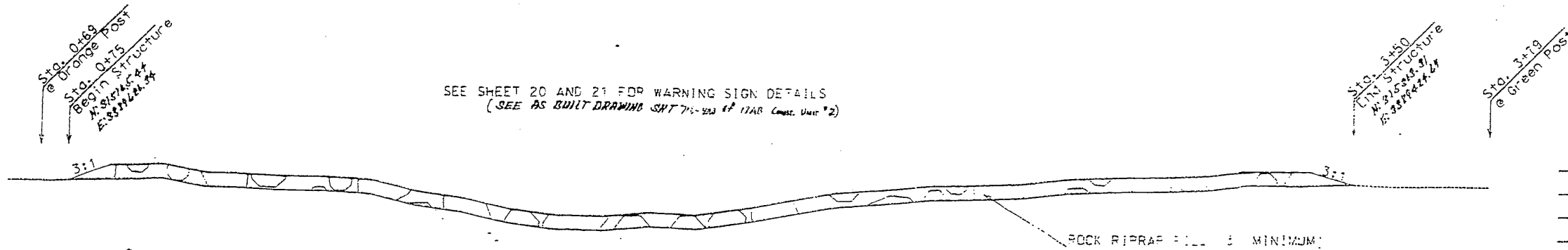


ELEVATION IN FEET

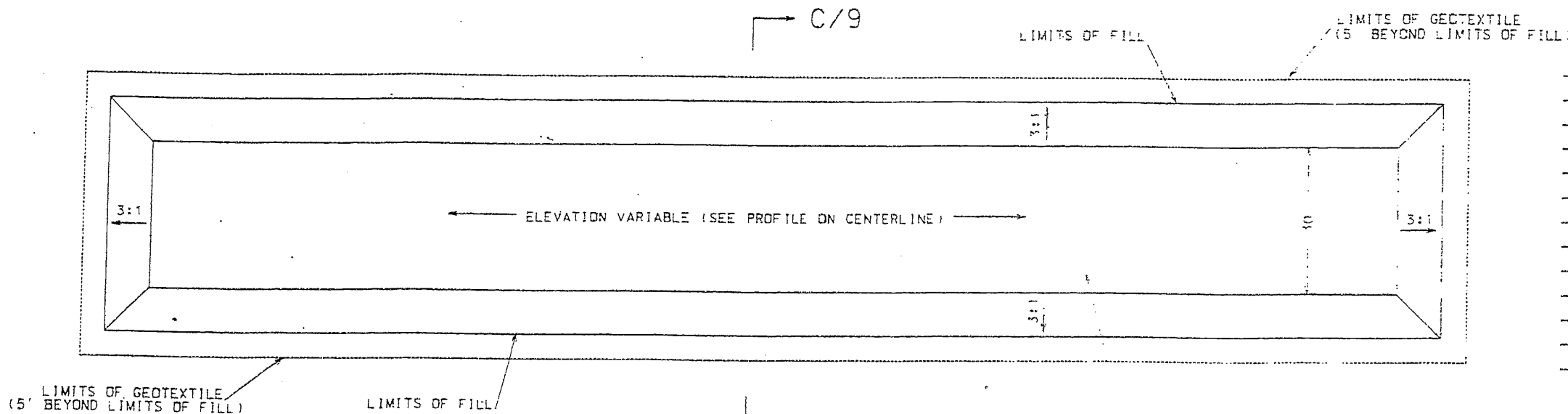
FEET

ELEVATION IN FEET

FEET

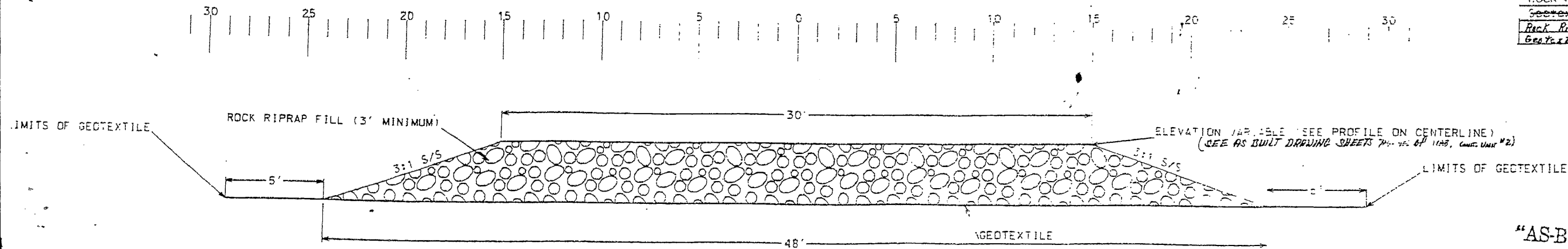


SITE NO. 10 - PROFILE ON CENTERLINE



SITE NO. 10 - PLAN VIEW

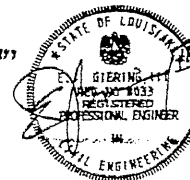
CONSTRUCTION LIMITS	
Construction Width	Construction Length
500 ft	500 ft
ESTIMATED QUANTITIES	
Rock Riprap	1800 Tons
Geotextile	1840 SY
Rock Riprap	2000 Tons
Geotextile	1836.7 SY



SECTION "C-C/9"

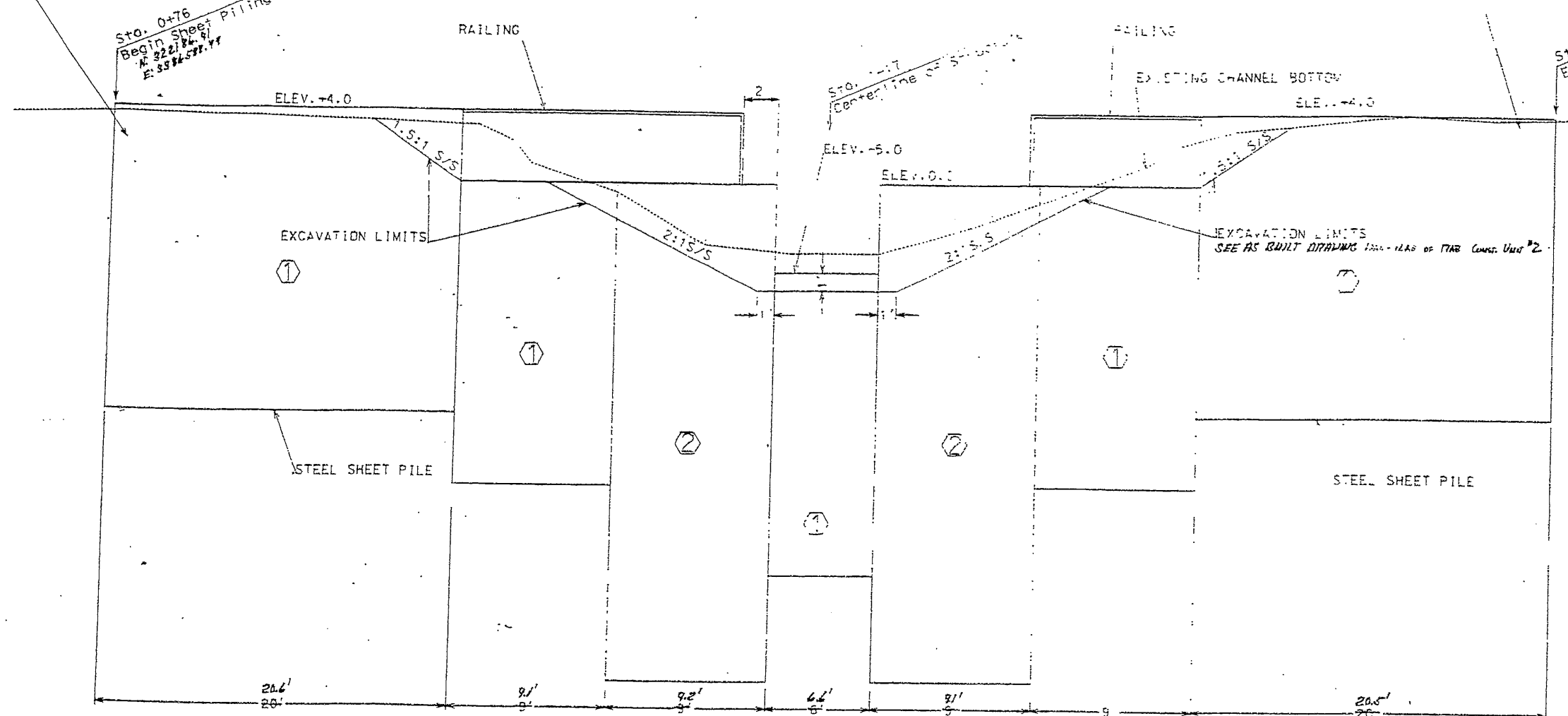
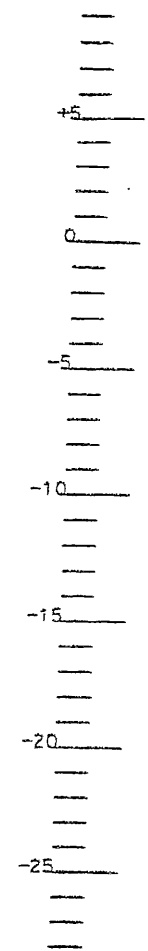
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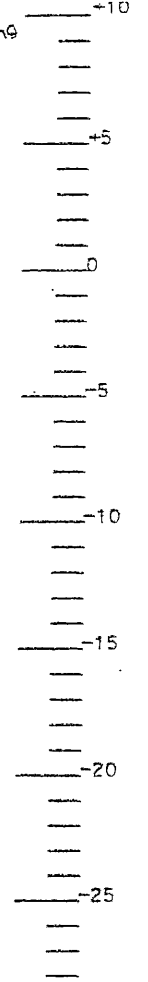


PLAN AND PROFILE - SITE NO. 10 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
DESIGNED C.E. Lafleur	DRAWN A. J. Gremillion	CHECKED James N. Moore
DATE 2/98	TITLE 2/98	TITLE 2/98
CAD FILE NO. SITE#10 DRAWING NO. LA-231 SHEET NO. 9 OF 23		

ELEVATION IN FEET



ELEVATION IN FEET



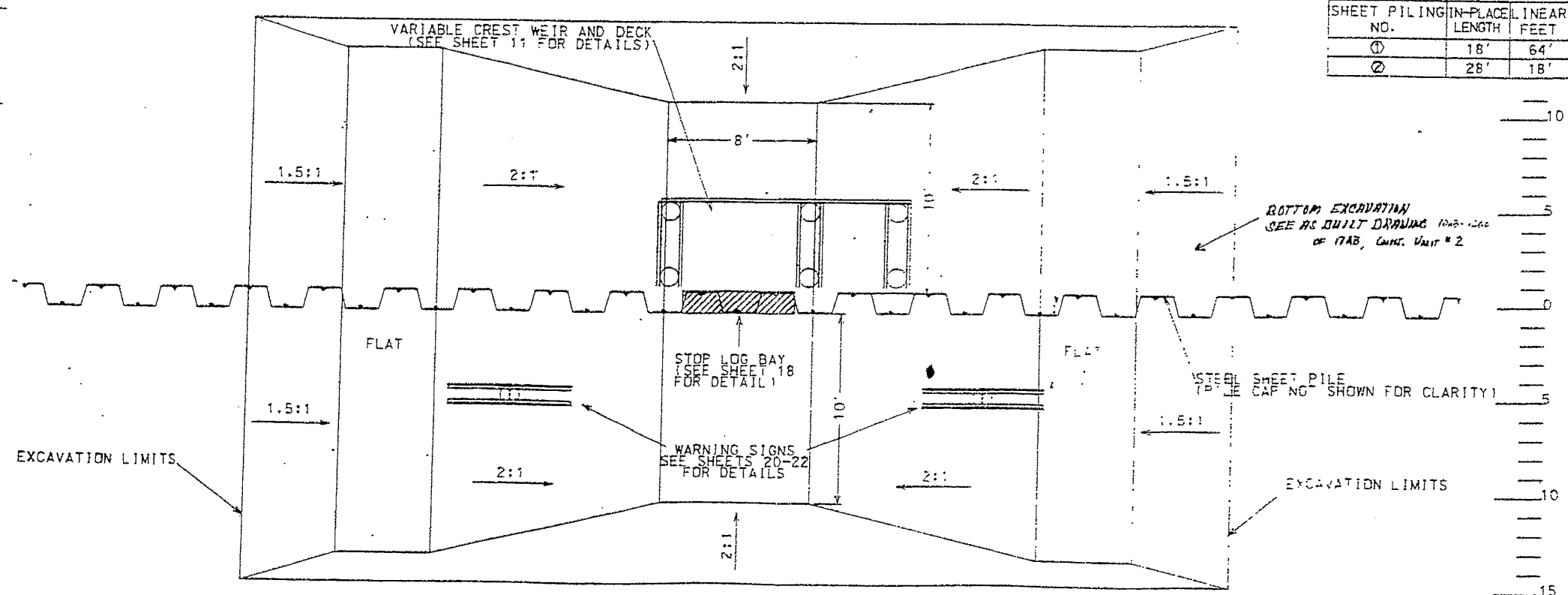
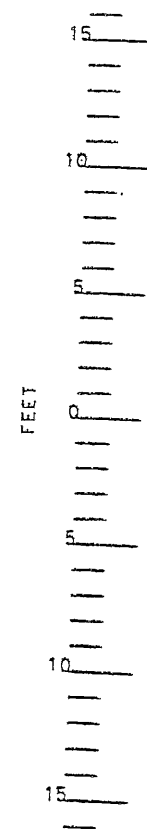
CONSTRUCTION LIMITS	
Construction Width	Construction Length
305 ft	305 ft

SITE NO. 14 - PROFILE ON CENTERLINE

SHEET PILE SCHEDULE

SHEET PILING NO.	IN-PLACE LENGTH	LINEAR FEET	MINIMUM IN ³ /FT	SUBTOTALS (FT. SQ)
①	18'	64'	17	1152
②	28'	18'	17	504

FEET

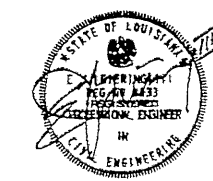


FEET

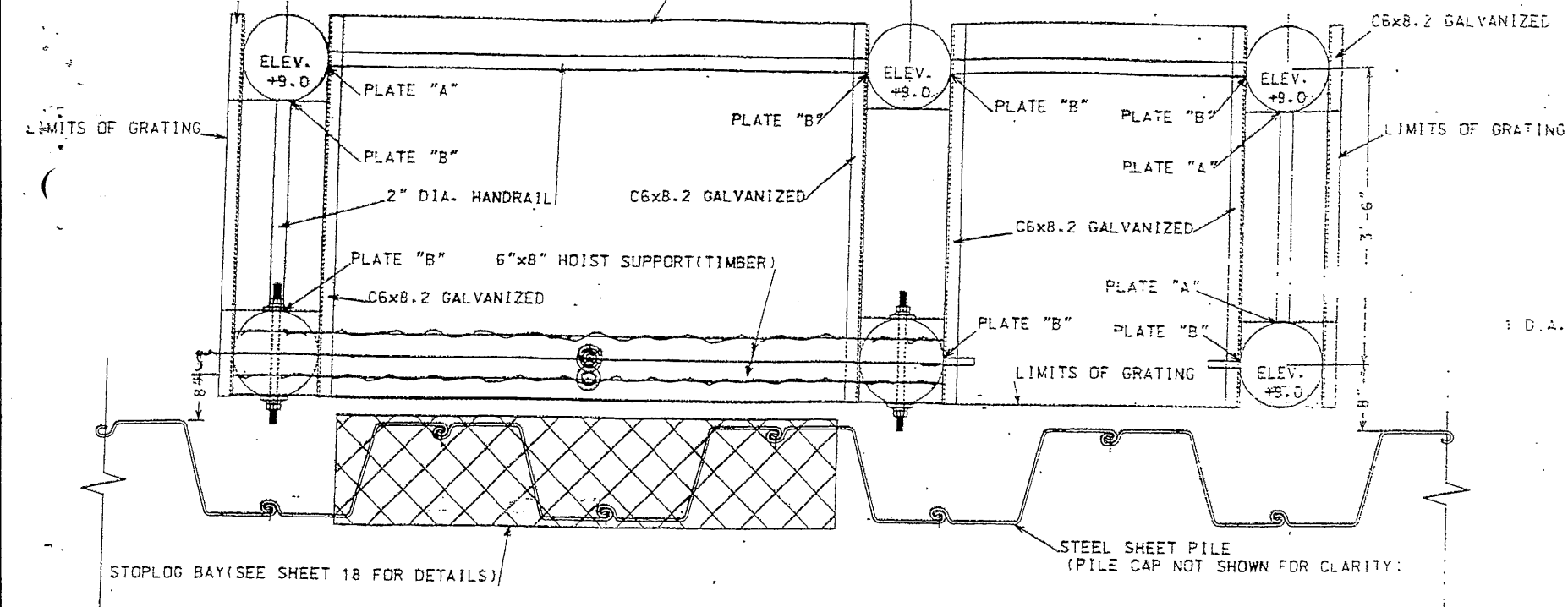
SITE NO. 14 - PLAN VIEW

(NOT TO SCALE)

