

**FINAL  
ENVIRONMENTAL STATEMENT**

**MAINTENANCE DREDGING  
GULF INTRACOASTAL  
WATERWAY  
TEXAS SECTION**

**MAIN CHANNEL AND TRIBUTARY CHANNELS**



**VOLUME 2  
FIGURES**



**PREPARED BY  
U. S. ARMY CORPS OF ENGINEERS  
GALVESTON DISTRICT**

**OCTOBER, 1975**

**Reprinted January 1984**

**ENVIRONMENTAL STATEMENT**

**MAINTENANCE DREDGING  
GULF INTRACOASTAL WATERWAY  
TEXAS SECTION**

**Main Channel and Tributary Channels**

**VOLUME II  
FIGURES**

**Prepared by**

**U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS**

**30 October 1974**

**(Reprinted January 1984)**

## Forward

1. The drawings contained herein accompany the Draft Environmental Impact Statement for maintenance dredging of the Gulf Intracoastal Waterway, Texas Section. They are intended to show the locations and dimensions of the project channels and disposal areas only. These drawings are a compilation of drawings from several sources, and some contain information which is not necessarily pertinent to the Environmental Impact Statement.
2. When unleveed open water disposal areas appear on a drawing, a note is usually affixed stating that toe levees will be constructed when dredged material becomes emergent above mean high water at the back limiting lines of discharge. This statement appears to conflict with recommendations made by the U.S. Fish and Wildlife Service (USF&WS) in their reports on the various reaches of the project. The USF&WS generally recommended toe levee construction when material became emergent above 1.5 feet above mean low tide. Experience in the field has shown that the mean high water datum is more workable, and by mutual agreement between the USF&WS and the Corps of Engineers it has been adopted instead of the 1.5 feet above mean low tide.
3. This volume of drawings will not be reissued with the Final Environmental Impact Statement. Any required modifications to the drawings will be made on an individual sheet basis.

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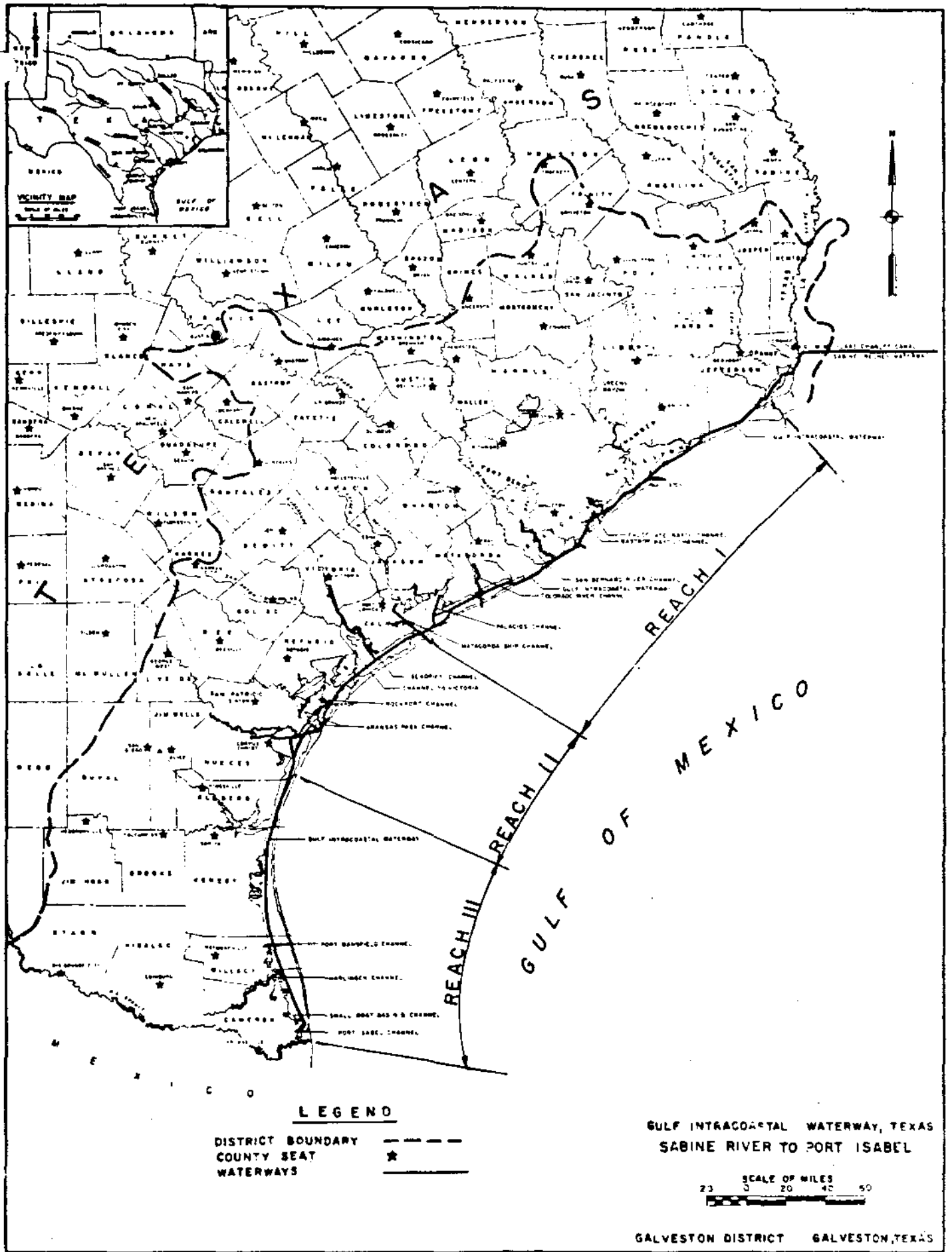


FIGURE 1

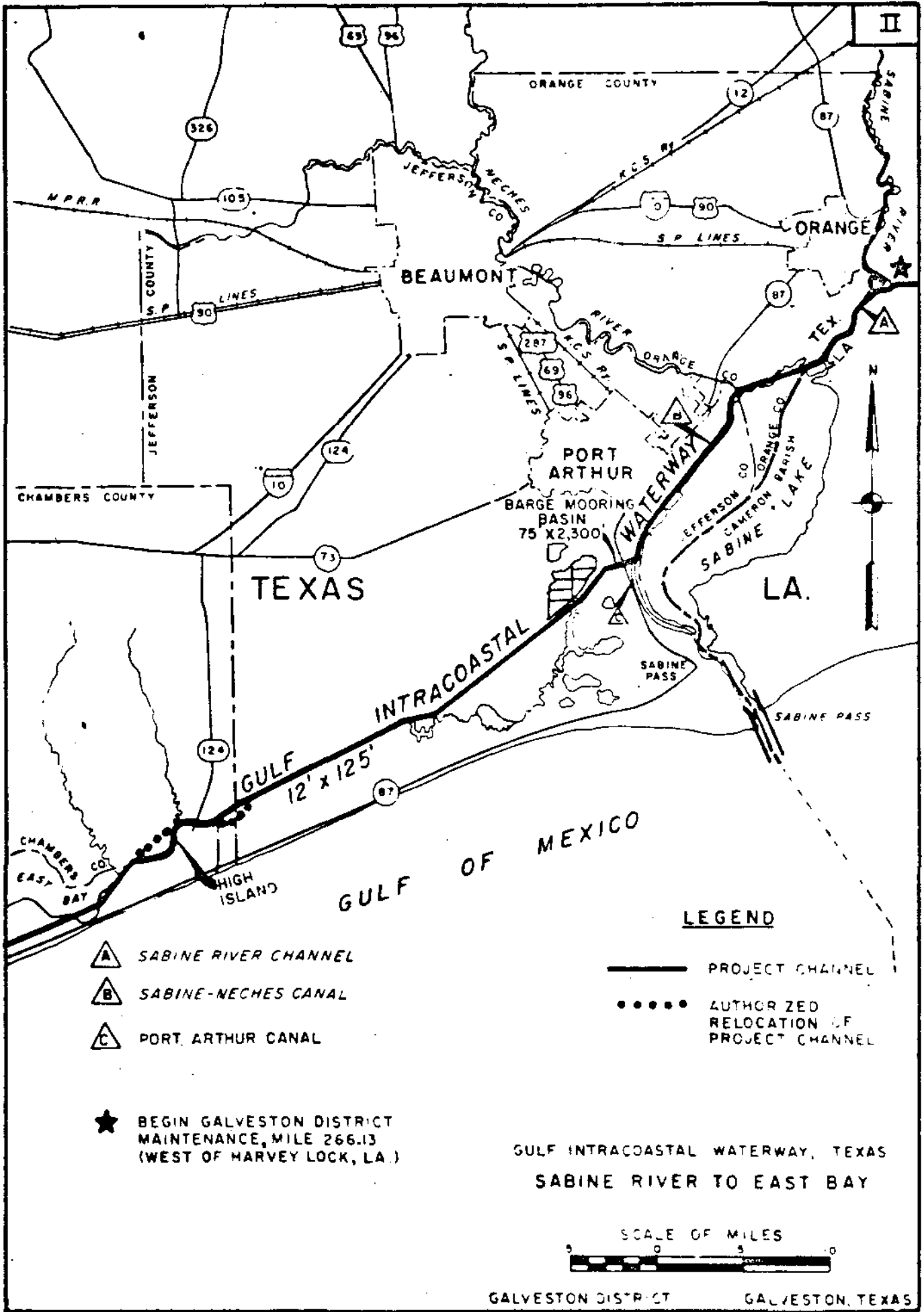


FIGURE 2

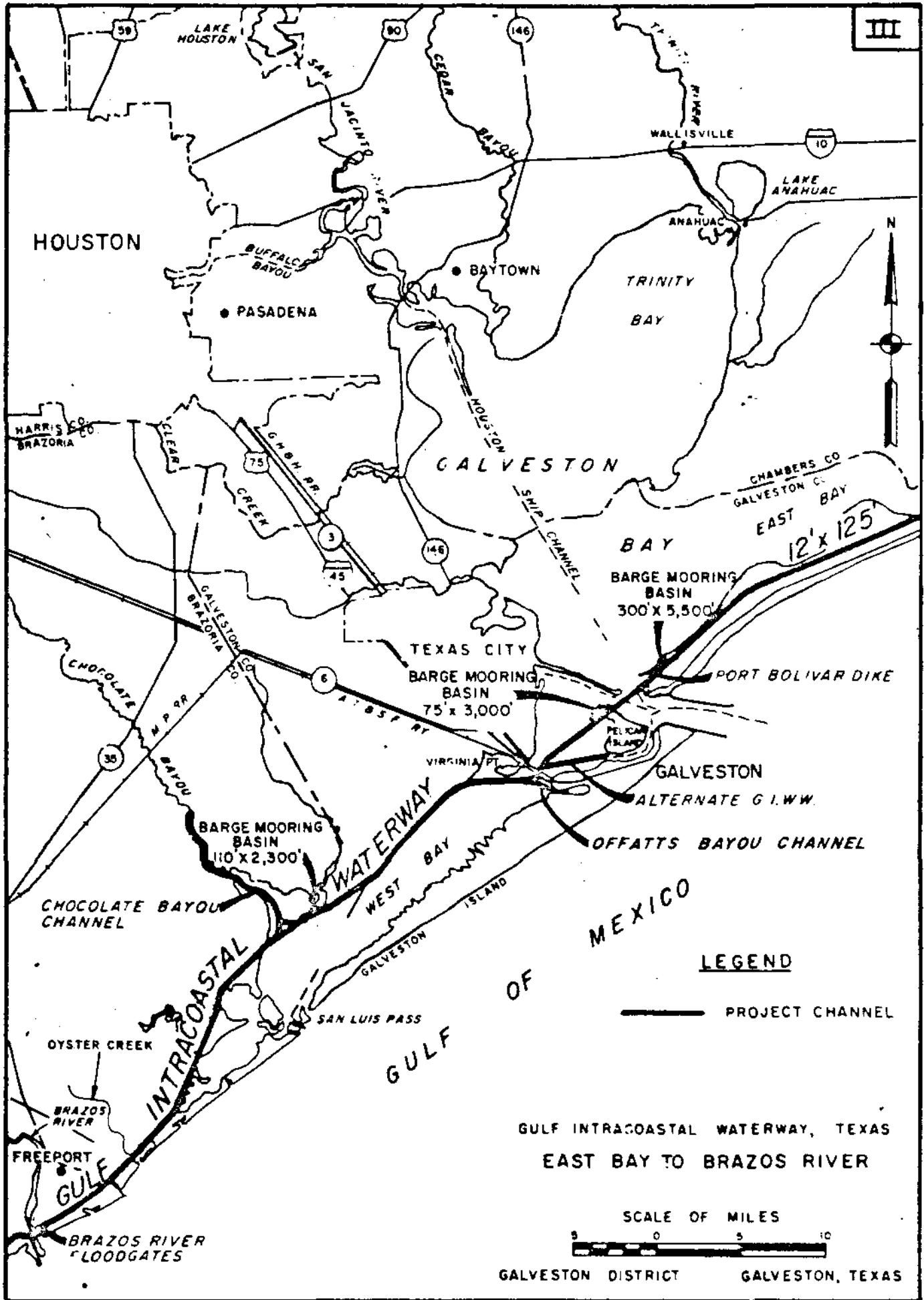
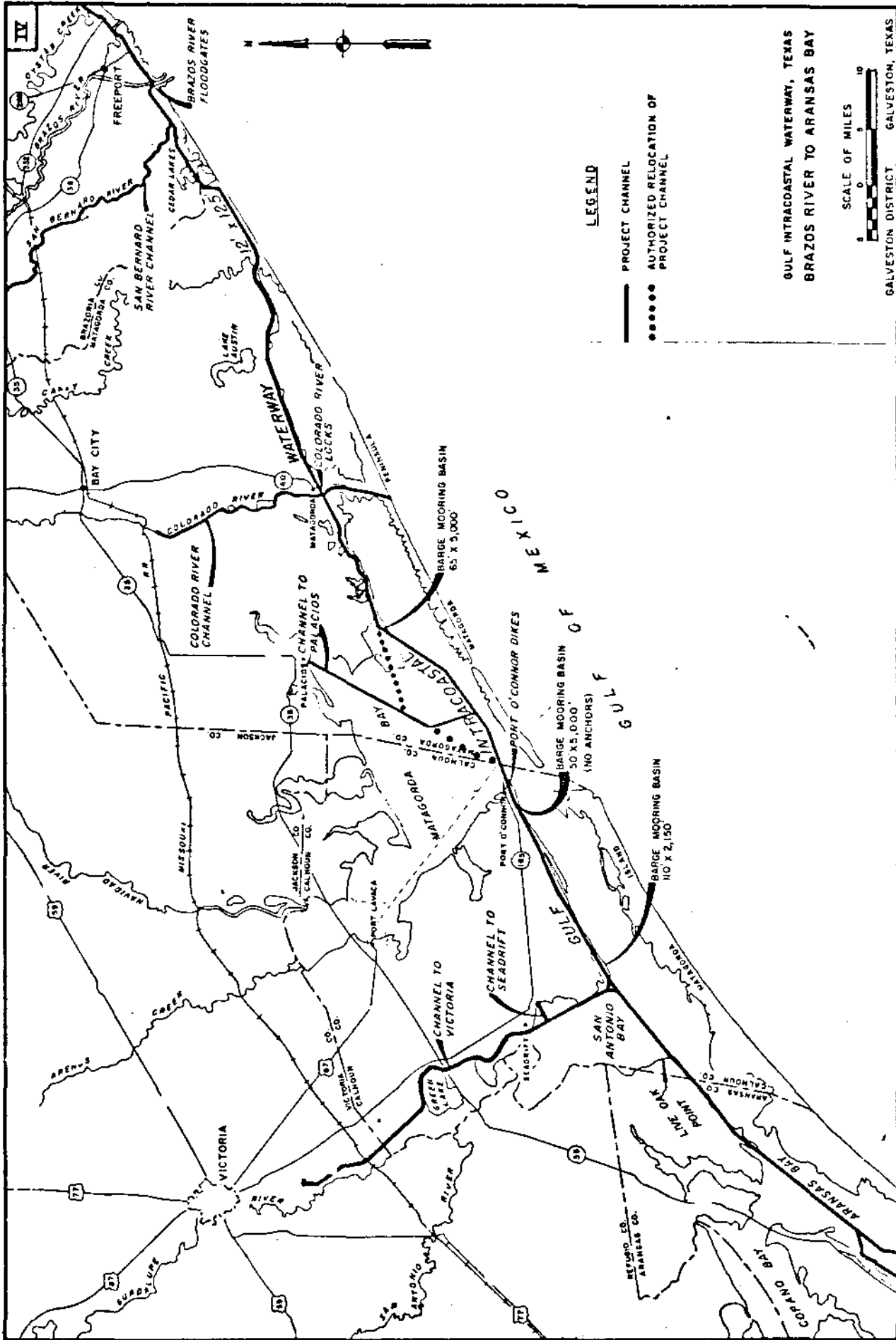
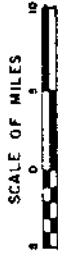


