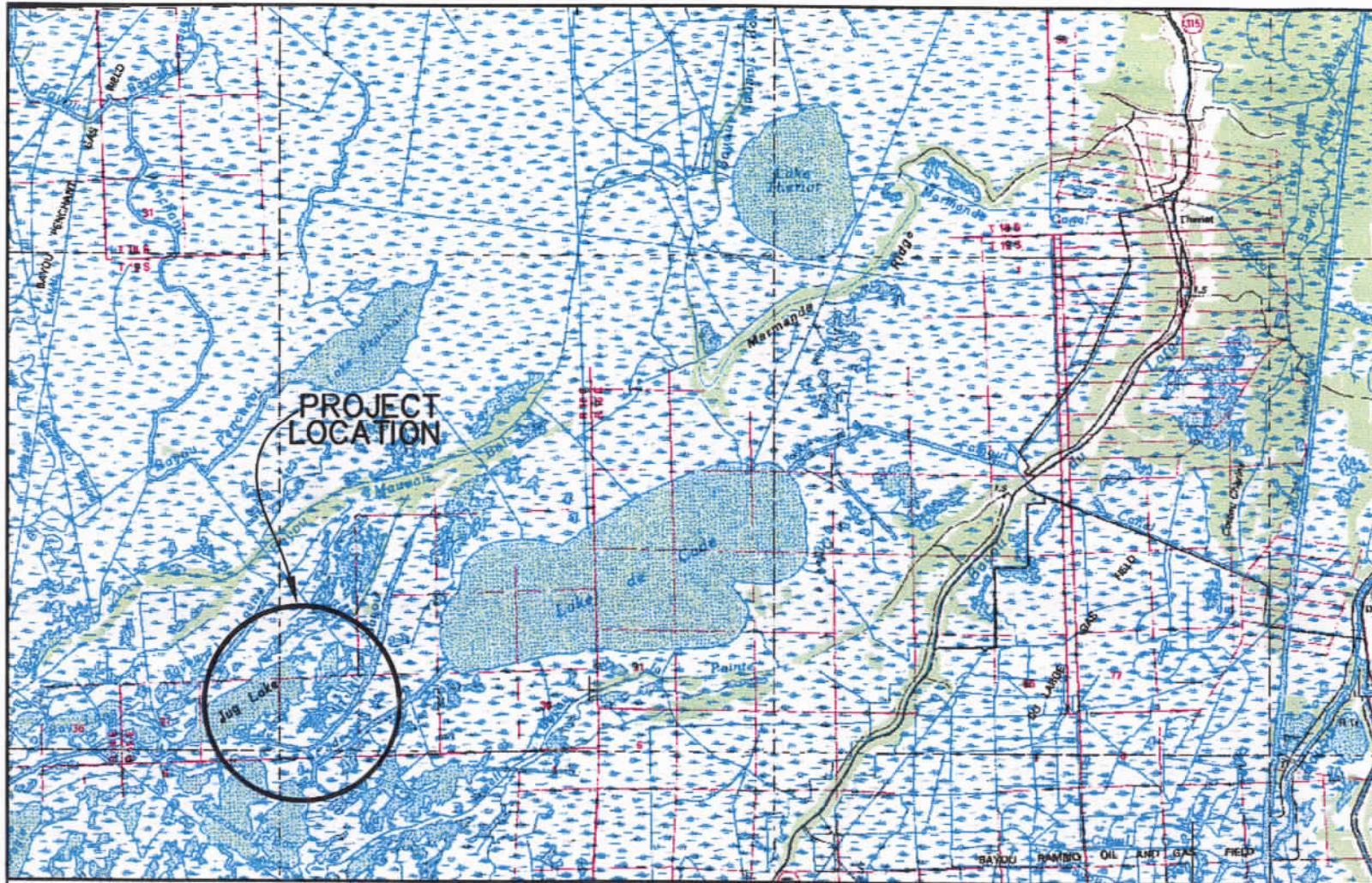




VICINITY MAP



LOCATION IN LOUISIANA



BRADY CANAL HYDROLOGIC RESTORATION (TE-28) MODIFICATIONS

COASTAL WETLAND 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

AS-BUILT PLANS
9/04/03

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BREACH 7	SHEET 9
BREACH 8	SHEET 10
BREACH 9	SHEET 11
BREACH 10	SHEET 12
TYPICAL EARTH FILL SECTION	SHEET 13
DOLPHIN REPAIR	SHEET 14

PYBURN & ODOM MCA
Engineering & Related Services Since 1948

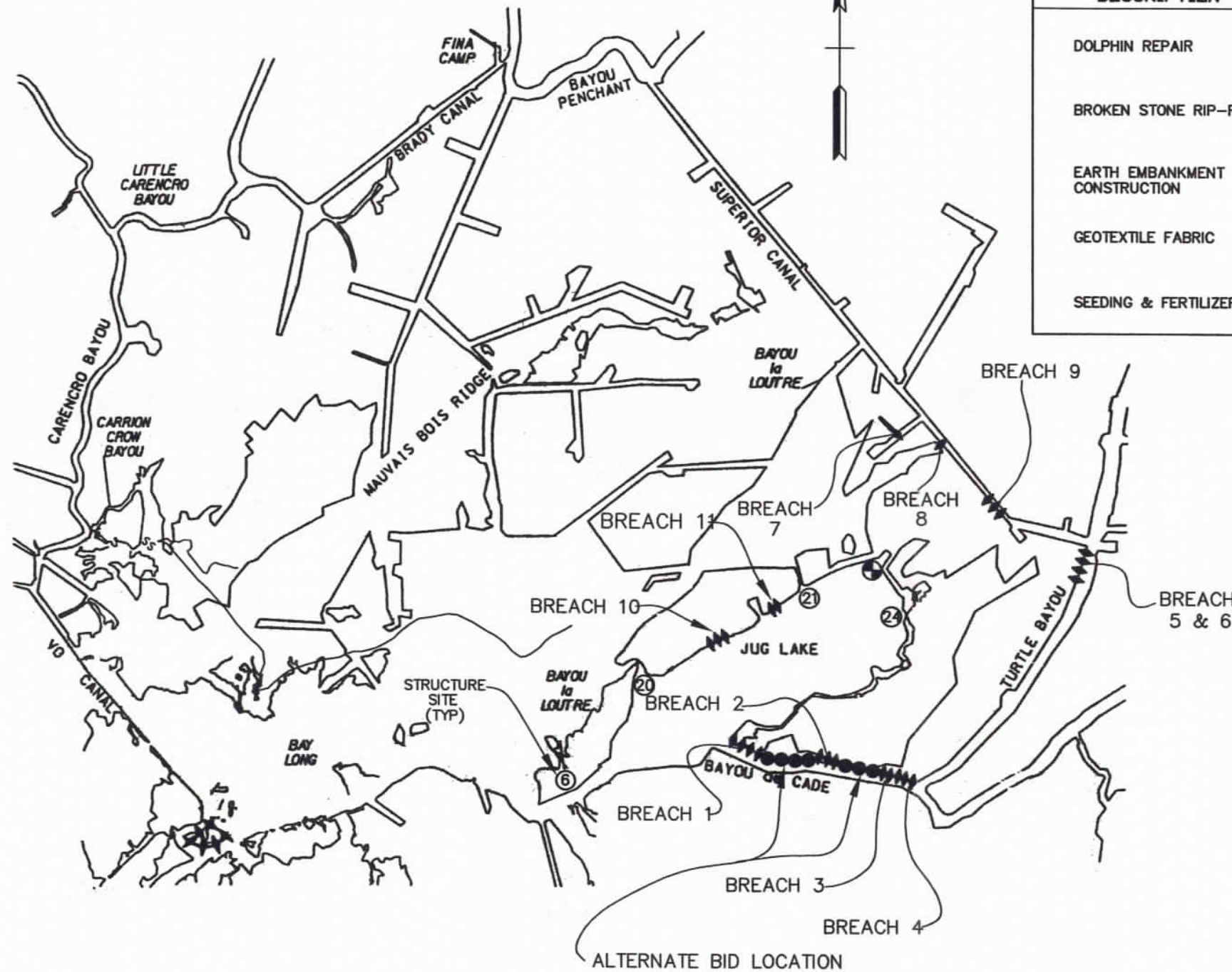


DATE	REVISIONS DESCRIPTION	BY

DATE:
CHECKED BY: J. M.P.M.
DRAWN BY: J. V. JILL
SCALE: 1" = 100'

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
LEVEE RESTORATION PROJECT
BRADY CANAL TERREBONNE PARISH, LOUISIANA

PROJECT LOCATION MAP



PROJECT DESCRIPTION

BASE BID: INSTALL BROKEN STONE ROCK DIKE OR EARTH EMBANKMENT AT BREACH NO. 1 THRU 11 IN ACCORDANCE WITH CONSTRUCTION PLANS. ALSO REPLACE BROKEN TIMBER AT STRUCTURE SITE 6.

ALTERNATE BID: INSTALL BROKEN STONE DIKE IN ACCORDANCE WITH CONSTRUCTION PLANS CONNECTING THE ROCK DIKE AT BREACH 1 WITH BREACH 2 AND BREACH 2 WITH BREACH 3



SCALE: 1" = 4000'

PROJECT QUANTITIES		
DESCRIPTION	ESTIMATED QUANTITY	FINAL CONTRACT QUANTITIES
DOLPHIN REPAIR	1 EACH	1 EACH
BROKEN STONE RIP-RAP	6,200 TONS (BASE) 2,500 TONS (ALT.)	7,114 TONS (BASE) 2,550 TONS (ALT.)
EARTH EMBANKMENT CONSTRUCTION	2200 LINIAR FEET	2325 LINIAR FEET
GEOTEXTILE FABRIC	8983 S.Y. (BASE) 12,000 S.Y. (ALT.)	8983 S.Y. (BASE) 5,631 S.Y. (ALT.)
SEEDING & FERTILIZER	3.1 ACRES	3.1 ACRES

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

AS-BUILT PLANS
9/04/03

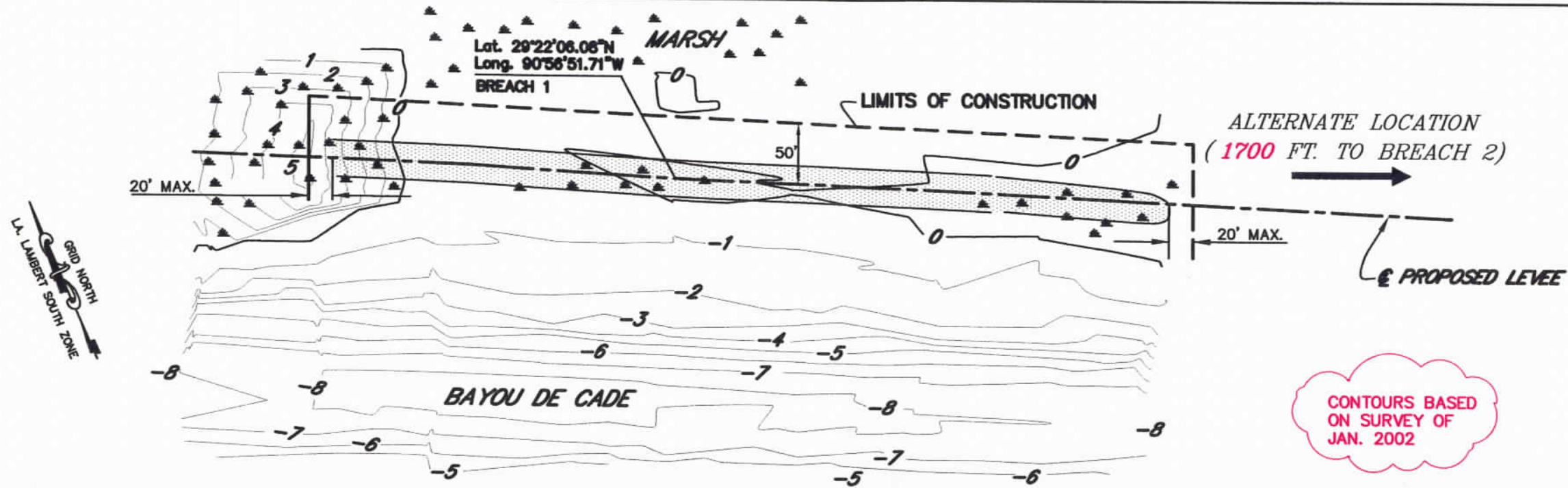
LEGEND:

- ⑥ STRUCTURE LOCATION
- ◆◆◆ BREACH LOCATION
- ⊕ BREACHMARK - TOP OF BOLT ON NORTHERLY SHEET PILE WALL AT STRUCTURE 23, EL. = 3.51'
- ALTERNATE BID LOCATION

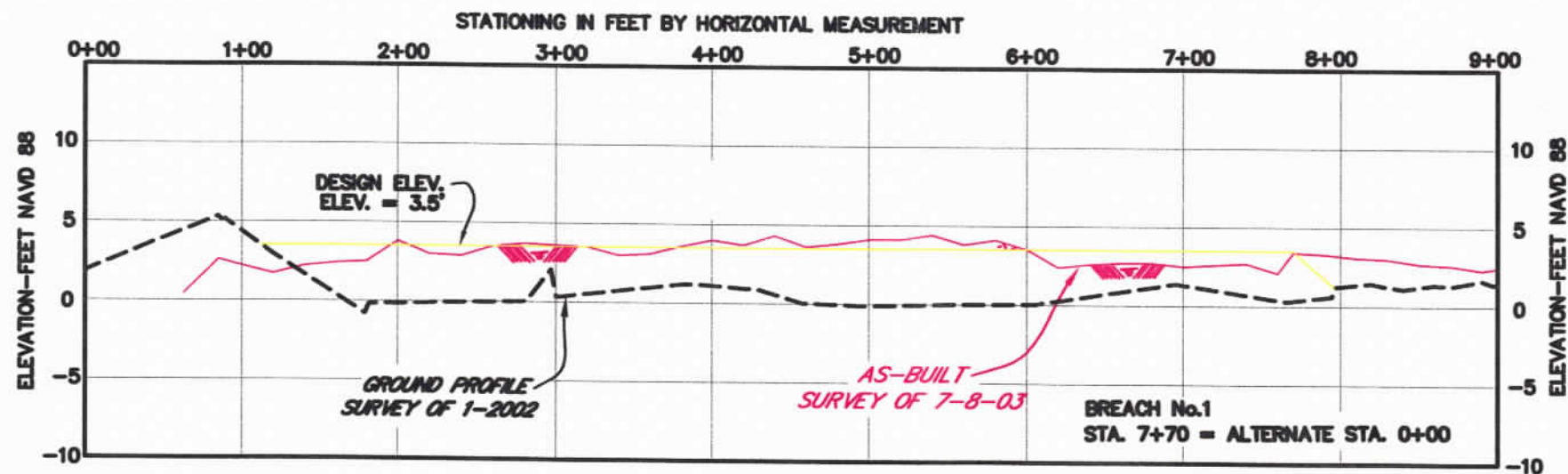
LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
PROJECT LOCATION MAP
BRADY CANAL TERREBONNE PARISH, LOUISIANA

DATE	CHECKED BY	DRAWN BY	SCALE	DATE	QUANTITIES	REVISIONS	DESCRIPTION	BY
11/12/02	ADDED	BREACH 11	AND REVISED					

PYBURN & ODOM MCA
Engineering & Related Services Since 1948



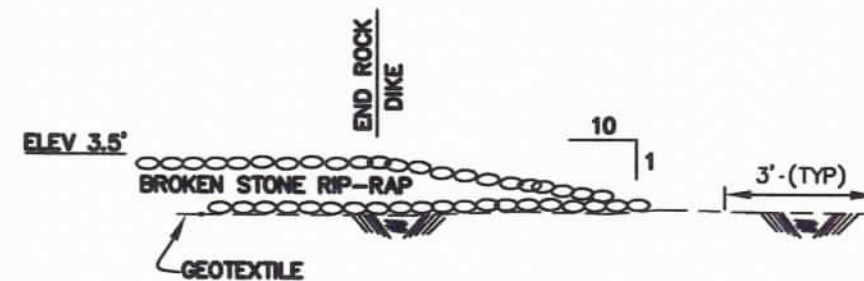
PLAN
SCALE: 1" = 100'



PROPOSED LEVEE & PROFILE
SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL



SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS



BASE BID TYPICAL END SECTION
N.T.S.