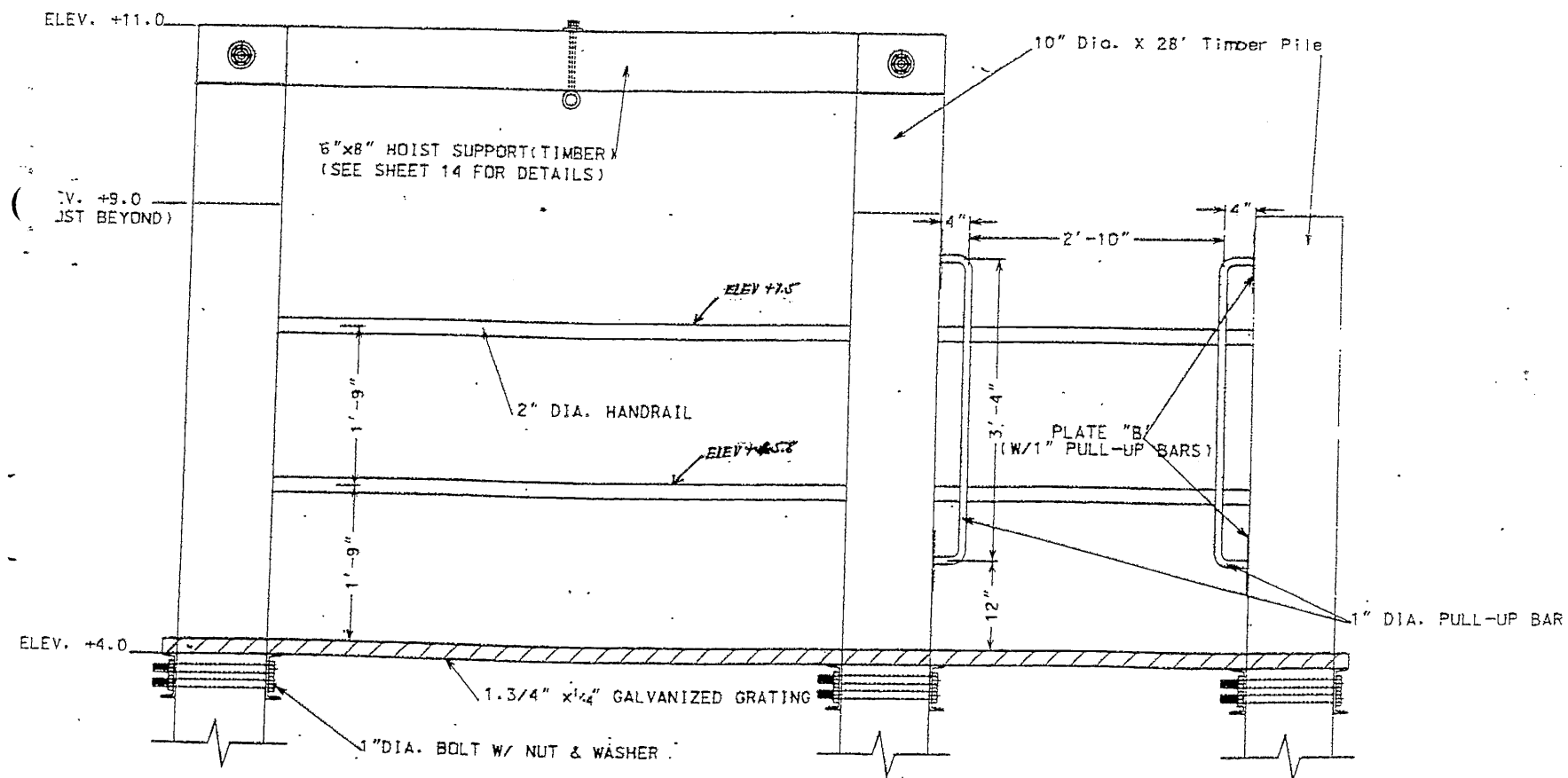
"AS-BUILT"



PLAN AND PROFILE - SITE NO. 14	
CONSTRUCTION UNIT NO. 2	
BRADY CANAL HYD. REST. - PTE-26B	
TERREBONNE PARISH, LOUISIANA	
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	
DATE	TITLE
APPR.	
DESIGNED	C.E. Lofleur
DRAWN	A. J. Gremillion
TRACED	James N. Moore
CHECKED	James N. Moore
DATE	2/98
APPROVED BY	
DATE	2/98
TITLE	
DATE	2/98
TITLE	
DATE	2/98
TITLE	
CAD FILE NO.	Site#14
DRAWING NO.	LA-231
SHEET NO 10 OF 23	



SITE NO. 14 - DECKING DETAIL (PLAN VIEW)

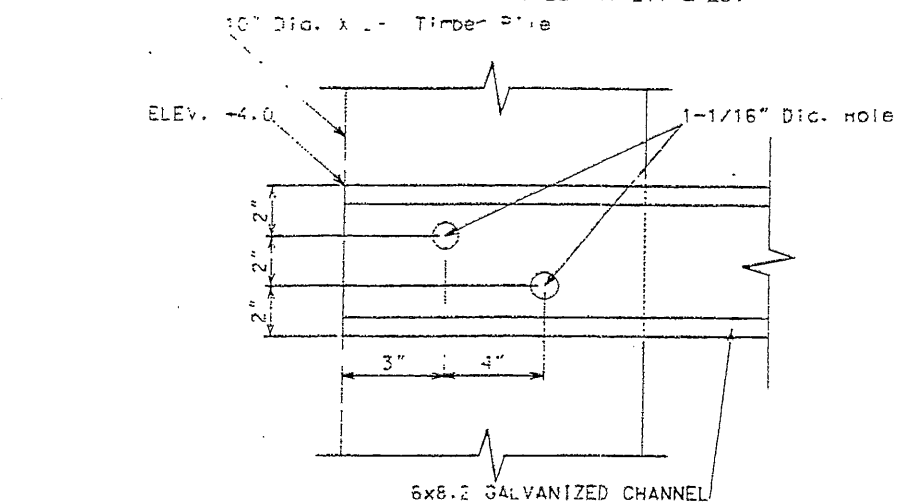
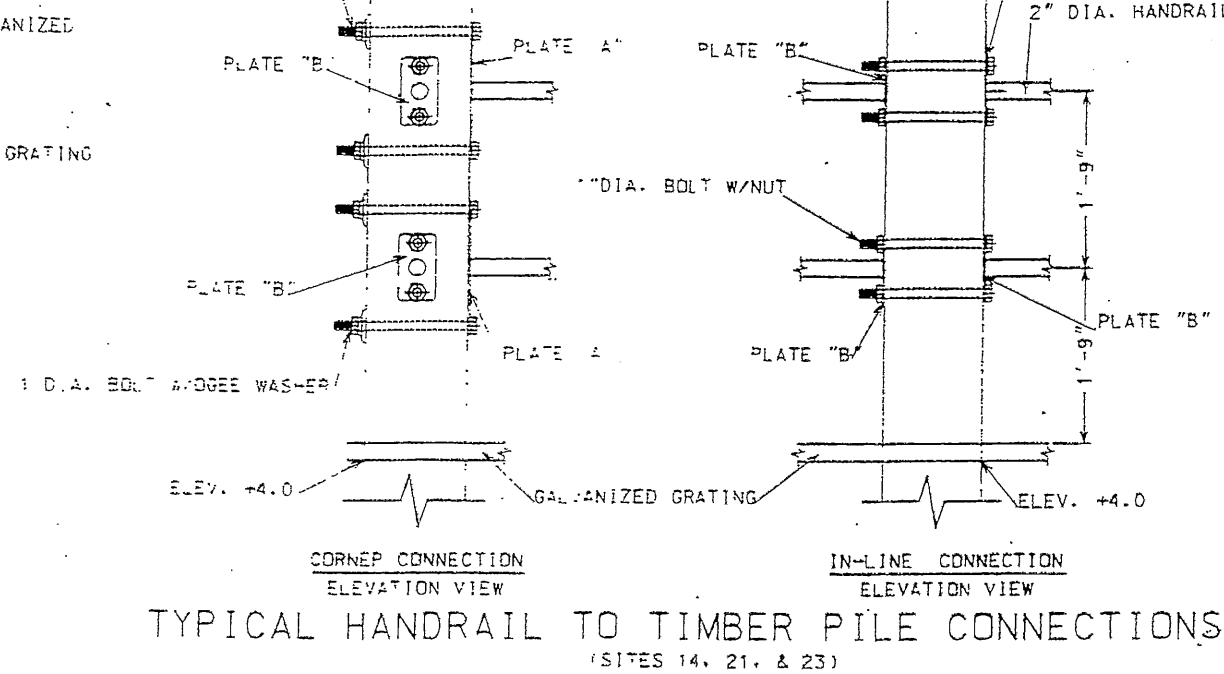


SITE NO. 14 - DECKING DETAIL (ELEVATION VIEW)

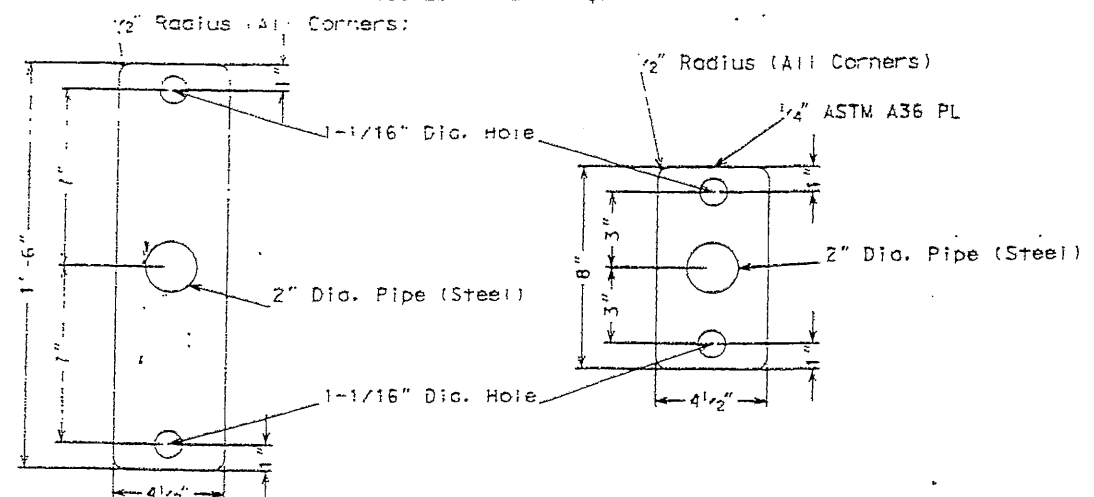
NOTES:

1. ALL TIMBER PILES FOR SITE 14 SHALL BE ASTM D25 10" DIA. x 28'
2. ALL PILES FOR SITE 14 SHALL BE CAPPED AS SHOWN IN THE DETAIL ON SHEET 16.
3. GALVANIZED GRATING SHALL BE ATTACHED PER MANUFACTURER'S RECOMMENDATIONS.
4. SEE SPECIFICATION 82, METAL FABRICATION AND INSTALLATION FOR ADDITIONAL REQUIREMENTS.

(NOT TO SCALE)

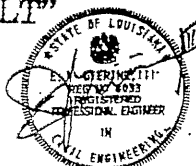


CHANNEL TO TIMBER PILE CONNECTION-TYPICAL
(SITES 14, 21, & 23)



HANDRAIL CONNECTION PLATES-TYPICAL
(SITE 14, 21, & 23)

"AS-BUILT"



REVISIONS DATE APPR. TITLE	DECKING DETAILS - SITE NO. 14 CONSTRUCTION UNIT NO. 2		Approved by Date 2/98 Title
	BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		Designed C.E. Lafleur Drawn A. J. Grenillion Traced Checked James N. Moore
	U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		Date 2/99 Title
	CAD FILE NO. DECK-14 DRAWING NO. LA-231 SHEET NO. 11 OF 23		

Sta. 0+75
Begin Structure
N. 81° 24' 37"
E. 34° 04' 46"

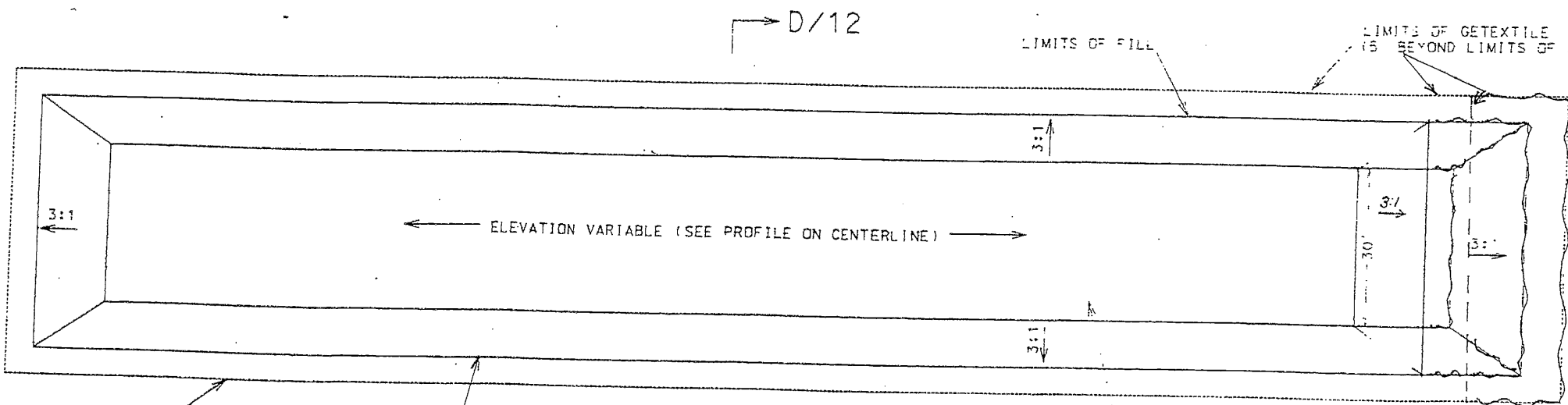
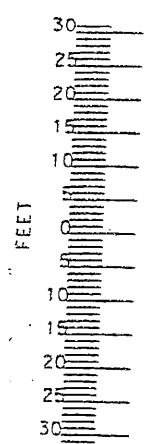
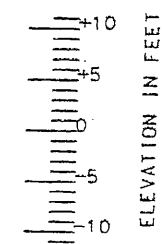
Sta. 2+55
End Structure
N. 81° 24' 37"
E. 34° 04' 46"

SEE SHEET 20 AND 21 FOR WARNING SIGN DETAILS

EXISTING CHANNEL BOTTOM

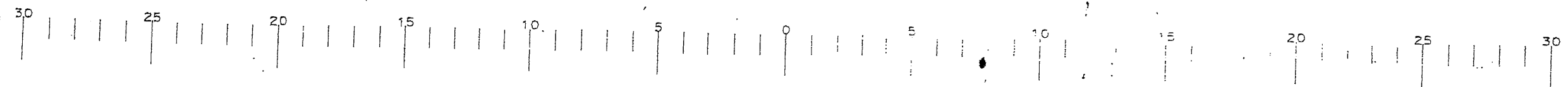
ROCK RIPRAP FILL (3' MINIMUM)

SITE NO. 20 - PROFILE ON CENTERLINE



SITE NO. 20 - PLAN VIEW

CONSTRUCTION LIMITS	
Construction Width	Construction Length
450 ft	300 ft
ESTIMATED QUANTITIES	
Rock Riprap	1300 Tons
Geotextile	1290 SY



ROCK RIPRAP FILL (3' MINIMUM)

ELEVATION VARIABLE (SEE PROFILE ON CENTERLINE)

5'

5'

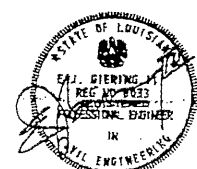
SECTION "D-D/12"

GEOTEXTILE

LIMITS OF GEOTEXTILE

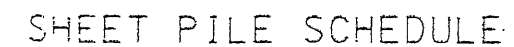
(NOT TO SCALE)

"AS-BUILT"



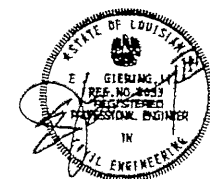
PLAN AND PROFILE - SITE NO. 20 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
DESIGNED C.E. Lofleur	DATE 7/98	APPROVED BY Title
DRAWN A. J. Gremlion	DATE 7/98	TITLE
TRACED James N. Moore	DATE 7/98	TITLE
CHECKED James N. Moore	DATE 7/98	TITLE
CAD FILE NO. SITE#20-2		DRAWING NO. LA-231
SHEET NO 12 OF 23		SHEET NO 12 OF 23

AS PER DETAILS ON SHEET 6



SHEET PILING NO.	IN-PLACE LENGTH	LINEAR FEET	MINIMUM IN ³ /FT	SUBTOTALS (FT. SQ)
①	18'	70'	17	1266
②	28'	30'	17	840
				185.8
				901.6

CONSTRUCTION LIMITS	
Construction Width	Construction Length
250 ft	200 ft



"AS-BUILT"

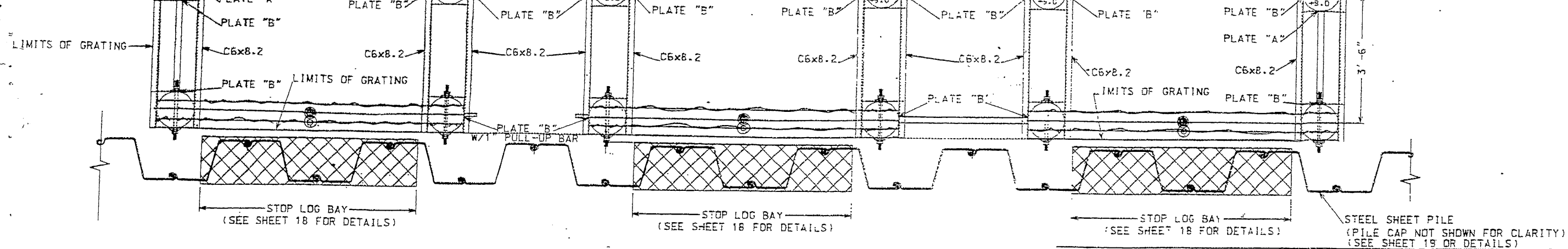
(NOT TO SCALE)

PLAN AND PROFILE - SITE NO. 21
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA
RICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

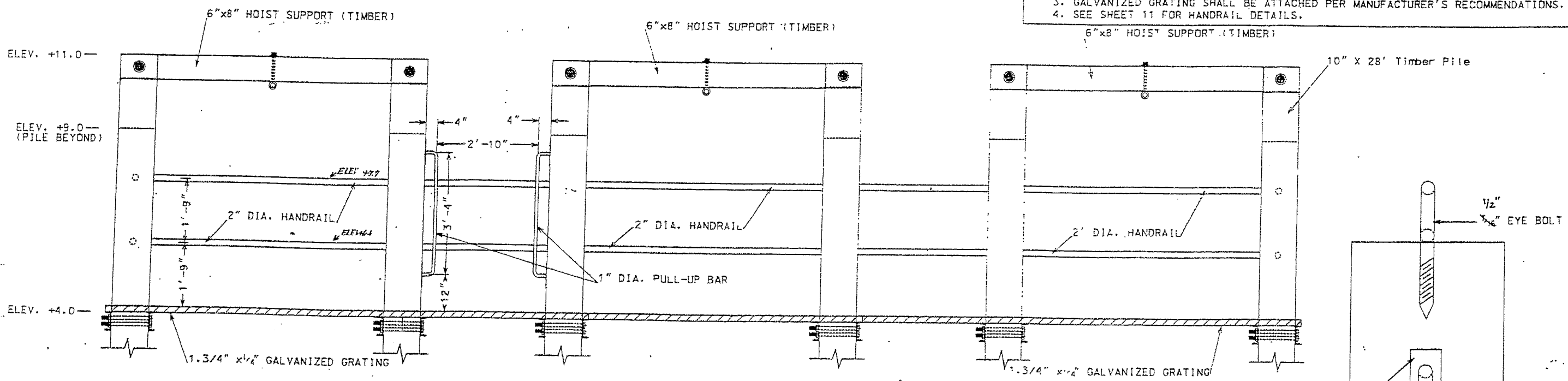
Designed	Date	Approved by
C. E. Lafleur	2/38	
Drawn A. J. Gremillion	2/98	Title
Issued		
Checked James N. Moore	2/99	Title