FIGURE 3



**LEGEND**

- PROJECT CHANNEL
- ..... AUTHORIZED RELOCATION OF PROJECT CHANNEL



GULF INTRACOSTAL WATERWAY, TEXAS  
BRAZOS RIVER TO ARKANSAS BAY

GALVESTON DISTRICT GALVESTON, TEXAS  
FIGURE 4



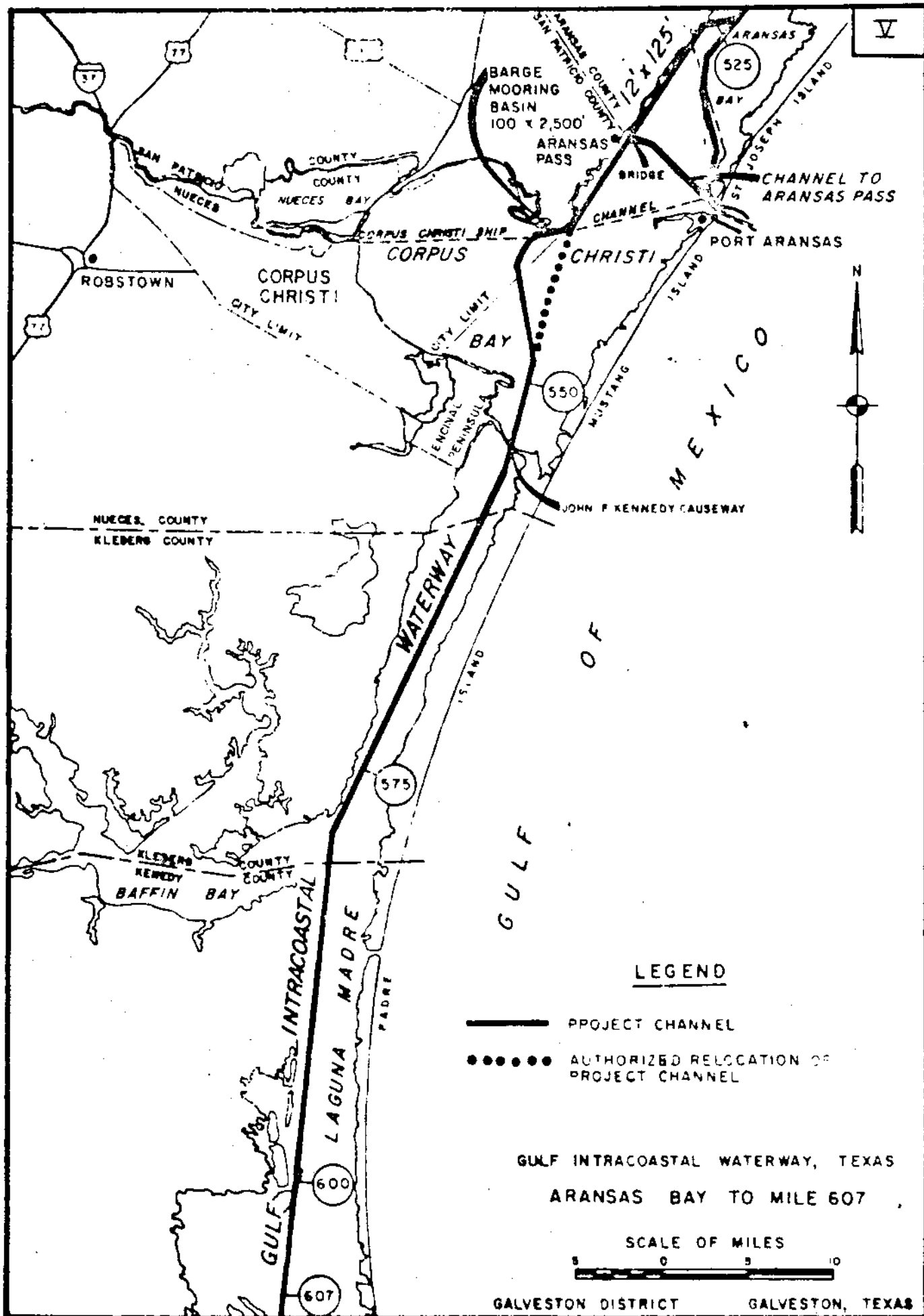
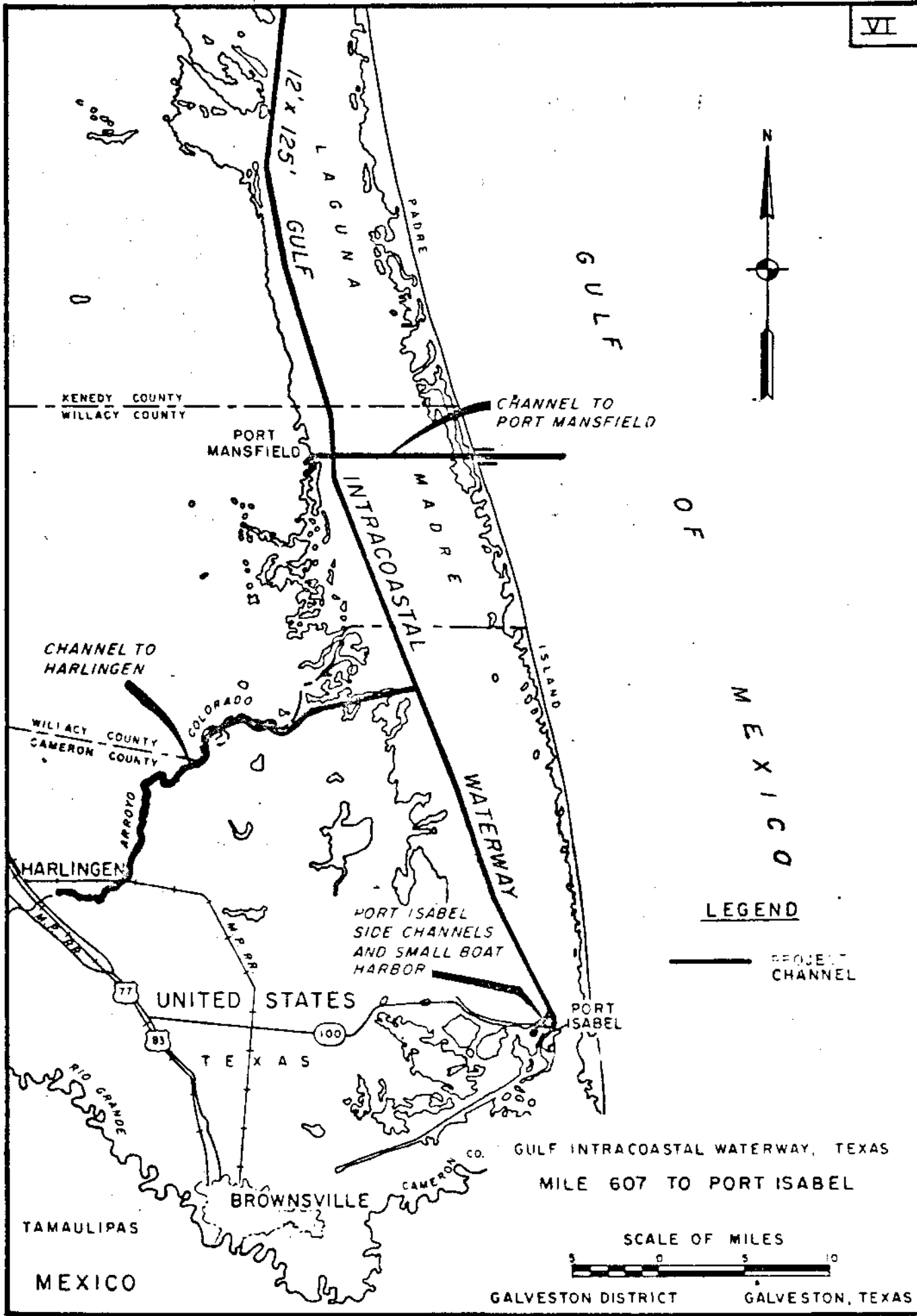
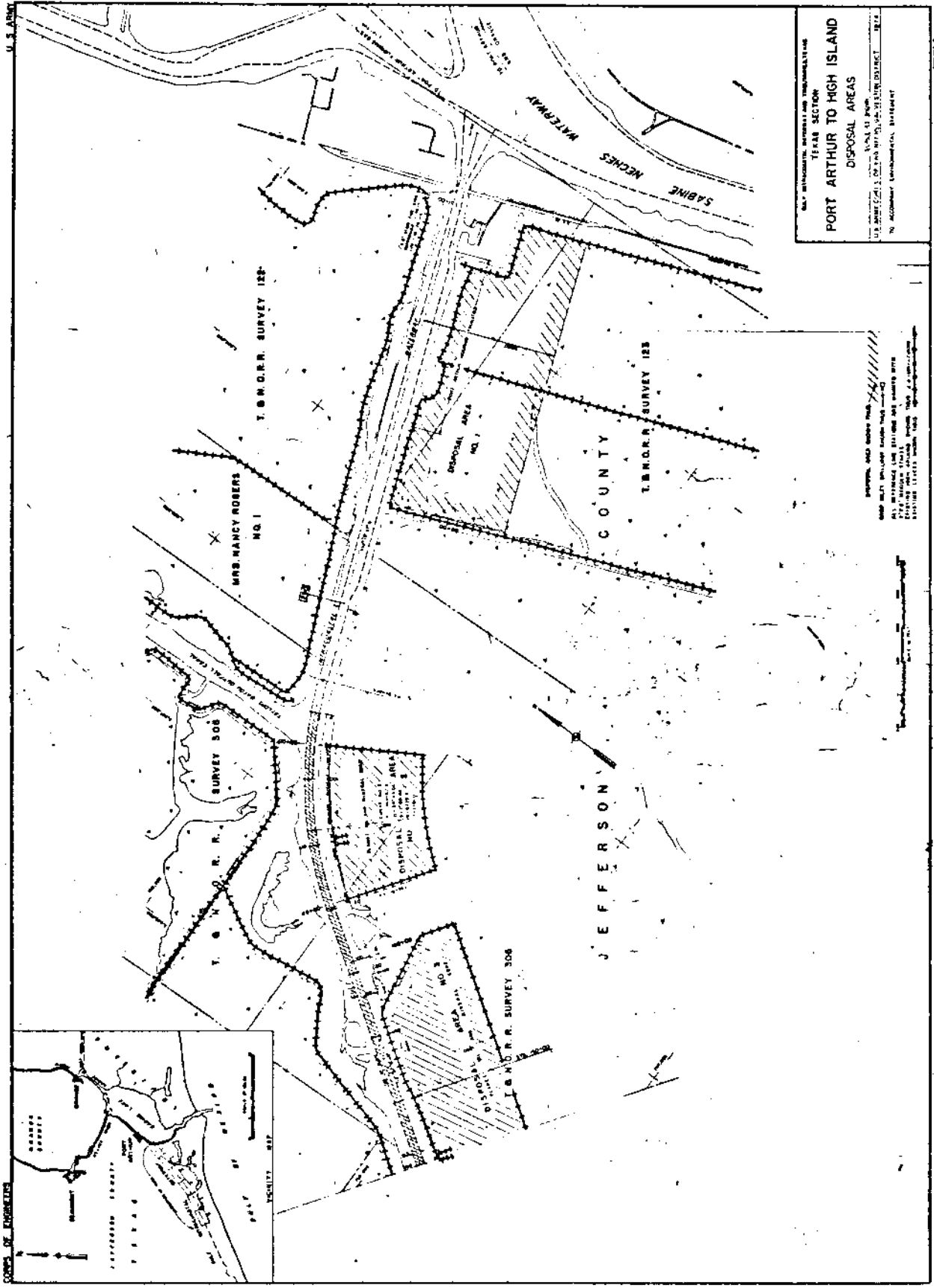


FIGURE 5

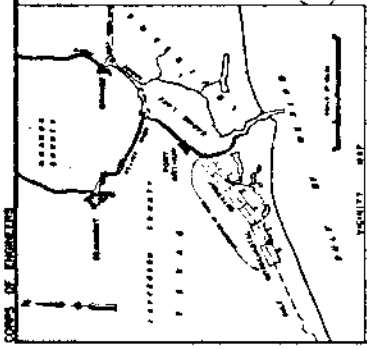


GULF INTRACOASTAL WATERWAY, TEXAS  
MILE 607 TO PORT ISABEL

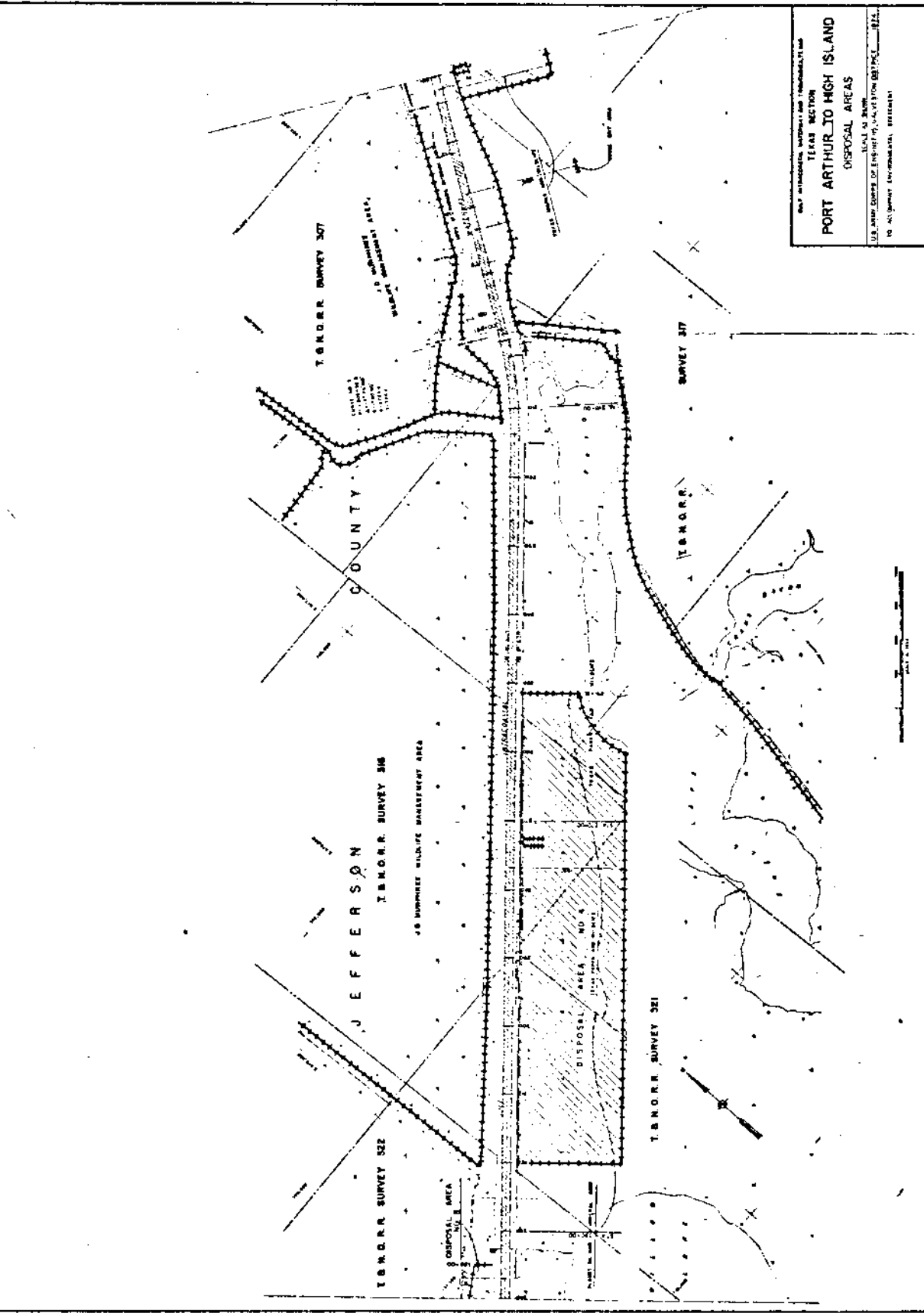
FIGURE 6



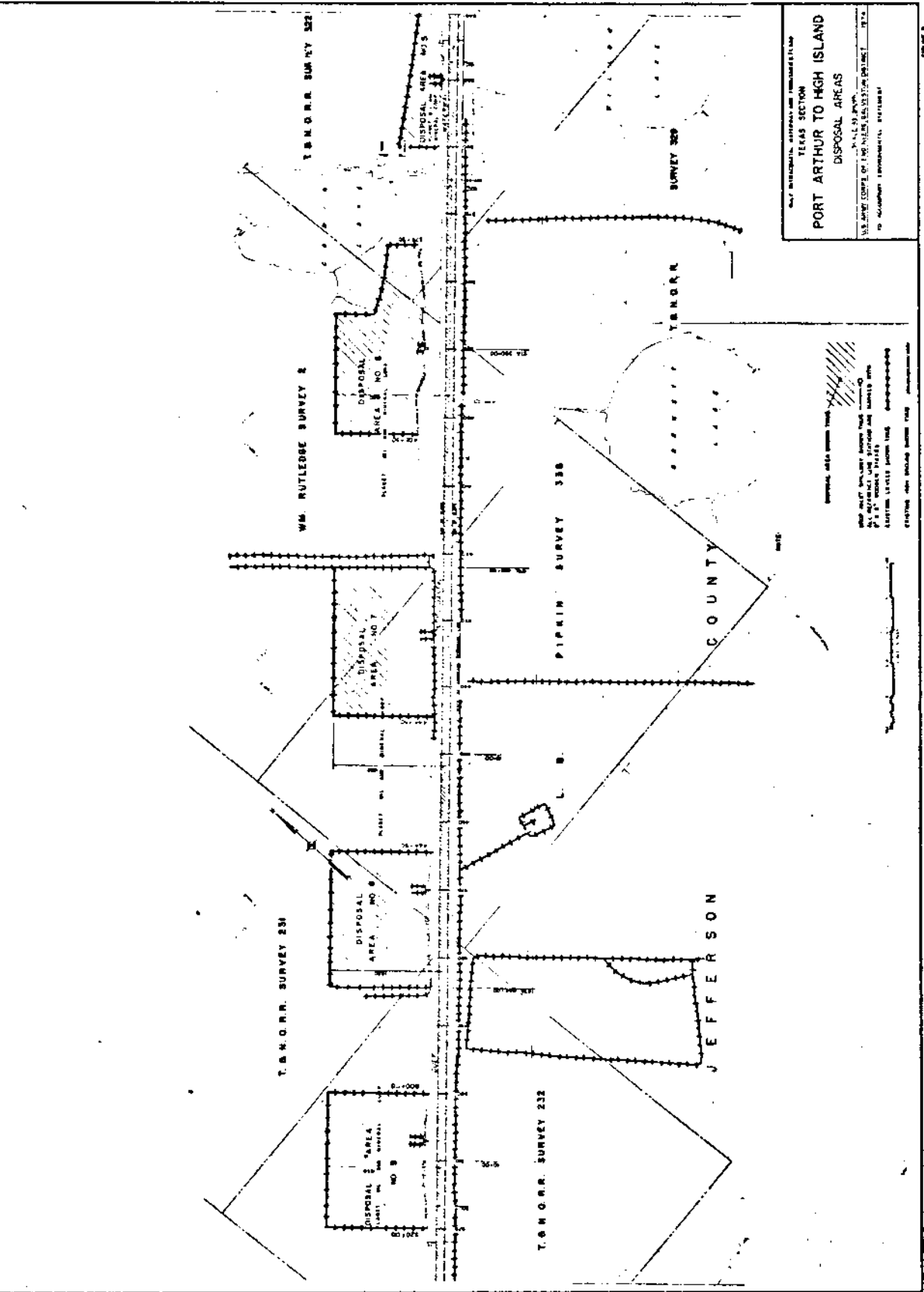
U.S. ARMY  
 ENGINEERING DISTRICT AND TERRITORY OFFICE  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND**  
 DISPOSAL AREAS  
 U.S. ARMY ENGINEERING DISTRICT OFFICE  
 PORT ARTHUR, TEXAS  
 1954



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 THIS DRAWING IS THE PROPERTY OF THE U.S. ARMY  
 ENGINEERING DISTRICT OFFICE  
 PORT ARTHUR, TEXAS

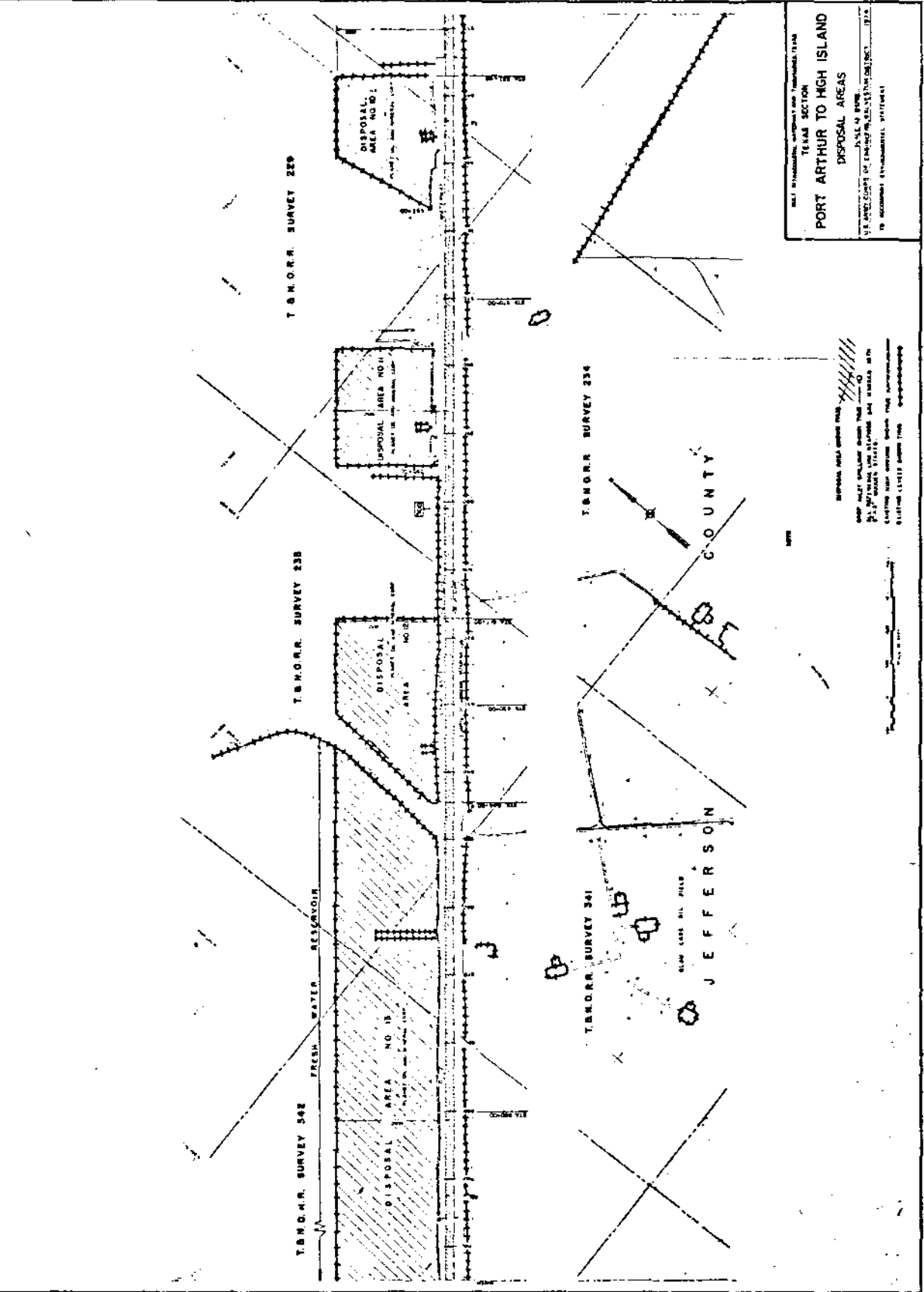


NOT AUTHORIZED REPRODUCTION OR TRANSMISSION  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND**  
 DISPOSAL AREAS  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, DISTRICT OFFICE  
 10 AUGUST 1964 (REVISED), 1972



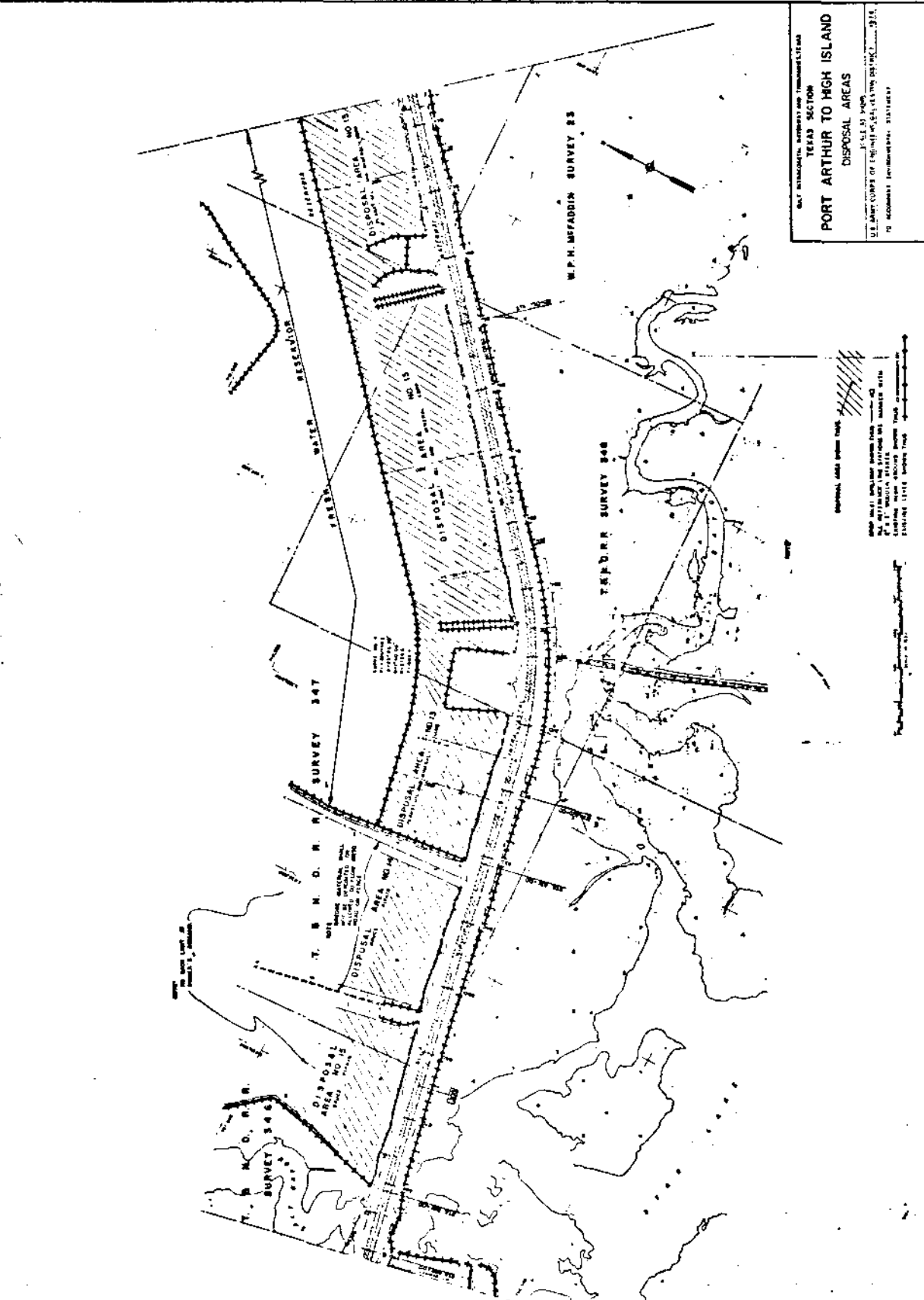
NEW INTERNATIONAL AGREEMENT AND IMPLEMENTATION  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND  
 DISPOSAL AREAS**  
 SCALE: AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, EASTERN DISTRICT  
 TO ACQUIRE ENVIRONMENTAL SYSTEMS