PYBURN & ODOM MCA
Engineering & Related Services Since 1948

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
AS-BUILT
BREACH 1

BRASSY CHANL TEMPEREDONE PAGES, LOUISIANA

DATE: 1-2-03
CHECKED BY: J.M.A.
DRAWN BY: J.V.A.
SCALE: 1" = 100'

SHEET 3



ALTERNATE LOCATION
(1700 FT. TO BREACH 1)



20' MAX.

LIMITS OF CONSTRUCTION

Lat. 29°22'01.8"N
Long. 90°56'27.9"W

BREACH 2

MARSH

PROPOSED LEVEE

MATCH LINE 6+20

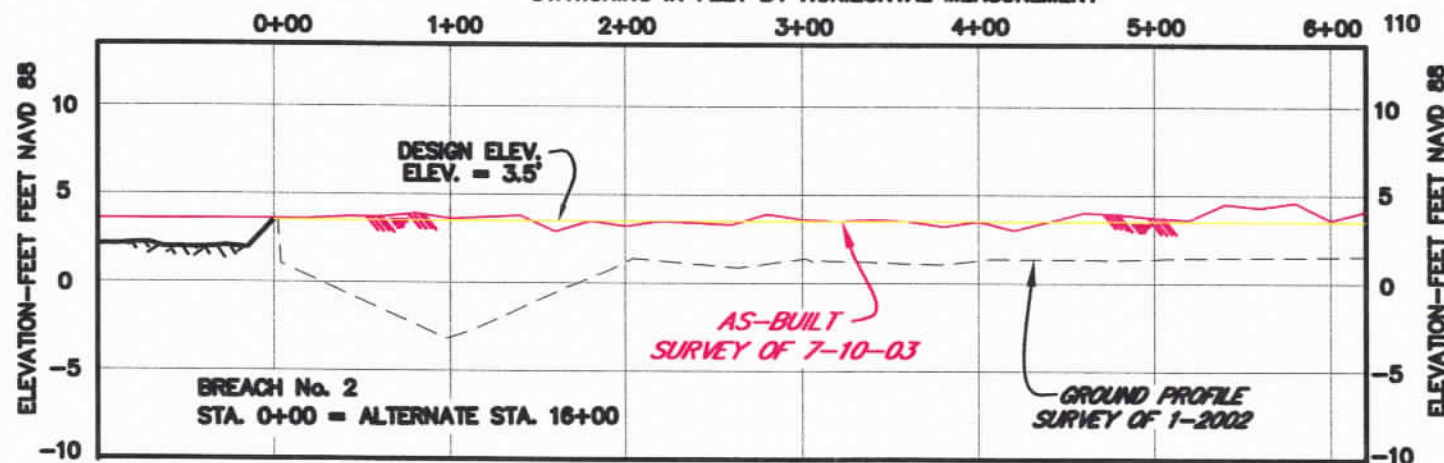
CONTOURS BASED
ON SURVEY OF
JAN. 2002

BAYOU DE CADE

PLAN

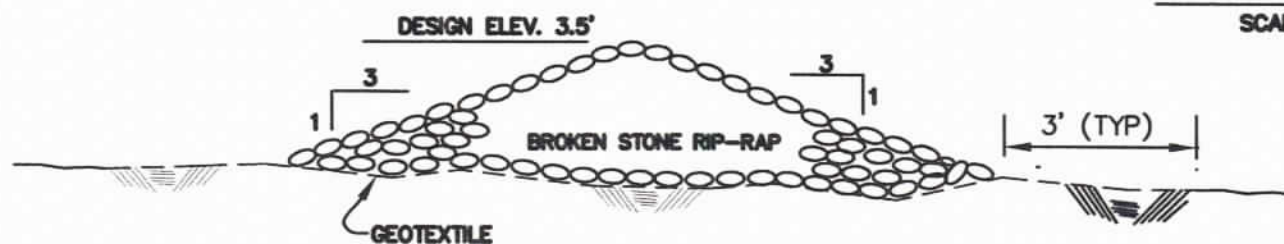
SCALE: 1" = 100'

STATIONING IN FEET BY HORIZONTAL MEASUREMENT



PROPOSED LEVEE & PROFILE

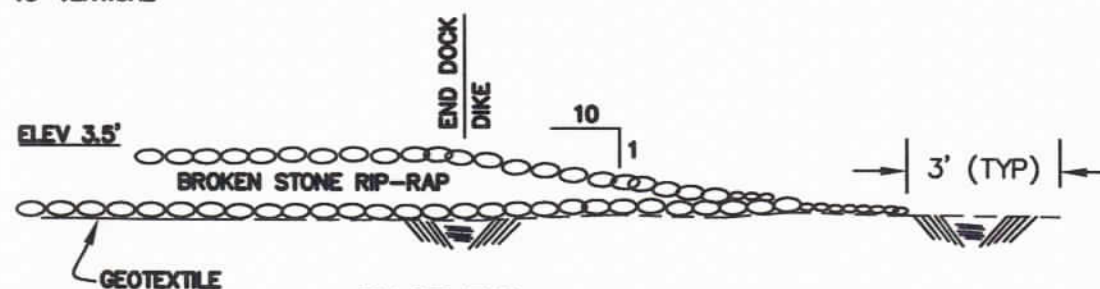
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1" = 10' VERTICAL



SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS

BASE BID AND ALTERNATE
TYPICAL CROSS SECTION

N.T.S.



BASE BID
TYPICAL END SECTION

N.T.S.

PYBURN & ODOM MCA
Engineering & Related Services Since 1948



DATE	BY	REVISION

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 2 & 3
BRADY CANAL TOWNEVILLE PARISH, LOUISIANA

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 2 & 3
BRASSY CANYON TERRACE PARISH, LOUISIANA

DATE: 7/10/03
CHECKED BY: J. J. J. J.
DRAWN BY: J. J. J. J.
SCALE: 1" = 100'

DATE: 7/10/03
CHECKED BY: J. J. J. J.
DRAWN BY: J. J. J. J.
SCALE: 1" = 100'

DATE: 7/10/03
CHECKED BY: J. J. J. J.
DRAWN BY: J. J. J. J.
SCALE: 1" = 100'

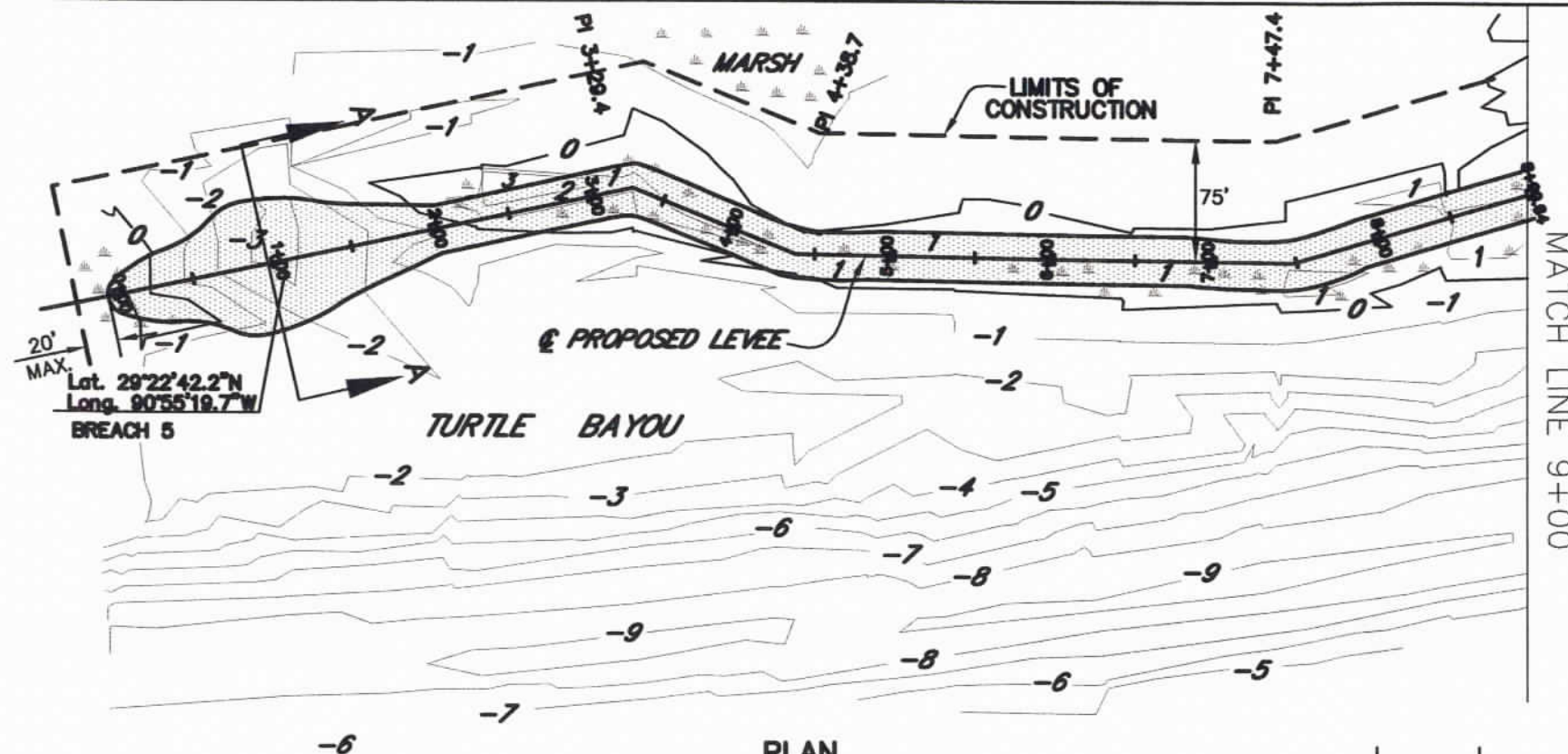
DATE: 7/10/03
CHECKED BY: J. J. J. J.
DRAWN BY: J. J. J. J.
SCALE: 1" = 100'

PYBURN & ODOM MCA
Engineering & Related Services Since 1948

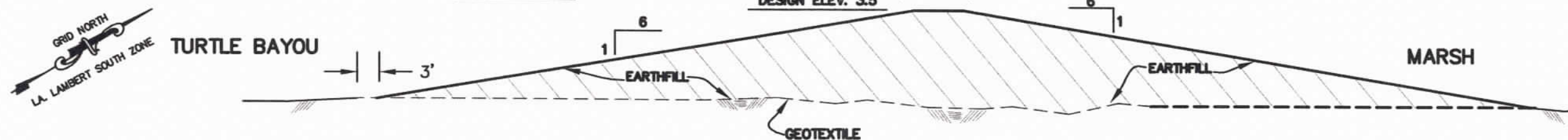


Aug 06, 2003 - 09:11:41 P&O FILE: G:\CAD\ACAD\10-1628\As-Built-7-03\br_2_3.dwg [Login: WUnderwood]

P&O FILE NO. 10-1628-breach3

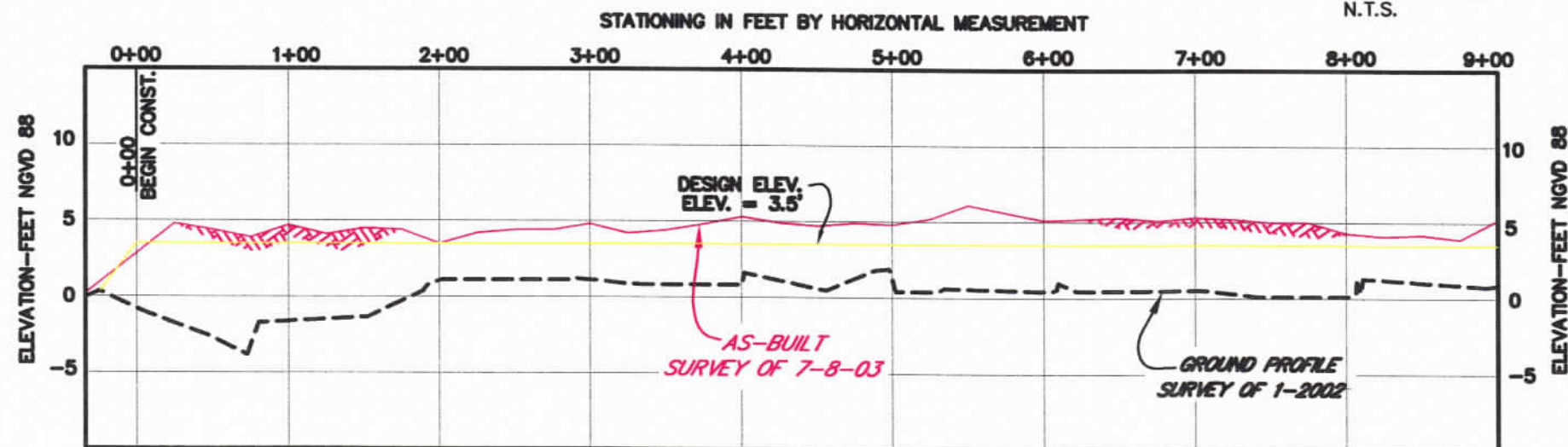


PLAN
SCALE: 1" = 100'



SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS

SECTION A-A
N.T.S.