[illegible]

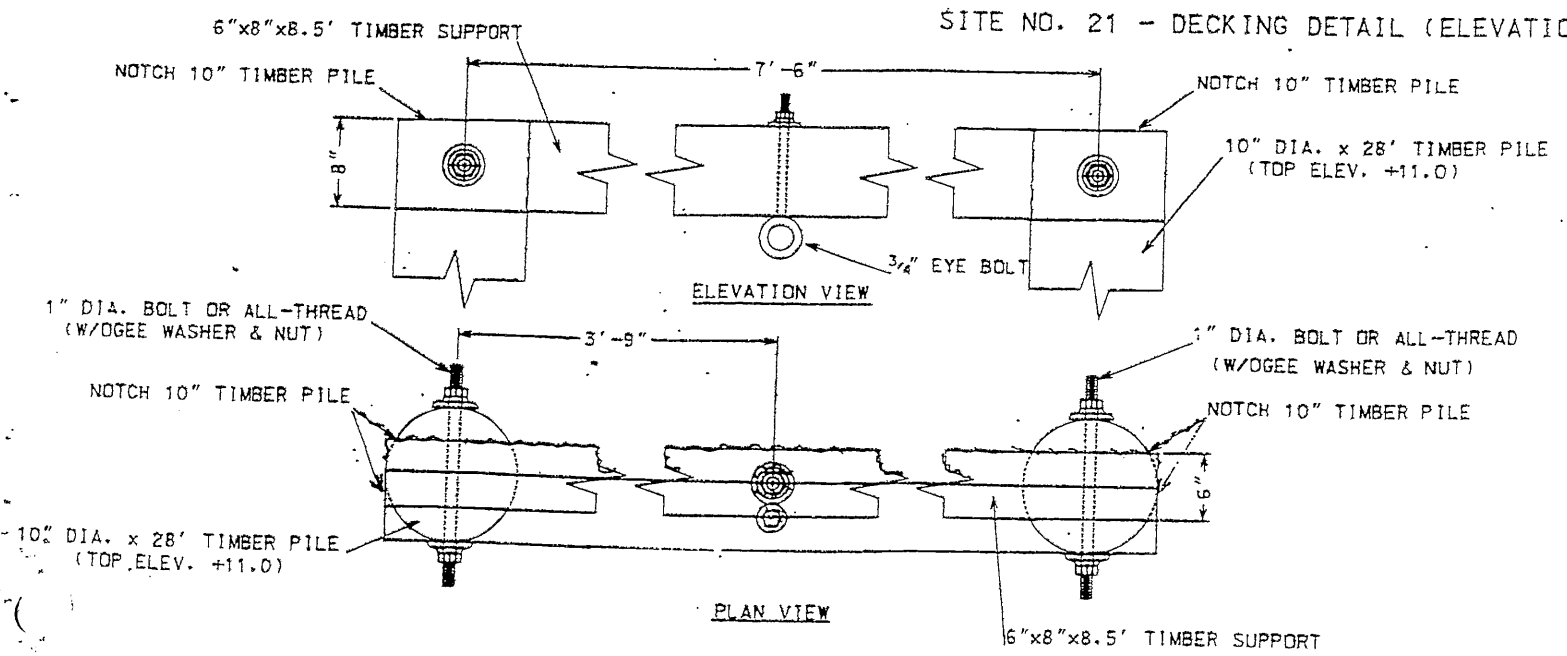


SITE NO. 21 - DECKING DETAIL (PLAN VIEW)

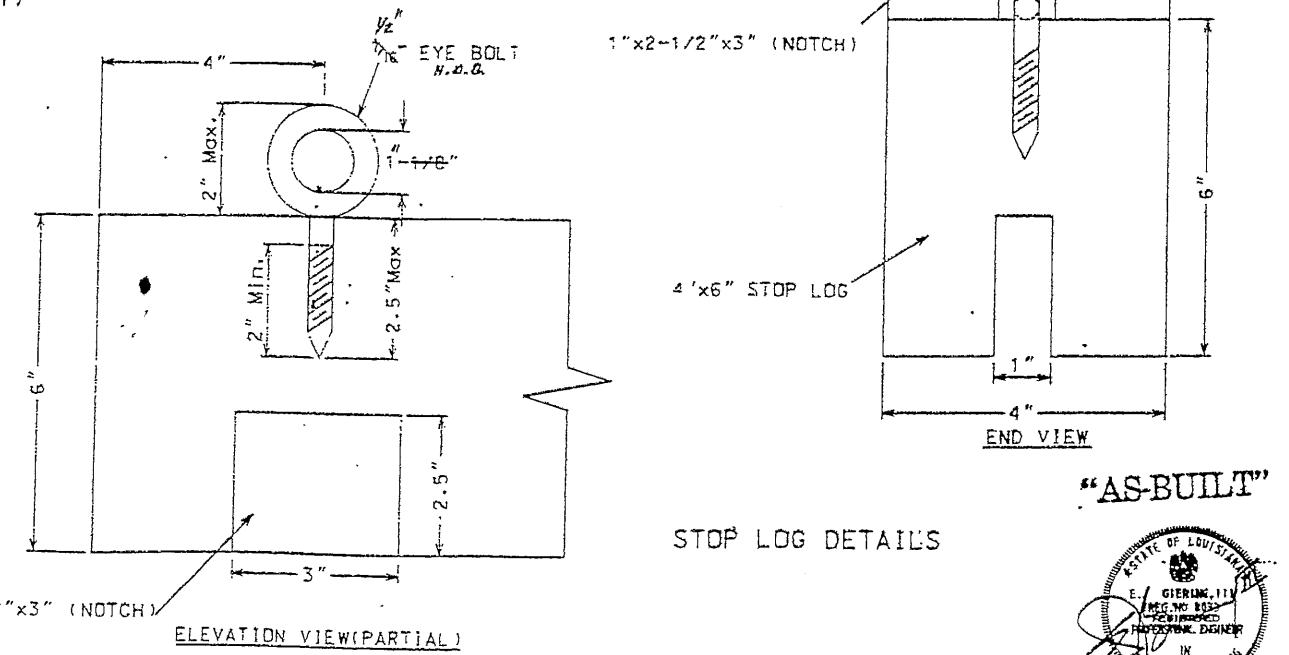
- NOTES:
1. ALL TIMBER PILES FOR SITE 21 SHALL BE 10" DIA. x 28'.
 2. ALL PILES FOR SITE 21 SHALL BE CAPPED AS SHOWN IN THE DETAIL ON SHEET 16.
 3. GALVANIZED GRATING SHALL BE ATTACHED PER MANUFACTURER'S RECOMMENDATIONS.
 4. SEE SHEET 11 FOR HANDRAIL DETAILS.



SITE NO. 21 - DECKING DETAIL (ELEVATION VIEW)



HOIST SUPPORT DETAILS
(SITES 14, 21, & 23)



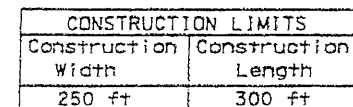
STOP LOG DETAILS

"AS-BUILT"



Date 2/98		Approved by Title	
C.E. of Jour A. J. Gremillion		Title	
Designed Drawn Traced Checked		James N. Moore Title	
DECKING DETAILS - SITE NO. 21 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA			
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE			
REVISIONS DATE APPR.	TITLE	CAD FILE NO. DECK-21	
DRAWING NO. LA-231		SHEET NO. 14 OF 23	

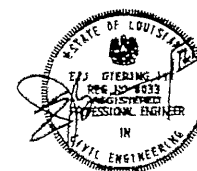
EARTHEN WINGWALL TO BE INSTALLED
AS PER DETAILS ON SHEET 6.



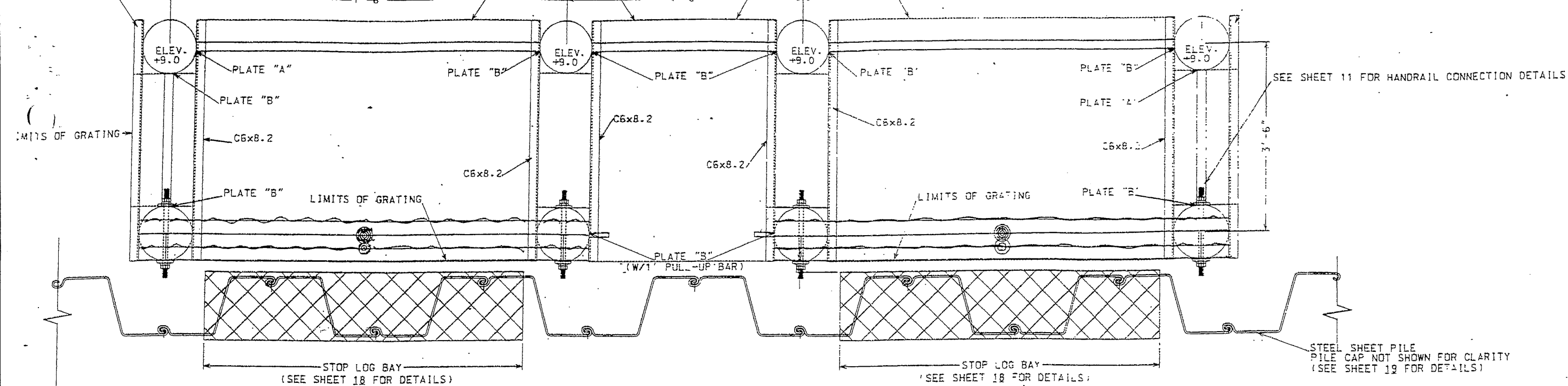
SITE NO. 23 - PROFILE ON CENTERLINE
(SEE AS BUILT DRAWING SHEET 23A01.DWG)
CONST. UNIT * 2



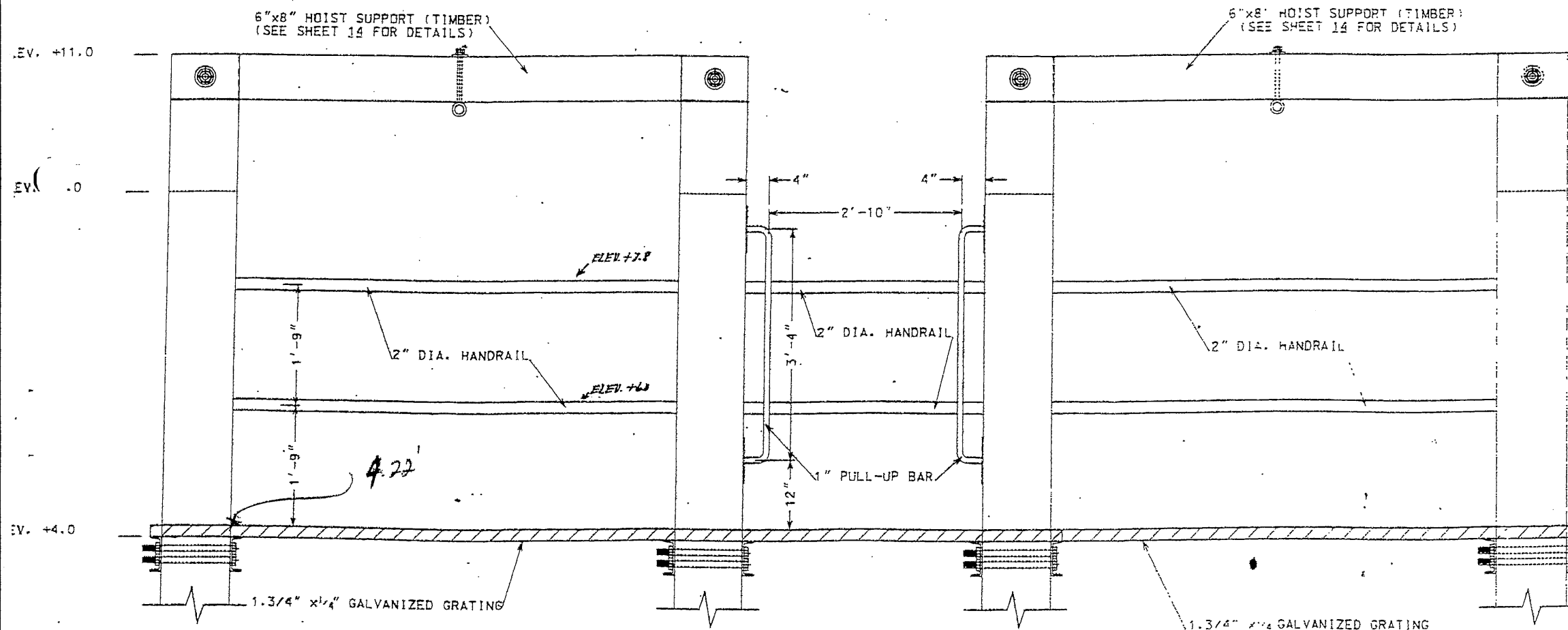
"AS-BUILT"



DATE		REV. NO.		TITLE	
PLAN AND PROFILE - SITE NO. 23 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA					
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE					

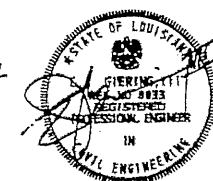
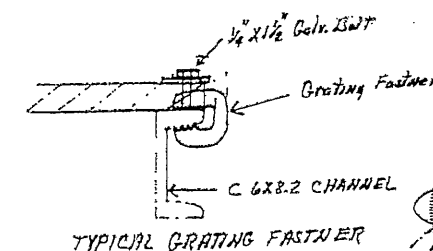
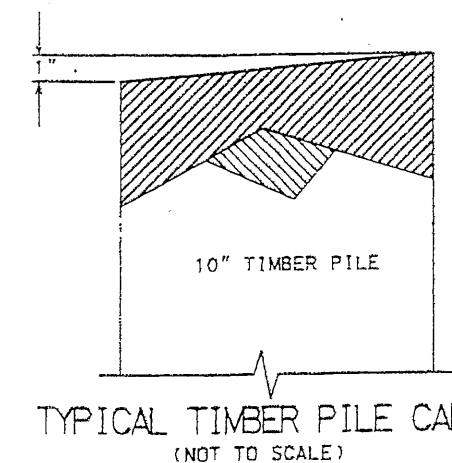


SITE NO. 23 - DECKING DETAIL (PLAN VIEW)



SITE NO. 23 - DECKING DETAIL (ELEVATION VIEW)

COAT TOP OF PILE WITH COAL TAR EPOXY PAINT PRIOR TO PLACING CAP
24"x24"x26 GA. ALUMINUM FLASHING (ATTACH USING GALVANIZED OR STAINLESS NAILS)



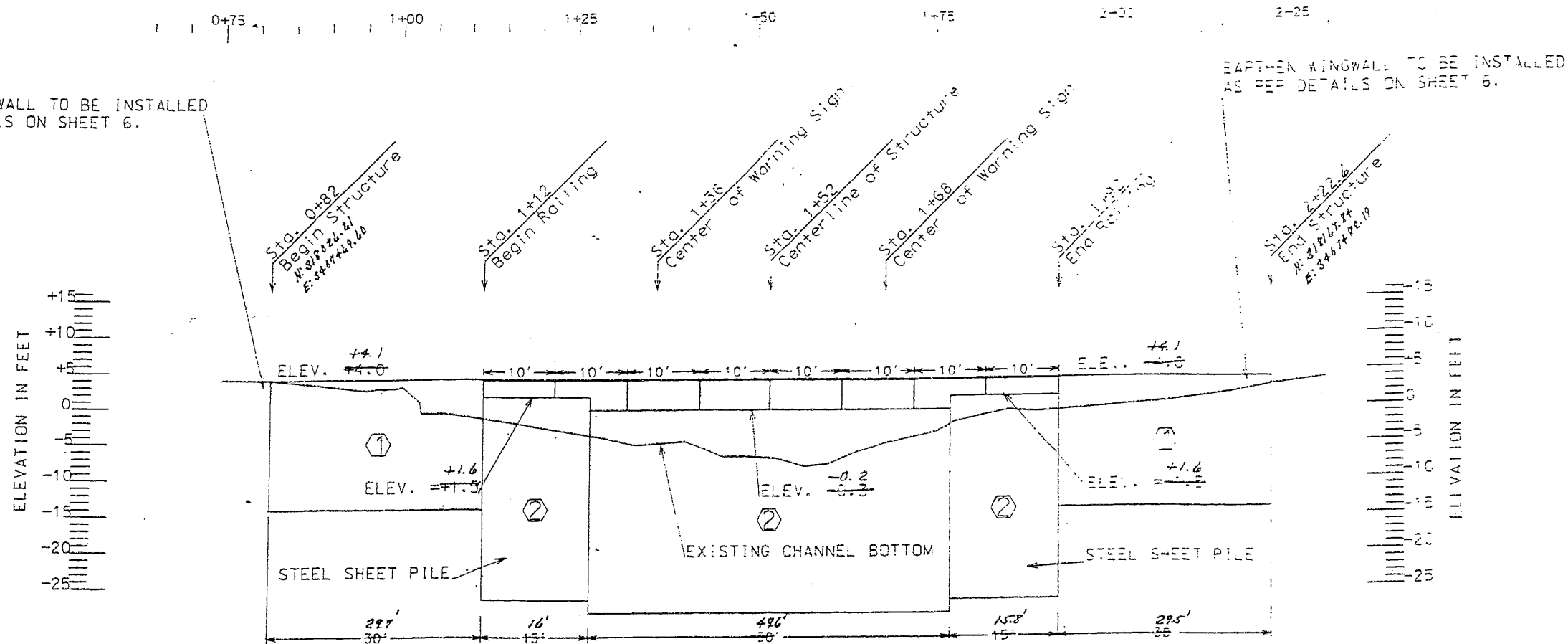
"AS-BUILT"

- NOTES:
1. ALL TIMBER PILES FOR SITE 23 SHALL BE 10" DIA. x 28'.
 2. ALL PILES FOR SITE 23 SHALL BE CAPPED AS SHOWN IN THE DETAIL ON SHEET 16.
 3. GALVANIZED GRATING SHALL BE ATTACHED PER MANUFACTURER'S RECOMMENDATIONS.

(NOT TO SCALE)

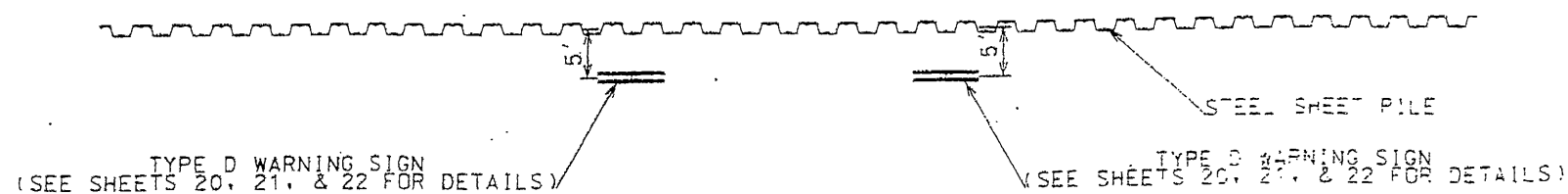
REVISIONS	DATE	APPR.	TITLE
DESIGNED: C.E. Lofleur DRAWN: A. J. Gremillion CHECKED: James N. Moore DATE: 2/98 APPROVED BY: 2/98 TITLE:			
DECKING DETAILS - SITE NO. 23 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE			
CAD FILE NO. DECK-23 DRAWING NO. LA-231 SHEET NO 16 OF 23			

EARTHEN WINGWALL TO BE INSTALLED
AS PER DETAILS ON SHEET 6.