U.S. ARMY

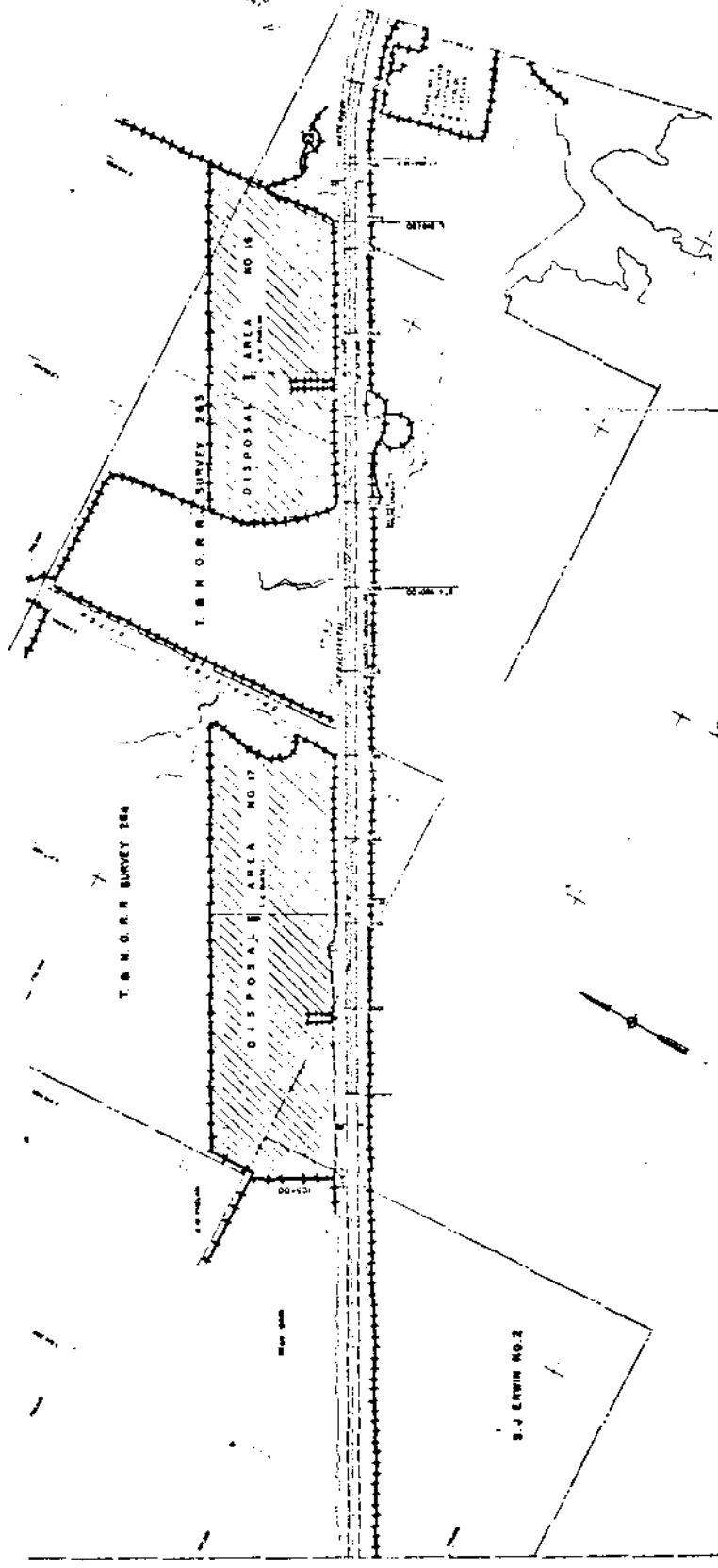


U.S. ARMY  
 TEXAS SECTION  
 PORT ARTHUR TO HIGH ISLAND  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS  
 WASHINGTON, D.C.

DISPOSAL AREAS  
 FRESH WATER RESERVOIR  
 ROAD  
 RAILROAD  
 POWER LINE  
 TELEPHONE LINE  
 CEMENT PAVEMENT  
 GRAVEL PAVEMENT  
 ASPHALT PAVEMENT  
 CONCRETE PAVEMENT  
 GRAVEL DRIVEWAY  
 ASPHALT DRIVEWAY  
 CONCRETE DRIVEWAY  
 GRAVEL DRIVEWAY  
 ASPHALT DRIVEWAY  
 CONCRETE DRIVEWAY

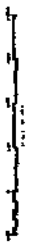


U. S. ARMY ENGINEERS  
TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND  
DISPOSAL AREAS**  
SCALE 1:50,000  
U. S. ARMY CORPS OF ENGINEERS, DISTRICT OFFICE, HOUSTON, TEXAS  
BY ACCUMULATED SURVEYS

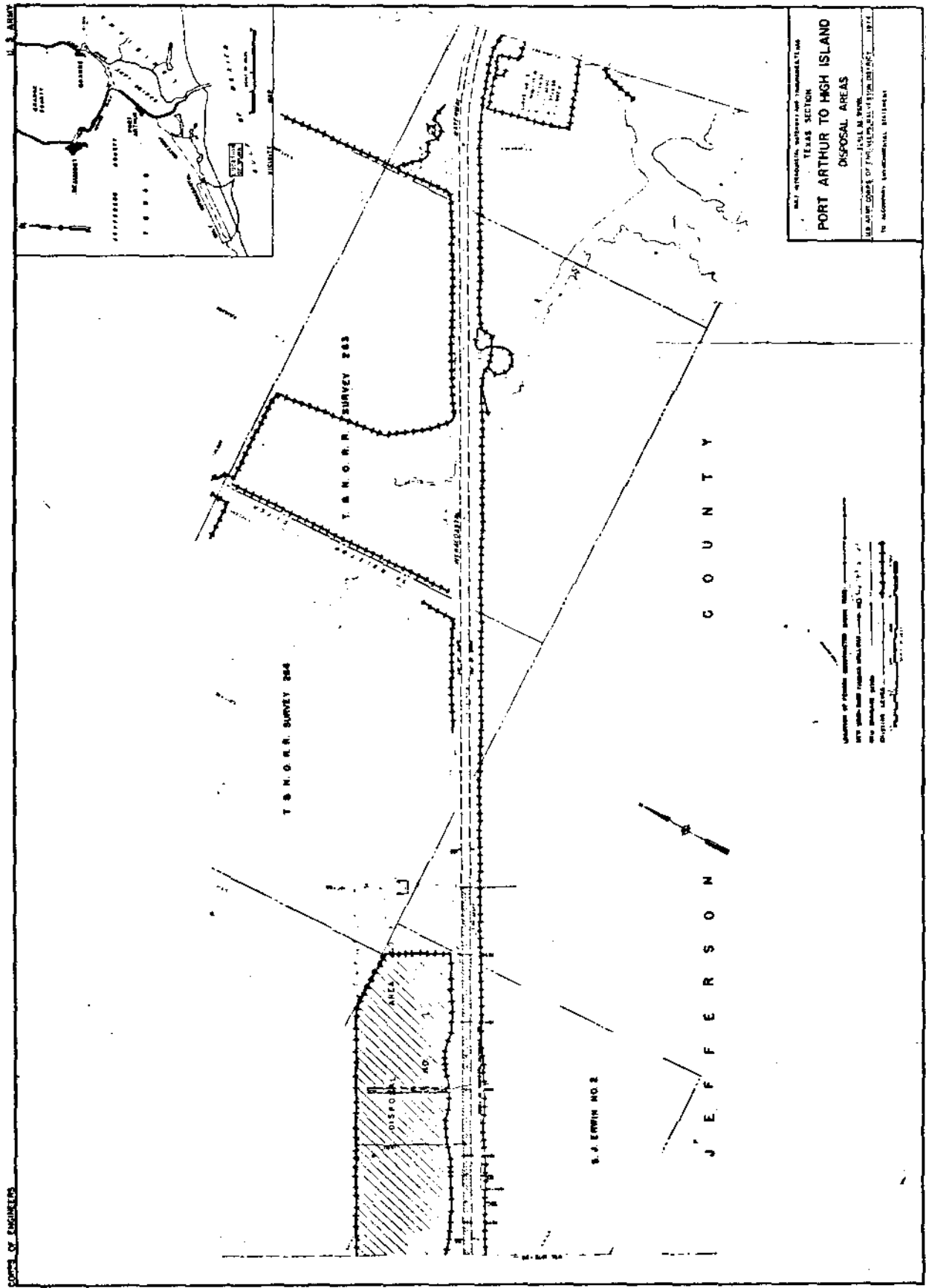


ONLY INFORMATION REPORT AND RECOMMENDATION  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND  
 DISPOSAL AREAS**  
 S. L. H. HARRIS  
 U.S. ARMY CORPS OF ENGINEERS, DISTRICT OFFICE  
 AN INDEPENDENT ENVIRONMENTAL STATEMENT

Hatched areas shown on this map  
 are subject to change without notice and  
 are not to be used for any purpose other than  
 that for which they were prepared.







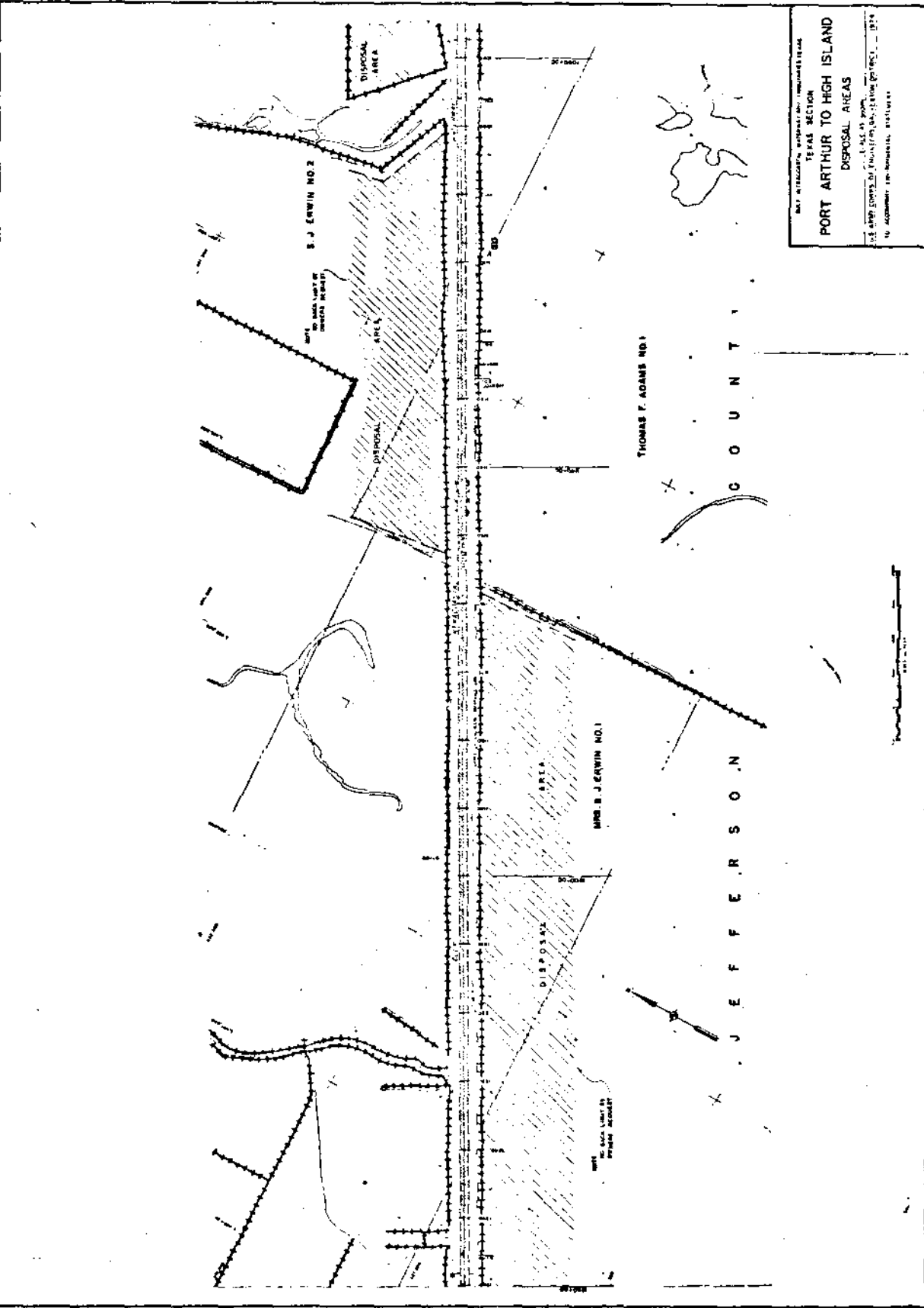
COURT OF ENGINEERS

U. S. ARMY

1. 100% RECONSTRUCTION, IMPROVEMENT AND MAINTENANCE OF  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND  
 DISPOSAL AREAS**  
 JACKSONVILLE, TEXAS  
 U.S. ARMY CORPS OF ENGINEERS  
 DISTRICT OFFICE  
 JACKSONVILLE, TEXAS

LOCATION OF PORT ARTHUR TO HIGH ISLAND DISPOSAL AREAS  
 AS SHOWN ON THIS PLAN AND THE LOCATION OF THE  
 PORT ARTHUR TO HIGH ISLAND DISPOSAL AREAS  
 AS SHOWN ON THE ORIGINAL PLAN  
 DISTRICT OFFICE  
 JACKSONVILLE, TEXAS

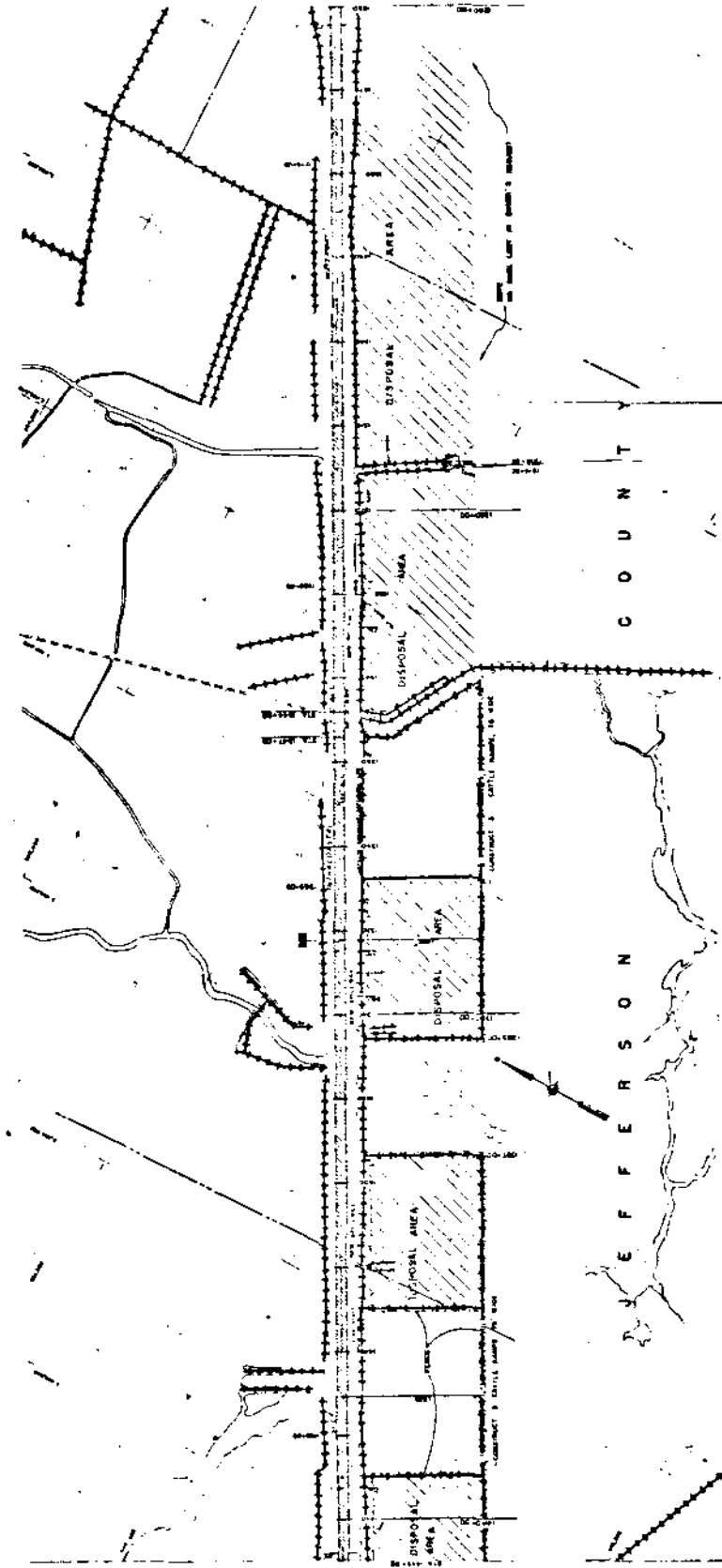
PLATE 10



PORT ARTHUR TO HIGH ISLAND  
 DISPOSAL AREAS  
 TEXAS SECTION  
 SCALE AS SHOWN  
 TO ACCORDANCE WITH THE PROVISIONS OF THE ACT OF MARCH 3, 1909, CHAP. 10, TITLE 16, U.S.C.