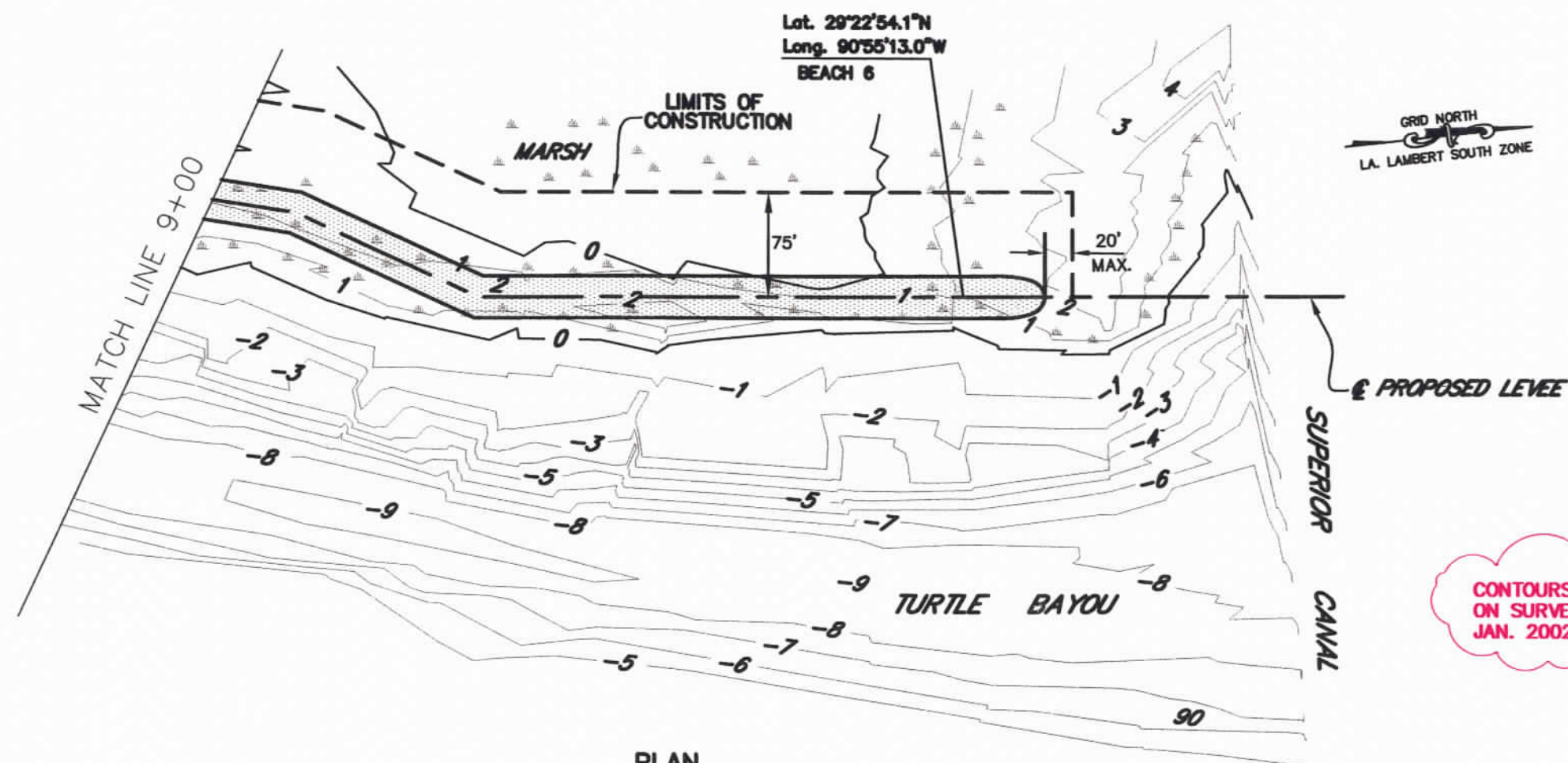
PROPOSED LEVEE CL PROFILE

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 5 AND 6
BRADY CANAL, TERREBOONE PARISH, LOUISIANA

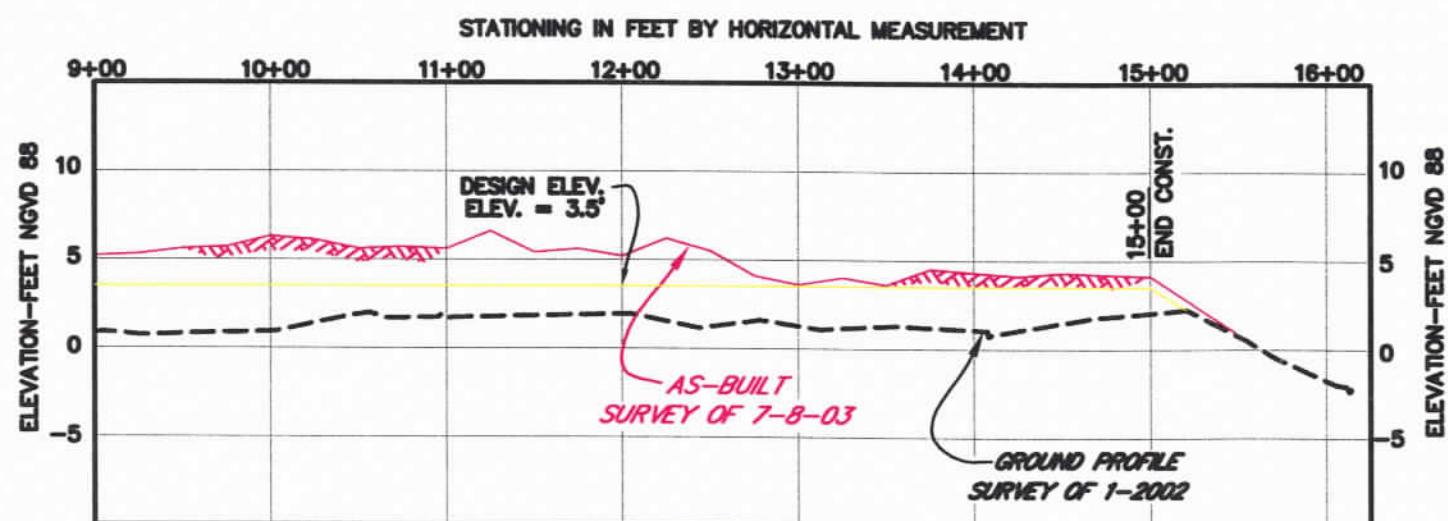
PYBURN & ODOM MCA
Engineering & Related Services Since 1948





PLAN
SCALE: 1" = 100'

CONTOURS BASED
ON SURVEY OF
JAN. 2002

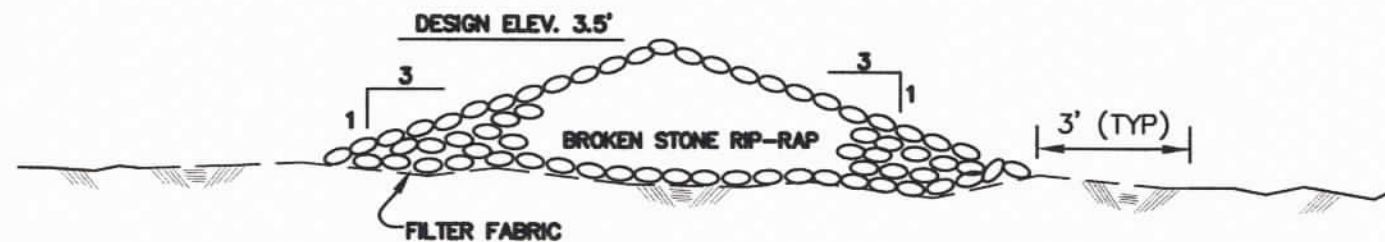


PROPOSED LEVEE & PROFILE
SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 5 AND 6
BRADY CANAL TOWARD THE MARSH, LOUISIANA

DATE	12/2/03	BY	WJW
CHECKED BY	J. M. P. A.	DATE	12/2/03
DESIGNED BY	J. M. P. A.	DATE	12/2/03
SCALE	1" = 100'	DATE	12/2/03

PYBURN & ODOM MCA
Engineering & Related Services Since 1948

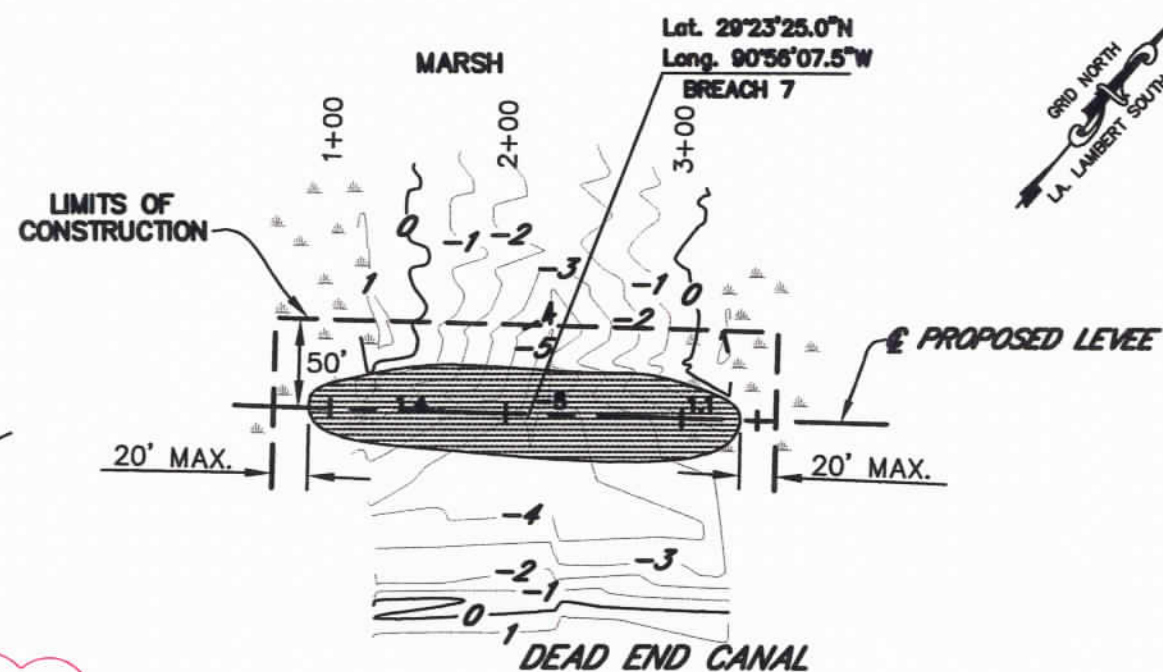


SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS

TYPICAL CROSS SECTION

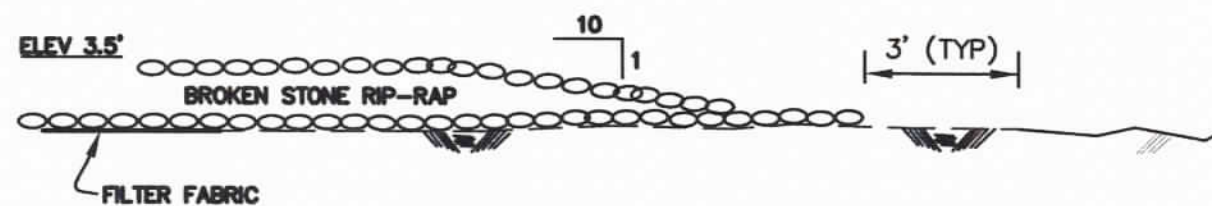
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CONTOURS BASED
ON SURVEY OF
JAN. 2002



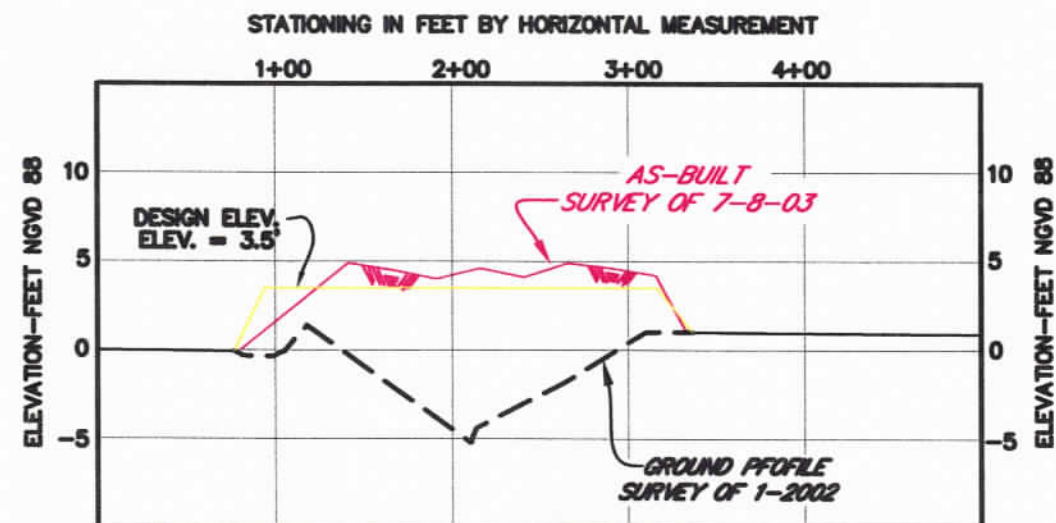
PLAN

SCALE: 1" = 100'



TYPICAL END SECTION

N.T.S.



PROPOSED LEVEE C PROFILE

SCALE: 1" = 100' HORIZONTAL

1" = 10' VERTICAL

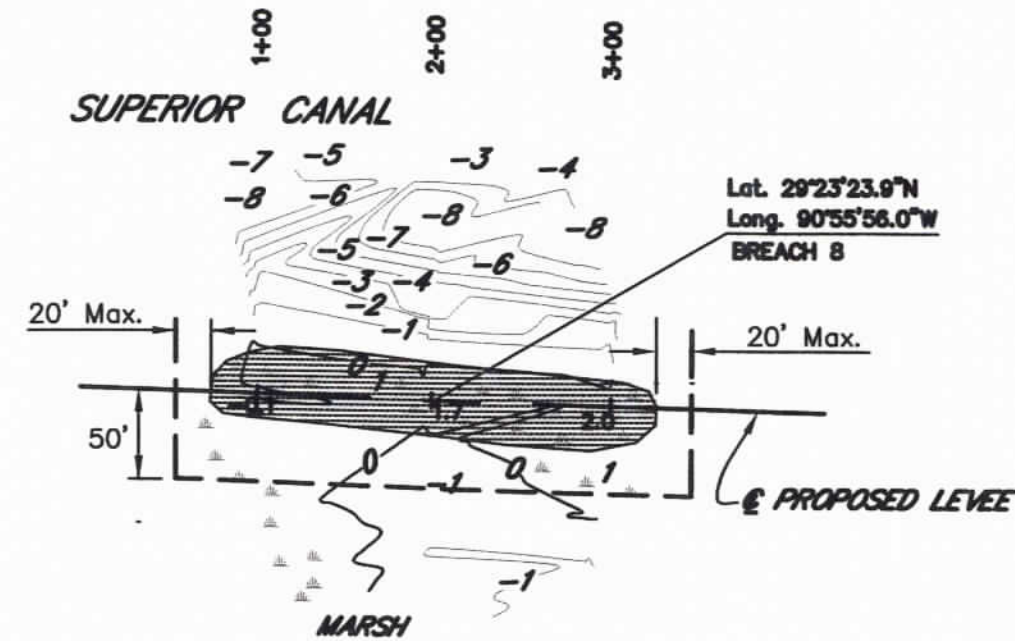
PYBURN & ODOM MCA
Engineering & Related Services Since 1948



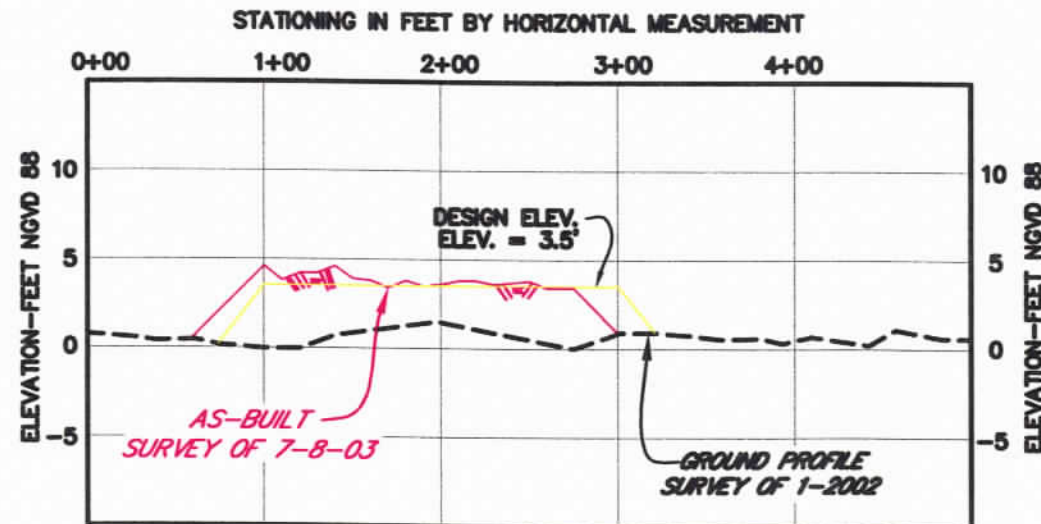
DATE	REVISION	BY

DATE	
CHECKED BY	
DESIGNED BY	
SCALE	1" = 100'

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 7
BRADY CANAL, TERREBOONE PARISH, LOUISIANA

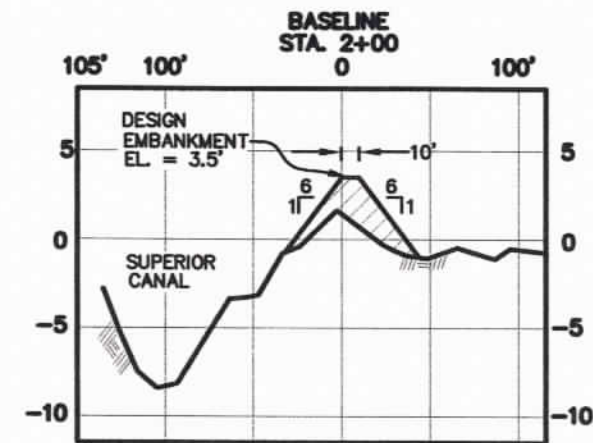


PLAN
SCALE: 1" = 100'



PROFILE
SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

CONTOURS BASED
ON SURVEY OF
JAN. 2002



SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS

CROSS SECTION AT STA. 2+00
SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