SEE SHEET 20 AND 22 FOR WARNING SIGN DETAILS

SITE NO. 24 -- PROFILE ON CENTERLINE

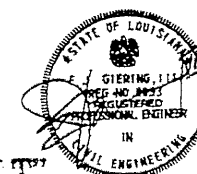


SITE NO. 24 -- PLAN VIEW
(PILE CAP NOT SHOWN FOR CLARITY.)

SHEET PILE SCHEDULE

SHEET PILING NO.	IN-PLACE LENGTH	LINEAR FEET	MINIMUM IN ³ /FT	SUBTOTALS (FT. SQ)	
①	18'	60'	17	+080	1065.6
②	28'	80'	17	-2240	2279.2

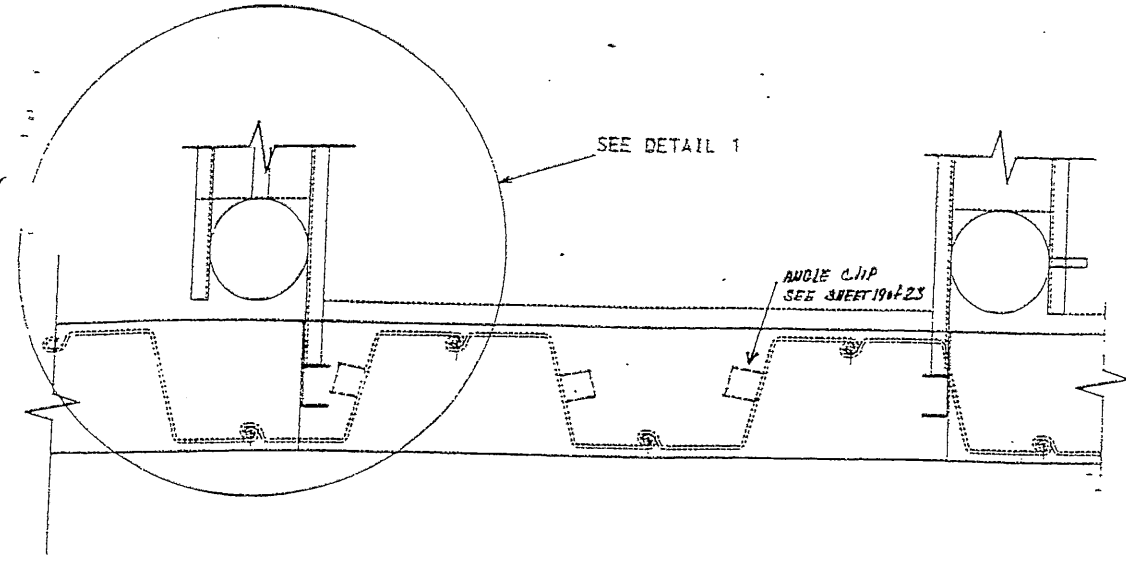
CONSTRUCTION LIMITS	
Construction Width	Construction Length
250 ft	250 ft



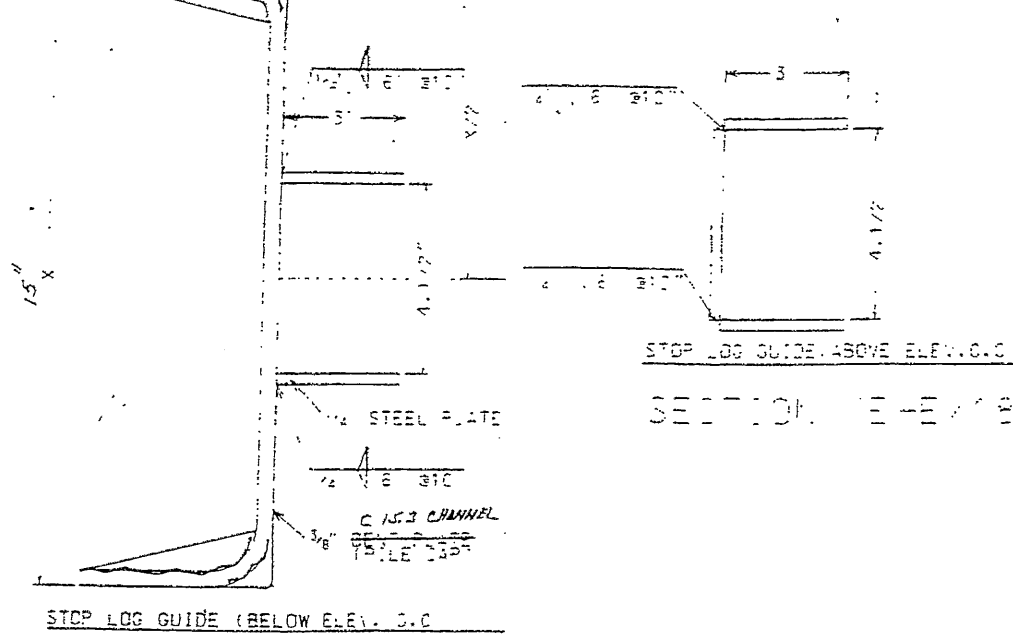
AS-BUILT

(NOT TO SCALE)

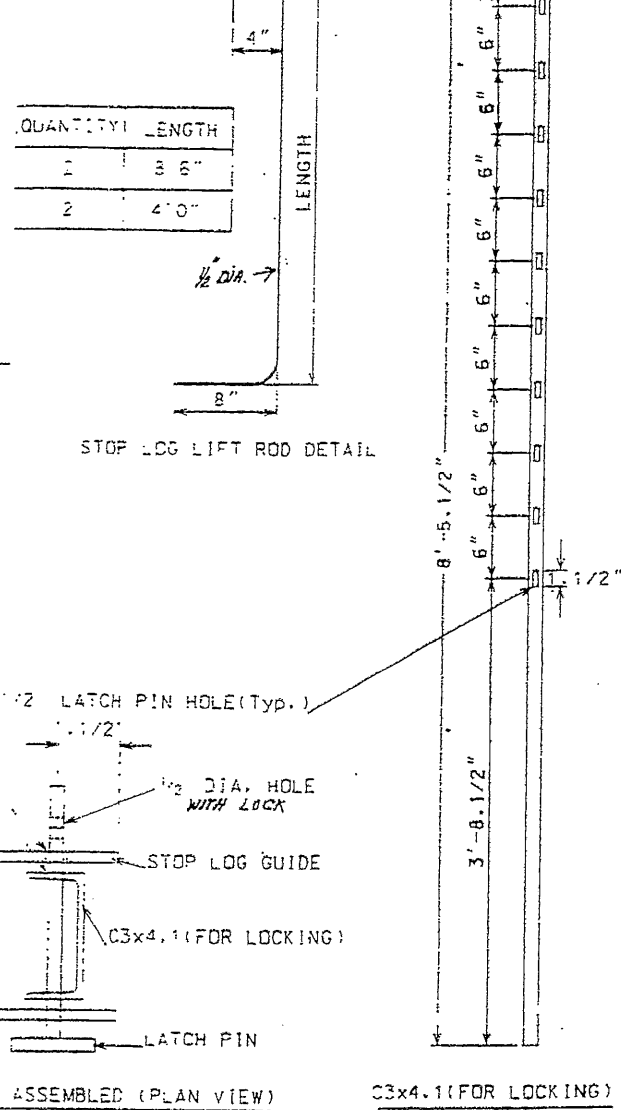
PLAN AND PROFILE - SITE NO. 24 CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA		U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
REVISIONS DATE APPR. TITLE	DESIGNED C.E. LaFleur DRAWN A. J. Gremillion TRACED James N. Moore CHECKED	DATE 2/98 TITLE 2/98 TITLE 2/98
CAD FILE NO. SITE#24-3 DRAWING NO. LA-231 SHEET NO 17 OF 23		



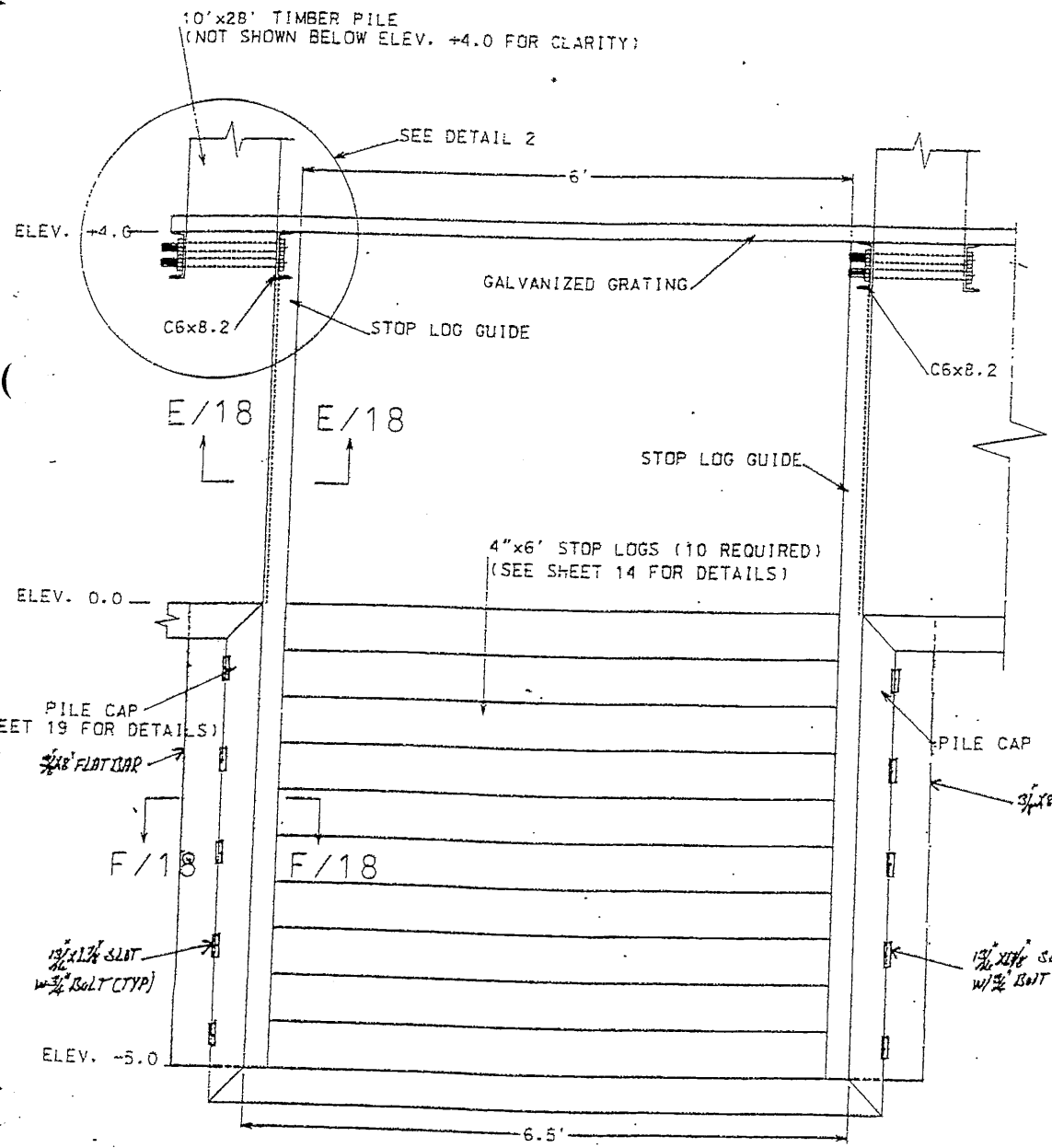
TYPICAL STOP LOG BAY - PLAN VIEW



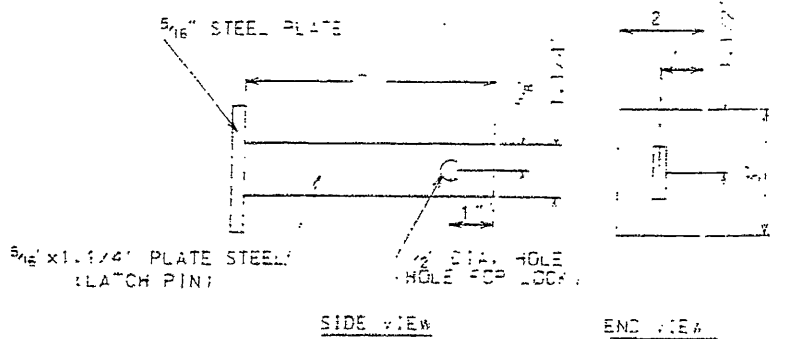
SECTION "F-F" 18



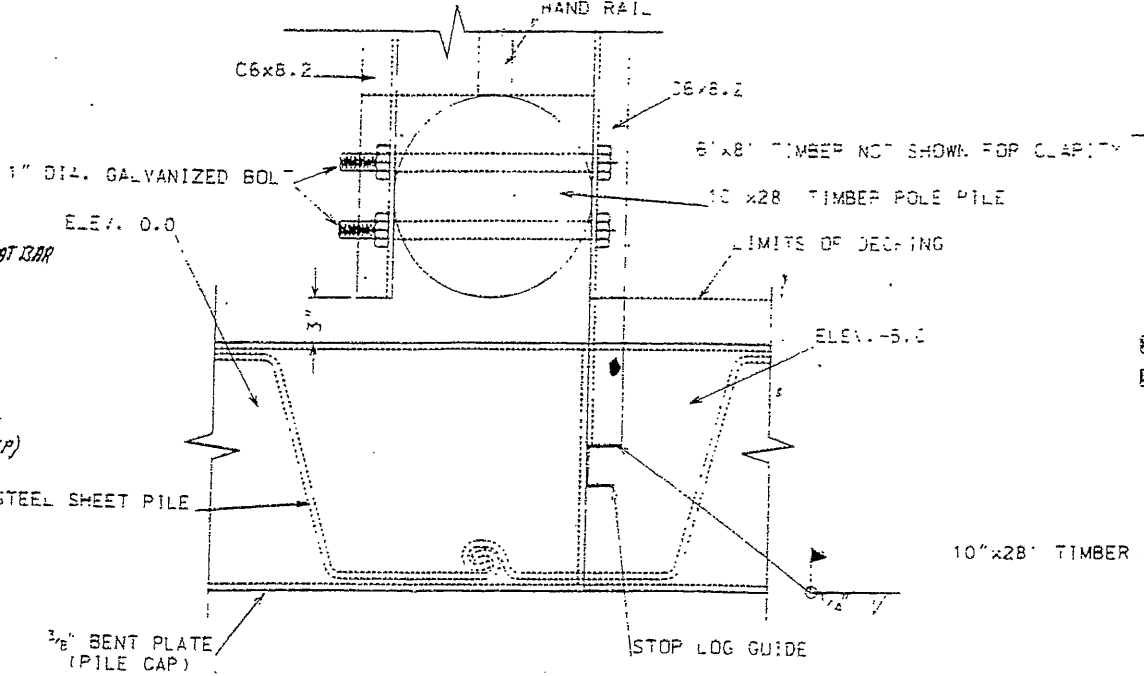
STOP LOG LOCKING DETAILS



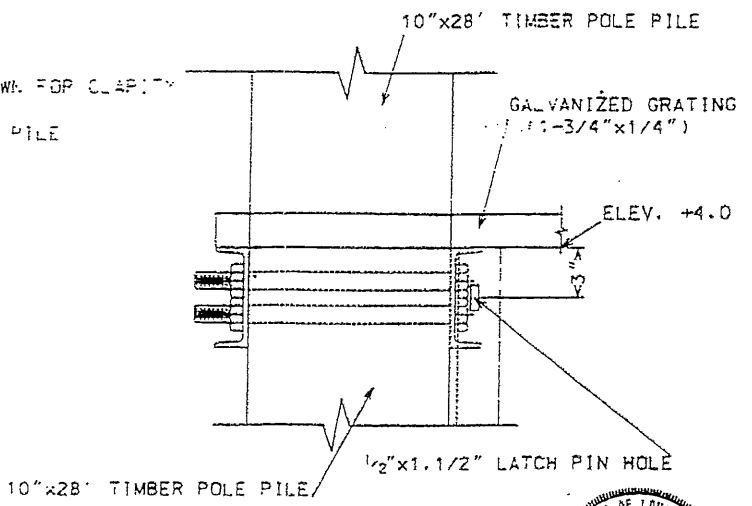
TYPICAL STOP LOG BAY - ELEVATION VIEW



LATCH PIN DETAILS



DETAIL 1



DETAIL 2

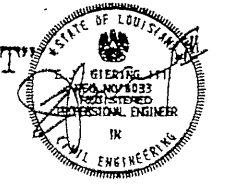
STOP LOG BAY DETAILS (TYPICAL)
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA

REVISIONS	DATE	APPR.	TITLE

CAD FILE NO. STOP-LOG-BAY-DRAWING NO. LA-231 SHEET NO 18 OF 23

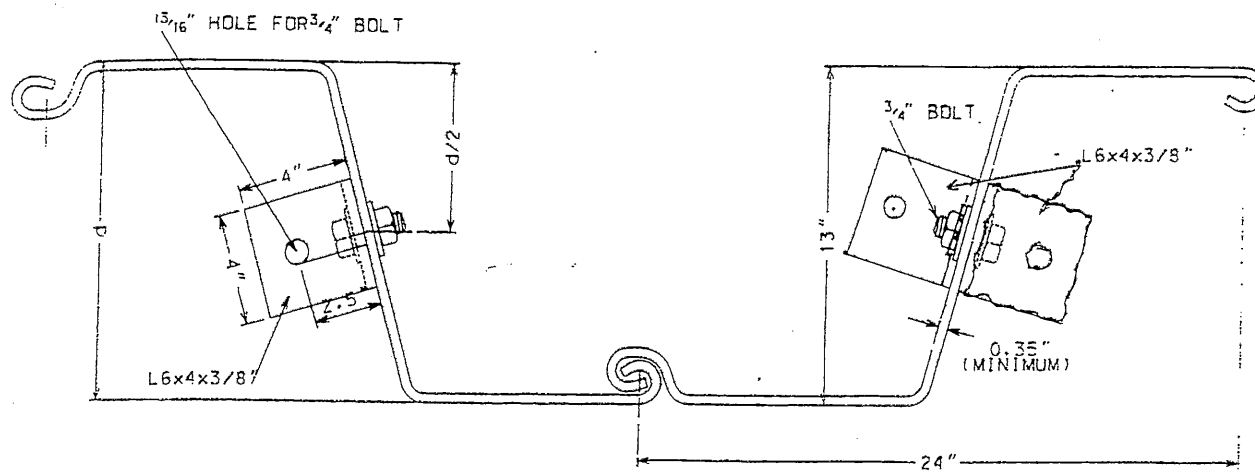
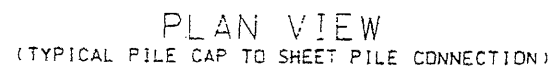
Designed	C. E. Lafleur	Approved by	
Drawn	A. J. Gremillion	Title	
Traced			
Checked	James N. Moore	Title	