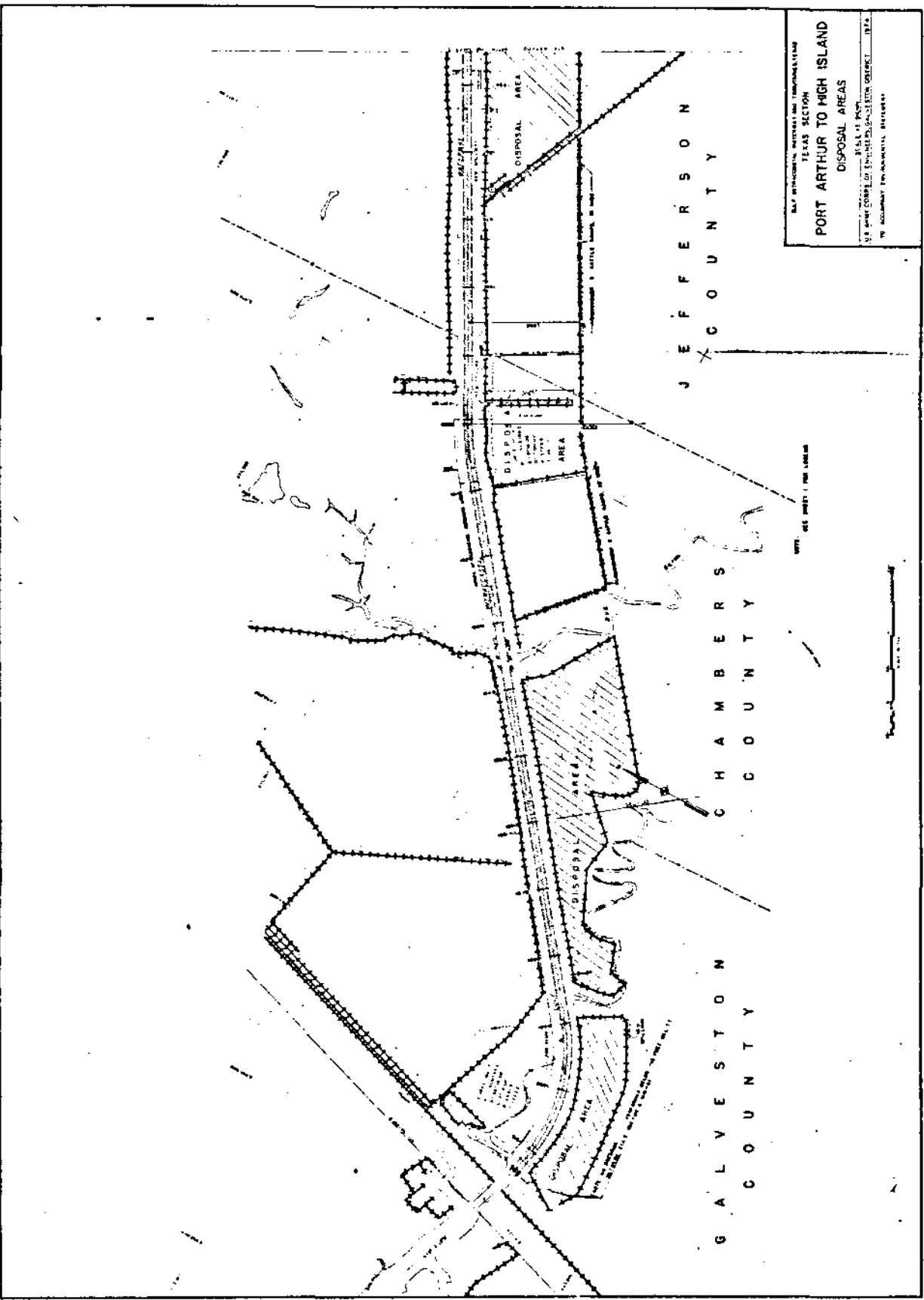
U. S. ARMY

OFFICE OF ENGINEERS

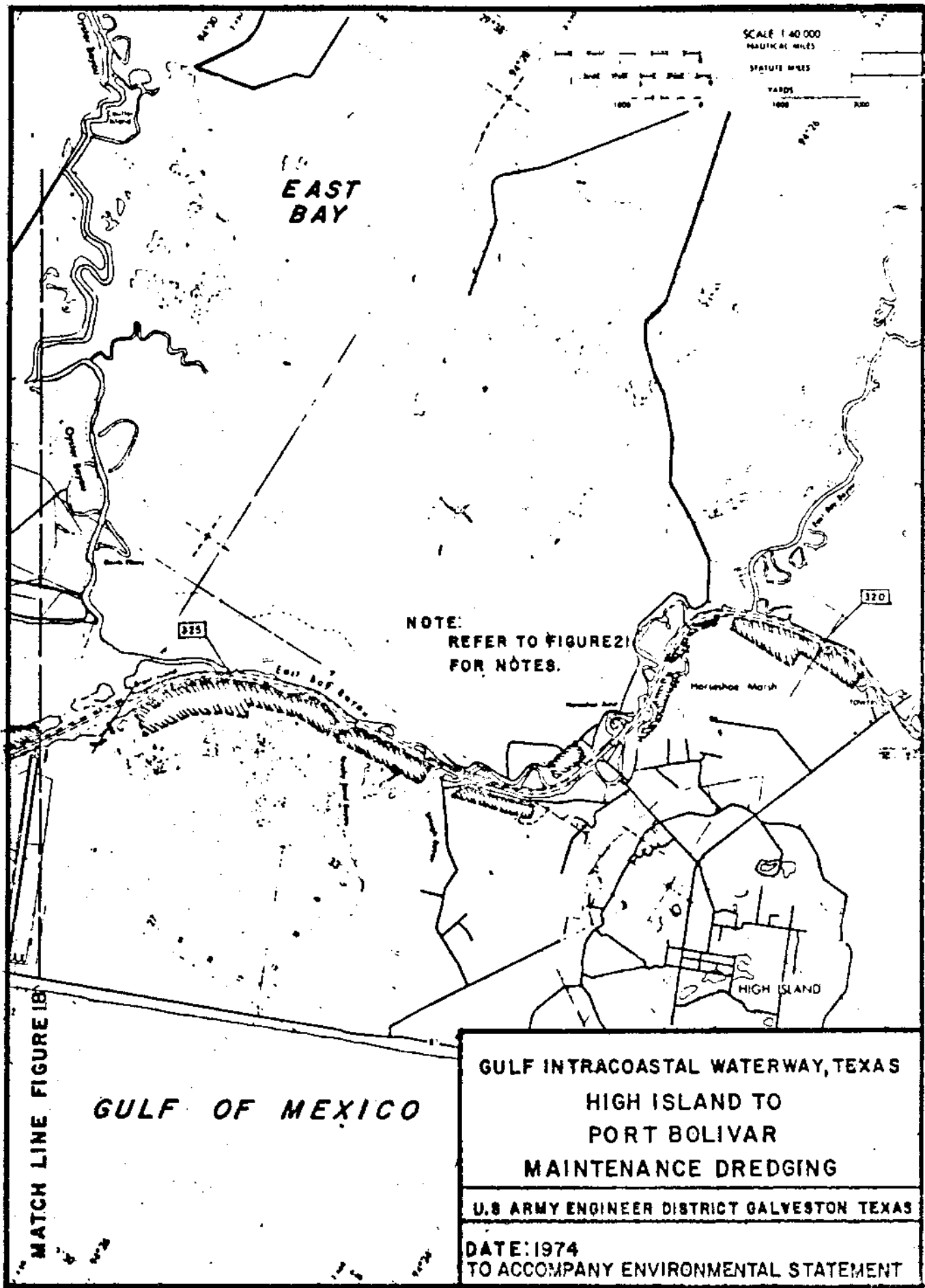


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 1800 5/19/64

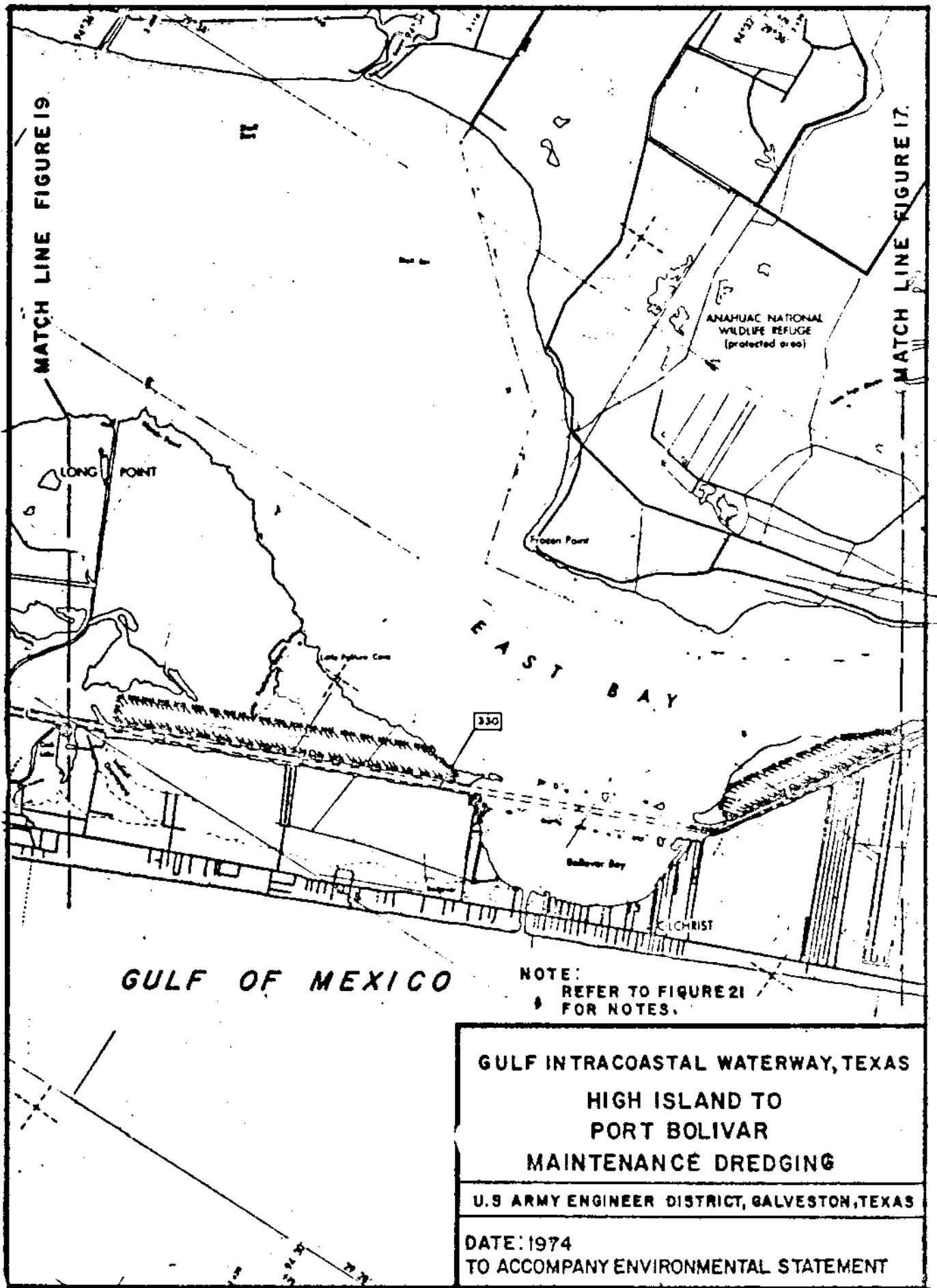
FIGURE 2



ONLY WITHDRAWN, INTEREST AND TRANSMITTAL  
 TEXAS SECTION  
**PORT ARTHUR TO HIGH ISLAND**  
 DISPOSAL AREAS  
 SCALE: 1" = 100'  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, TEXAS  
 BY: [Signature]



**FIGURE 17**

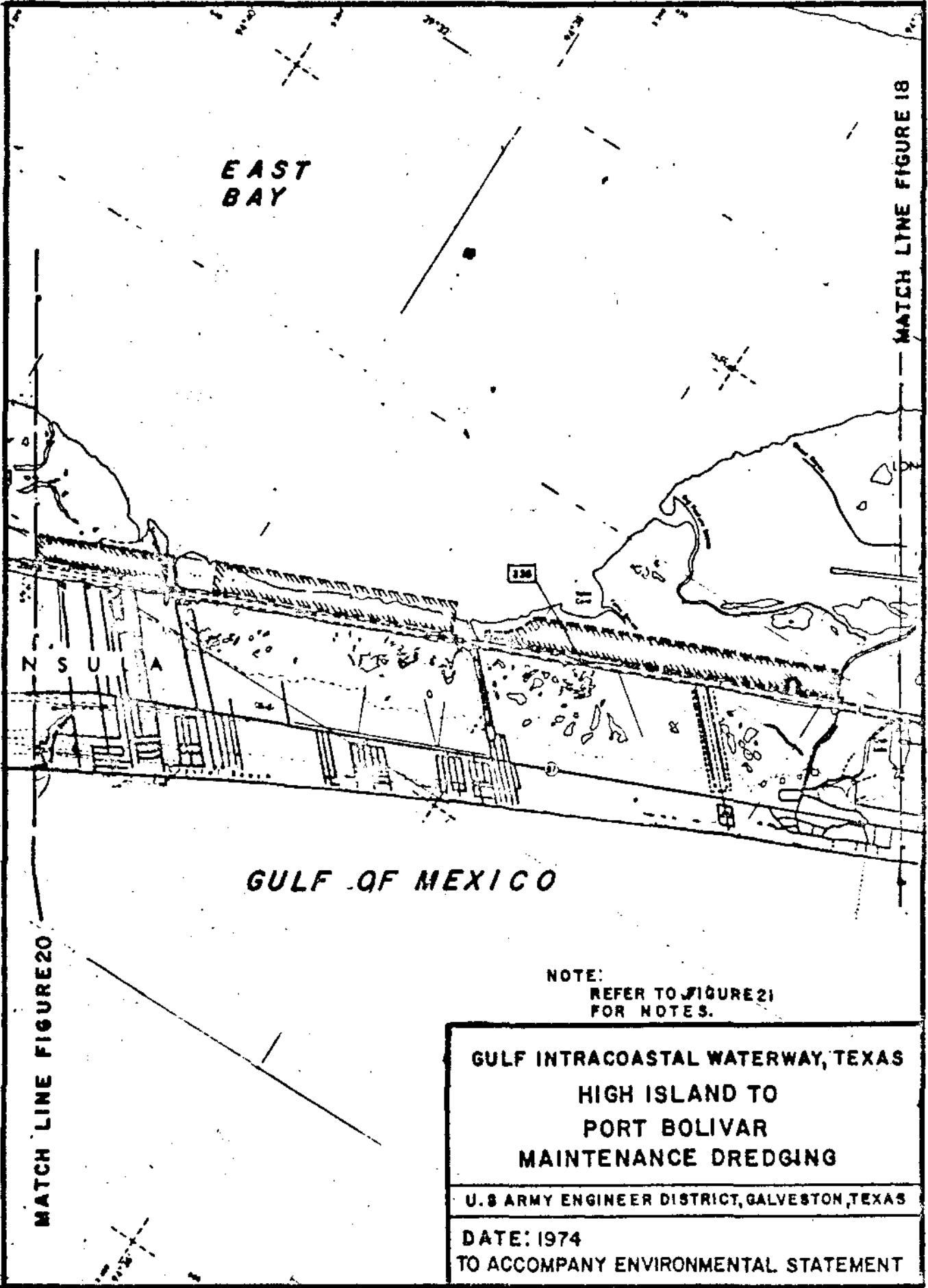


GULF INTRACOASTAL WATERWAY, TEXAS  
 HIGH ISLAND TO  
 PORT BOLIVAR  
 MAINTENANCE DREDGING

U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS

DATE: 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

FIGURE 18



**EAST  
BAY**

**MATCH LINE FIGURE 18**

**MATCH LINE FIGURE 20**

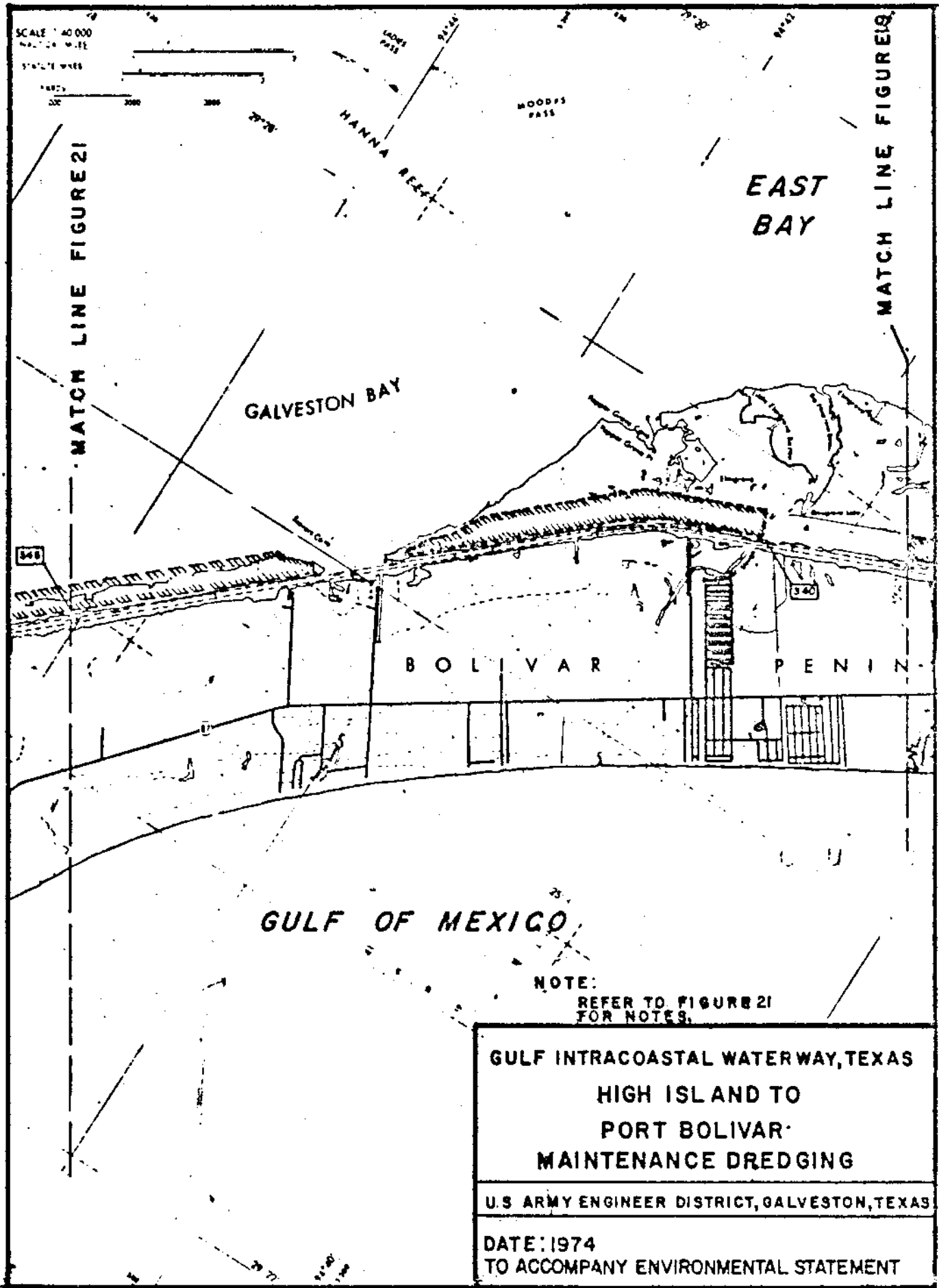
**GULF OF MEXICO**

**Z S U A**

**NOTE:  
REFER TO FIGURE 21  
FOR NOTES.**

<b>GULF INTRACOASTAL WATERWAY, TEXAS HIGH ISLAND TO PORT BOLIVAR MAINTENANCE DREDGING</b>
<b>U. S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS</b>
<b>DATE: 1974 TO ACCOMPANY ENVIRONMENTAL STATEMENT</b>

**FIGURE 19**



SCALE 1:40,000  
 NAD 24 W.T.E.  
 STATE WGS 84

MATCH LINE FIGURE 21

MATCH LINE FIGURE 19

EAST BAY

GALVESTON BAY

BOLIVAR PENIN.

GULF OF MEXICO

NOTE:  
 REFER TO FIGURE 21  
 FOR NOTES.

<p>GULF INTRACOASTAL WATERWAY, TEXAS          HIGH ISLAND TO          PORT BOLIVAR          MAINTENANCE DREDGING</p>
<p>U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS</p>
<p>DATE: 1974          TO ACCOMPANY ENVIRONMENTAL STATEMENT</p>