PYBURN & ODOM MCA
Engineering & Related Services Since 1948

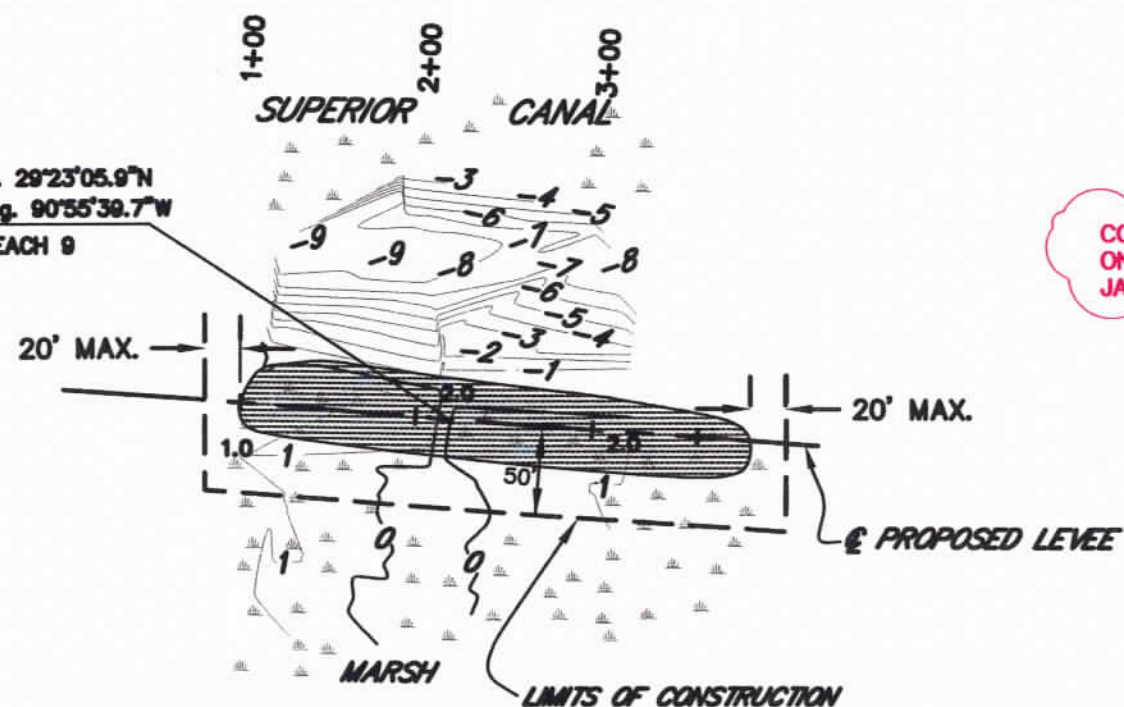


DATE	11/22/02
CHECKED BY	J. M. P.
DRAWN BY	J. M. P.
SCALE	1" = 100'
PROJECT	BRASSY CANAL, TERREBONE PARISH, LOUISIANA
DATE	11/22/02
CHECKED BY	J. M. P.
DRAWN BY	J. M. P.
SCALE	1" = 100'
PROJECT	BRASSY CANAL, TERREBONE PARISH, LOUISIANA

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 8
BRASSY CANAL, TERREBONE PARISH, LOUISIANA

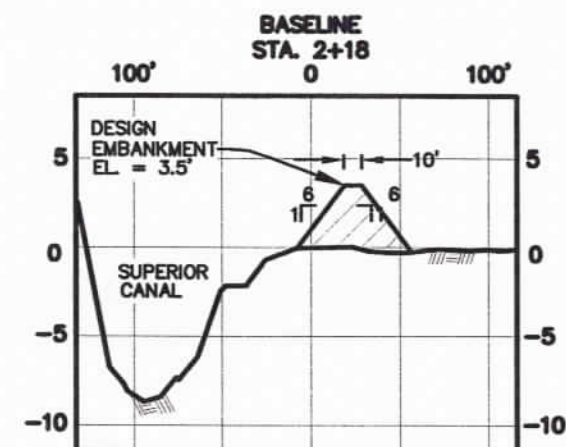


Lat. 29°23'05.9"N
Long. 90°55'39.7"W
BREACH 9



PLAN
SCALE: 1" = 100'

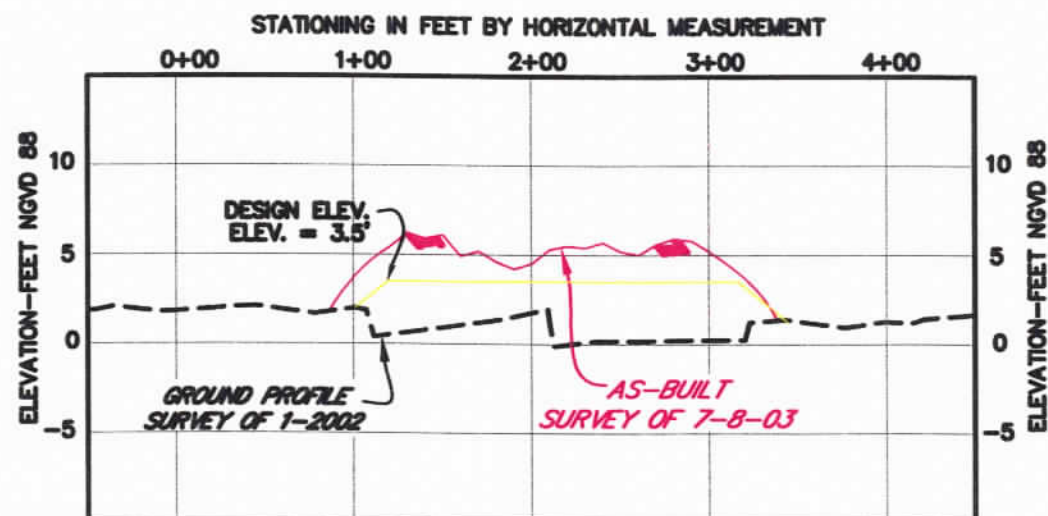
CONTOURS BASED
ON SURVEY OF
JAN. 2002



SEE ATTACHED DRAWINGS FOR AS-BUILT CROSS SECTIONS

CROSS SECTION AT STA. 2+18

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL



PROPOSED LEVEE & PROFILE

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

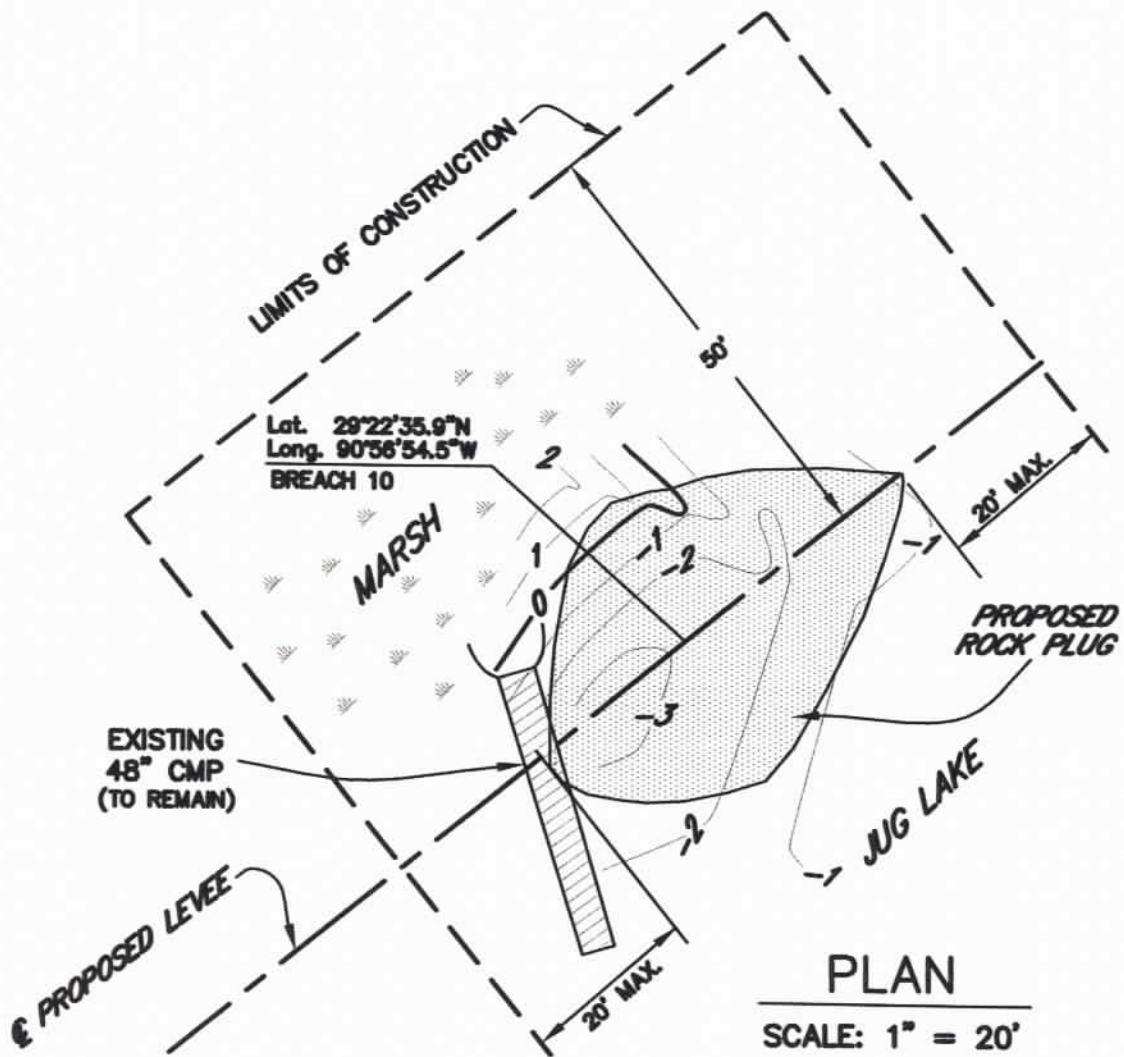
PYBURN & ODOM MCA
Engineering & Related Services Since 1948



DATE	BY	CHKD	DATE

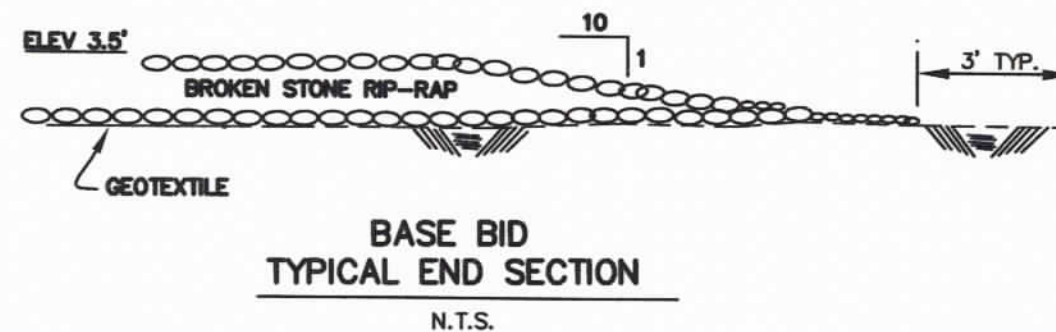
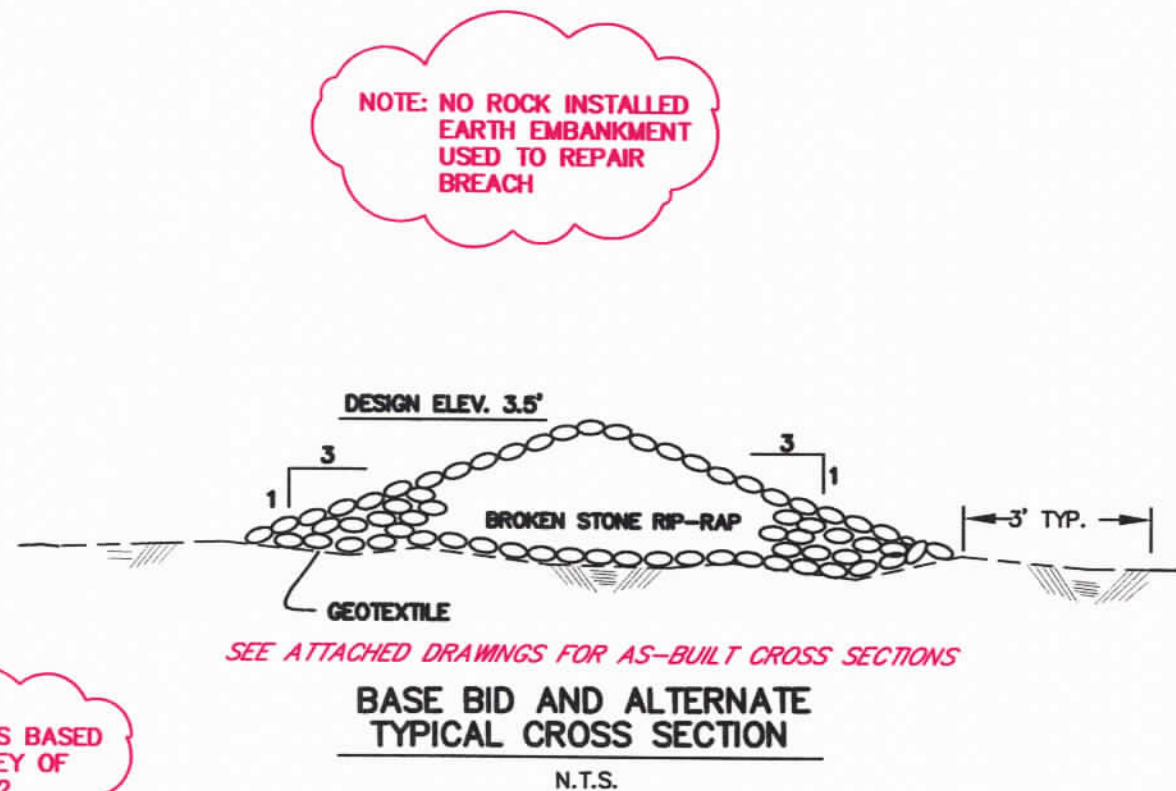
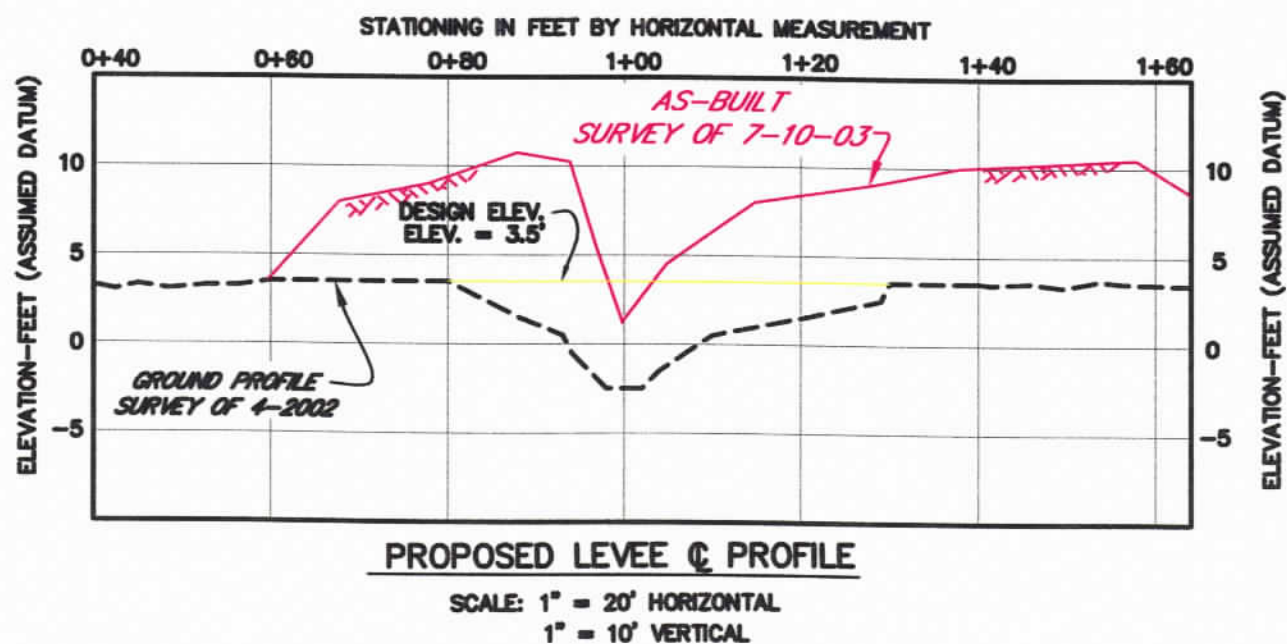
DATE	BY	CHKD	DATE