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

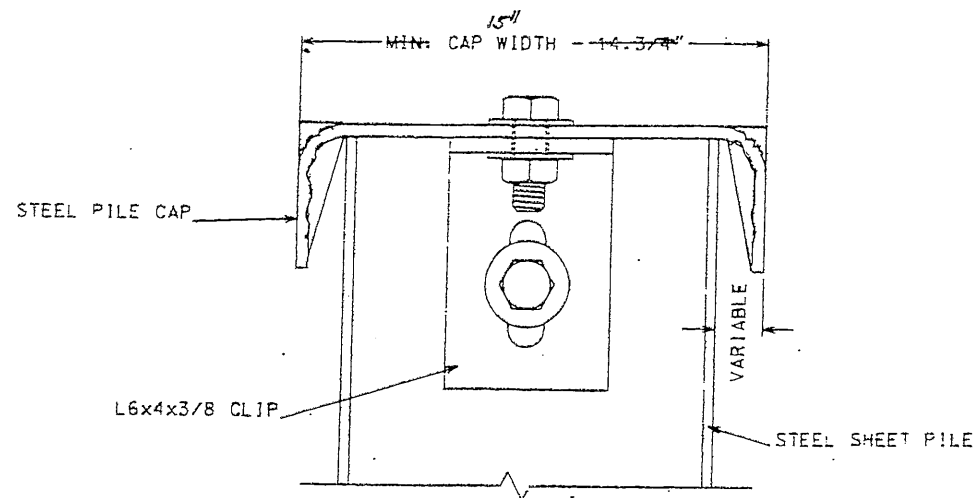


"AS-BUILT"

(NOT TO SCALE)



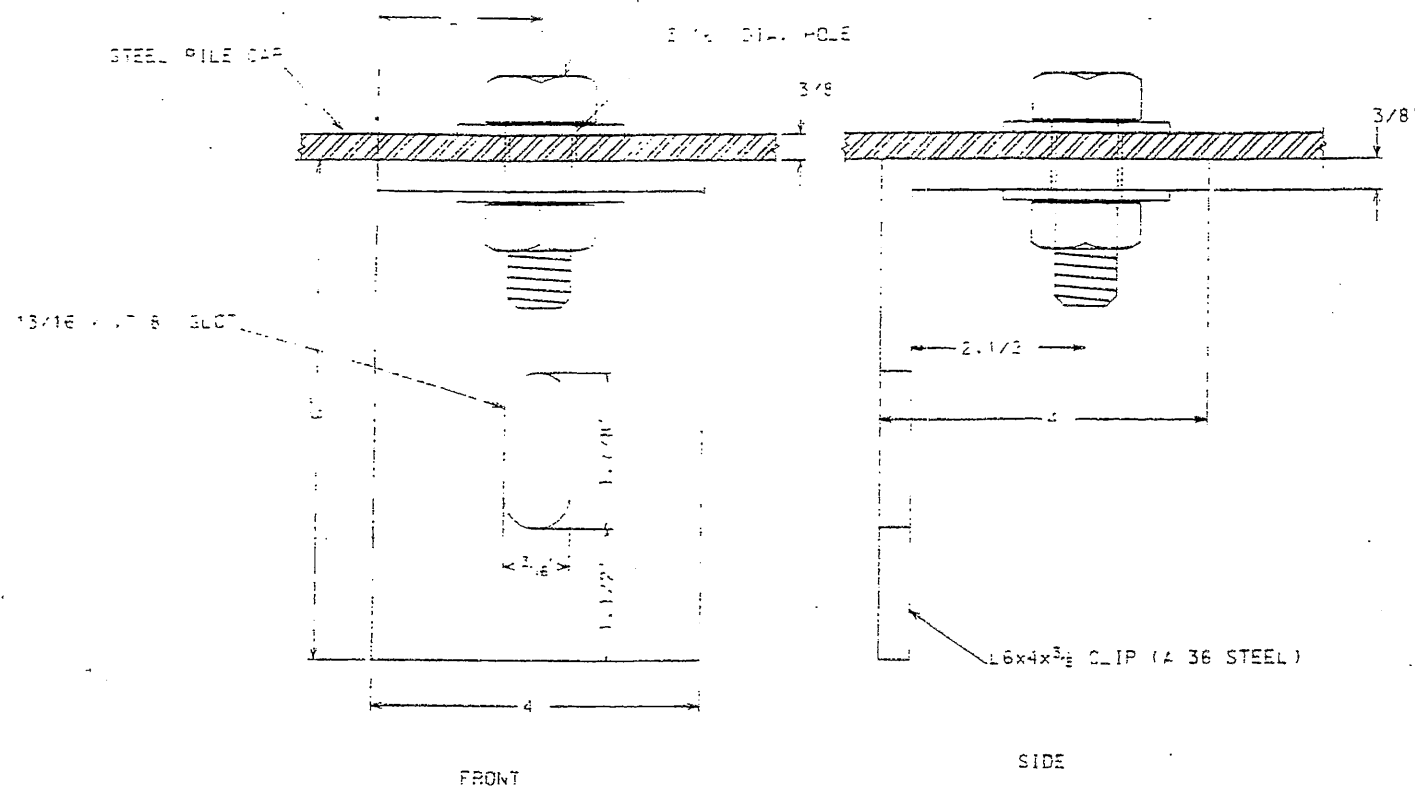
TYPICAL SHEET PILE DETAIL
(NORMAL CONFIGURATION)



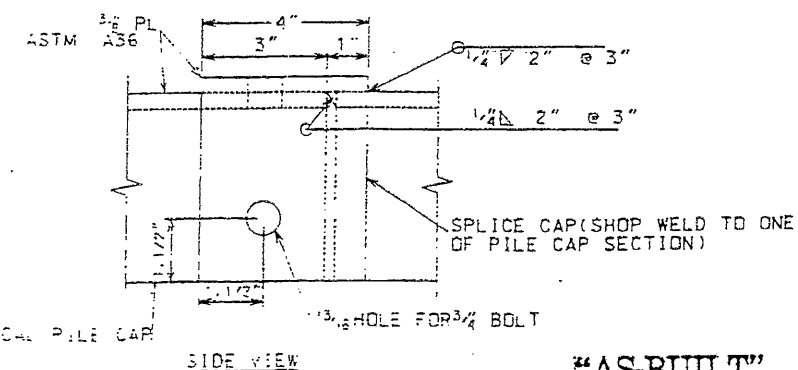
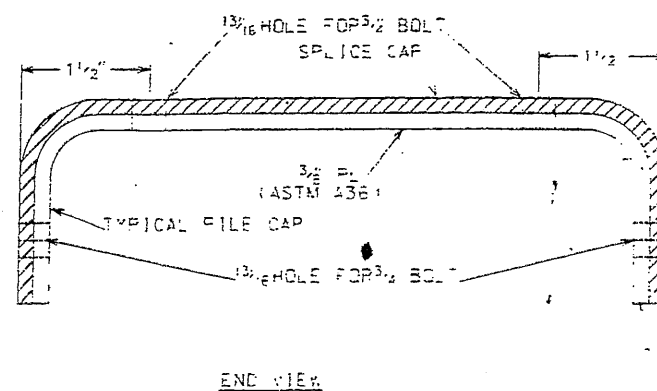
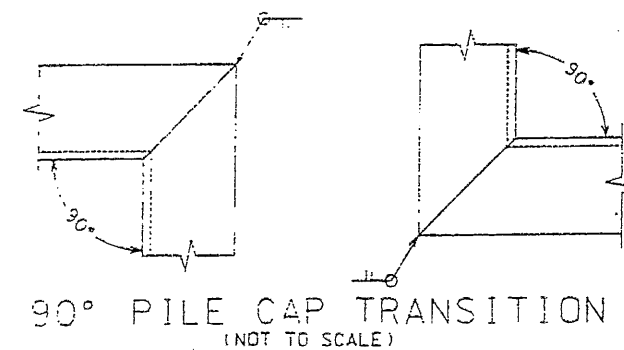
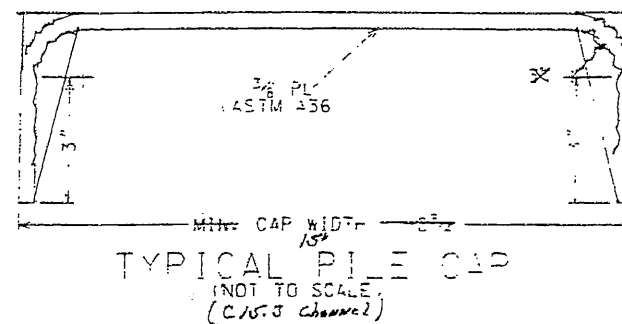
TYPICAL PILE CAP TO SHEET PILE CONNECTION
(SIDE VIEW)

NOTES:

1. THE MINIMUM WEB AND FLANGE THICKNESS OF SHEET PILES SHALL BE 0.35".
2. THE CONTRACTOR SHALL SUBMIT A METHOD OF CONNECTING THE PILE CAP TO THE SHEET PILE AND ALL DRAWINGS FOR APPROVAL 14 DAYS PRIOR TO FABRICATION.
3. STEEL SHEET PILE SHALL CONFORM TO ASTM A328 OR ASTM A572, GR. 50. ALL CHANNEL, ANGLES AND PLATES SHALL CONFORM TO ASTM A36. THE SHEET PILE AND PILE CAP SHALL BE COATED WITH COAL TAR EPOXY AS SPECIFIED BY CONST. SPEC. 82.
4. ALL SHEET PILE DIMENSIONS ARE TYPICAL, AND ARE SUBJECT TO CHANGE BASED ON MANUFACTURER/SUPPLIER.
5. SHEET PILE WILL BE DRIVEN IN THE "NORMAL CONFIGURATION" AS SHOWN.
6. THE HOLES IN THE SHEET PILE SHALL BE FIELD DRILLED.
7. THE L 6x4x3/8" CLIPS ARE TO BE PLACED ON THE MIDDLE SECTION OF EACH PILE AS SHOWN IN THE DRAWINGS.
8. PILE CAP SHALL BE PLACED ALONG THE ENTIRE LENGTH OF THE SHEET PILE INCLUDING VERTICAL SECTIONS AND THE BOTTOM OF THE WEIR BAYS.



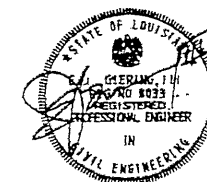
16 x 4 x 3/8" (CLIP)



FILE CAP SPLICE DETAILS
(NOT TO SCALE)

NOTE: THE CONTRACTOR SHALL BE ALLOWED TO UTILIZE AN APPROPRIATE STANDARD CHANNEL SECTION IN LIEU OF A FABRICATED PILE CAP. REFER TO CONSTRUCTION SPECIFICATION 81, METAL FABRICATION AND INSTALLATION FOR ADDITIONAL REQUIREMENTS

"AS-BUILT"

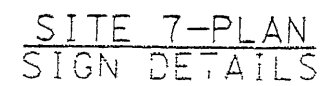
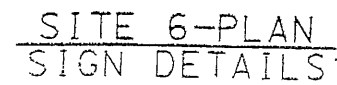


NOT TO SCALE

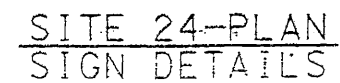
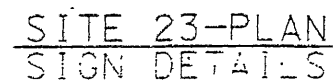
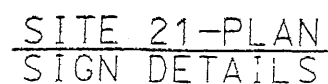
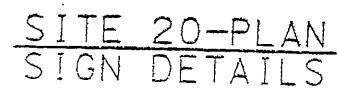
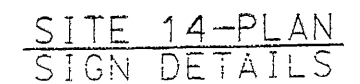
	Date	Approved
Designed C. E. Lafleur	2/98	
Drawn A. J. Gfemilton	2/98	
Traced		
Checked James N. Moore	2/99	

PILE CAP TO SHEET PILE - DETAILS
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA
CRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

[illegible]



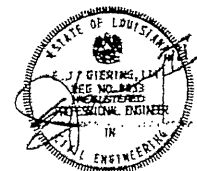
SITE 10-PLAN
SIGN DETAILS



50 0 50 100 150 200

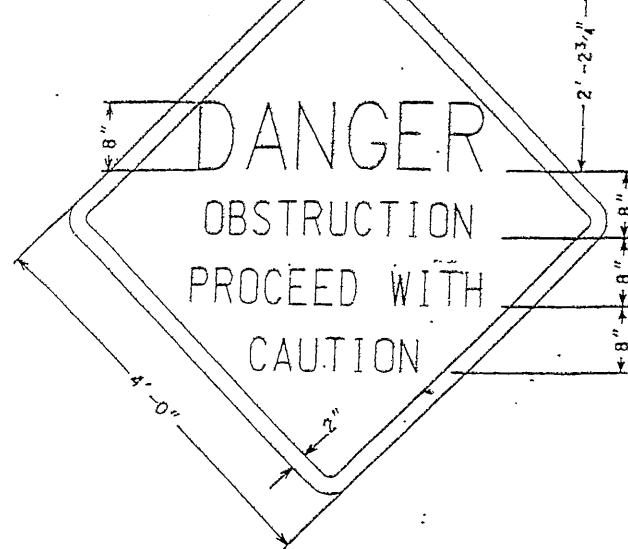
SCALE 1:1000

"AS-BUILT".

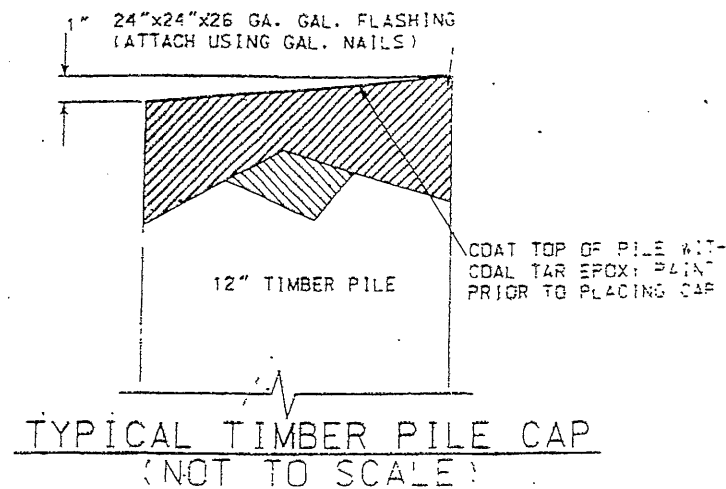
[illegible]

WARNING SIGN LOCATIONS
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PIE-26B
TERREBONNE PARISH, LOUISIANA
RICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

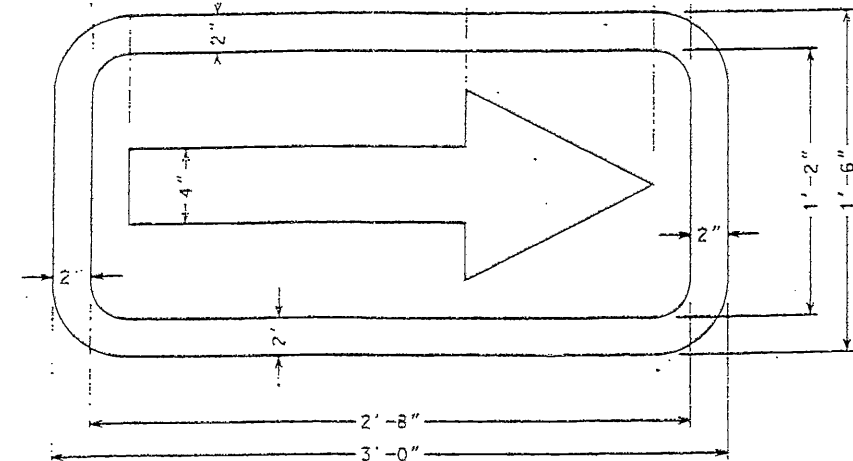
Date	
Designed	Charlie Laffew
Drawn	A. J. Grantliff
Traced	
Checked	James N. Moor a
Approved by	
Title	
Title	



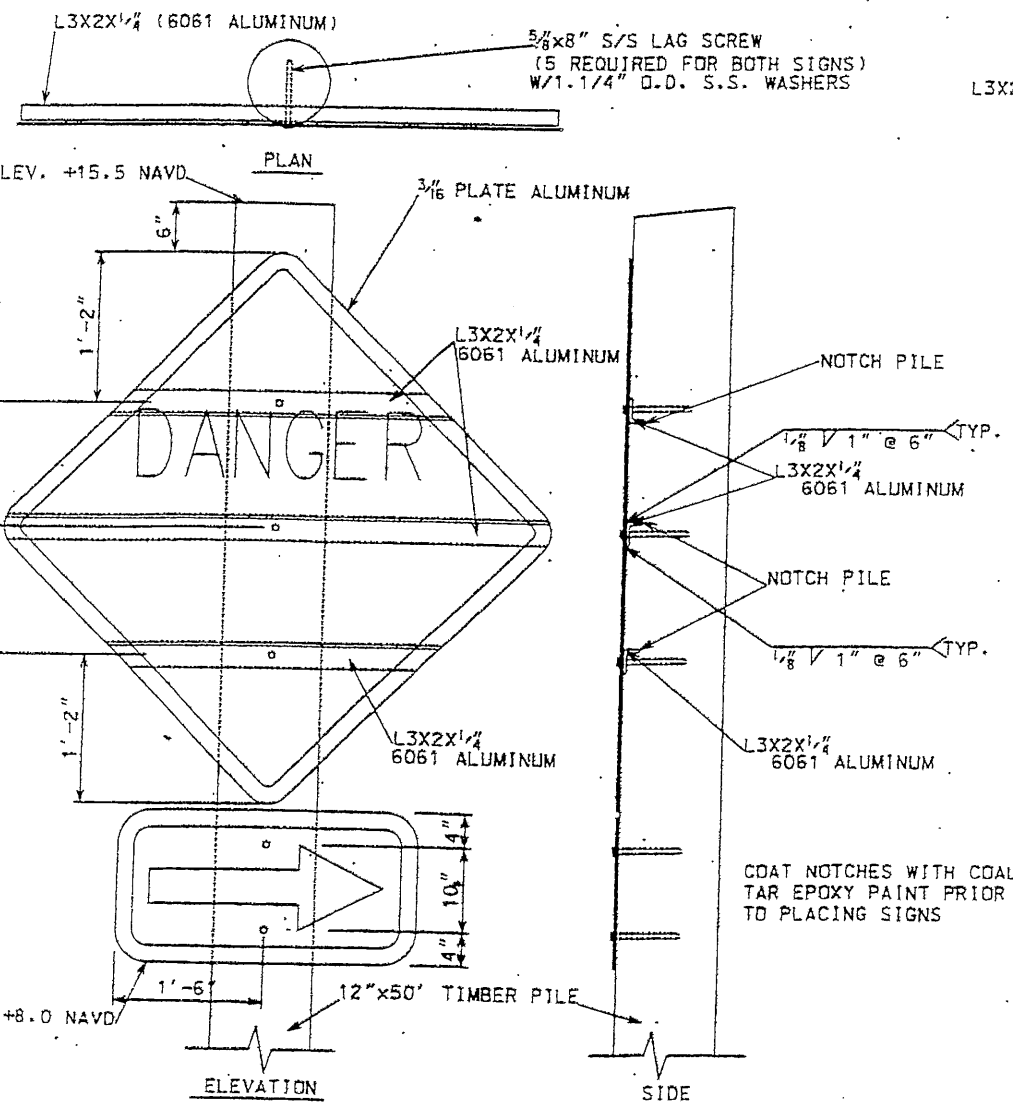
WARNING SIGN DETAILS
(USED WITH SIGN TYPE A AND B)