FIGURE 20



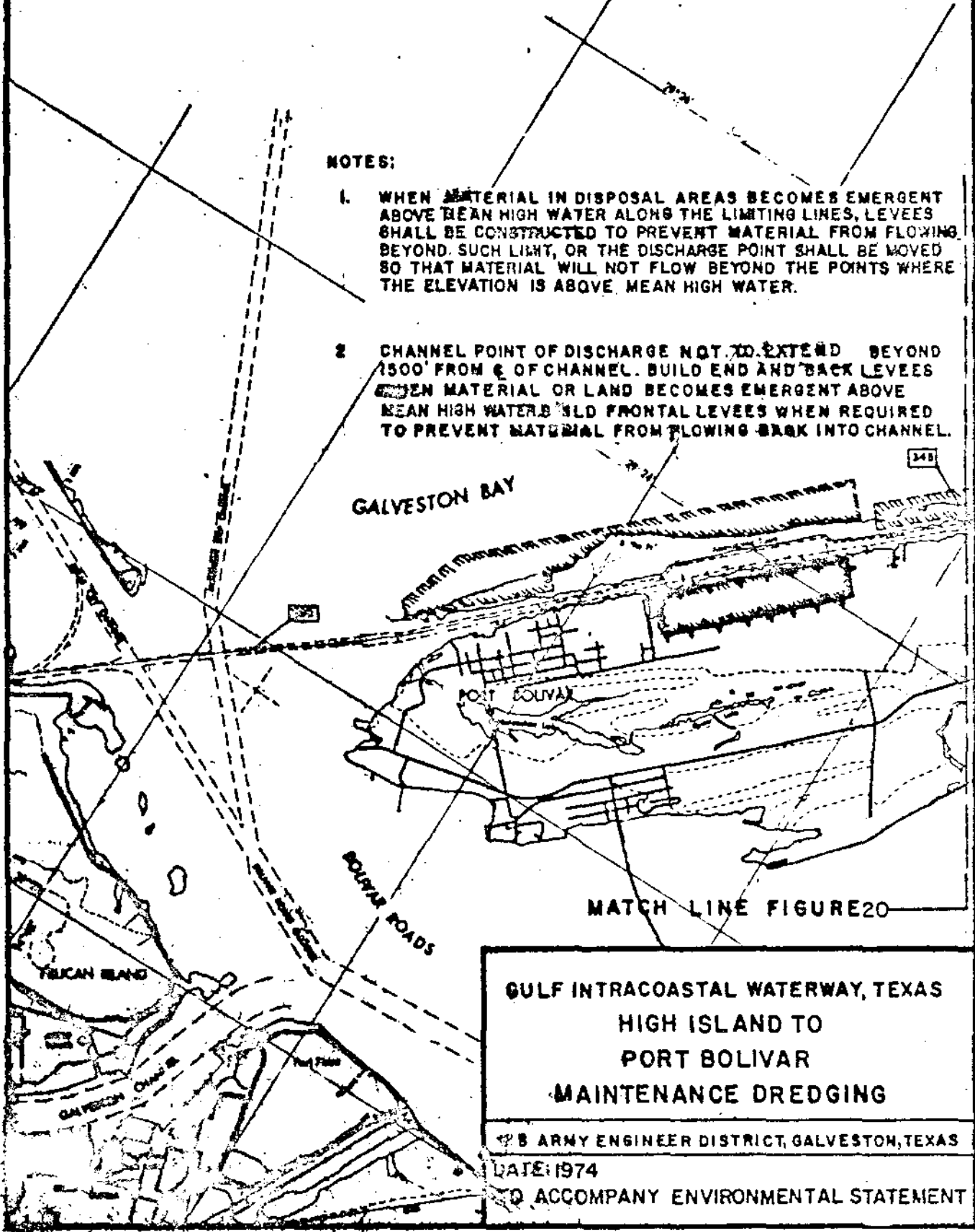


**LEGEND**

LEVEE

**NOTES:**

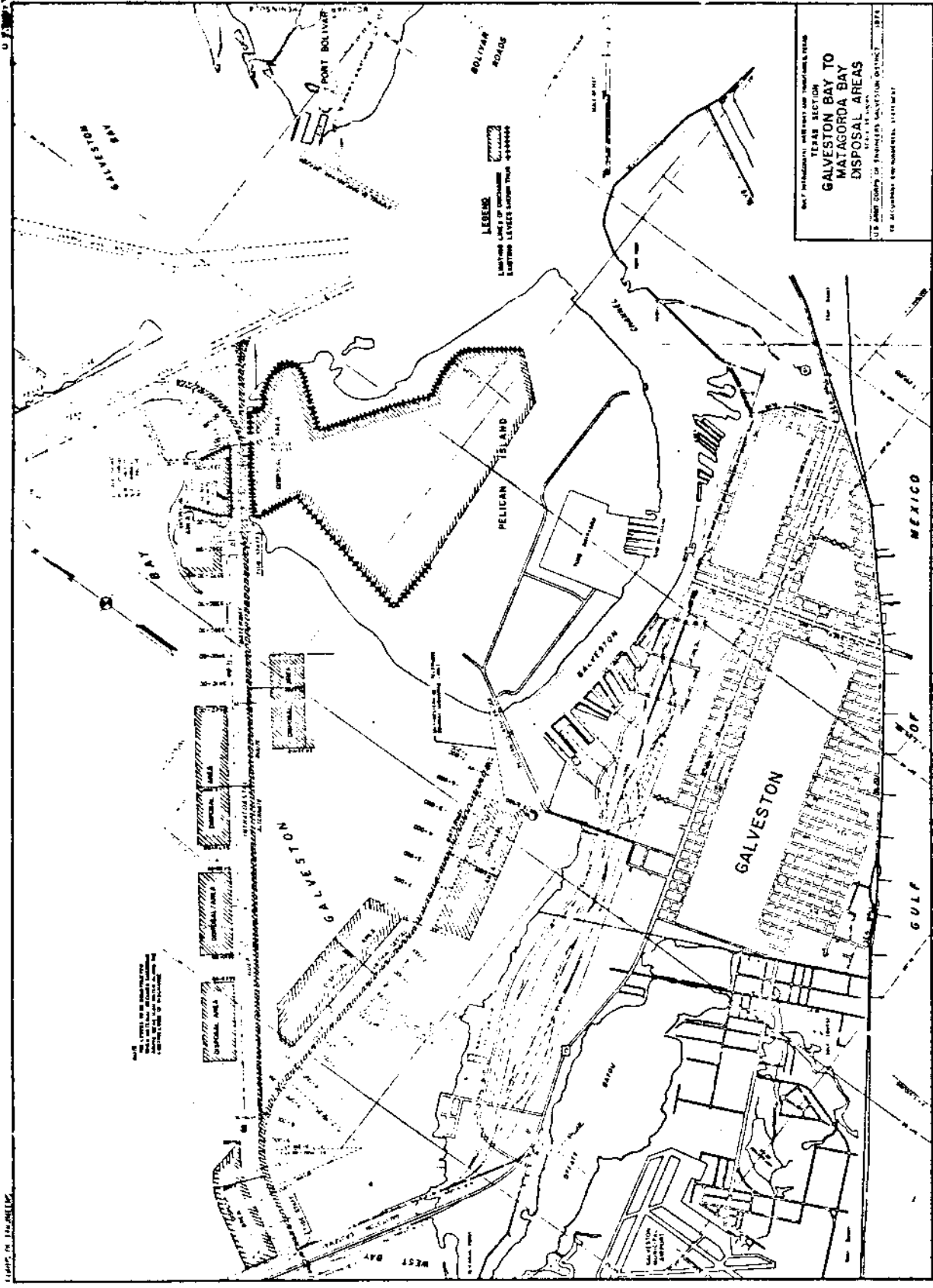
1. WHEN MATERIAL IN DISPOSAL AREAS BECOMES EMERGENT ABOVE MEAN HIGH WATER ALONG THE LIMITING LINES, LEVEES SHALL BE CONSTRUCTED TO PREVENT MATERIAL FROM FLOWING BEYOND. SUCH LIMIT, OR THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE POINTS WHERE THE ELEVATION IS ABOVE MEAN HIGH WATER.
2. CHANNEL POINT OF DISCHARGE NOT TO EXTEND BEYOND 1500' FROM E OF CHANNEL. BUILD END AND BACK LEVEES WHEN MATERIAL OR LAND BECOMES EMERGENT ABOVE MEAN HIGH WATER. BUILD FRONTAL LEVEES WHEN REQUIRED TO PREVENT MATERIAL FROM FLOWING BACK INTO CHANNEL.



**GULF INTRACOASTAL WATERWAY, TEXAS  
HIGH ISLAND TO  
PORT BOLIVAR  
MAINTENANCE DREDGING**

U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS  
DATE: 1974  
TO ACCOMPANY ENVIRONMENTAL STATEMENT

**FIGURE 21**

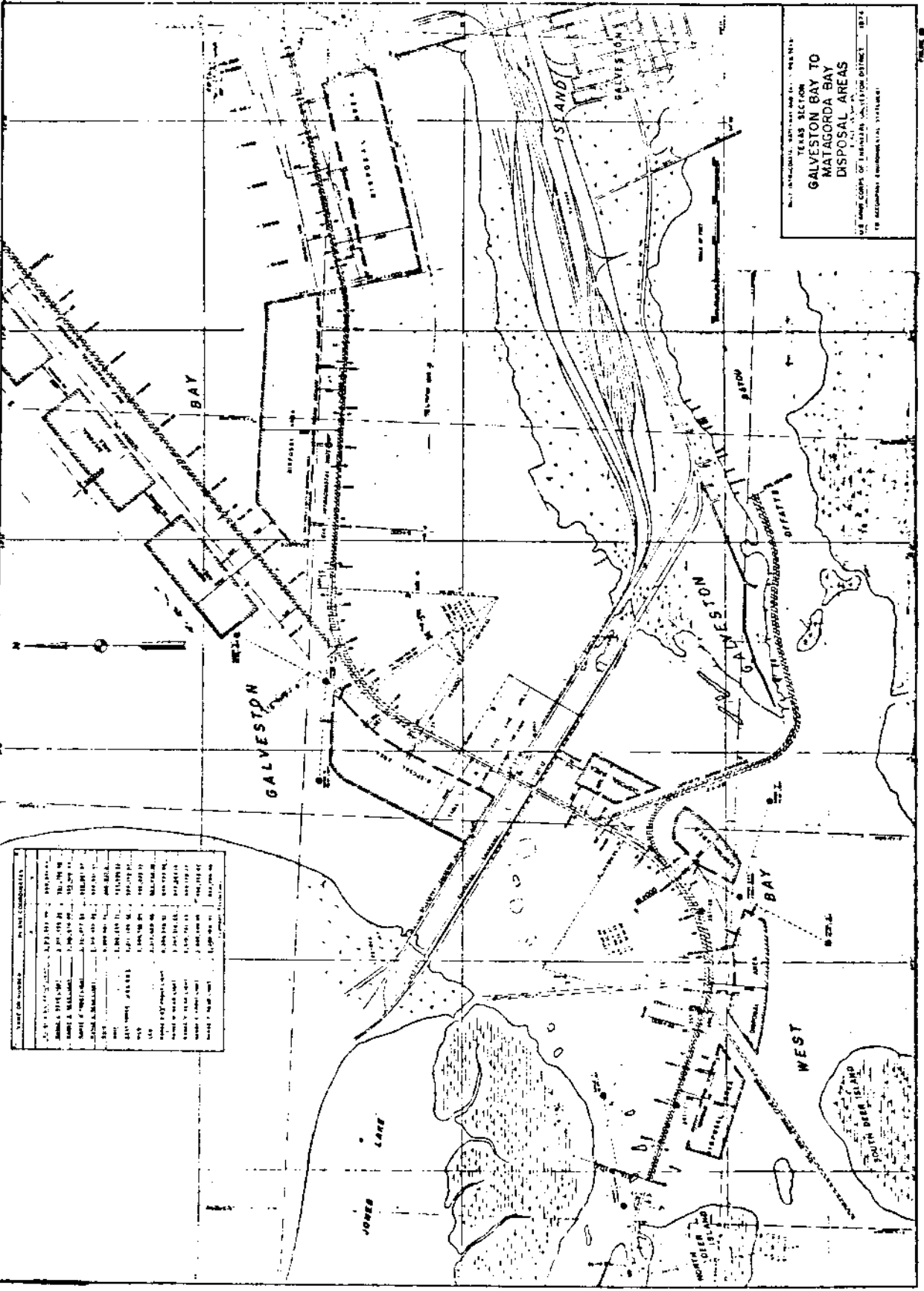


ONLY HAZARDOUS WASTE AND SOLID WASTE  
 TEXAS SECTION  
**GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS**  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, 1974  
 100-100000-100000-100000-100000

**LEGEND**  
 LIMITING LINES OF CONTAMINATION  
 HAZARDOUS WASTE DISPOSAL AREAS

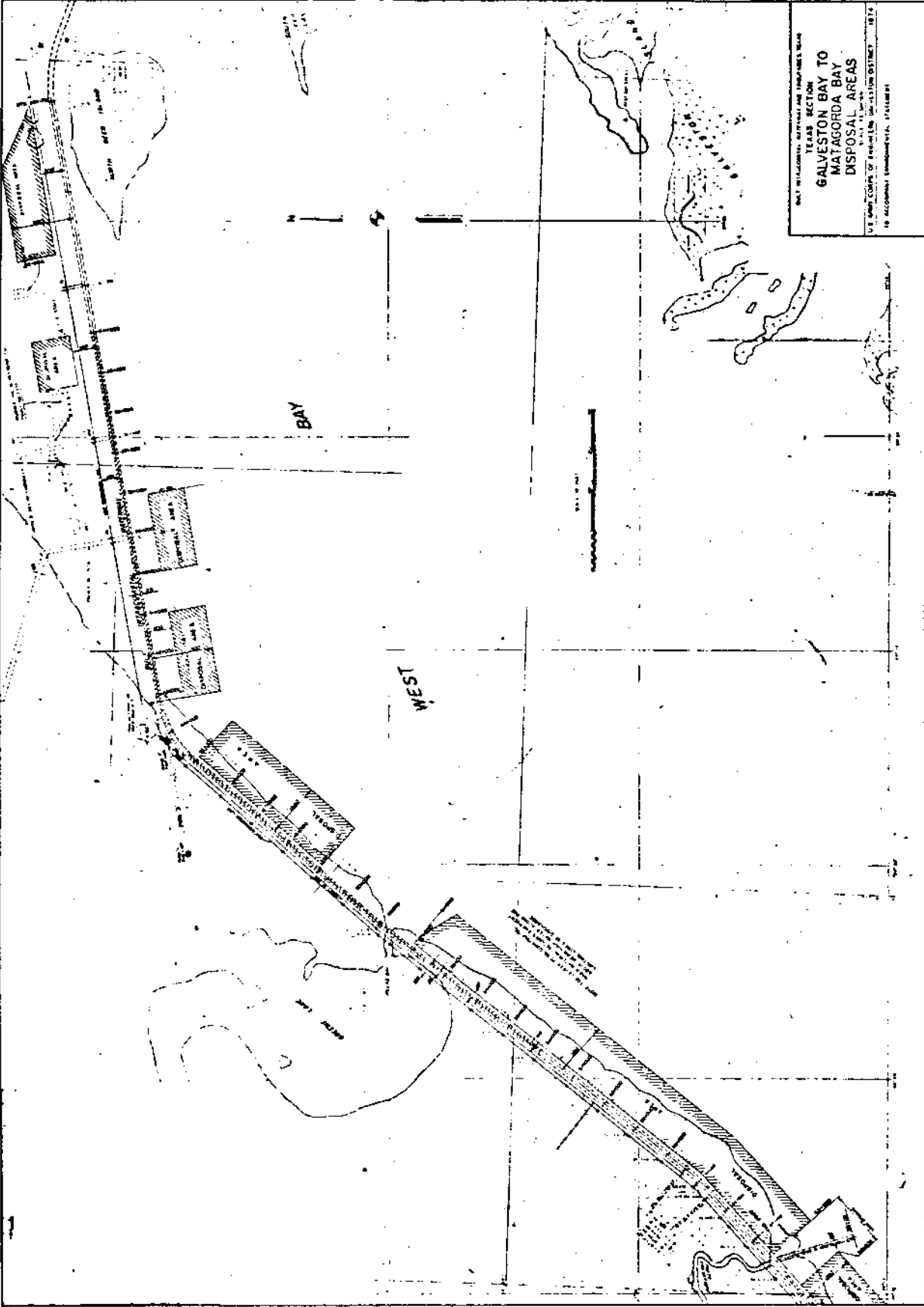
ALL LINES ON THIS MAP  
 ARE BASED ON THE  
 1960 U.S. COAST AND  
 GEODETIC SURVEY  
 DATA

SCALE: 1" = 1 MILE

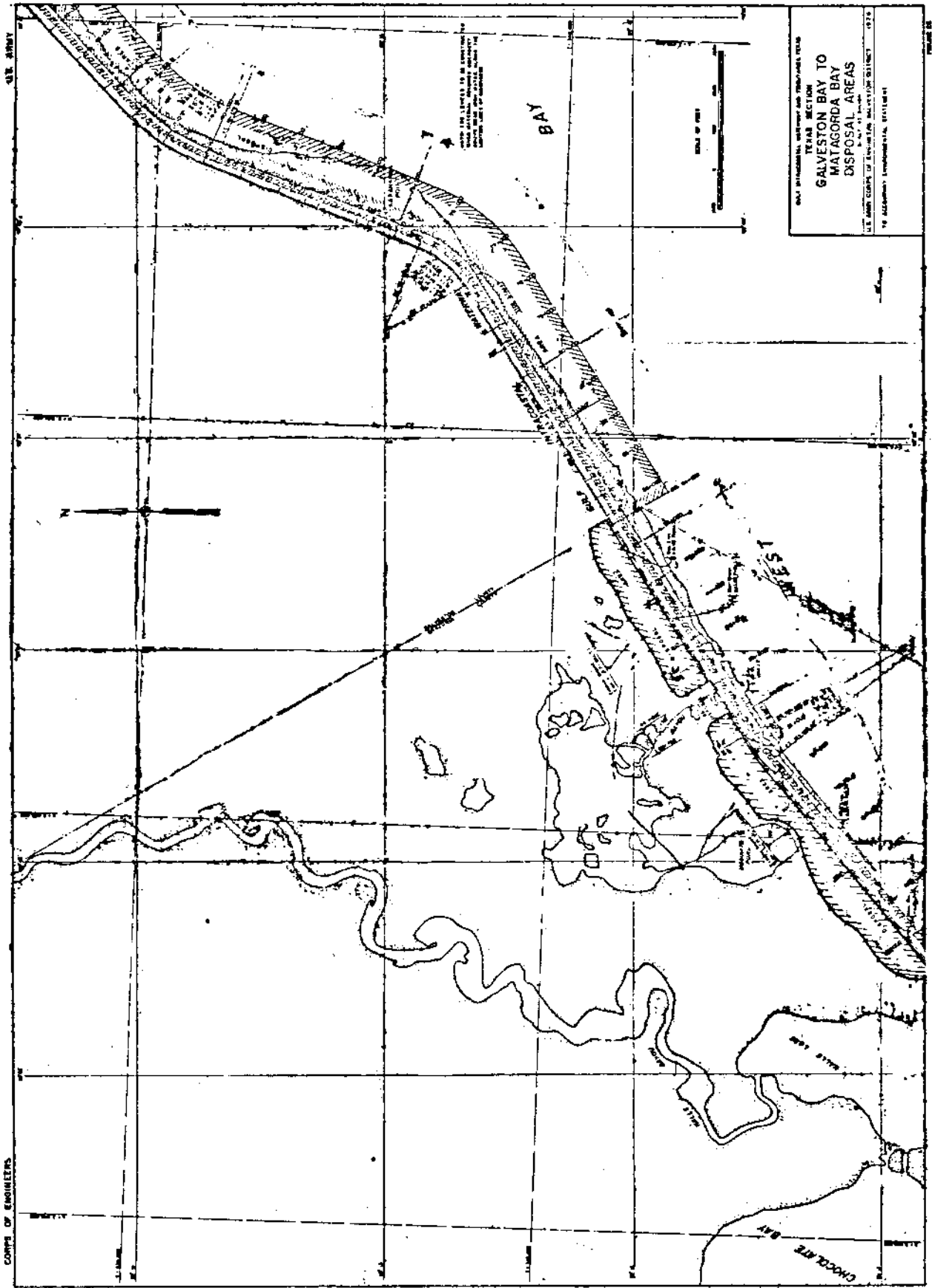


SYMBOL	DESCRIPTION	DATE
(Symbol)	DISPOSAL AREA	1954
(Symbol)	DISPOSAL AREA	1955
(Symbol)	DISPOSAL AREA	1956
(Symbol)	DISPOSAL AREA	1957
(Symbol)	DISPOSAL AREA	1958
(Symbol)	DISPOSAL AREA	1959
(Symbol)	DISPOSAL AREA	1960
(Symbol)	DISPOSAL AREA	1961
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(Symbol)	DISPOSAL AREA	1965
(Symbol)	DISPOSAL AREA	1966
(Symbol)	DISPOSAL AREA	1967
(Symbol)	DISPOSAL AREA	1968
(Symbol)	DISPOSAL AREA	1969
(Symbol)	DISPOSAL AREA	1970
(Symbol)	DISPOSAL AREA	1971
(Symbol)	DISPOSAL AREA	1972
(Symbol)	DISPOSAL AREA	1973
(Symbol)	DISPOSAL AREA	1974
(Symbol)	DISPOSAL AREA	1975
(Symbol)	DISPOSAL AREA	1976
(Symbol)	DISPOSAL AREA	1977
(Symbol)	DISPOSAL AREA	1978
(Symbol)	DISPOSAL AREA	1979
(Symbol)	DISPOSAL AREA	1980

GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, MATAGORDA DISTRICT  
 FOR ACCURACY: PHOTOGRAPHIC SURVEY



GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U. S. ARMY CORPS OF ENGINEERS  
 TO ACCOMPANY COMPREHENSIVE STATEMENT



CORPS OF ENGINEERS

U.S. ARMY

SCALE OF FEET  
0 100 200 300 400 500 600 700 800 900 1000

SCALE OF FEET  
0 100 200 300 400 500 600 700 800 900 1000

U.S. ARMY CORPS OF ENGINEERS, DISTRICT OFFICE  
1932

TEXAS SECTION  
GALVESTON BAY TO  
MATAGORDA BAY  
DISPOSAL AREAS

BAY

SEASIDE

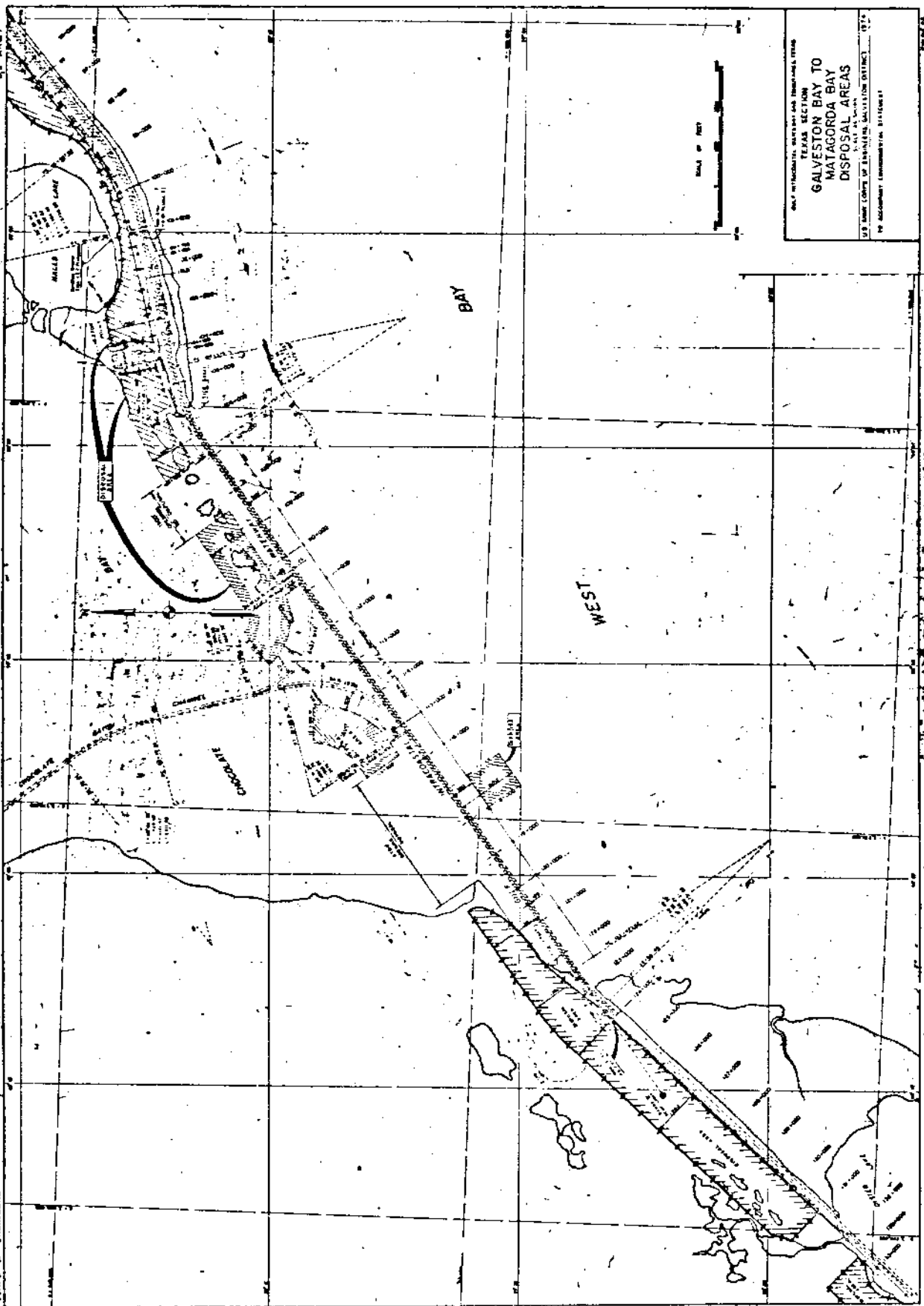
SEASIDE

CHOCOLATE BAY

NOTE: THE LINES TO BE CONSIDERED AS DISPOSAL AREAS ARE SHOWN WITH HATCHES.