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 9
IBIBY CANAL, TERREBOONE PARISH, LOUISIANA



CONTOURS BASED
ON SURVEY OF
JAN. 2002

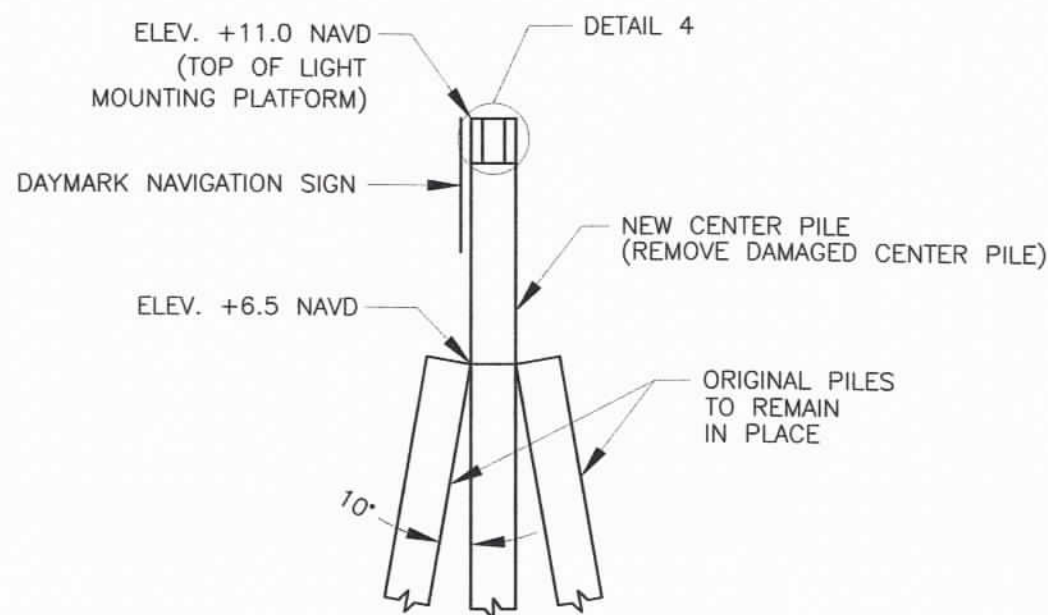
PLAN
SCALE: 1" = 20'



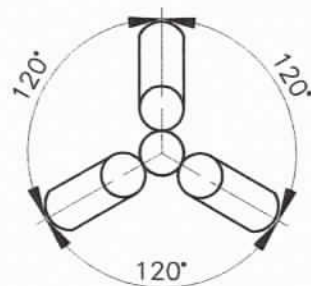
PYBURN & OMOM MCA
Engineering & Related Services Since 1948



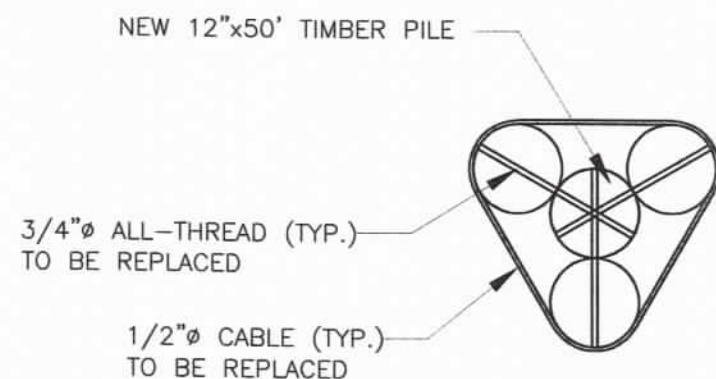
LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
AS-BUILT
BREACH 10
BRADY CANAL, TERREBOONE PARISH, LOUISIANA



1 TIMBER PILE DOLPHIN-ELEVATION VIEW
1/4" = 1'-0"
RE:



2 TIMBER PILE DOLPHIN-PLAN VIEW
1/4" = 1'-0"
RE:



3 FASTENERS
1/2" = 1'-0"
RE:



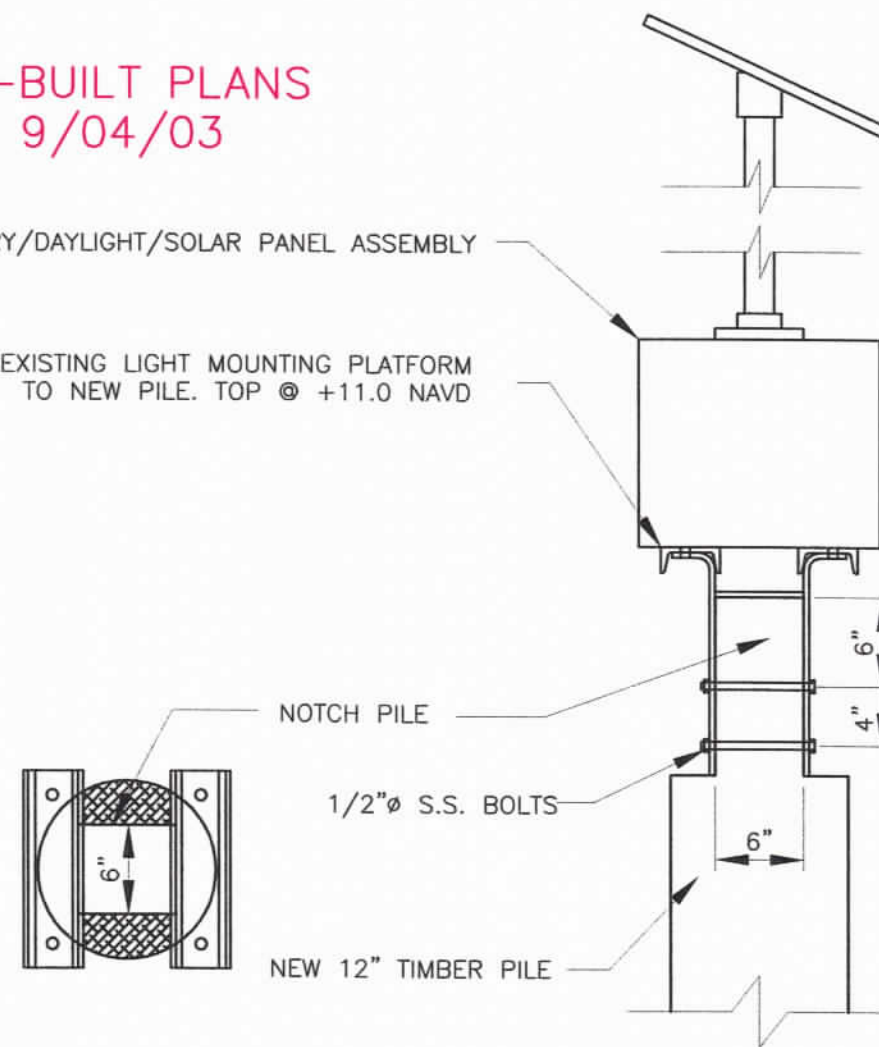
NOTES:

1. ALL $\frac{3}{4}$ " ϕ ALL-THREAD TIE RODS (ASTM A-615 GR60 GALV.) SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
2. 3 WRAPS OF $\frac{1}{2}$ " ϕ STAINLESS STEEL CABLE BETWEEN THE $\frac{3}{4}$ " ϕ ALL-THREAD TIE RODS.
3. THE $\frac{1}{2}$ " ϕ CABLE SHALL BE SECURED USING 3 STAINLESS STEEL CLAMPS.
4. THE $\frac{3}{4}$ " ϕ ALL-THREAD TIE RODS SHALL BE A MIN. OF 6" BELOW TOP OF BATTER PILES AND 3" VERTICAL CLEARANCE FROM ADJACENT TIE ROD.
5. NEW TIMBER PILE FOR FOUR PILE NAVIGATION AID DOLPHIN SHALL BE 12"x50'.
6. SIGN SHALL BE REINSTALLED ON NEW TIMBER PILE DOLPHIN WITH 3- $\frac{5}{8}$ "x8" STAINLESS STEEL LAG SCREWS WITH 1 $\frac{3}{8}$ " O.D. S.S. WASHER.
7. DOLPHIN REPAIR WORK SHOULD BE INCLUDED AS PART OF BASE BID, ITEM NO. 2, DOLPHIN REPAIR.

AS-BUILT PLANS
9/04/03

REINSTALL EXISTING BATTERY/DAYLIGHT/SOLAR PANEL ASSEMBLY

REINSTALL EXISTING LIGHT MOUNTING PLATFORM
TO NEW PILE. TOP @ +11.0 NAVD



PLAN

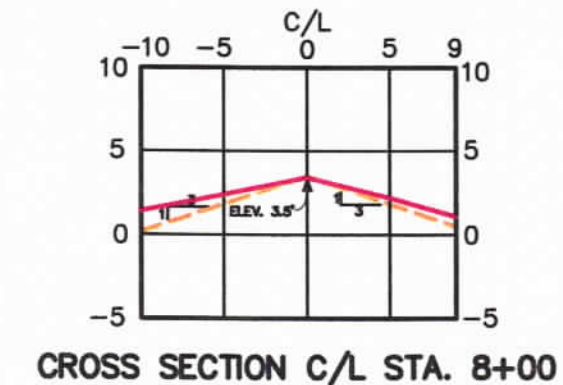
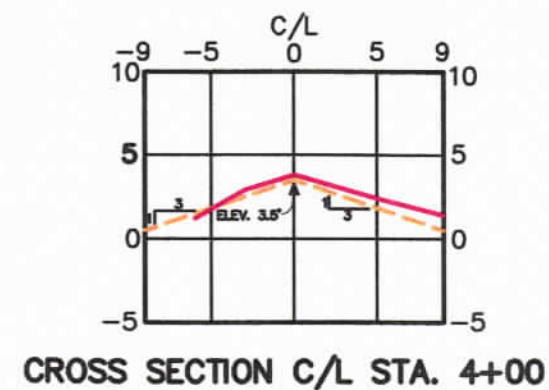
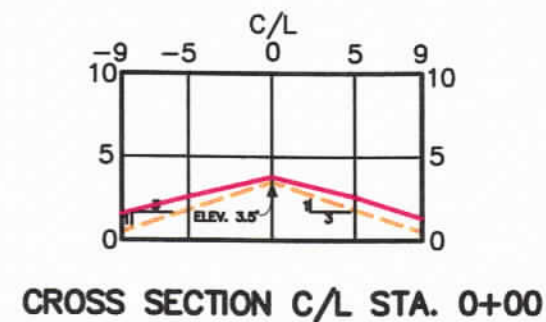
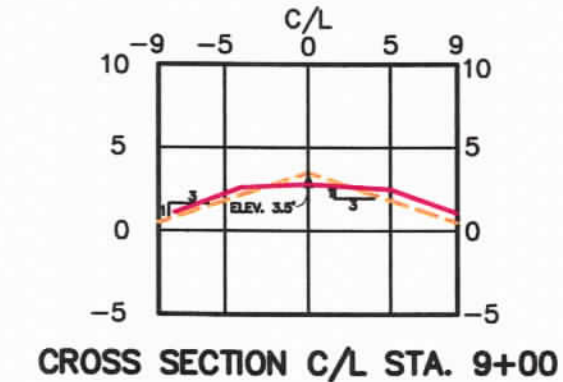
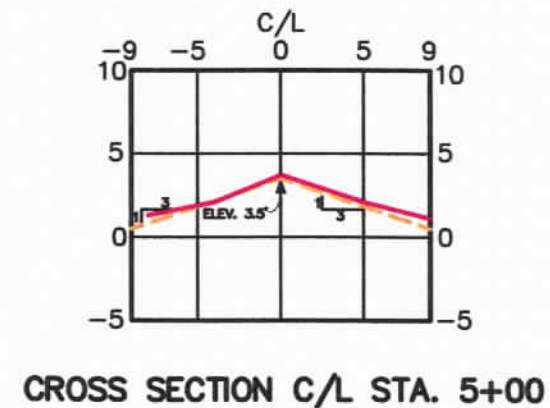
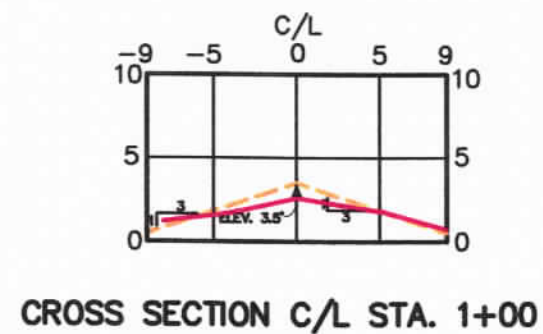
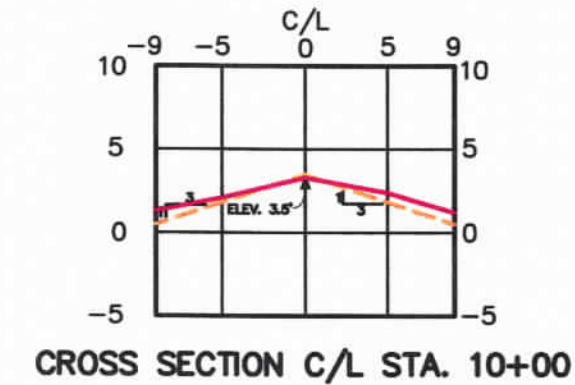
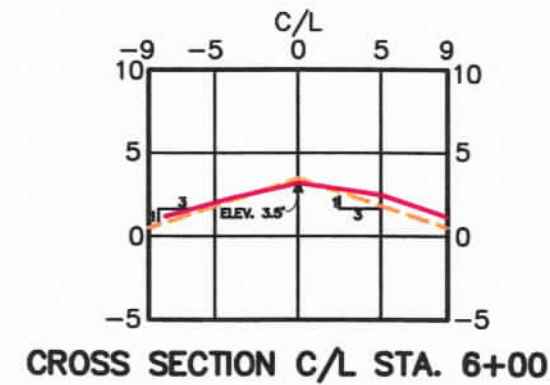
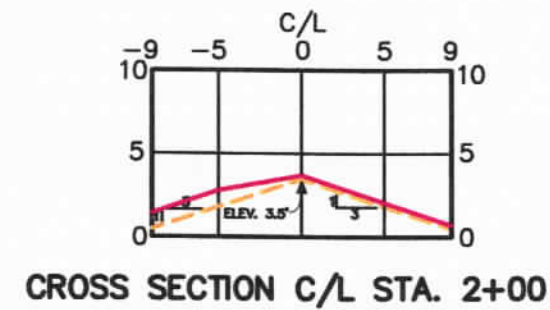
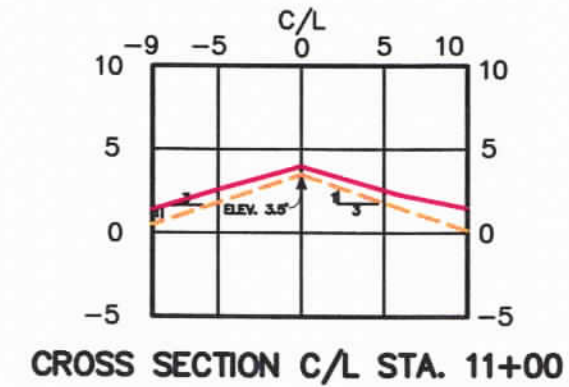
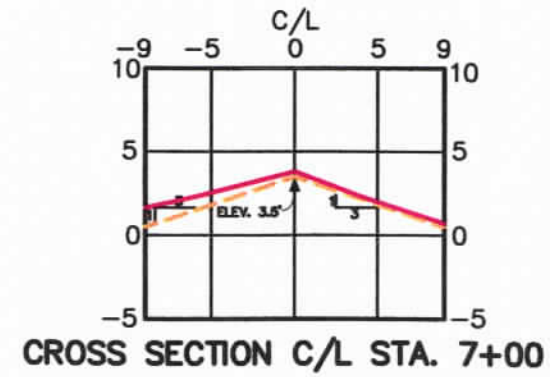
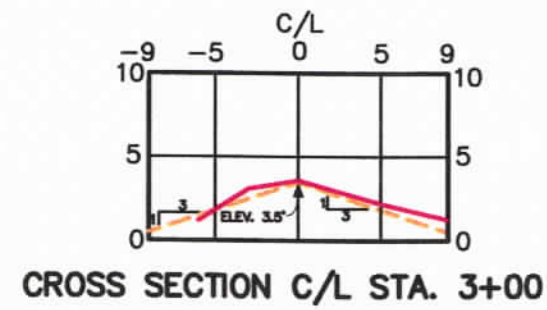
ELEVATION