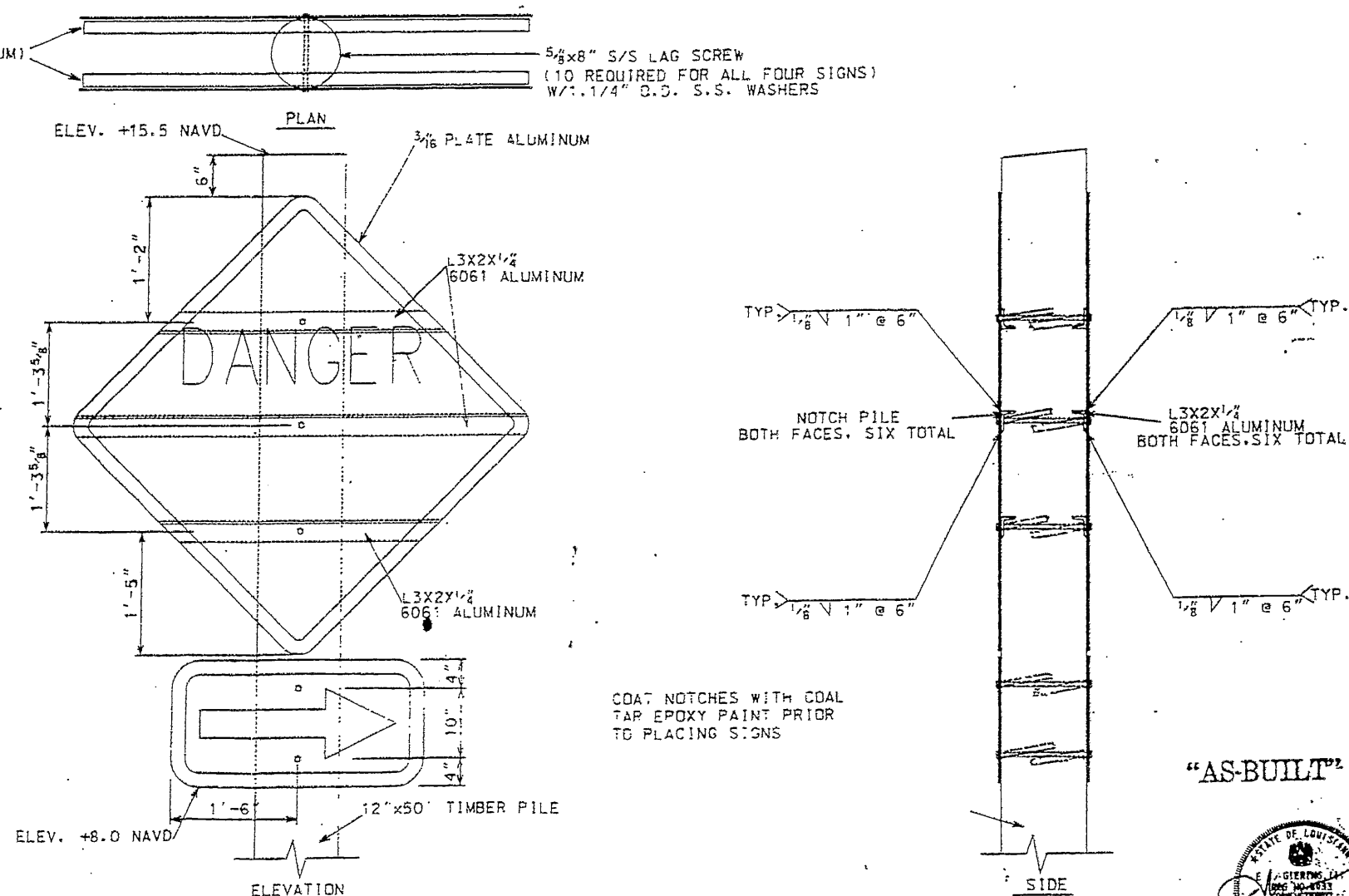
- NOTES:
1. SIGNS SHALL BE CONSTRUCTED USING $\frac{3}{16}$ " PLATE 6061 ALUMINUM.
 2. THE 2" BORDER SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR.
 3. THE LETTERING AND ARROW FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR.
 4. THE LETTERING AND ARROWS FOR THE SIGNS SHALL BE BLACK.



DIRECTIONAL SIGN DETAILS
(USED WITH SIGN TYPE A AND B)



SIGN TYPE A - DETAILS
(USED AT STRUCTURES 10 & 20)



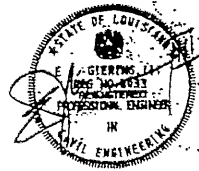
SIGN TYPE B - DETAILS
(USED AT STRUCTURE 6)

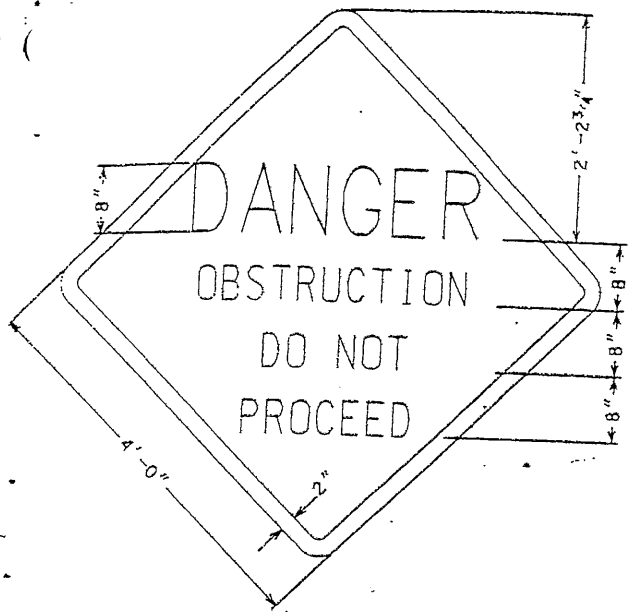
WARNING SIGN DETAIL
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA

REVISIONS	TITLE
DATE	APPR.
CAD FILE NO.	SIGN-DET1
DRAWING NO.	LA-231
SHEET NO.	21 OF 23

DESIGNED	DRAWN	TRACED	CHECKED	DATE	APPROVED BY
G. E. Lafleur	A. J. Gremillion	James N. Moore		2/98	
				2/98	
				2/99	

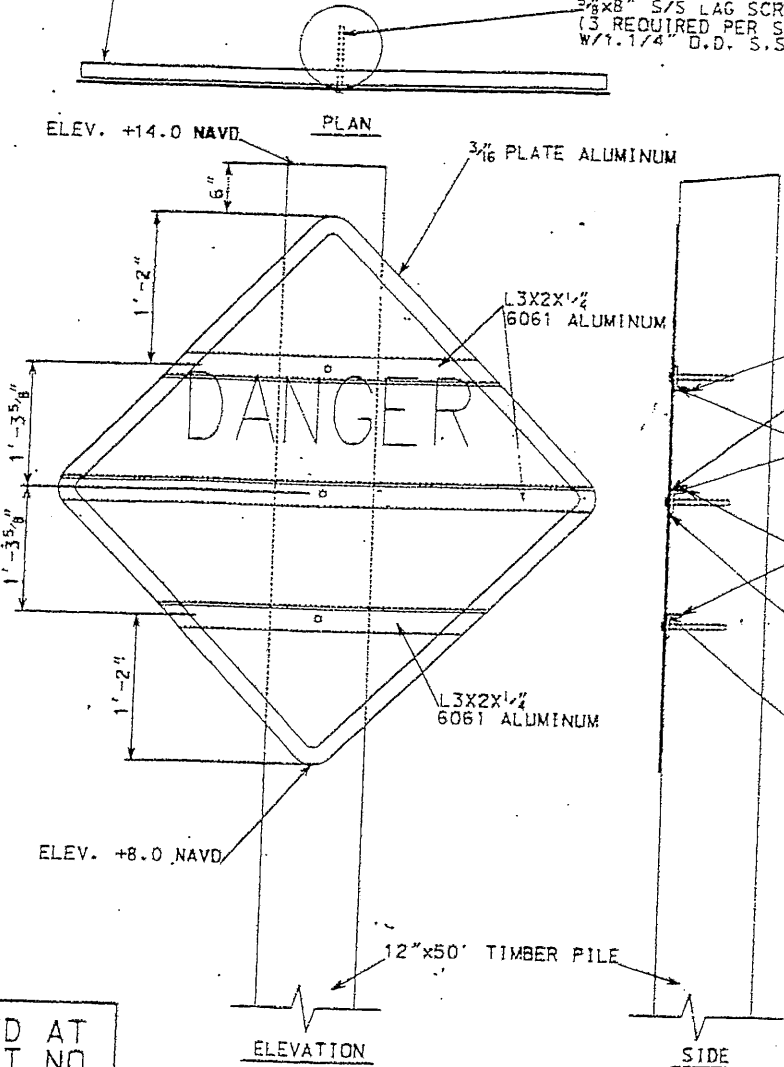
"AS-BUILT"



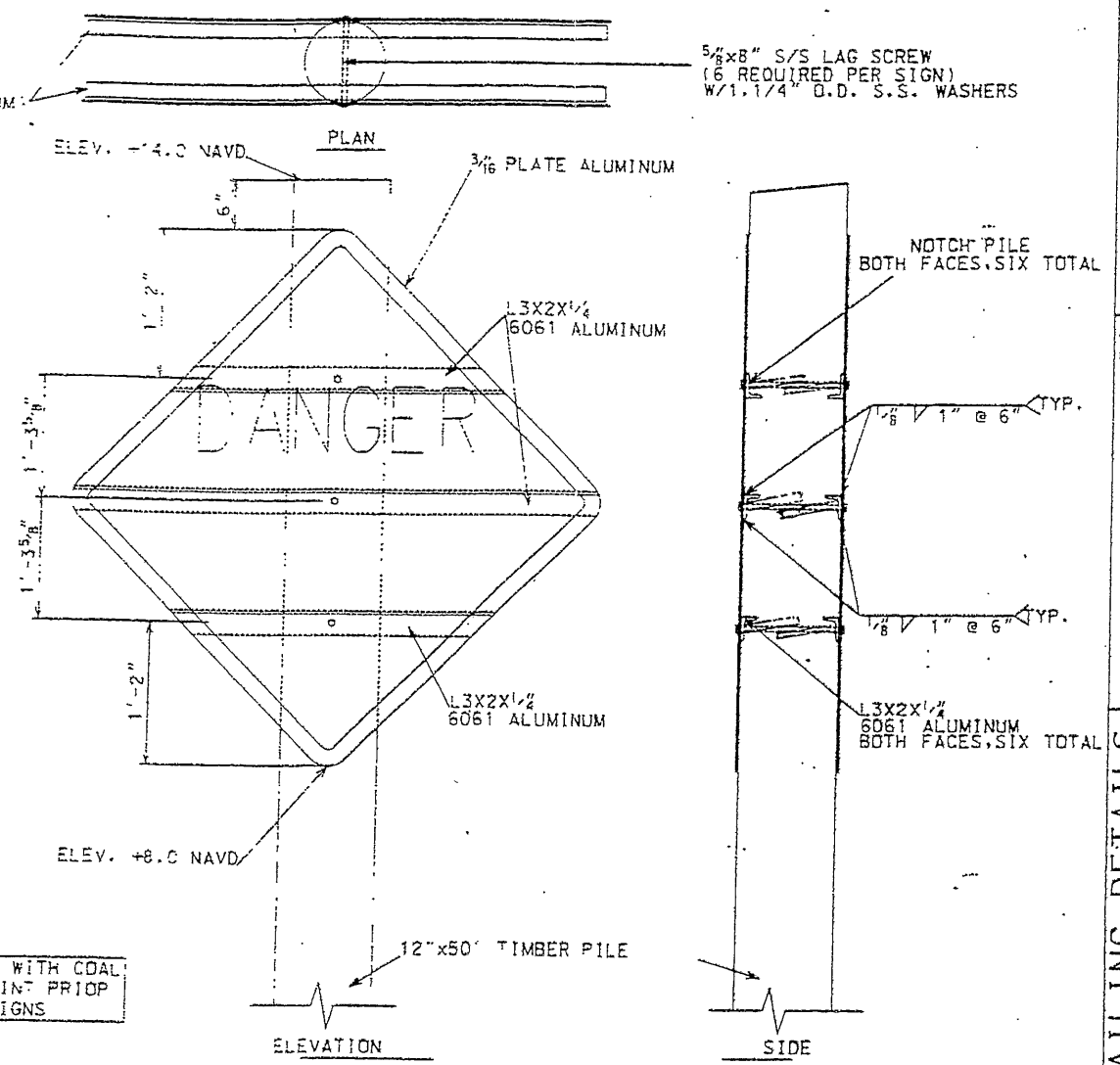


WARNING SIGN DETAILS
(USED WITH SIGN TYPES C & D)

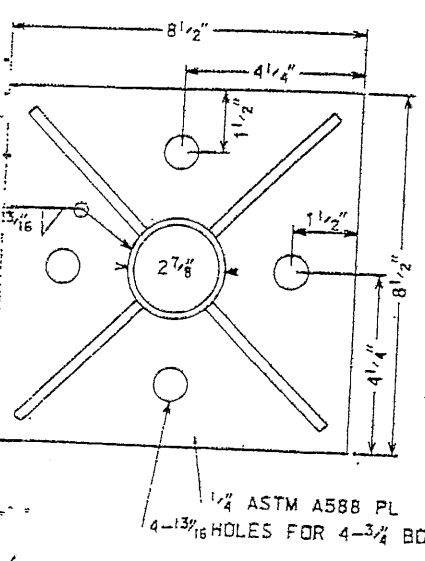
THE SIX (6) TYPE "C" SIGNS REQUIRED AT
SITE 7 WILL BE SUPPLIED BY NRCS, AT NO
COST TO THE CONTRACTOR.



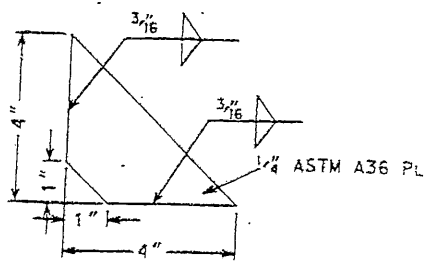
SIGN TYPE C - DETAILS
(USED AT STRUCTURE 7 ONLY)



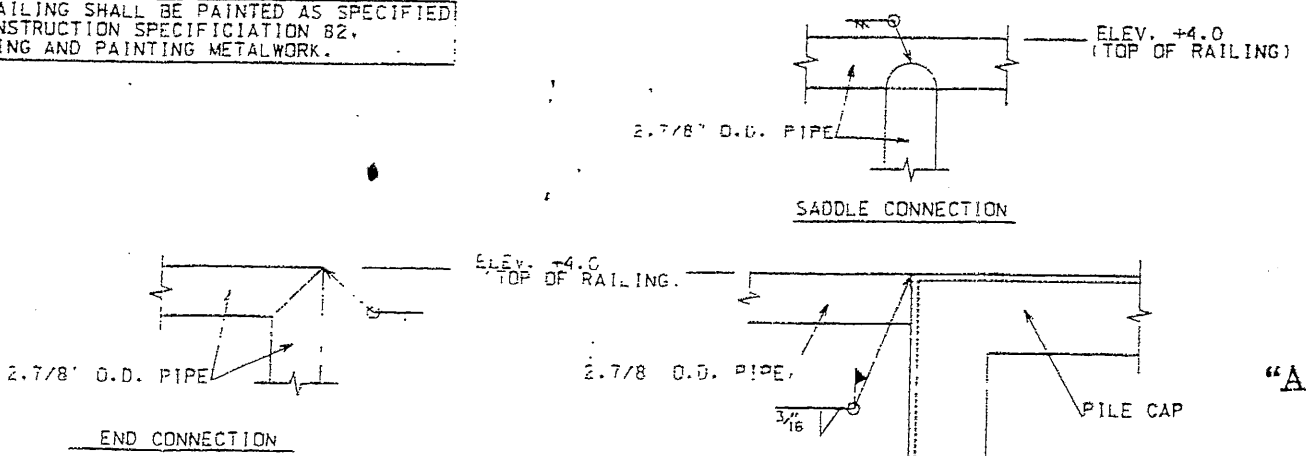
SIGN TYPE D - DETAILS
(USED AT STRUCTURES 14, 21, 23 & 24)



NOTE:
THE BASE PLATE DETAIL BELOW WILL APPLY WHEREVER SIGN
TYPE "D" AND RAILING ARE USED.



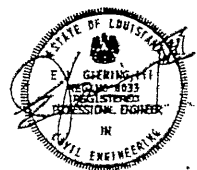
THE RAILING SHALL BE PAINTED AS SPECIFIED
IN CONSTRUCTION SPECIFICATION 82.
CLEANING AND PAINTING METALWORK.