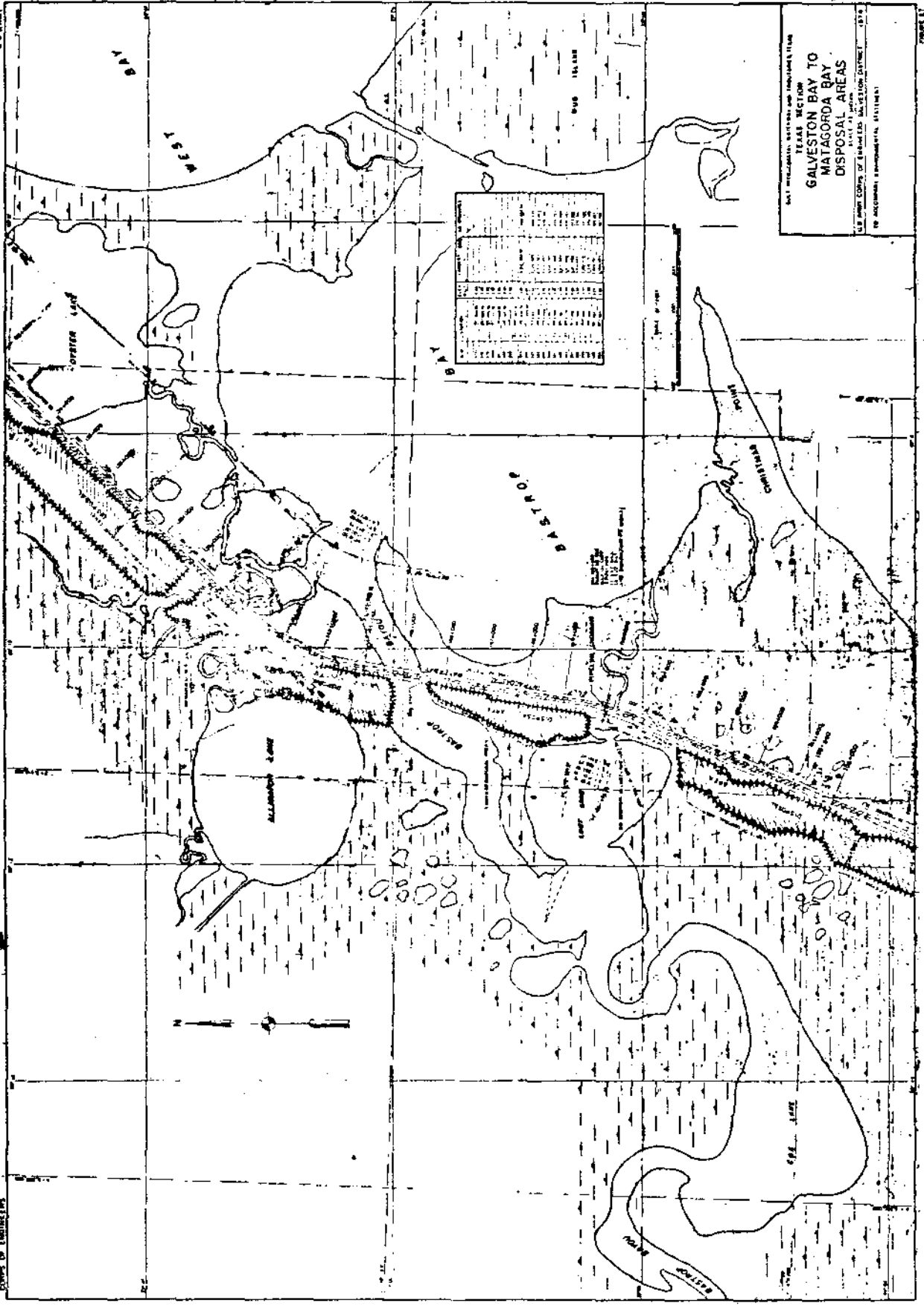
US ARMY

CORPS OF ENGINEERS

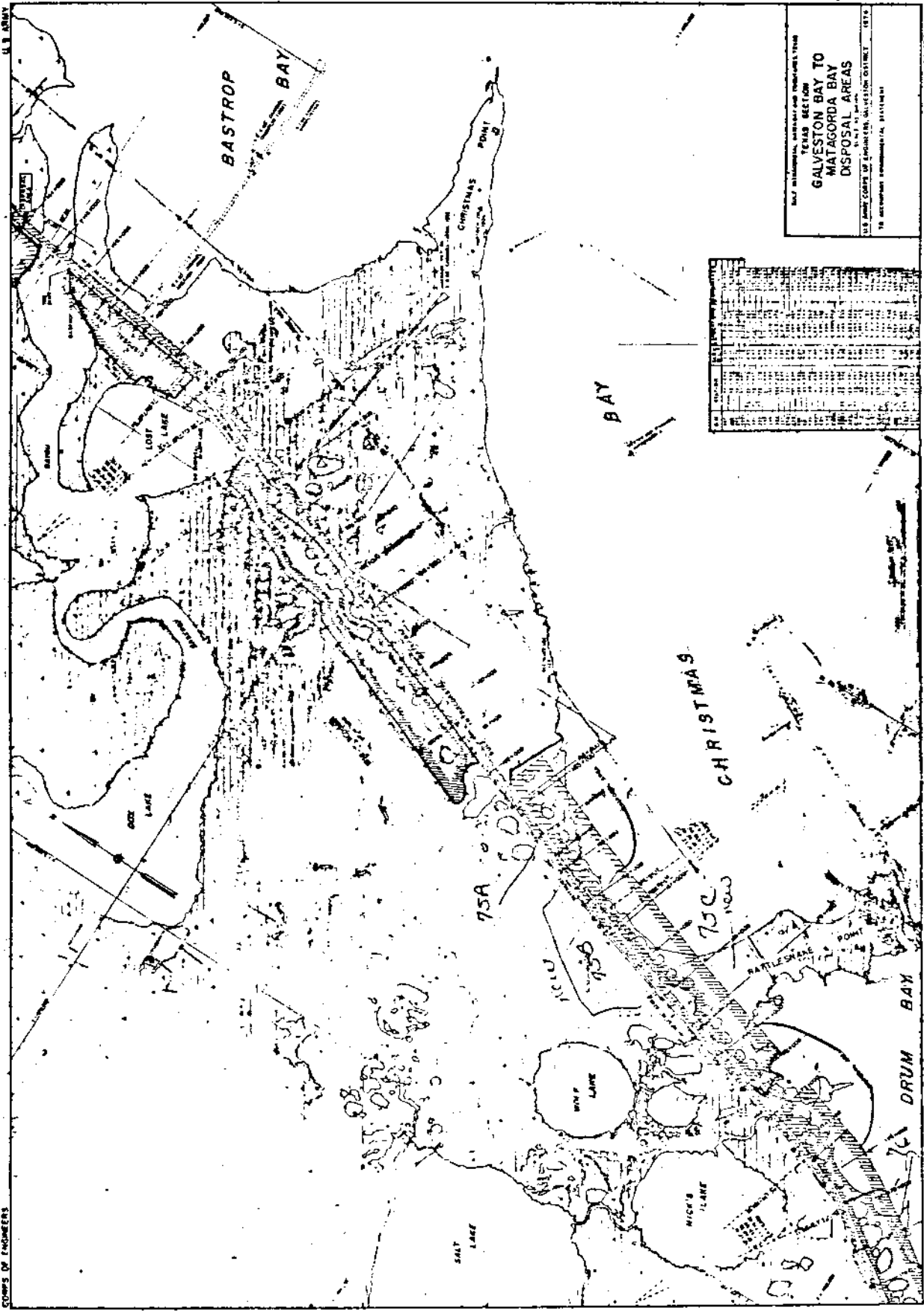


ONLY AUTHENTIC WATER AND TERRAIN ITEMS  
 TEXAS SECTION  
**GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS**  
 U.S. ARMY  
 U.S. MAPS CORPS OF ENGINEERS (DISTRICT) 0774  
 BY ACCORDANCE (UNCLASSIFIED) 01/19/81

FIGURE 25



1:50,000  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U.S. ARMY ENGINEERS  
 MATAGORDA DISTRICT, GALVESTON, TEXAS



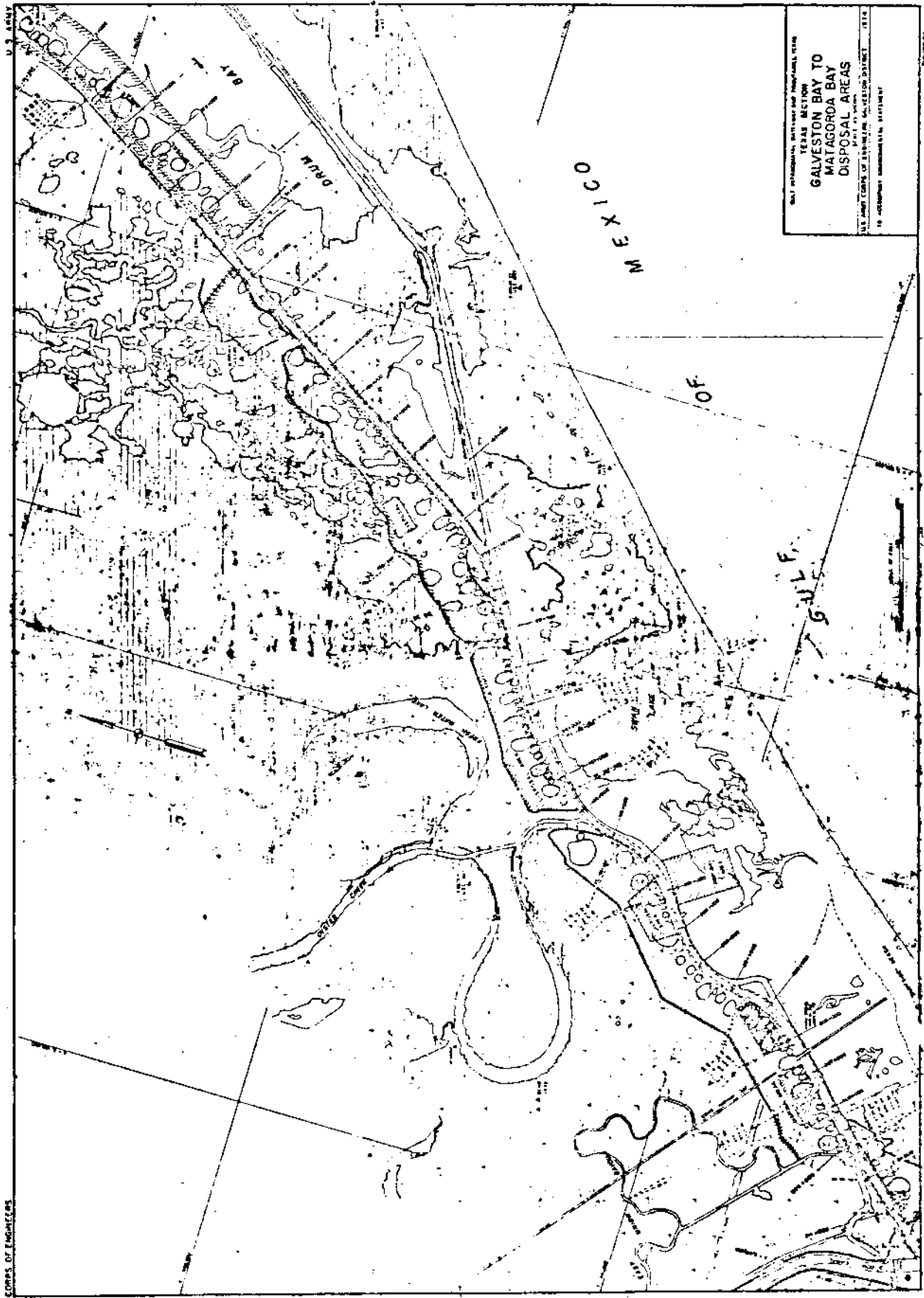
U.S. ARMY  
 TEXAS SECTION  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, TEXAS  
 10 OCTOBER 1964 (REVISED)

NO.	DESCRIPTION	DATE	BY
1	ISSUED	10 OCT 64	...
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4	...	...	...
5	...	...	...
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7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...

COMPS OF ENGINEERS

FIGURE 10



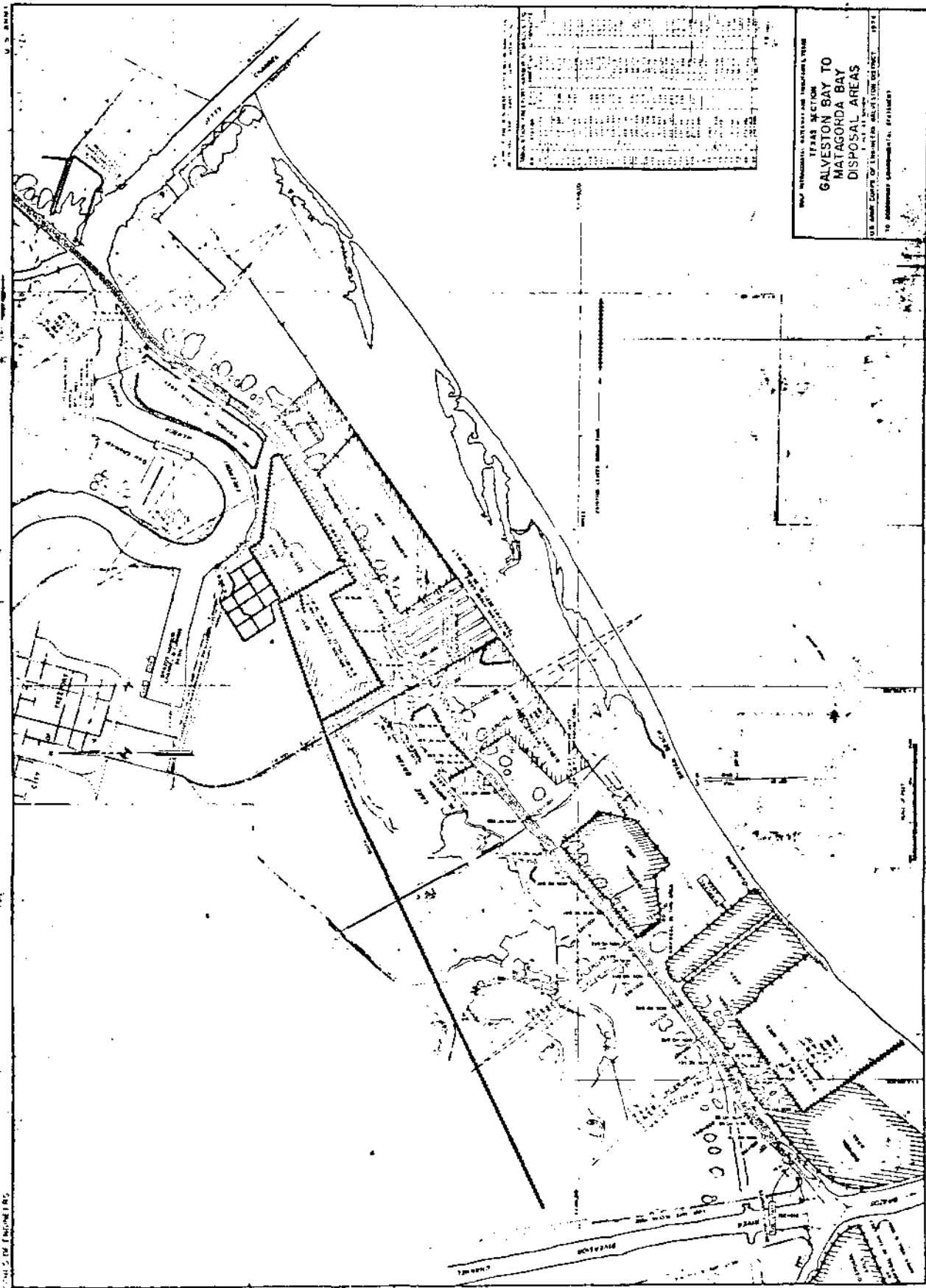


U. S. ARMY

CORPS OF ENGINEERS

GALT INVESTIGATION, SURVEY AND PHOTOGRAPHY, 1954  
 TEXAS SECTION  
**GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS**  
 PART 1, SHEET  
 U. S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT - 1514  
 BY ACCOMPANYING INSTRUMENTATION STATEMENT

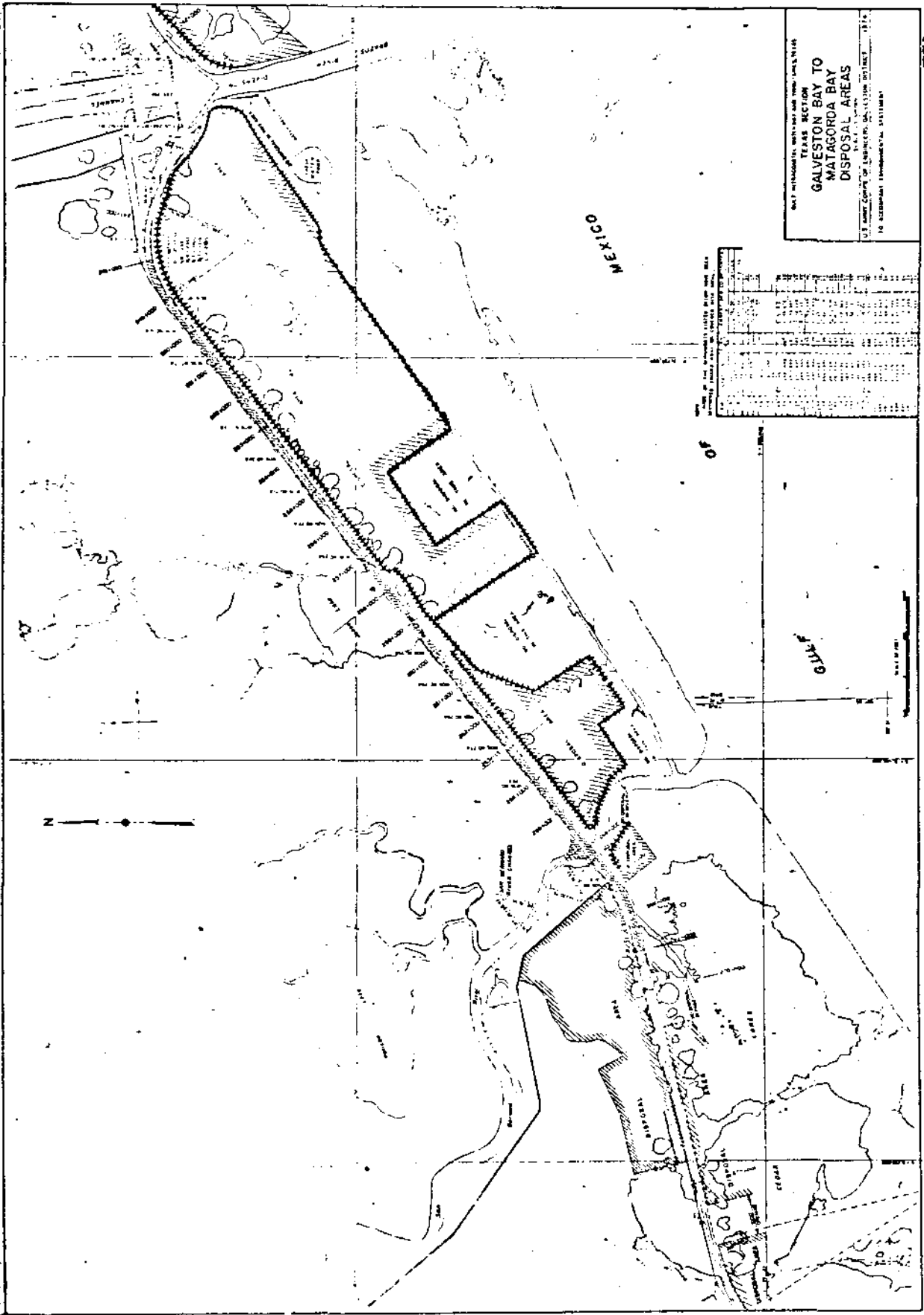
NUMBER 15



SYMBOL	DESCRIPTION
(Symbol)	DISPOSAL CELL
(Symbol)	ROAD
(Symbol)	RAILROAD
(Symbol)	WATERWAY
(Symbol)	...