4 MOUNTING DETAILS-DAYLIGHT ASSEMBLY
1" = 1'-0"
RE: 1

DATE	REVISIONS DESCRIPTION	DATE	BY

DATE	CHECKED BY	DRAWN BY	SCALE
	I. M.P.H.	I. R.C.C.	AS SHOWN

AS-BUILT
8/29/03



LEGEND

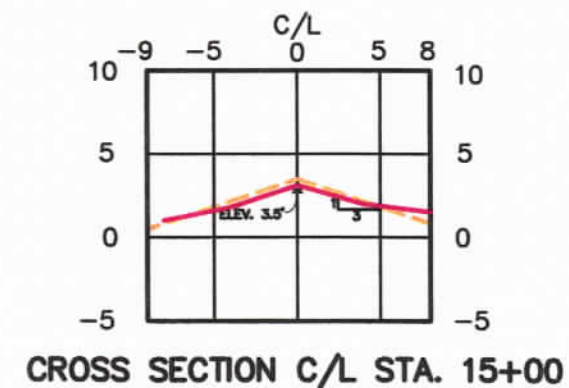
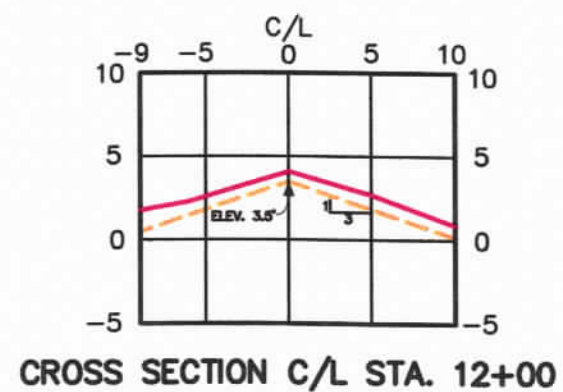
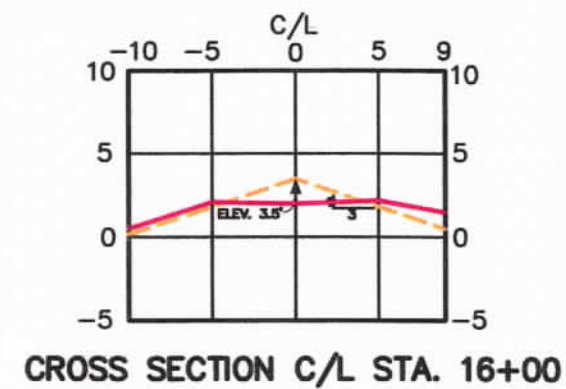
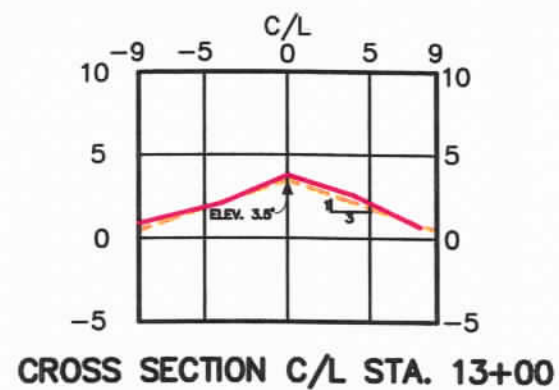
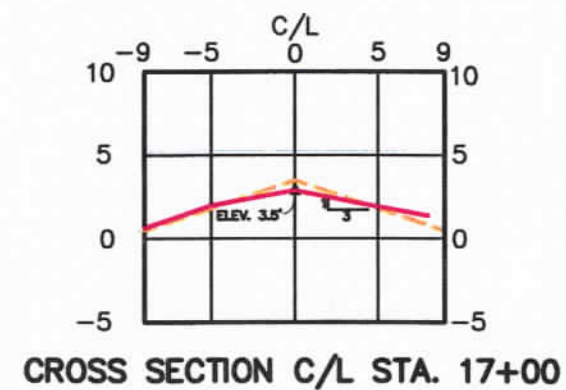
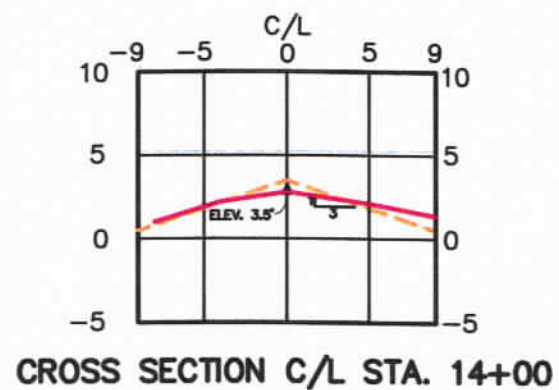
— JULY 9, 2003 AS-BUILT
- - - DESIGN GRADE SECTION

ALT. 1
CROSS SECTIONS
SHEET 1 OF 2

SCALE: 1" = 5' HORIZ. & VERT.

DNR — BRADY CANAL
P & O FILE NO. 10-1628

AS-BUILT
8/29/03



LEGEND

— JULY 9, 2003 AS-BUILT
- - - DESIGN GRADE SECTION

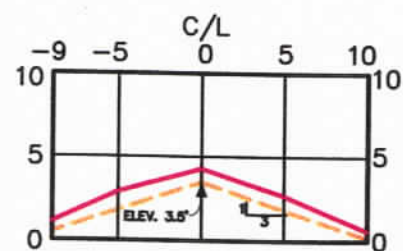
ALT. 1
CROSS SECTIONS

SHEET 2 OF 2

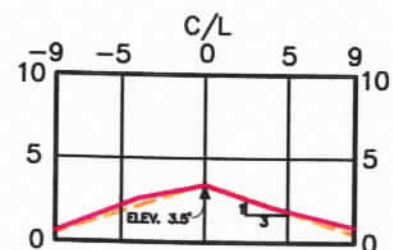
SCALE: 1" = 5' HORIZ. & VERT.

DNR — BRADY CANAL
P & O FILE NO. 10-1628

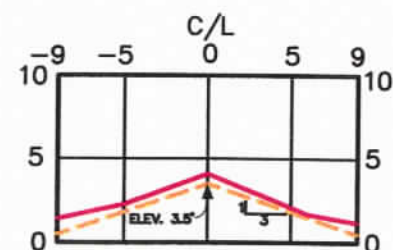
AS-BUILT
8/29/03



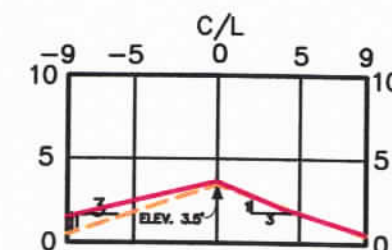
CROSS SECTION C/L STA. 0+00



CROSS SECTION C/L STA. 1+00

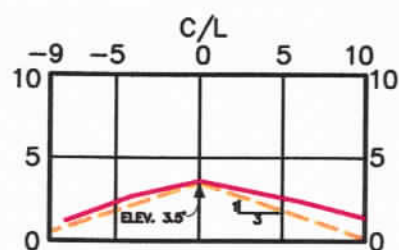


CROSS SECTION C/L STA. 2+00

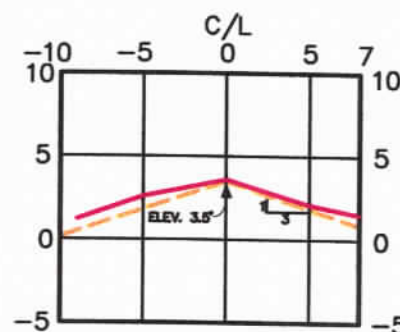


CROSS SECTION C/L STA. 3+00

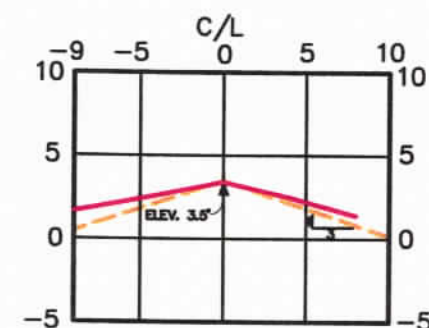
ALT. NO. 2



CROSS SECTION C/L STA. 1+30

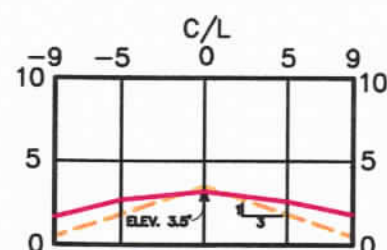


CROSS SECTION C/L STA. 2+00

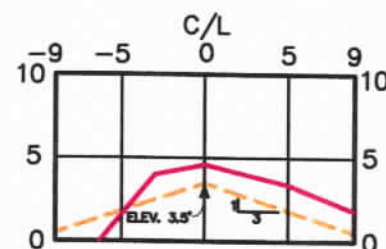


CROSS SECTION C/L STA. 3+00

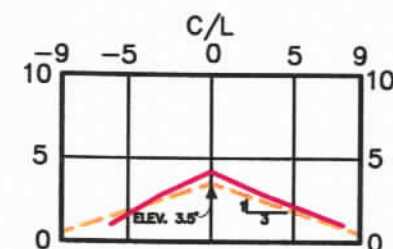
BREACH NO. 4



CROSS SECTION C/L STA. 0+00



CROSS SECTION C/L STA. 1+00



CROSS SECTION C/L STA. 2+00

BREACH NO. 7
CROSS SECTIONS

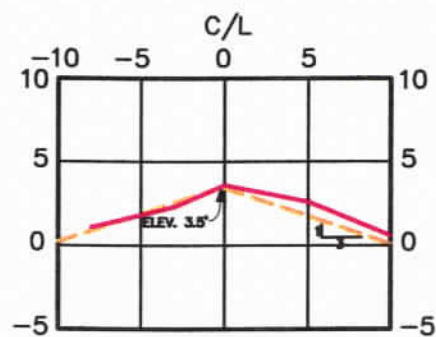
SCALE: 1" = 5' HORIZ. & VERT.

LEGEND

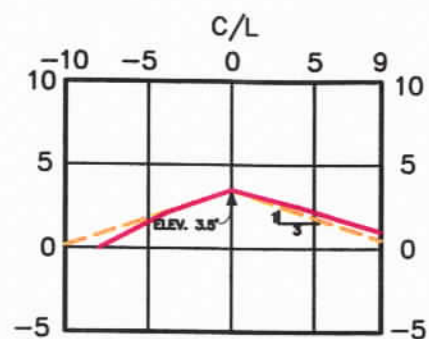
— JULY 9, 2003 AS-BUILT
--- DESIGN GRADE SECTION

DNR — BRADY CANAL
P & O FILE NO. 10-1628

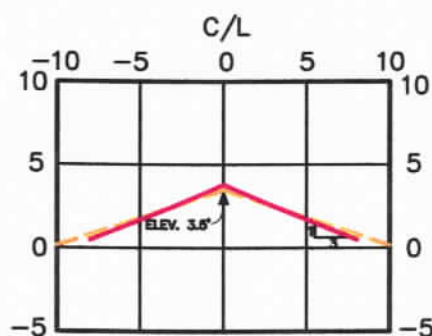
AS-BUILT
8/29/03



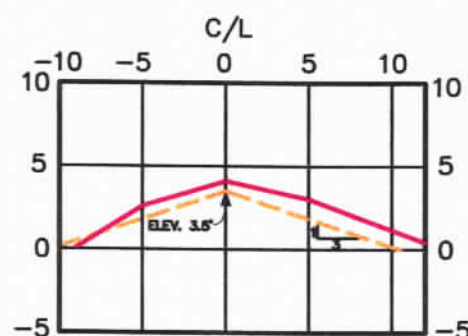
CROSS SECTION C/L STA. 3+00



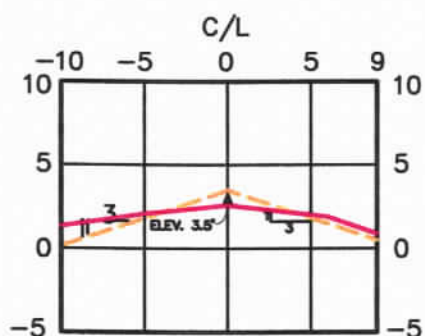
CROSS SECTION C/L STA. 6+00



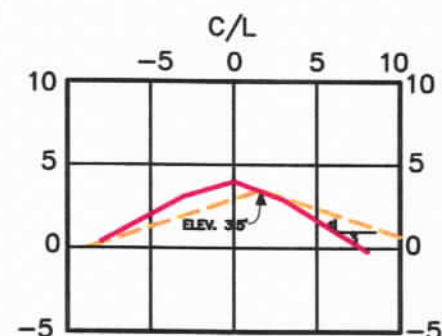
CROSS SECTION C/L STA. 2+00



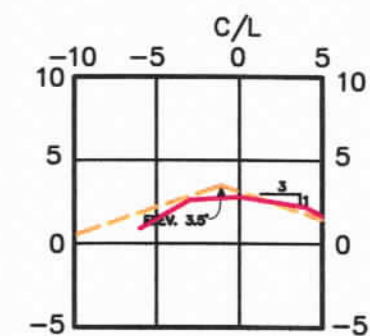
CROSS SECTION C/L STA. 5+00



CROSS SECTION C/L STA. 0+85



CROSS SECTION C/L STA. 4+00



CROSS SECTION C/L STA. 7+00

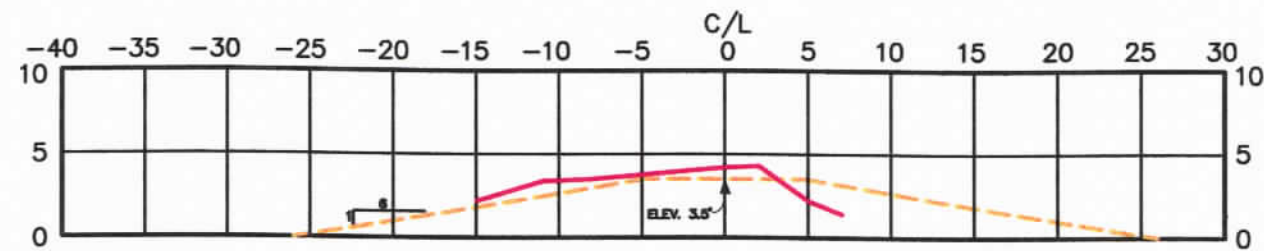
BREACH NO. 1 CROSS SECTIONS

SCALE: 1" = 5' HORIZ. & VERT.