RAILING CONNECTIONS
(NOT TO SCALE)

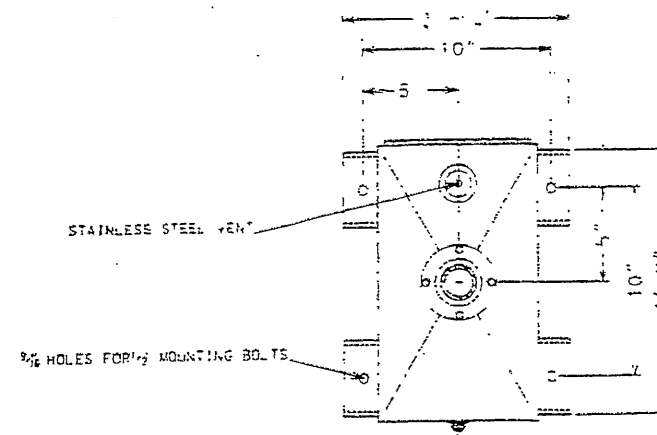
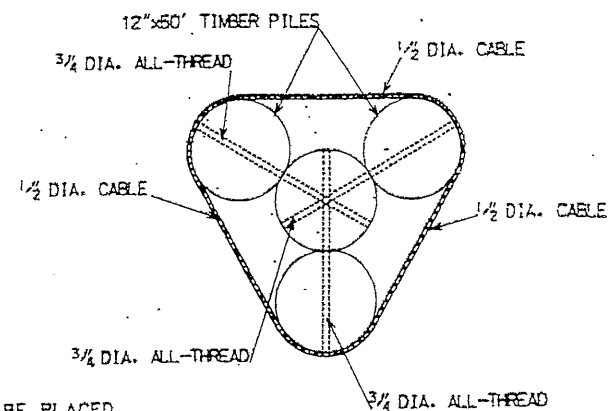
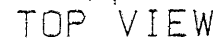
RAILING AND SIGN SUPPORT BASE PLATE
(NOT TO SCALE)

"AS-BUILT"

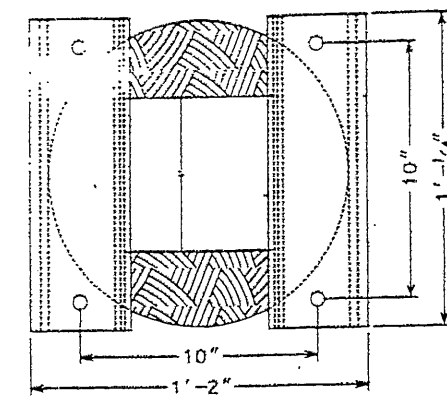
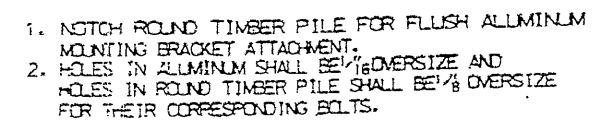


DATE	APPROVED	TITLE
2/98	Approved by	
2/98	Designed	C.E. Lafleur
2/98	Drawn	A. J. Grémillion
2/98	Traced	James N. Moore
2/98	Checked	James N. Moore
WARNING SIGN AND RAILING DETAILS CONSTRUCTION UNIT NO. 2 BRADY CANAL HYD. REST. - PTE-26B TERREBONNE PARISH, LOUISIANA U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		
CAD FILE NO.	SIGN-DET2	
DRAWING NO.	LA-231	
SHEET NO	22 OF 23	

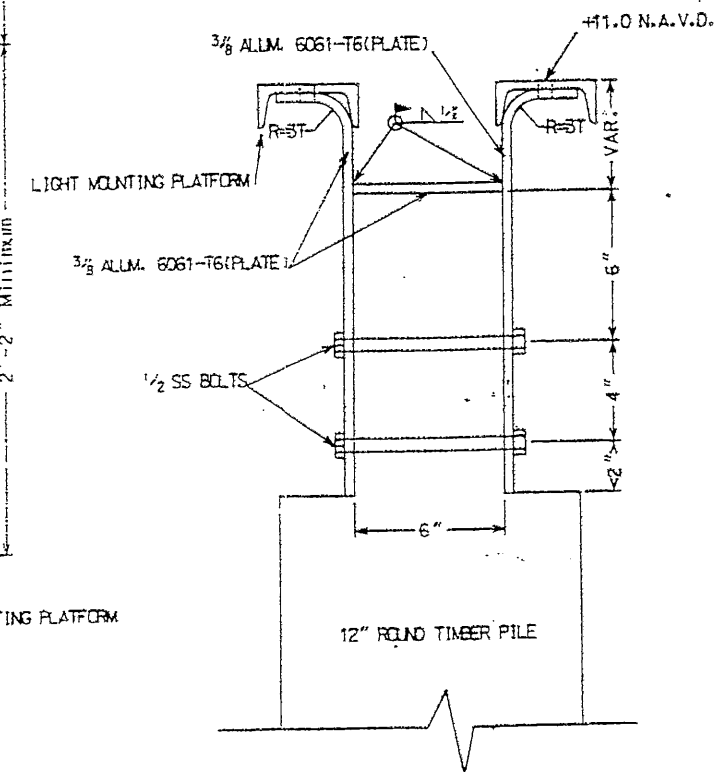
1. ALL $3\frac{1}{2}$ " DIA. ALL THREAD TIE RODS SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
2. 3 RAPS OF $\frac{1}{2}$ " DIA. CABLE MEETING ASTM A-416 AND ASTM A-882/A-882M-92 BETWEEN THE $3-3\frac{1}{2}$ " DIA. ALL-THREAD ASTM A-615 GR60 GALVANIZED AND EPOXY COATED TIE RODS.
3. THE $\frac{1}{2}$ " DIA. CABLE SHALL BE SECURED USING 3 STAINLESS STEEL CLAMPS.
4. THE $3\frac{1}{2}$ " DIA. ALL-THREAD TIE RODS SHALL BE A MINIMUM OF 6" BELOW TOP OF BATTER PILE AND 3" VERTICAL CLEARANCE FROM ADJACENT TIE ROD.
5. ALL TIMBER PILES FOR FOUR PILE NAVIGATION AID DOLPHIN SHALL BE 12" x 50'.



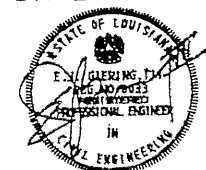
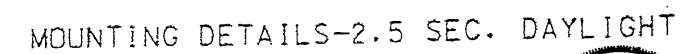
SECTION-PLAN



PLAN

ELEVATION

"AS-BUILT"



TYPE F WARNING SIGN DETAILS
CONSTRUCTION UNIT NO. 2
BRADY CANAL HYD. REST. - PTE-26B
TERREBONNE PARISH, LOUISIANA
AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

[illegible]

Date	Approved by
Designed	Title
Drawn	Title
Traced	Title
Checked	Title

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

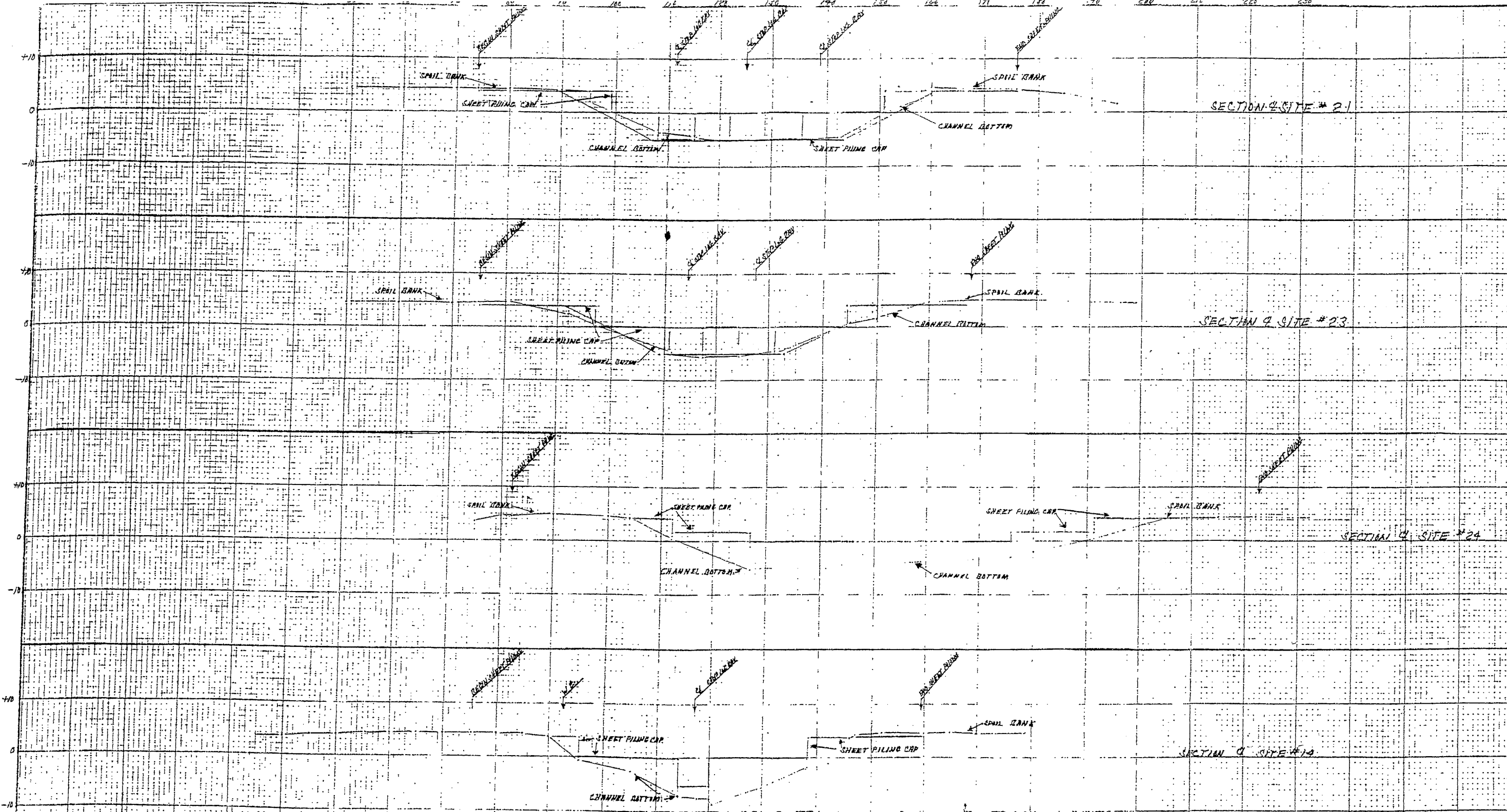
NOTES:

SIGN DETAIL - TYPE "F"

1. SIGNS SHALL BE PLACED ON SIDES OF CHANNEL AS SEEN WHEN ENTERING FROM BAYOU DE CADE.
2. THE BORDER ON THE STARBOARD DAYMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF RED COLOR. THE AREA INSIDE THE BORDERS WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
3. THE BORDER ON THE PORT SIDE DAYMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF GREEN COLOR. THE AREA INSIDE THE BORDER WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
4. ALL DAYMARK NAVIGATION AIDS SHALL ABIDE BY U.S.C.G. REGULATIONS.
5. SIGNS SHALL BE SECURED TO TIMBER PILE WITH 3-5/8"x8" STAINLESS STEEL LAG SCREWS WITH 1-1/4" D.D. S.S. WASHER.

SIGN DETAIL - TYPE "F"

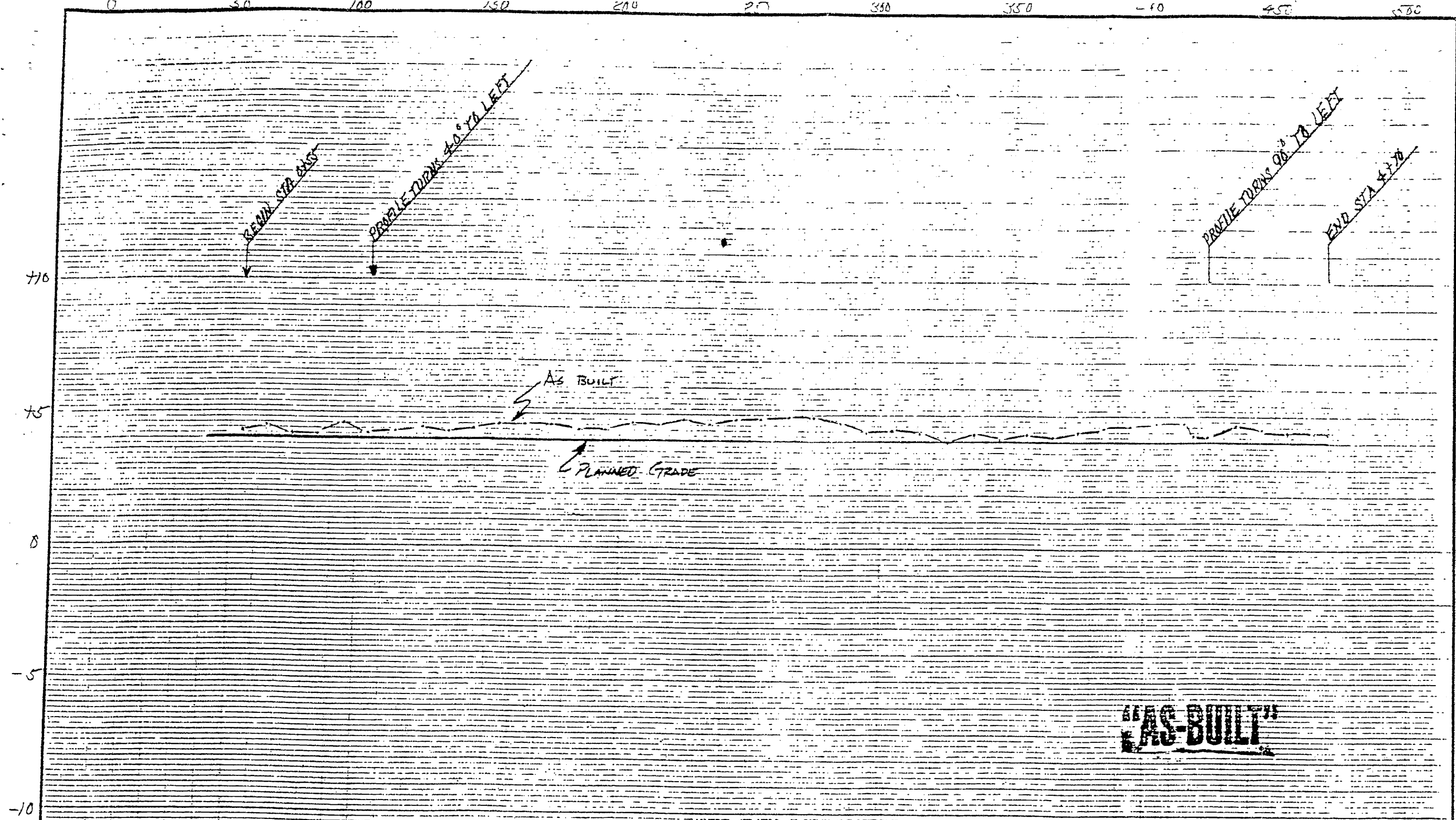
SHEET NO 23 OF 23



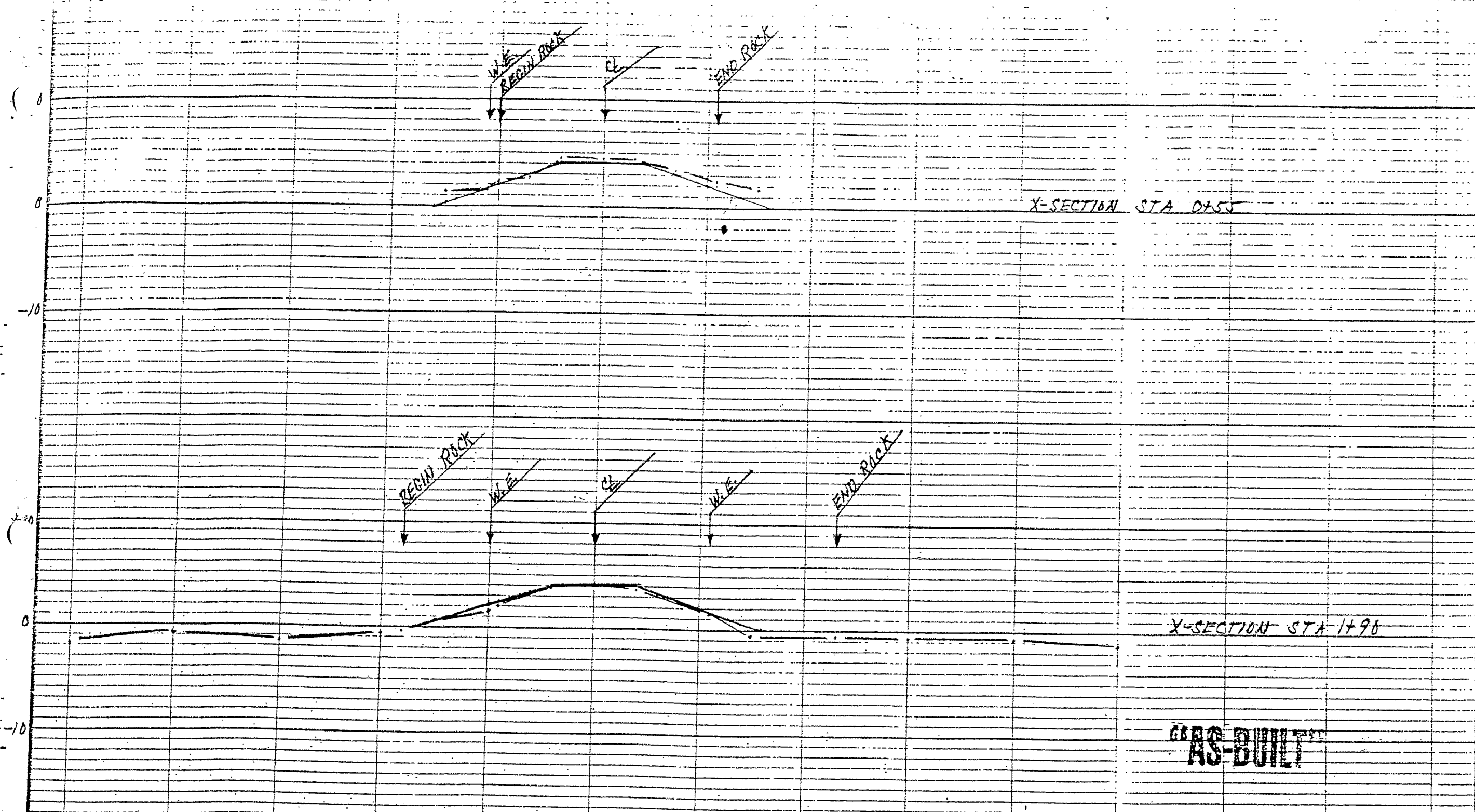
"AS-BUILT"

FINAL SECTION CONSTRUCTION UNIT 2 BRADY CANAL HYD. REST.			
SITE # 21, 22, 23 & PROFILE			
U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE			
Date Approved by Title	Date Approved by Title	Date Approved by Title	Date Approved by Title
Drawn M.C.P.	7/6/60	Title Sheet	Drawn to