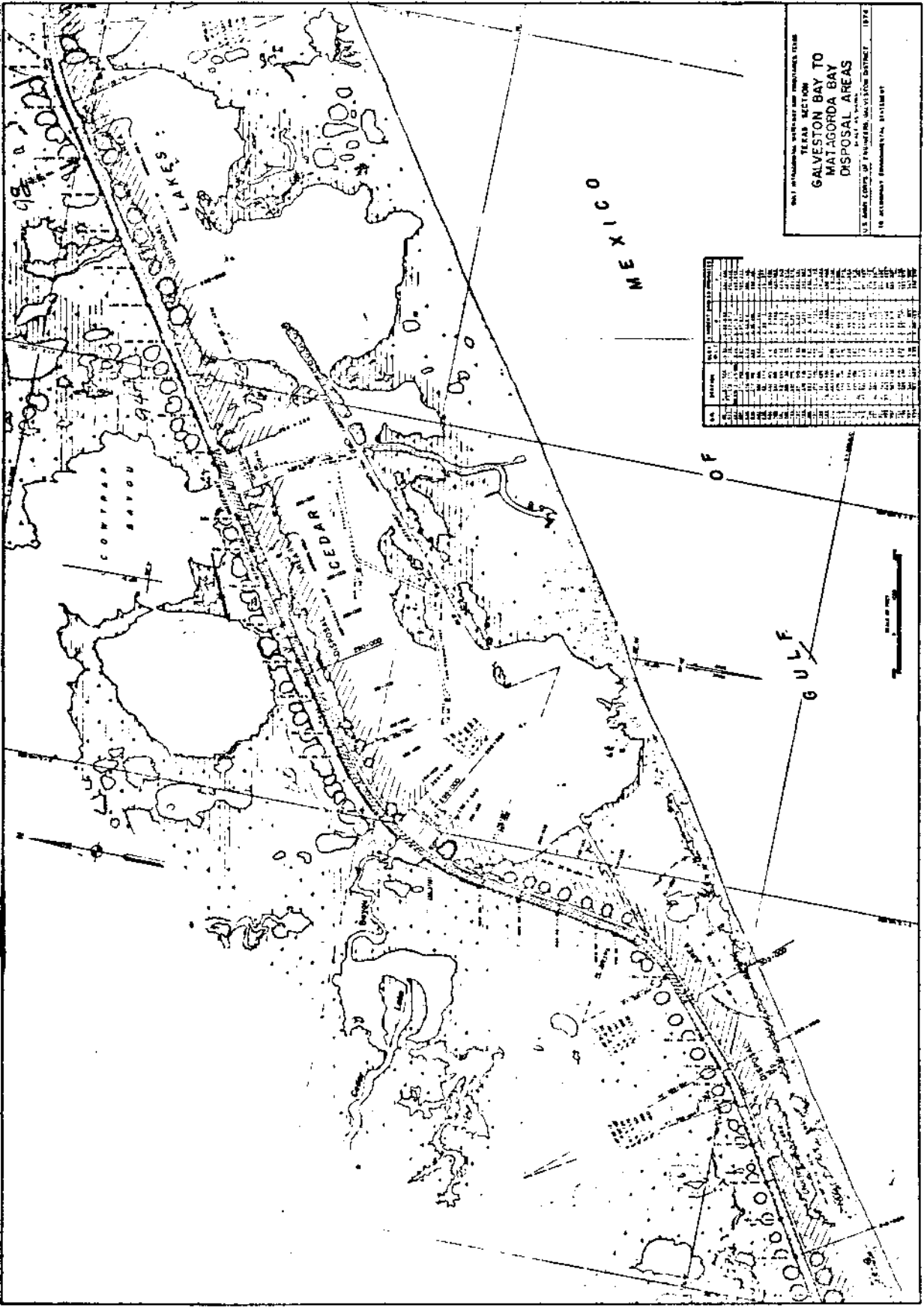
TEXAS SECTION  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT  
 1954

CHIEF OF ENGINEERS



U.S. ARMY

CORPS OF ENGINEERS



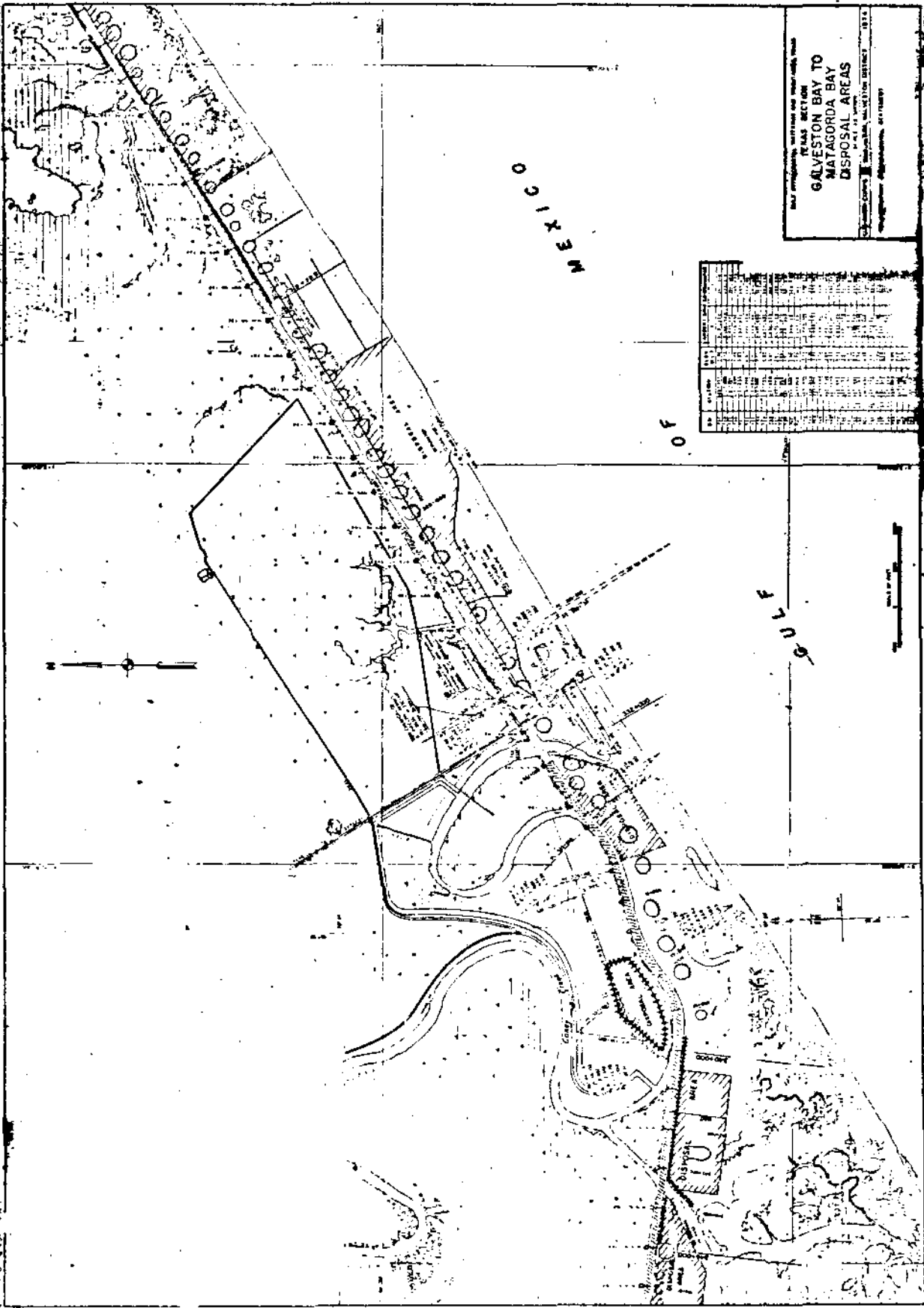
NO.	SECTION	DATE	BY	REVISION
1	1	10/1/54	...	...
2	1	10/1/54	...	...
3	1	10/1/54	...	...
4	1	10/1/54	...	...
5	1	10/1/54	...	...
6	1	10/1/54	...	...
7	1	10/1/54	...	...
8	1	10/1/54	...	...
9	1	10/1/54	...	...
10	1	10/1/54	...	...
11	1	10/1/54	...	...
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13	1	10/1/54	...	...
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15	1	10/1/54	...	...
16	1	10/1/54	...	...
17	1	10/1/54	...	...
18	1	10/1/54	...	...
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32	1	10/1/54	...	...
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45	1	10/1/54	...	...
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47	1	10/1/54	...	...
48	1	10/1/54	...	...
49	1	10/1/54	...	...
50	1	10/1/54	...	...

UNIT INFORMATION SHEET FOR TRANSMITTAL FILE  
 TEXAS SECTION  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 DRAWN BY: [Name]  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, TEXAS  
 FOR ACCOMPANYING ENVIRONMENTAL STATEMENT

FIGURE 28

U.S. ARMY

ENGINEERING DISTRICT



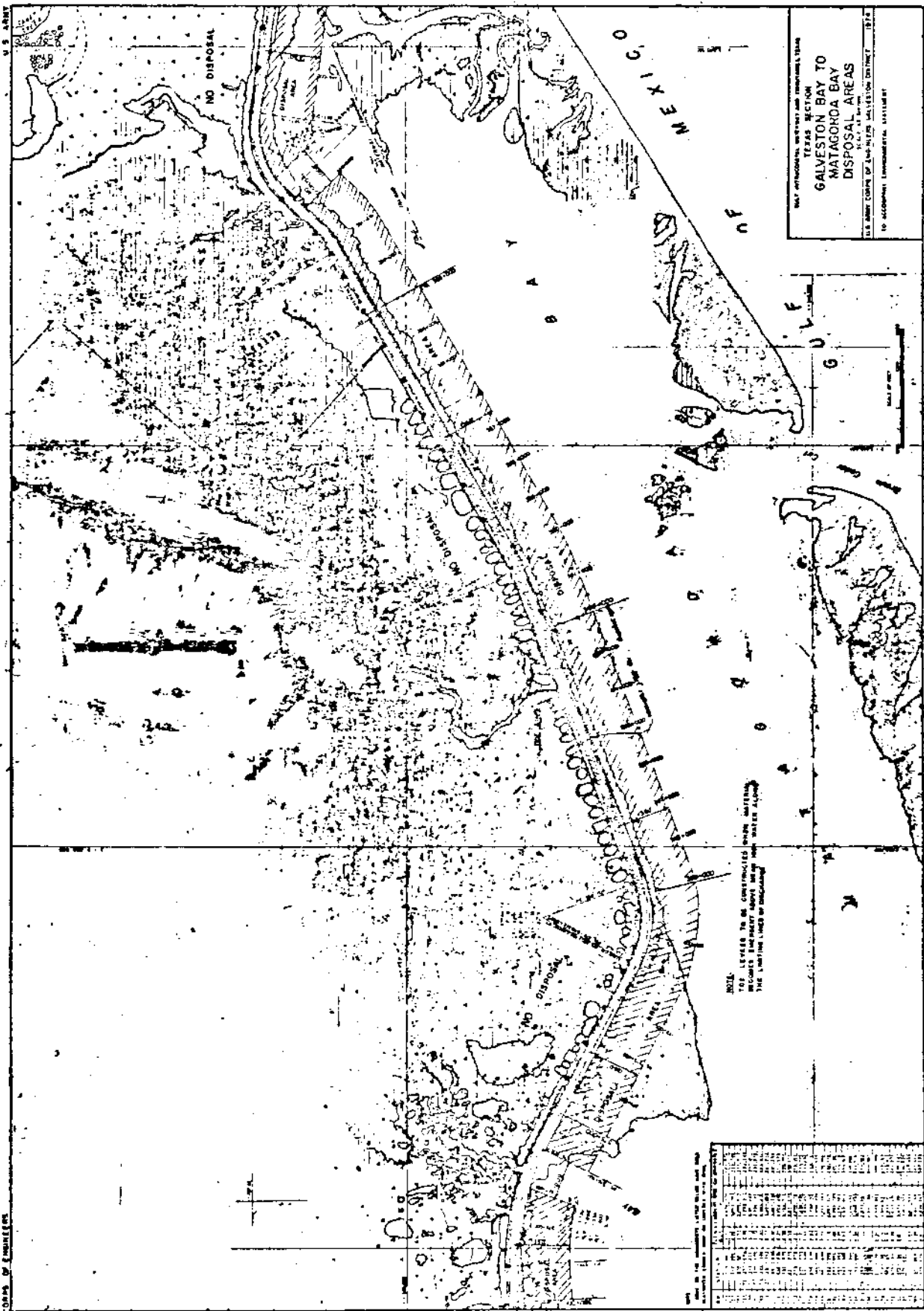
PLAN SECTION  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 ENGINEERING DISTRICT

NO.	DESCRIPTION	DATE	BY
1	...	...	...
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50	...	...	...



1/4" = 100'





MAY APPROXIMATE, UNCONTROLLED AND TEMPORAL YEARS  
**TEXAS SECTION**  
**GALVESTON BAY TO**  
**MATAGORDA BAY**  
**DISPOSAL AREAS**  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 TO ACCOMPANY: ENVIRONMENTAL EVALUATION

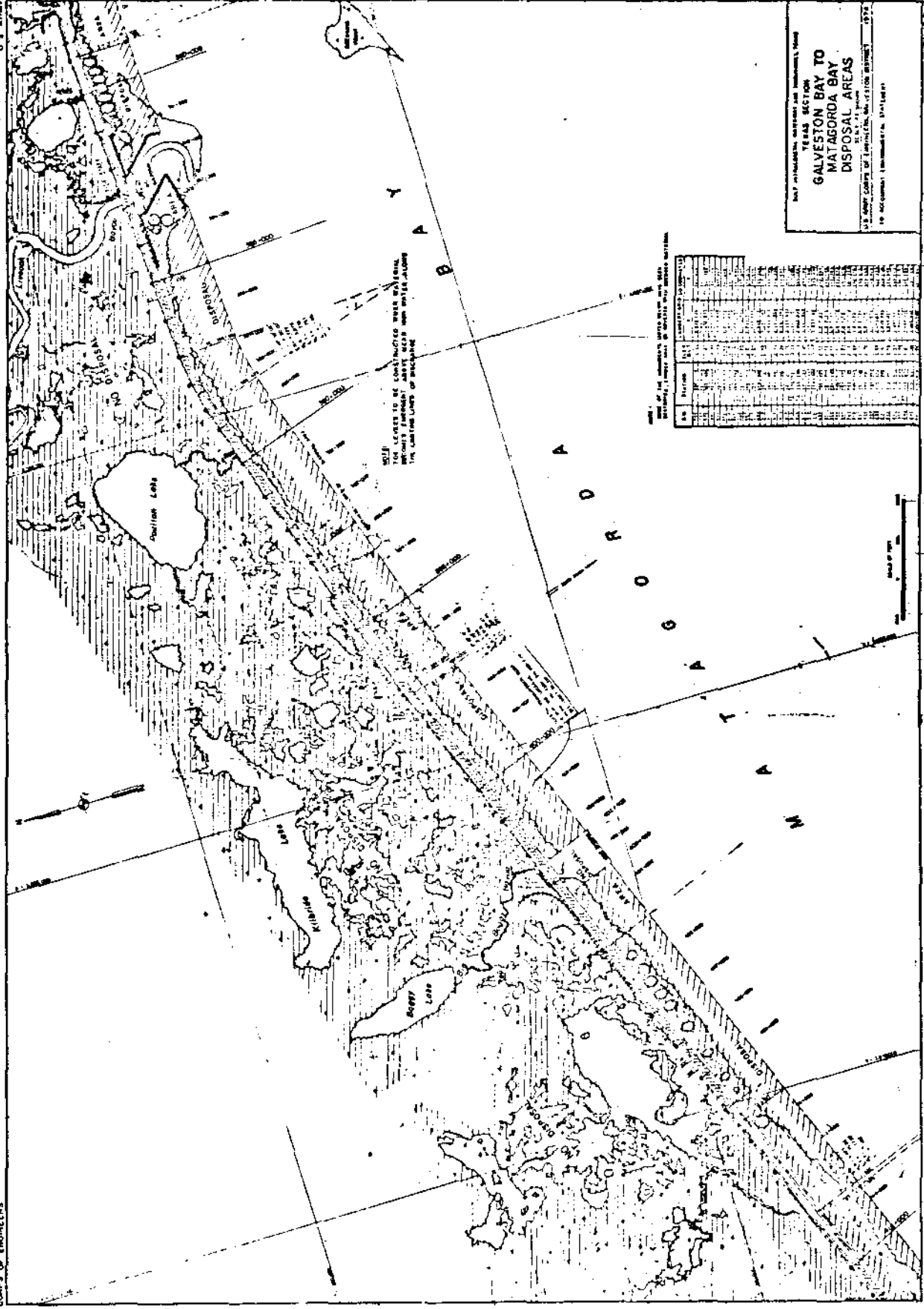
NOTE: AREAS TO BE CONTROLLED UNDER MATTERS  
 BECOMES THE LINES OF THE STATES ALONG  
 THE LIMITING LINES OF THE STATES ALONG

NO.	DESCRIPTION	DATE	BY
1	...	...	...
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50	...	...	...

U.S. ARMY

CORPS OF ENGINEERS

U. S. ARMY



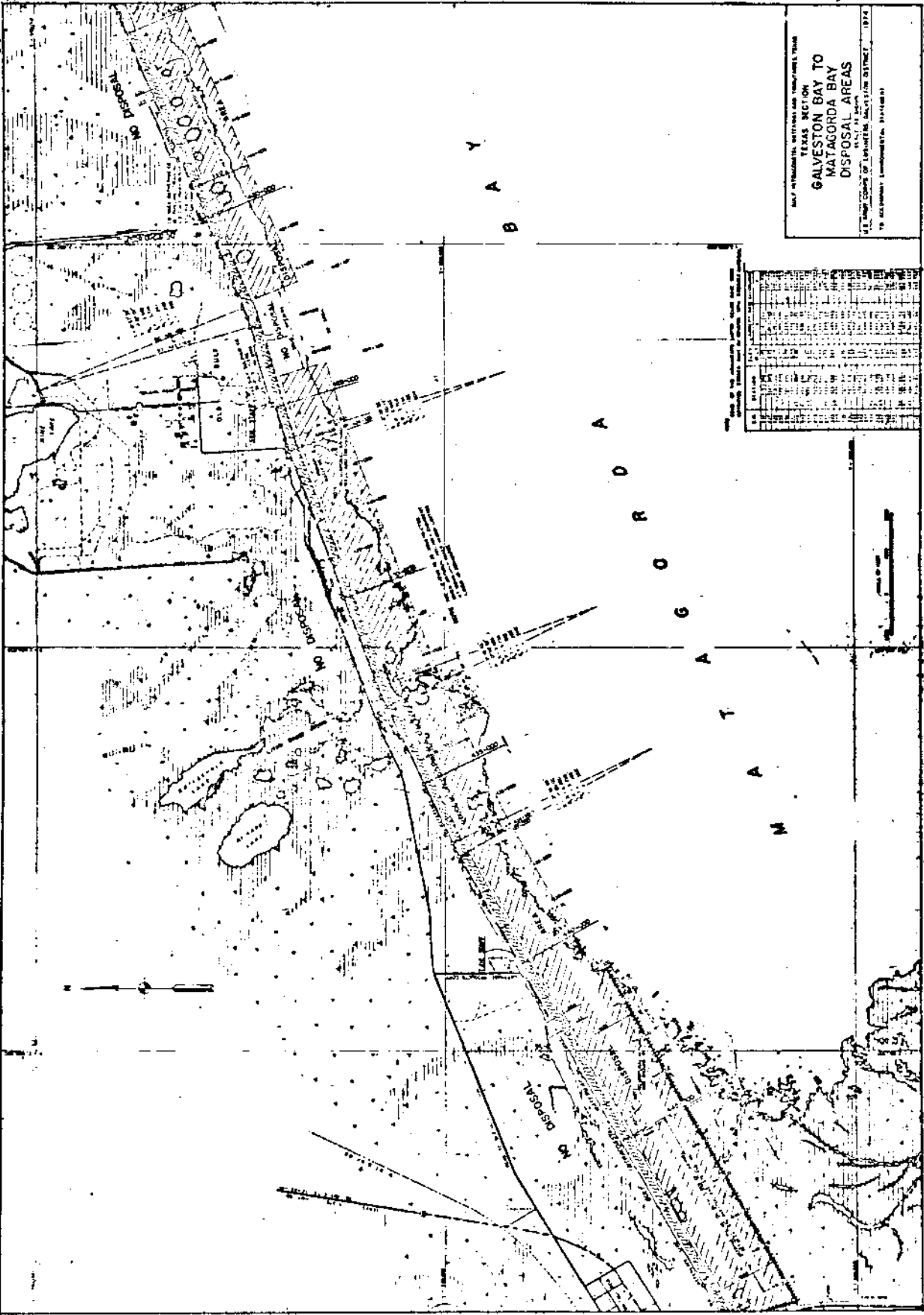
DATE OF PREPARATION: NOVEMBER 1954  
 DRAWN BY: [illegible]  
 CHECKED BY: [illegible]  
 APPROVED BY: [illegible]  
 TITLE: GALVESTON BAY TO MATAGORDA BAY DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 DRAWN AT: GALVESTON, TEXAS  
 DRAWING NUMBER: [illegible]

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.