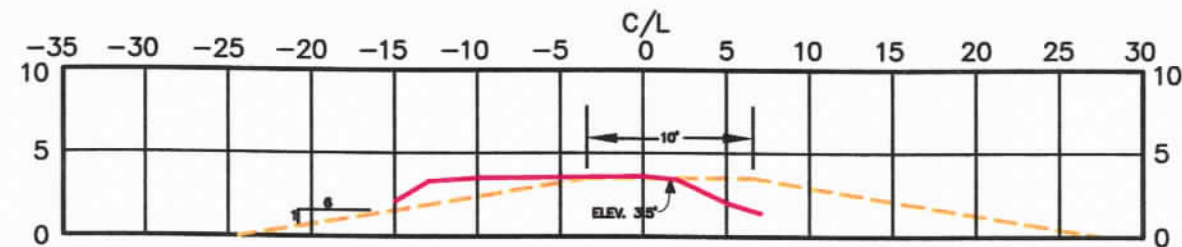
LEGEND

- JULY 9, 2003 AS-BUILT
- DESIGN GRADE SECTION

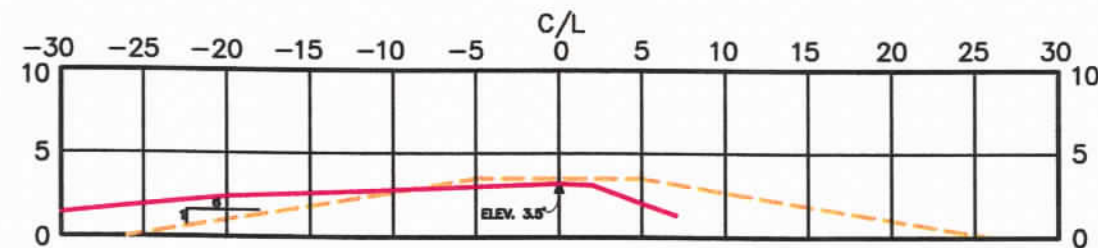
AS-BUILT
8/29/03



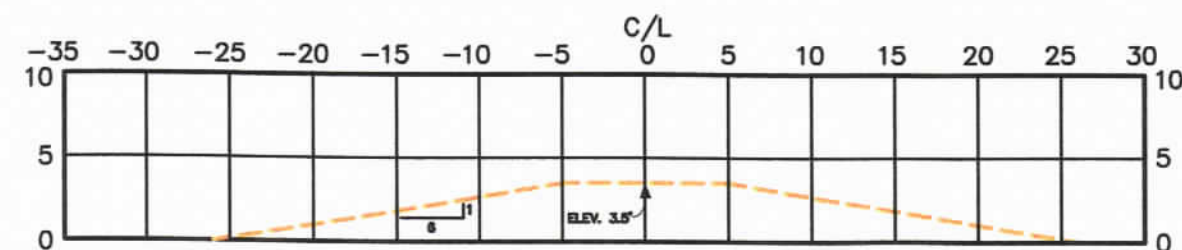
CROSS SECTION C/L STA. 1+30



CROSS SECTION C/L STA. 1+00



CROSS SECTION C/L STA. 0+40



CROSS SECTION C/L STA. 0+18

LEGEND

— JULY 9, 2003 AS-BUILT
- - - DESIGN GRADE SECTION

**BREACH 10
CROSS SECTIONS**

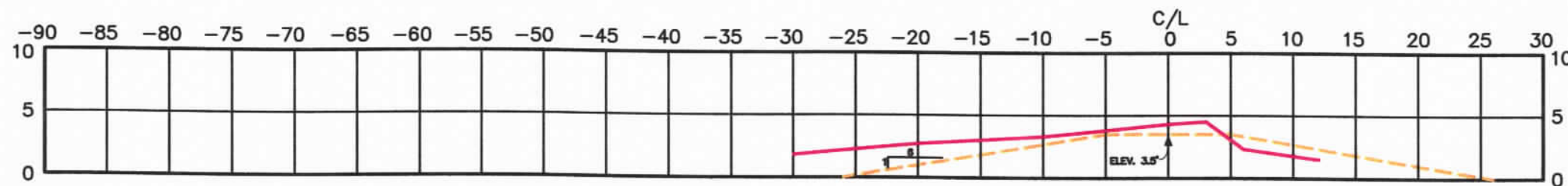
SCALE: 1" = 5' HORIZ. & VERT.

DNR — BRADY CANAL
P & O FILE NO. 10-1628

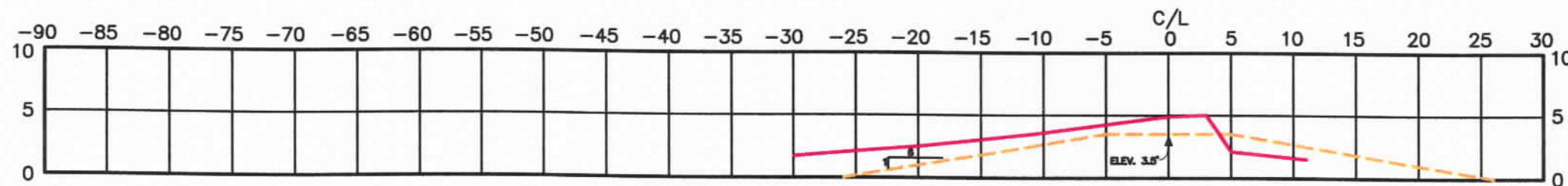
AS-BUILT
8/29/03



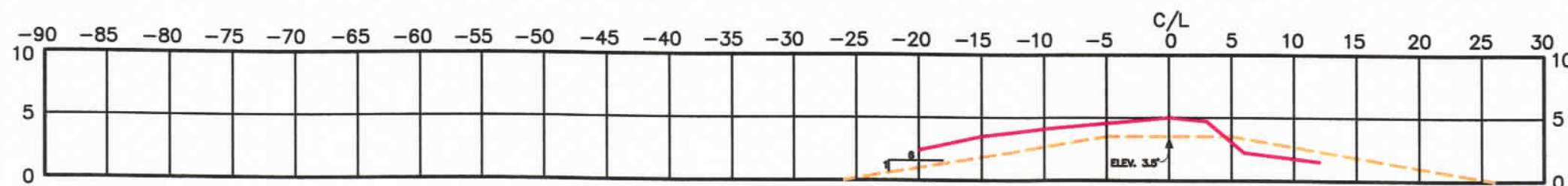
CROSS SECTION C/L STA. 3+00



CROSS SECTION C/L STA. 2+00



CROSS SECTION C/L STA. 1+00



CROSS SECTION C/L STA. 0+00

LEGEND

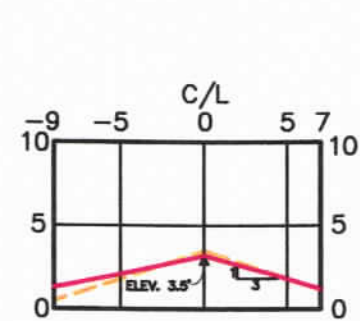
- JULY 9, 2003 AS-BUILT
- DESIGN GRADE SECTION

**BREACH 11
CROSS SECTIONS**

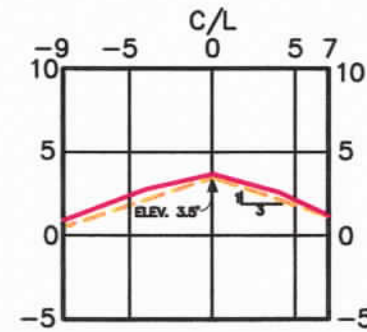
SCALE: 1" = 5' HORIZ. & VERT.

DNR - BRADY CANAL
P & O FILE NO. 10-1628

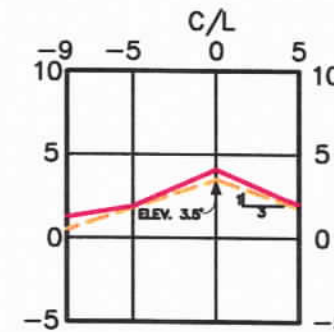
AS-BUILT
8/29/03



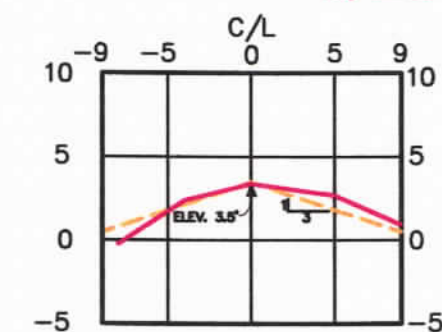
CROSS SECTION C/L STA. 2+00



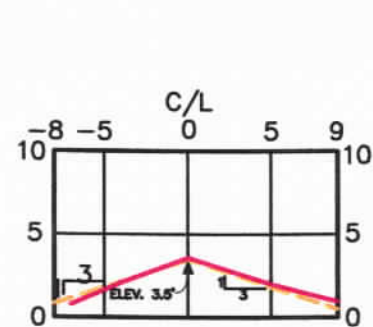
CROSS SECTION C/L STA. 5+00



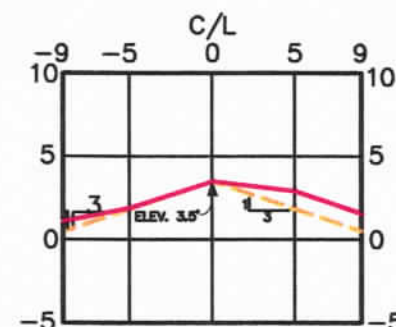
CROSS SECTION C/L STA. 8+00



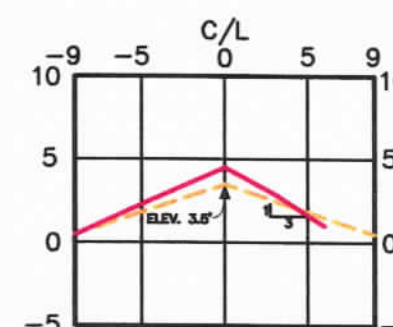
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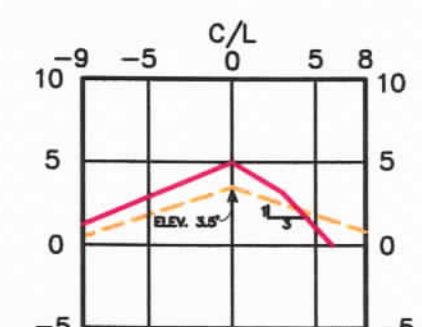
CROSS SECTION C/L STA. 1+00



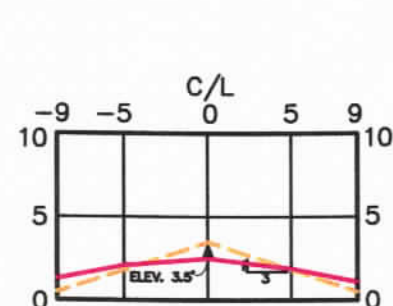
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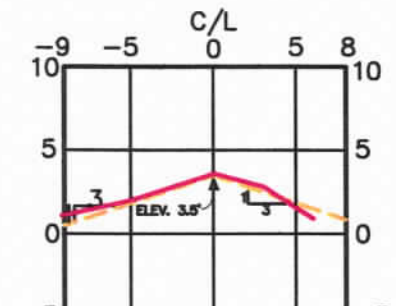
CROSS SECTION C/L STA. 7+00



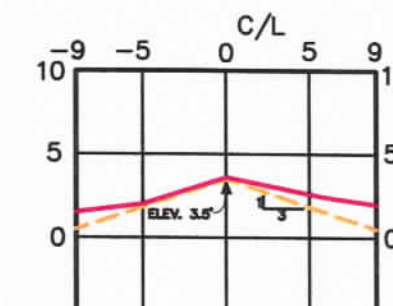
CROSS SECTION C/L STA. 10+00



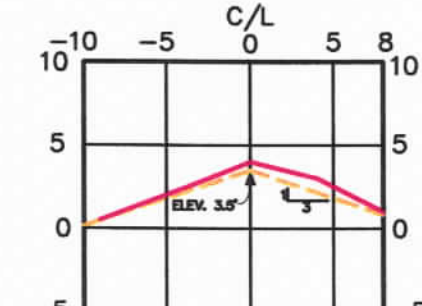
CROSS SECTION C/L STA. 0+00



CROSS SECTION C/L STA. 3+00



CROSS SECTION C/L STA. 6+00



CROSS SECTION C/L STA. 9+00

BREACHES NO. 2 AND NO. 3 CROSS SECTIONS

SCALE: 1" = 5' HORIZ. & VERT.

LEGEND

— JULY 9, 2003 AS-BUILT

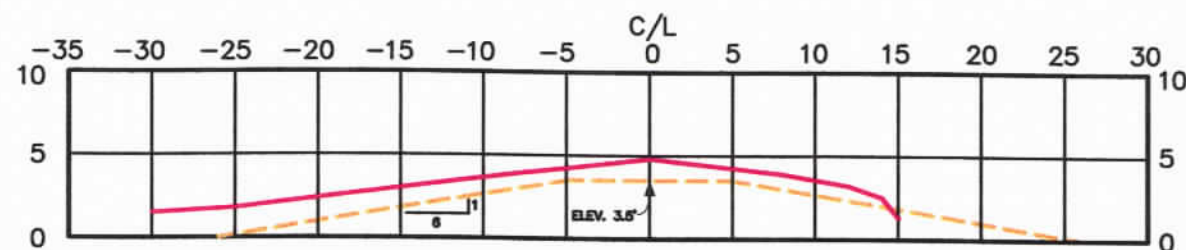
- - - DESIGN GRADE SECTION

DNR — BRADY CANAL
P & O FILE NO. 10-1628

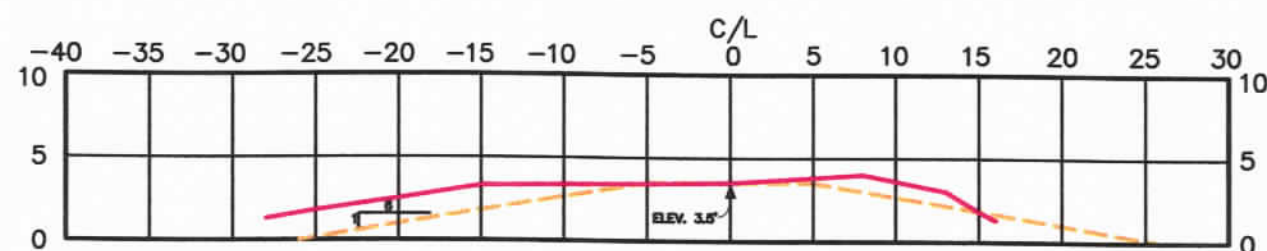
AS-BUILT
8/29/03



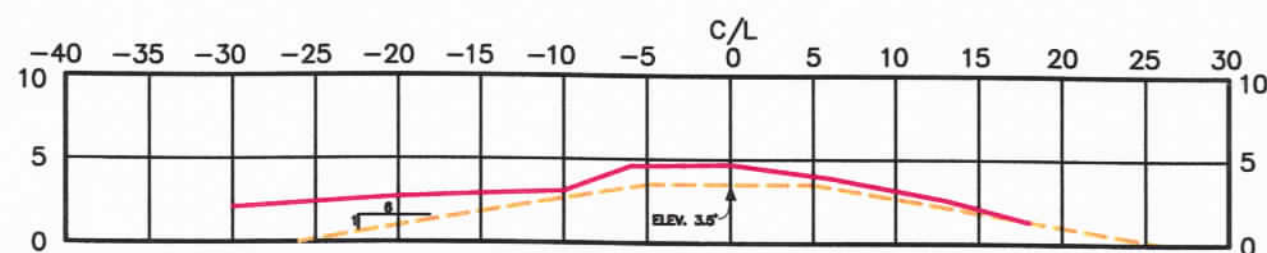
CROSS SECTION C/L STA. 4+00



CROSS SECTION C/L STA. 3+00



CROSS SECTION C/L STA. 2+00



CROSS SECTION C/L STA. 1+00



CROSS SECTION C/L STA. 0+00

LEGEND

— JULY 9, 2003 AS-BUILT
- - - DESIGN GRADE SECTION

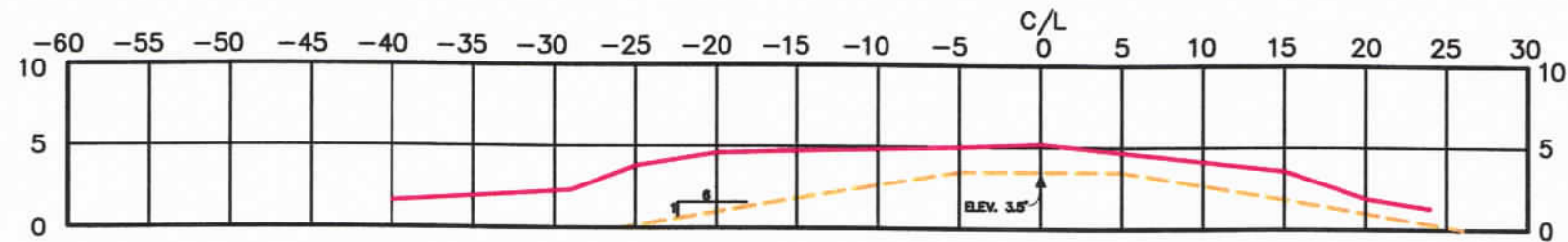
**BREACHES 5 & 6
CROSS SECTIONS**

SHEET 1 OF 3

SCALE: 1" = 5' HORIZ. & VERT.