SCALE 1" = 10'

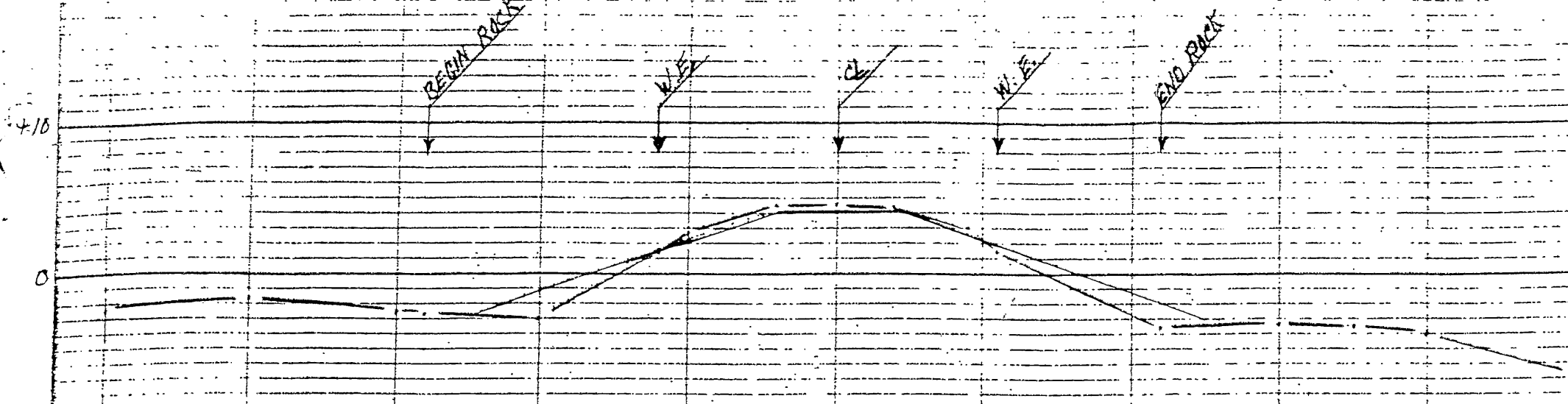


PROFILE CONSTRUCTION UNIT 2 GRADY CANNAL HYD. REST. SITE #7 ROCK PLOW	
U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Designed by <i>M. R. R.</i>	Date <i>12/21/60</i>
Drawn by <i>W. J. B.</i>	Approved by <i>[Signature]</i>
Traced by <i>[Signature]</i>	Title <i>[Blank]</i>
Checked by <i>[Signature]</i>	Sheet No. <i>343</i> of <i>174B</i>

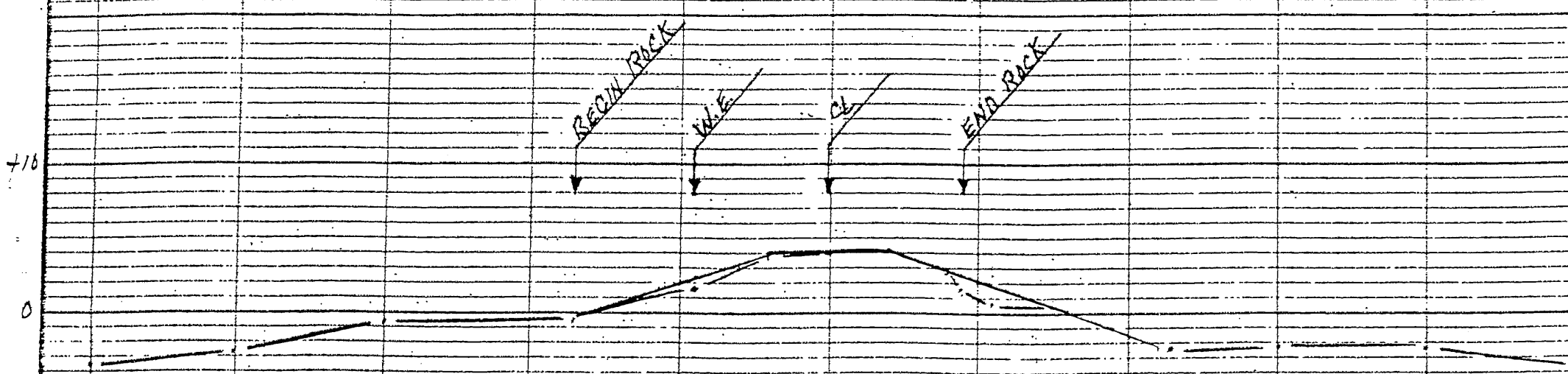


FINAL SECTIONS
CONSTRUCTION UNIT 2
BRADY CANAL HYD. REST.
SITE # 7 X-SECTION STA 0455, 1498
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn M.P.R.	6/23/60	Title
Traced		Sheet No.
Checked		4AB 17AB



X-SECTION STA 2+65



X-SECTION STA 3+40

"AS-BUILT"

FINAL SECTIONS
CONSTRUCTION UNIT 2
BRADY CANAL HYD. REST.
SITE #7 X-SECTION STA 2+65, 3+40
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn <i>M.E.D.</i>	<i>6/23/60</i>	Title
Traced		Title
Checked		Sheet No. <i>5 AB</i> Drawing No.
		of <i>17 AB</i>

REGUL. 20
W.E.
HYD. RACE
4
DRAINING 6

±10

0

-10

X-SECTION STA 4750

AS-BUILT

FINAL SECTIONS CONSTRUCTION UNIT 2 BRADY CANAL HYD REST.	
SITE #7 X-SECTION STA 4750	
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Designed _____	Date _____
Drawn <u>M.C.R.</u>	Approved by _____
Traced _____	Title _____
Checked _____	Sheet <u>6-AB</u> Drawing No. _____
	of <u>17AB</u>

BELOW ROAD

END ROAD

AS BUILT

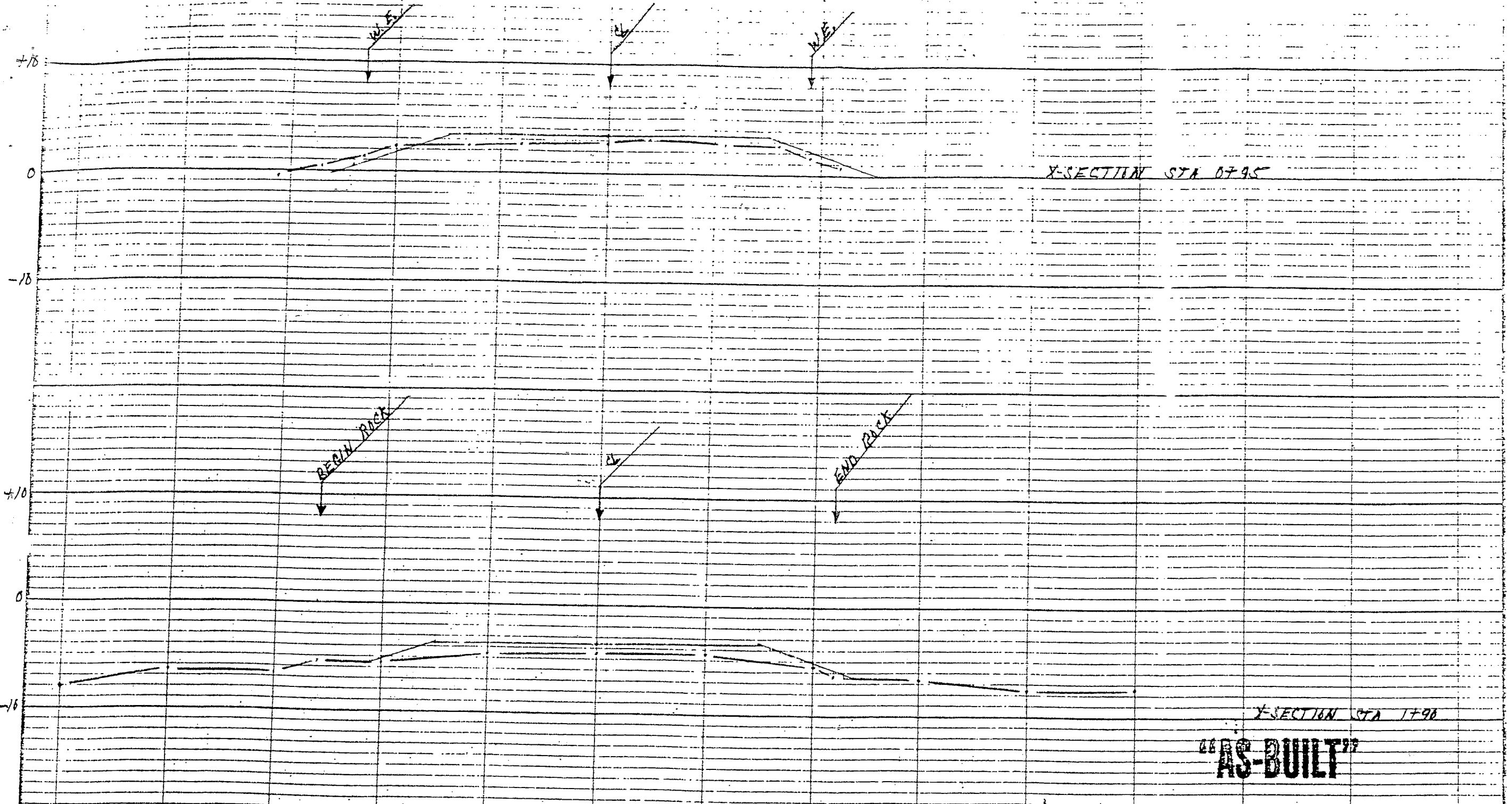
PRE-CONSTRUCTION
CHANNEL BOTTOM

"AS-BUILT"

FINAL SECTIONS
CONSTRUCTION UNIT 2
BRADY CANAL HYD. REST.
SITE #10 PROFILE

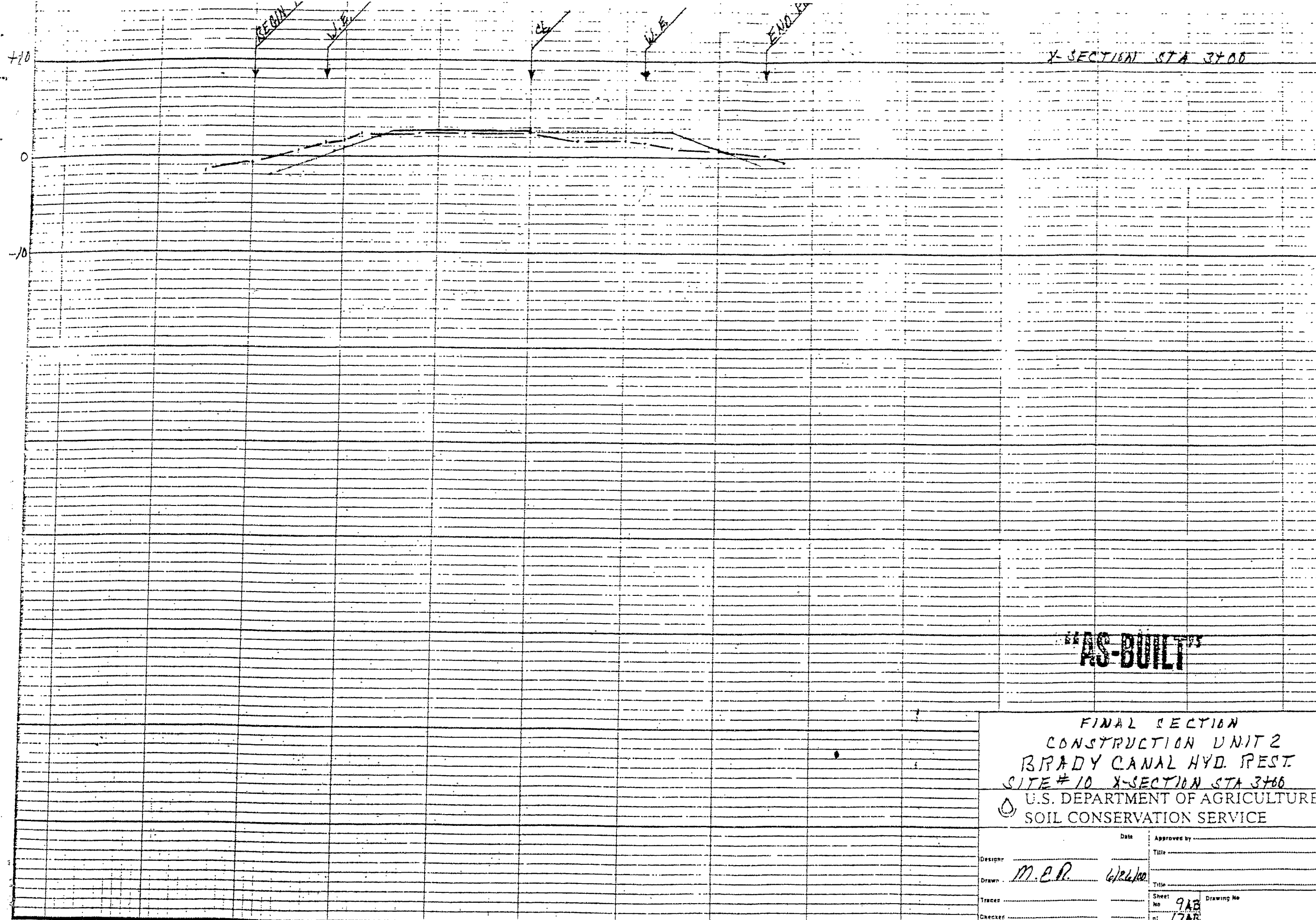
U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn		Title
Traced		Title
Checked		Sheet No. 7AB Drawing No. 17AB



FINAL SECTIONS
CONSTRUCTION UNIT 2
BRADY CANAL HYD. REST.
SITE #10 X-SECTION STA 0+95, 1+90
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn M. P. R.	6/26/60	
Traced		Title
Checked		Sheet No. 8AB
		Drawing No. 17AB



FINAL SECTION CONSTRUCTION UNIT 2 BRADY CANAL HYD. REST. SITE # 10 X-SECTION STA 3400 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE			
Design	Date	Approved by	
Drawn	6/24/00	Title	
Tracer		Title	
Checked		Sheet No. 9AB	Drawing No.
		of 17AB	

+10

0

-10

SHEET PILING

CHANNEL BOTTOM

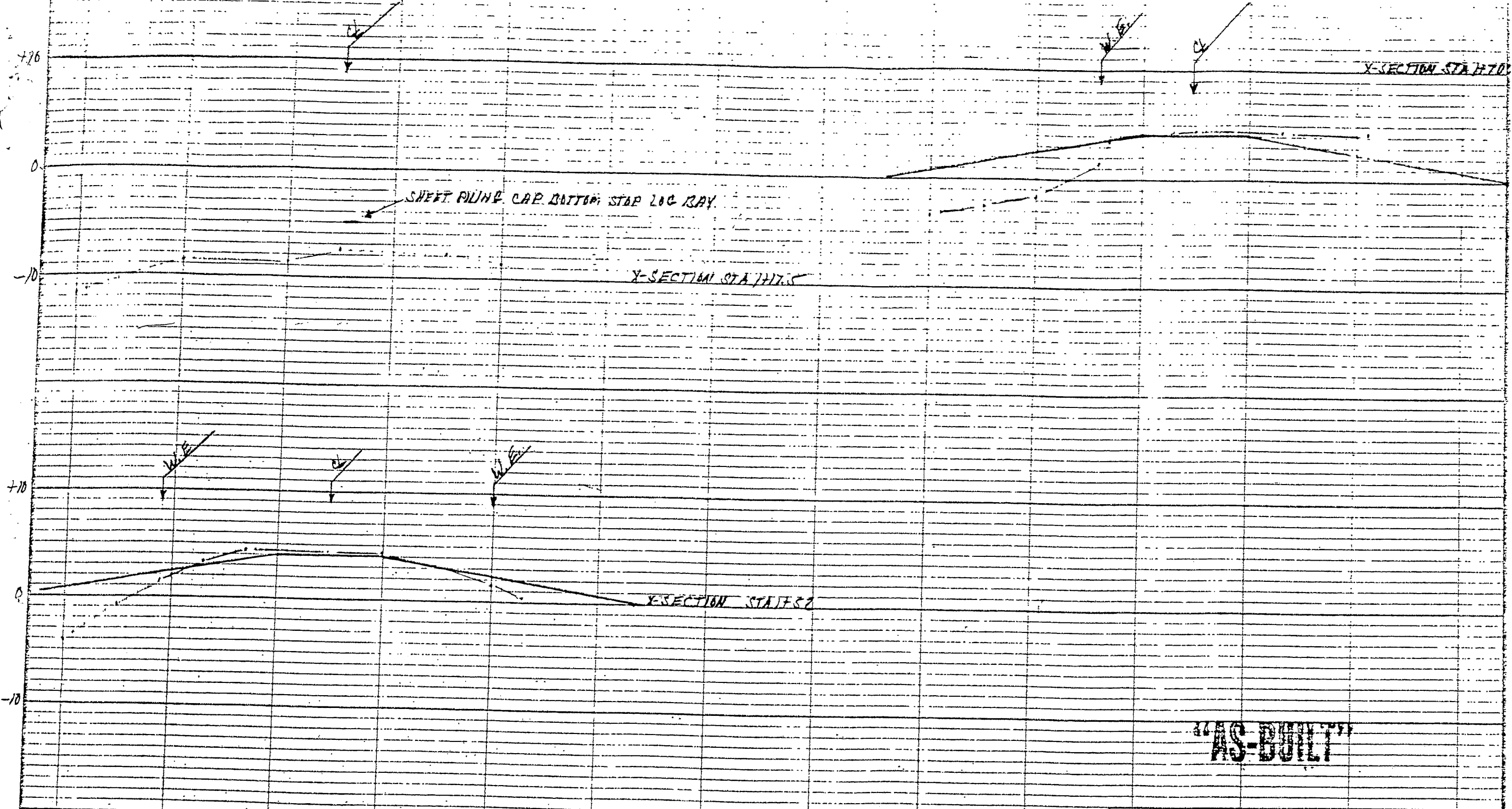
"AS-BUILT"

SCALE: HORIZONTAL 2.5" = 50'
VERTICAL 2.5" = 10'

FINAL SECTION
CONSTRUCTION UNIT 2
BRADY CANAL HYD REST
SITE #14 PROFILE

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn	6/27/74	Title
Traced		Sheet
Checked		Drawing No.
		No. 1013
		of 17AB



FINAL SECTION CONSTRUCTION UNIT 2 BRADY CANAL HYD REST SITE # 14 X-SECTION STA 1472.5, 1475, 1478 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE			
Designed	Date	Approved by	
Drawn <i>M. P. R.</i>	<i>W. J. M.</i>	Title	
Traced		Title	
Checked		Sheet No	Drawing No
		11AB	
		of 17AB	