DNR — BRADY CANAL
P & O FILE NO. 10-1628

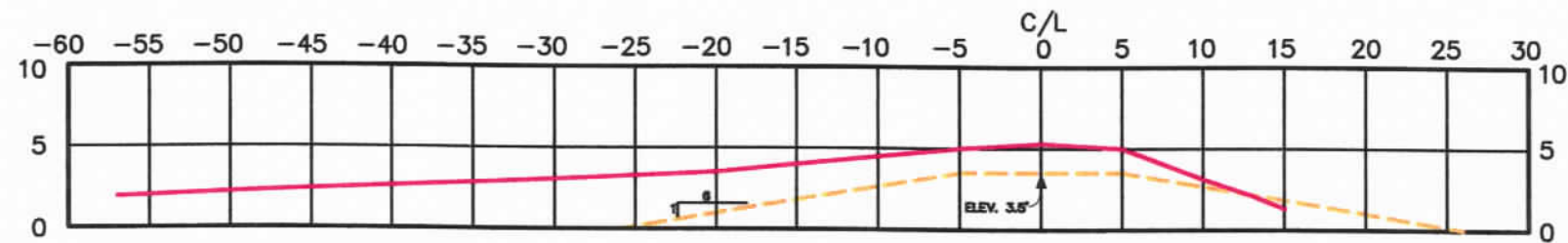
AS-BUILT
8/29/03



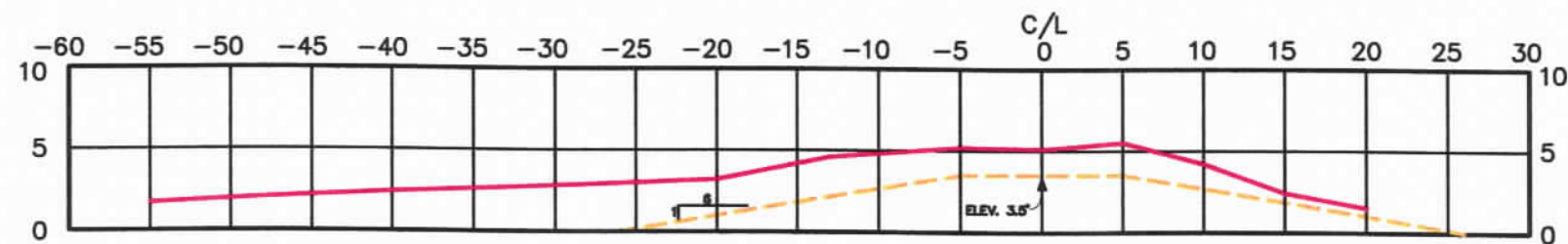
CROSS SECTION C/L STA. 9+00



CROSS SECTION C/L STA. 8+00



CROSS SECTION C/L STA. 7+00



CROSS SECTION C/L STA. 6+00



CROSS SECTION C/L STA. 5+00

LEGEND

- JULY 9, 2003 AS-BUILT
- DESIGN GRADE SECTION

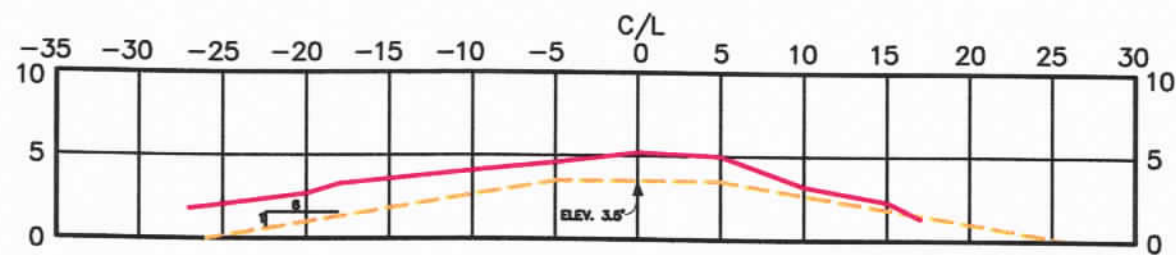
**BREACHES 5 & 6
CROSS SECTIONS**

SHEET 2 OF 3

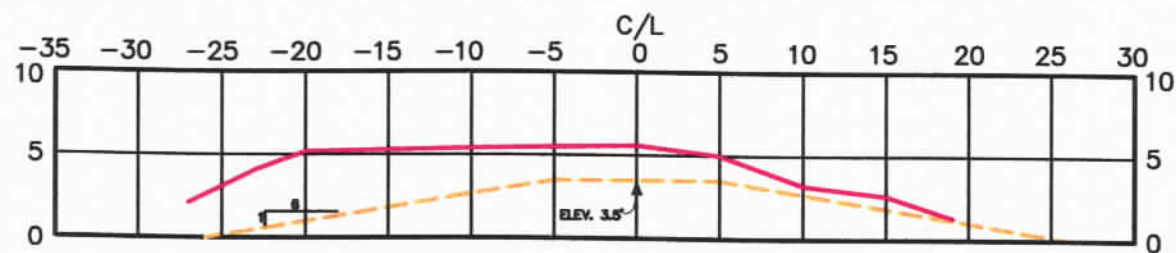
SCALE: 1" = 5' HORIZ. & VERT.

DNR - BRADY CANAL
P & O FILE NO. 10-1628

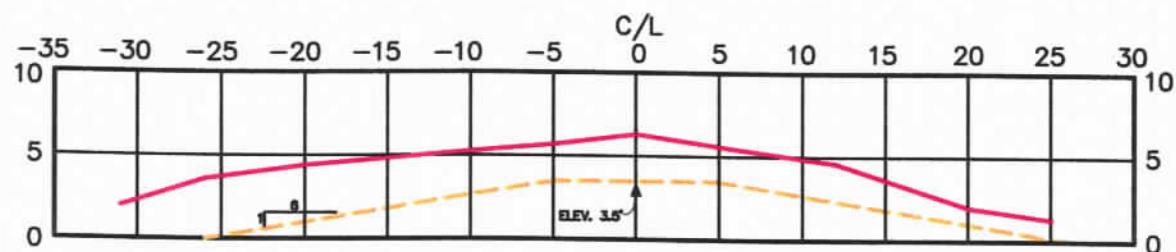
AS-BUILT
8/29/03



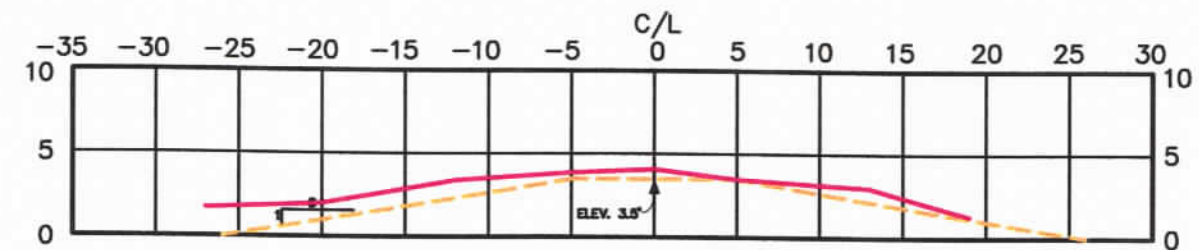
CROSS SECTION C/L STA. 12+00



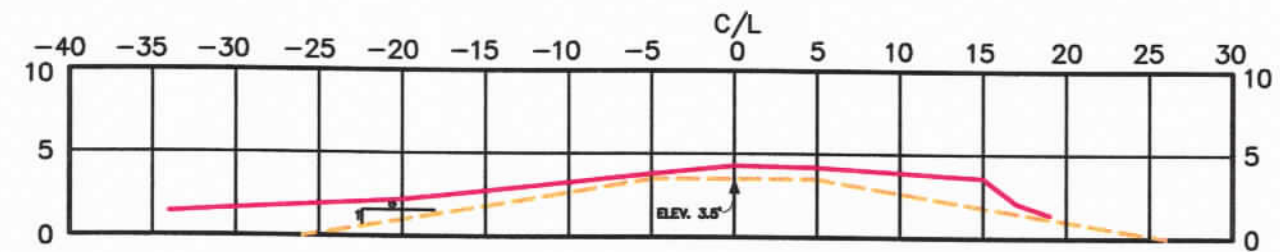
CROSS SECTION C/L STA. 11+00



CROSS SECTION C/L STA. 10+00



CROSS SECTION C/L STA. 15+00



CROSS SECTION C/L STA. 14+00



CROSS SECTION C/L STA. 13+00

LEGEND

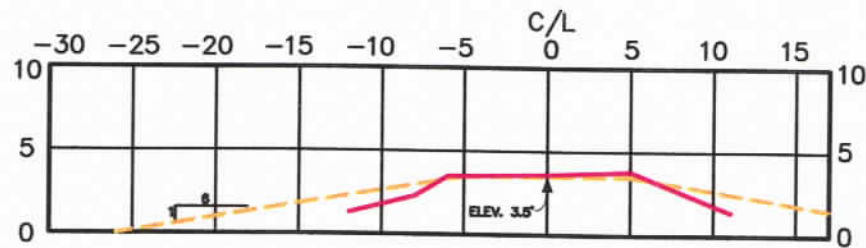
- JULY 9, 2003 AS-BUILT
- - - DESIGN GRADE SECTION

**BREACHES 5 & 6
CROSS SECTIONS**

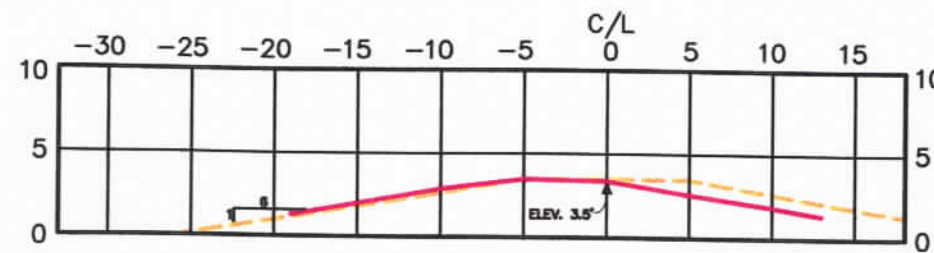
SHEET 3 OF 3

SCALE: 1" = 5' HORIZ. & VERT.

DNR - BRADY CANAL
P & O FILE NO. 10-1628

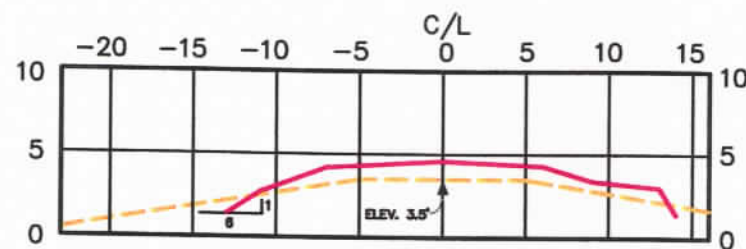


CROSS SECTION C/L STA. 2+00



CROSS SECTION C/L STA. 2+75

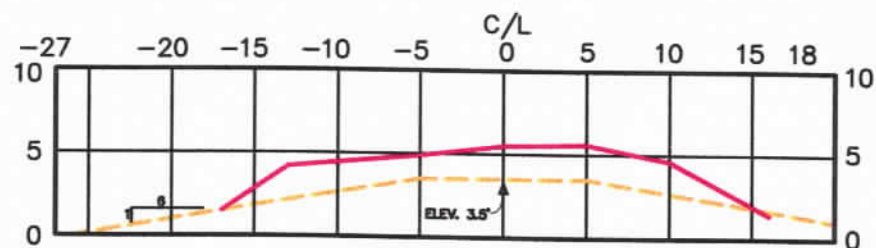
AS-BUILT
8/29/03



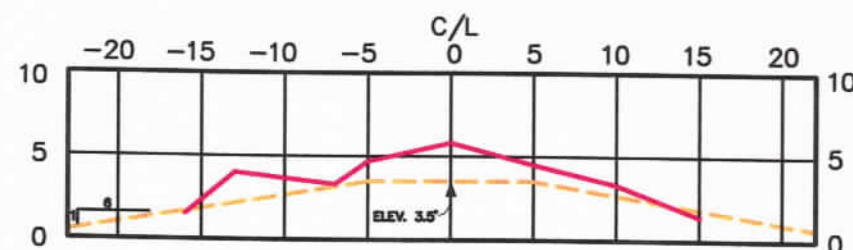
CROSS SECTION C/L STA. 1+00

BREACH NO.8 CROSS SECTIONS

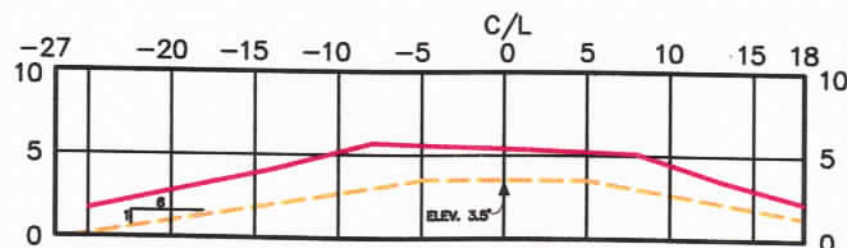
SCALE: 1" = 5' HORIZ. & VERT.



CROSS SECTION C/L STA. 2+20



CROSS SECTION C/L STA. 2+90



CROSS SECTION C/L STA. 1+20

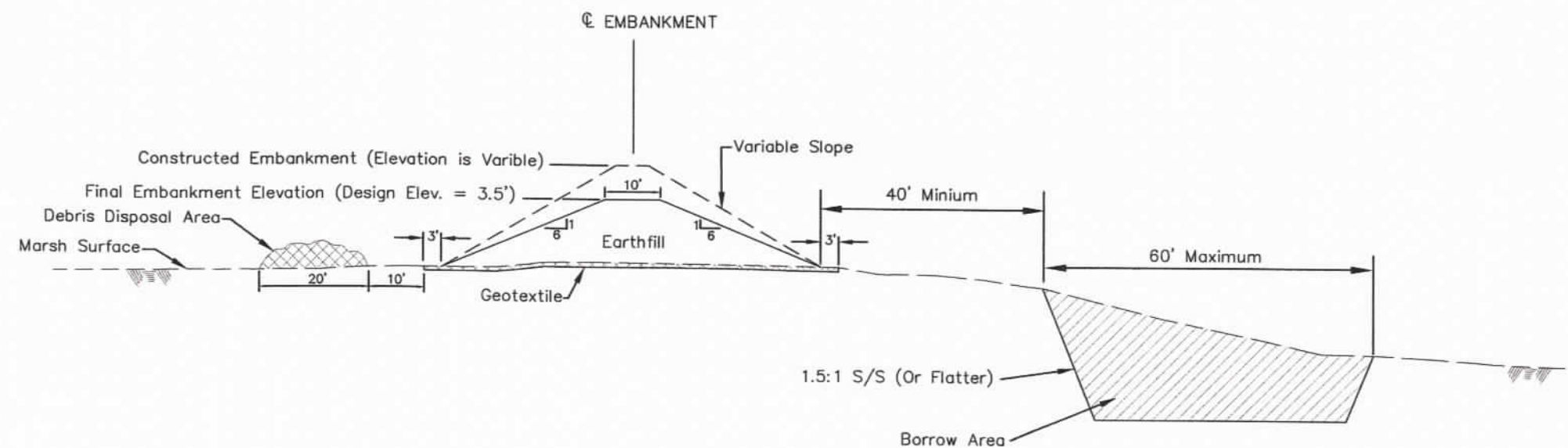
BREACH NO.9 CROSS SECTIONS

SCALE: 1" = 5' HORIZ. & VERT.

LEGEND

- JULY 9, 2003 AS-BUILT
- DESIGN GRADE SECTION

AS-BUILT PLANS
9/04/03



BASE BID
TYPICAL EARTH FILL SECTION
WITH GEOTEXTILE

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
TYPICAL SECTIONS
BRADY CANAL TERREBONNE PARISH, LOUISIANA

DATE: 10/1/03
CHECKED BY: J.M.P.M.
DRAWN BY: J.V.J.U.
SCALE: 1" = 100'

DATE	REVISIONS DESCRIPTION	BY

PYBURN & ODOM MCA
Engineering & Related Services Since 1948