NO.	DESCRIPTION	DATE	BY	REVISIONS
1	INITIAL DESIGN	11/1/54	[illegible]	
2	REVISED DESIGN	11/15/54	[illegible]	
3	REVISED DESIGN	11/25/54	[illegible]	
4	REVISED DESIGN	12/1/54	[illegible]	
5	REVISED DESIGN	12/15/54	[illegible]	
6	REVISED DESIGN	12/25/54	[illegible]	
7	REVISED DESIGN	1/5/55	[illegible]	
8	REVISED DESIGN	1/15/55	[illegible]	
9	REVISED DESIGN	1/25/55	[illegible]	
10	REVISED DESIGN	2/5/55	[illegible]	

U.S. ARMY

COMPS OF ENGINEERS

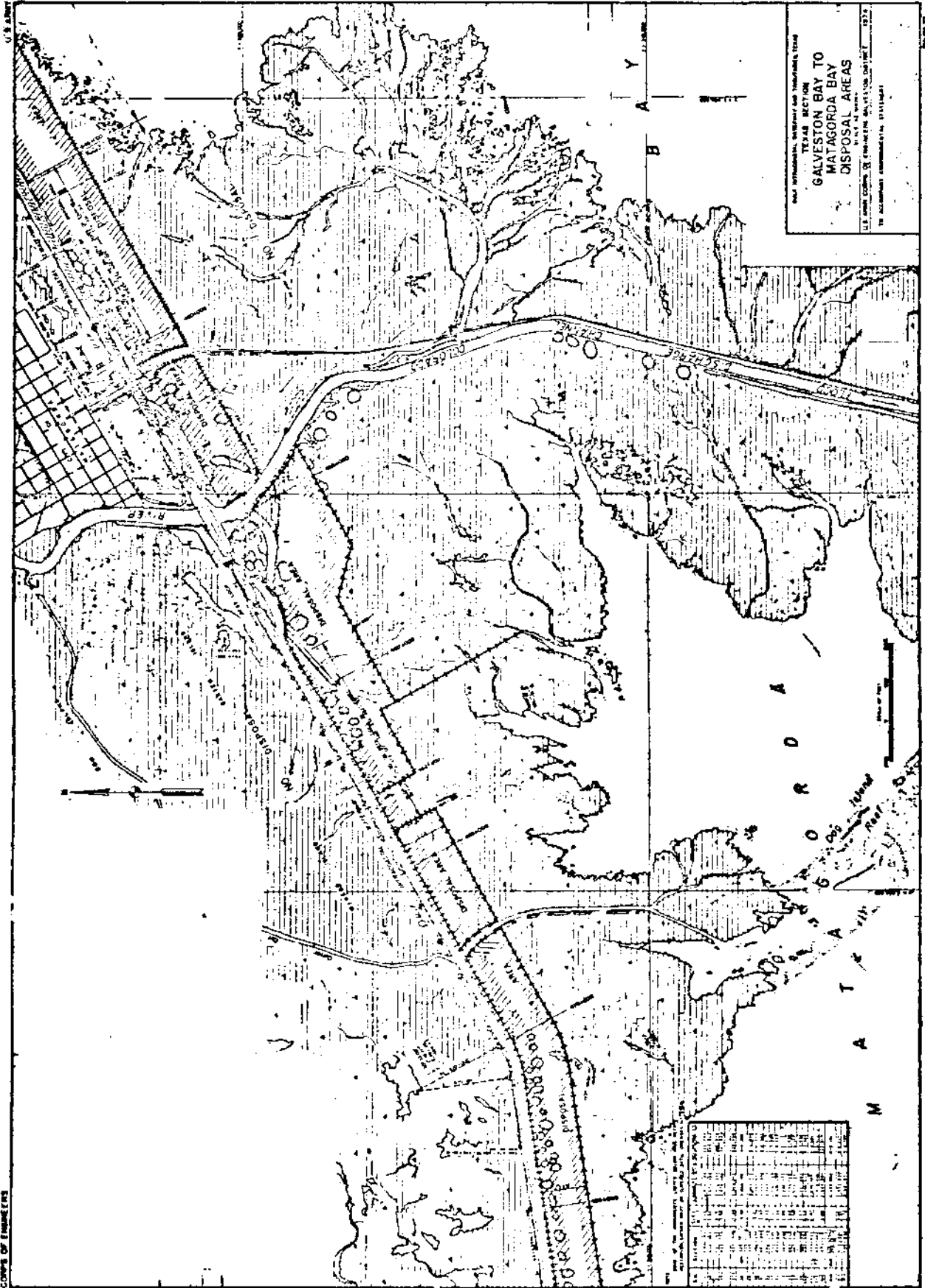


HALF INCHES TO THE HORIZONTAL  
 TEXAS SECTION  
**GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS**  
 1:50,000  
 U.S. ENGINEERING DISTRICT OF GALVESTON, TEXAS  
 TO ACCOMPANY LITHOGRAPHIC DRAWING NO. 1011000

NO.	DESCRIPTION	DATE	BY
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2	...	...	...
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8	...	...	...
9	...	...	...
10	...	...	...
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13	...	...	...
14	...	...	...
15	...	...	...
16	...	...	...
17	...	...	...
18	...	...	...
19	...	...	...
20	...	...	...
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22	...	...	...
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31	...	...	...
32	...	...	...
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45	...	...	...
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49	...	...	...
50	...	...	...

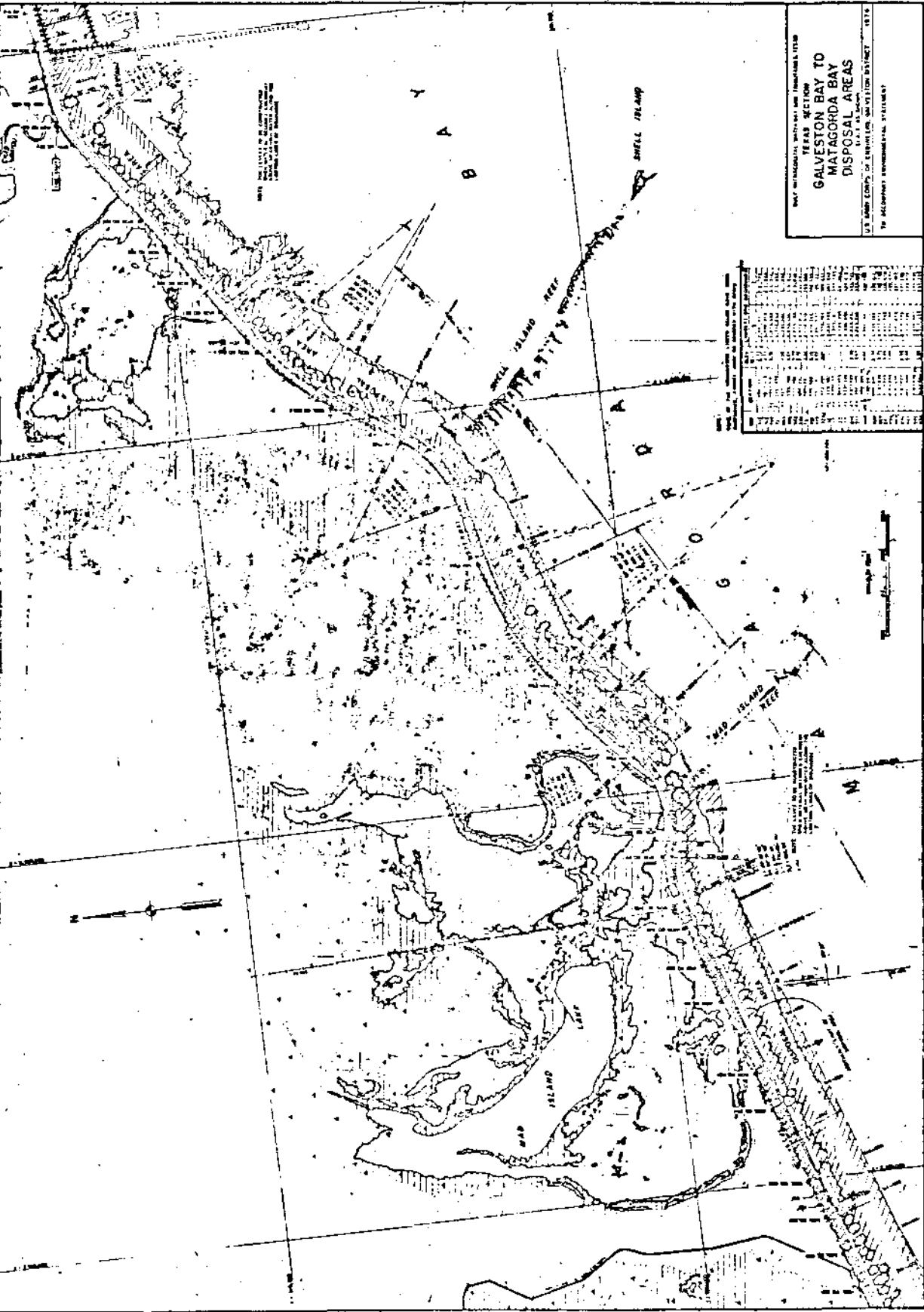
PAGE 10





U.S. ARMY

CORPS OF ENGINEERS



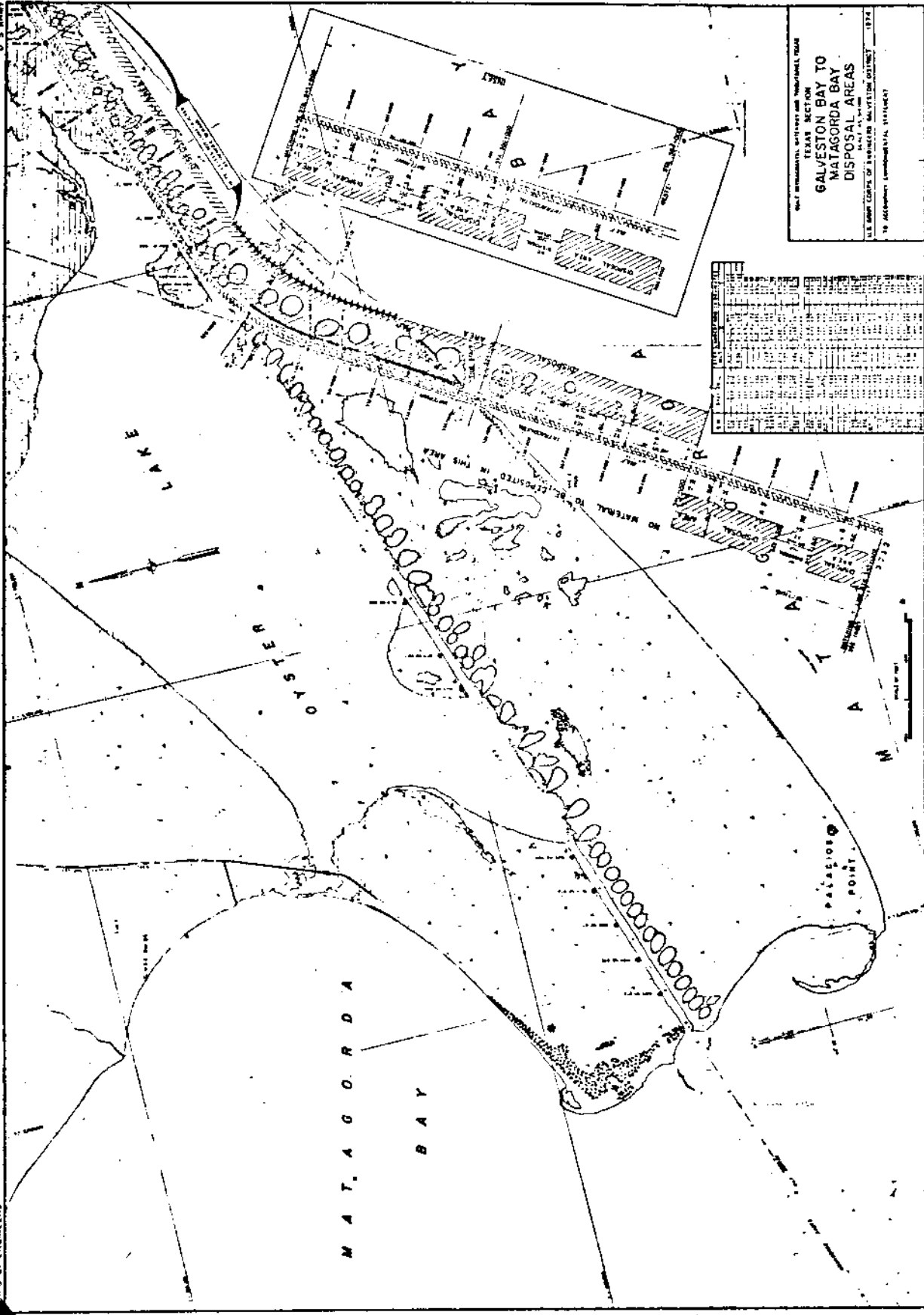
MAP MATAGORDA BAY AND GALVESTON BAY  
 TEXAS SECTION  
**GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS**  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 FOR ACCOMPANYING ENVIRONMENTAL STATEMENT

NO.	DESCRIPTION	DATE	BY
1	...	...	...
2	...	...	...
3	...	...	...
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7	...	...	...
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14	...	...	...
15	...	...	...
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19	...	...	...
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27	...	...	...
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33	...	...	...
34	...	...	...
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36	...	...	...
37	...	...	...
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43	...	...	...
44	...	...	...
45	...	...	...
46	...	...	...
47	...	...	...
48	...	...	...
49	...	...	...
50	...	...	...

SCALE 1:50,000

U.S. ARMY

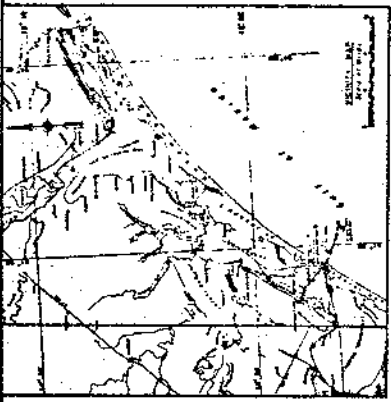
DEPT. OF ENGINEERS



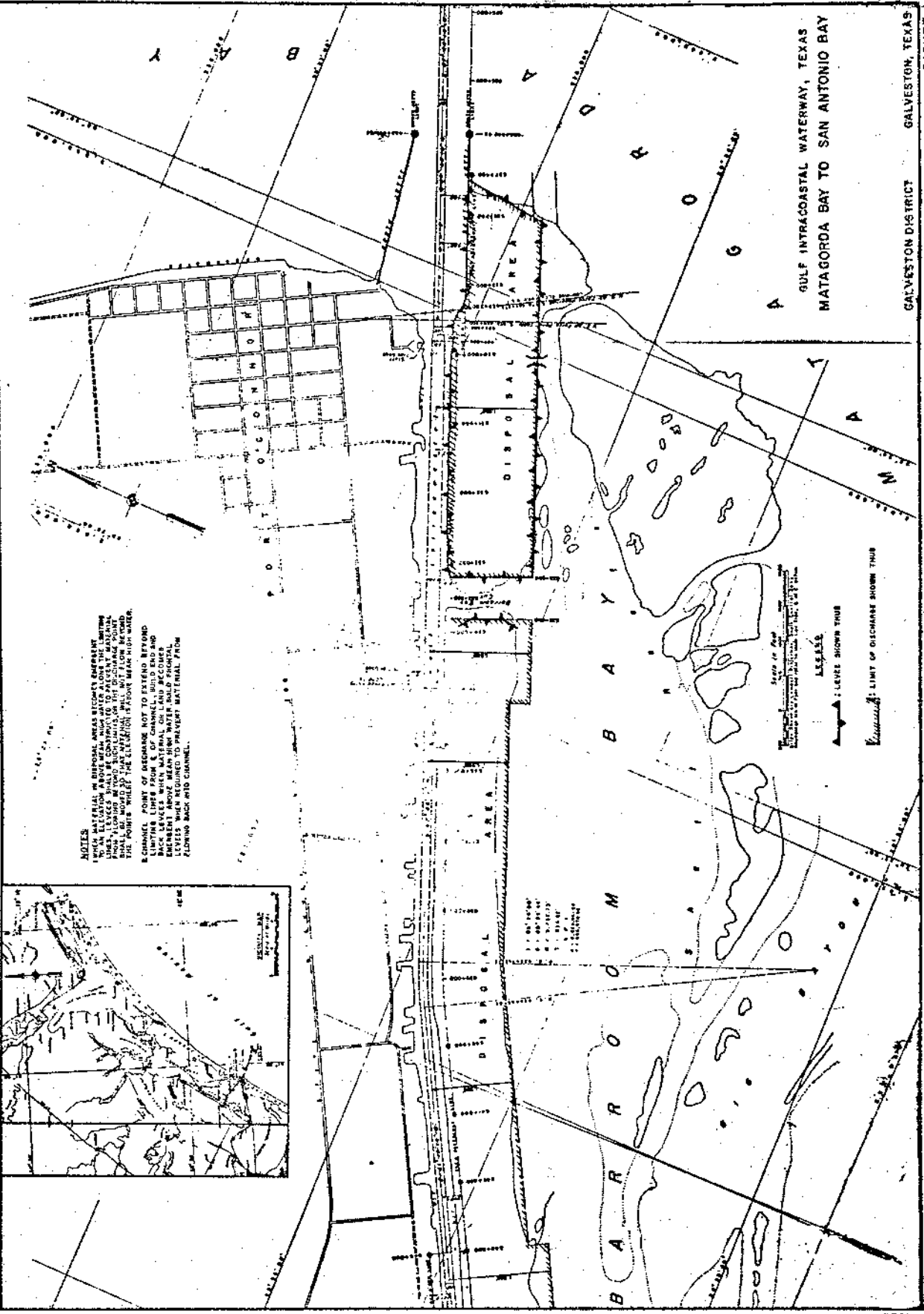
SCALE: HORIZONTAL DISTANCE AND VERTICAL SCALE  
 TEXAS SECTION  
 GALVESTON BAY TO  
 MATAGORDA BAY  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, 1974  
 TO ACCOMPANY: ENVIRONMENTAL STATEMENT

GRID	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D										
E										
F										
G										
H										
I										
J										
K										
L										
M										

PLATE 20



NOTES  
 1. WHICH MATERIAL IN DISPOSAL AREAS SHOULD BE REMOVED  
 2. AN ELEVATION ABOVE THE CHANNEL TO ALLOW MATERIAL TO  
 3. FROM A LOW POINT TO A HIGH POINT ON THE DISCHARGE POINT  
 4. THE POINTS WHERE THE ELEVATION FROM MEAN HIGH WATER  
 5. CHANNEL POINT OF DISCHARGE NOT TO EXTEND BEYOND  
 6. LIMITING LINES FROM E OF CHANNEL, BUILD END AND  
 7. BACK LEVIES WHEN MATERIAL OF LAND ACCORDS  
 8. LEVIES WHEN REQUIRED TO PREVENT MATERIAL FROM  
 9. FLOWING BACK INTO CHANNEL.



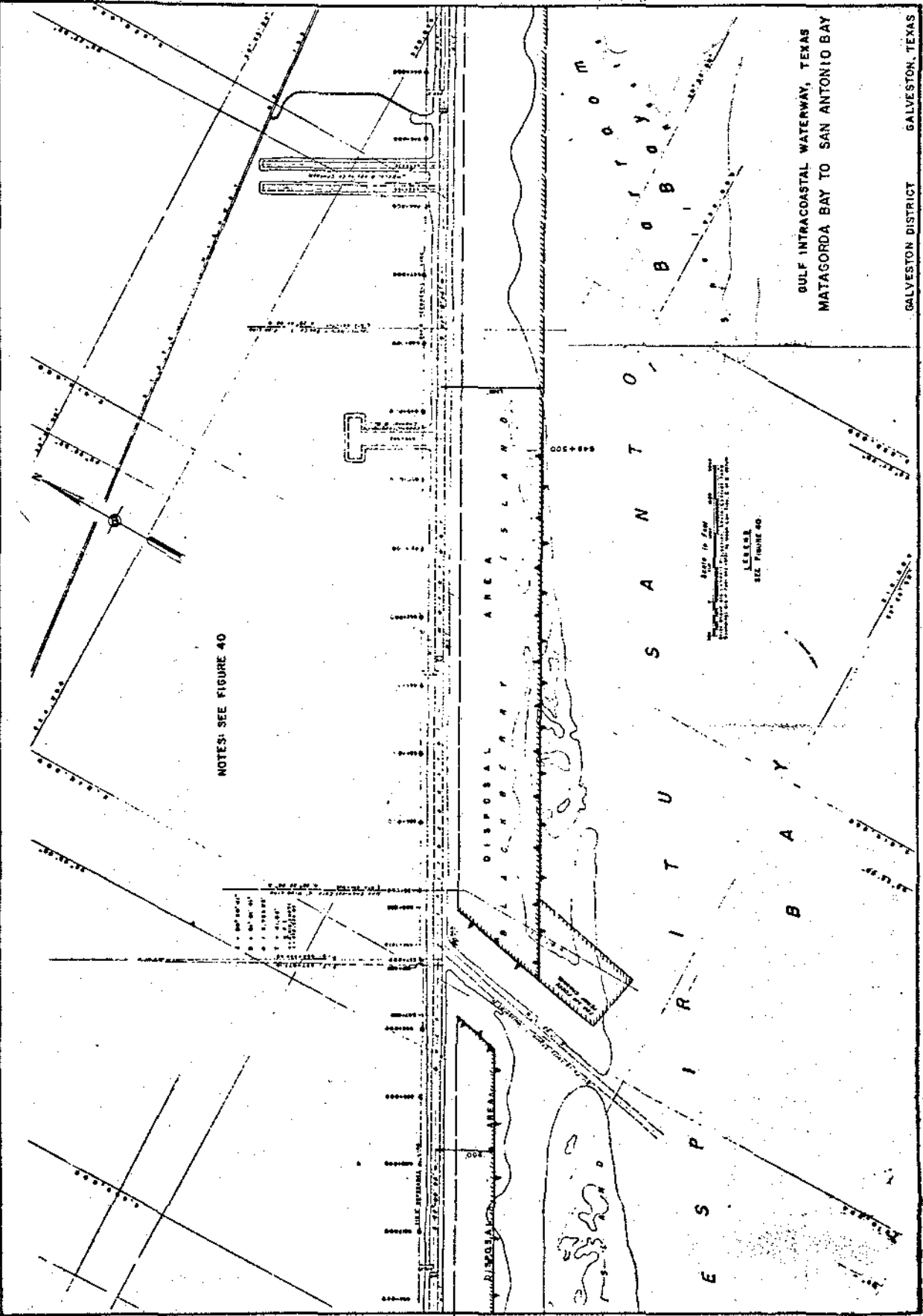
GULF INTRACOASTAL WATERWAY, TEXAS  
 MATAGORDA BAY TO SAN ANTONIO BAY

GALVESTON DISTRICT GALVESTON, TEXAS

FIGURE 40

CORPS OF ENGINEERS

U. S. ARMY

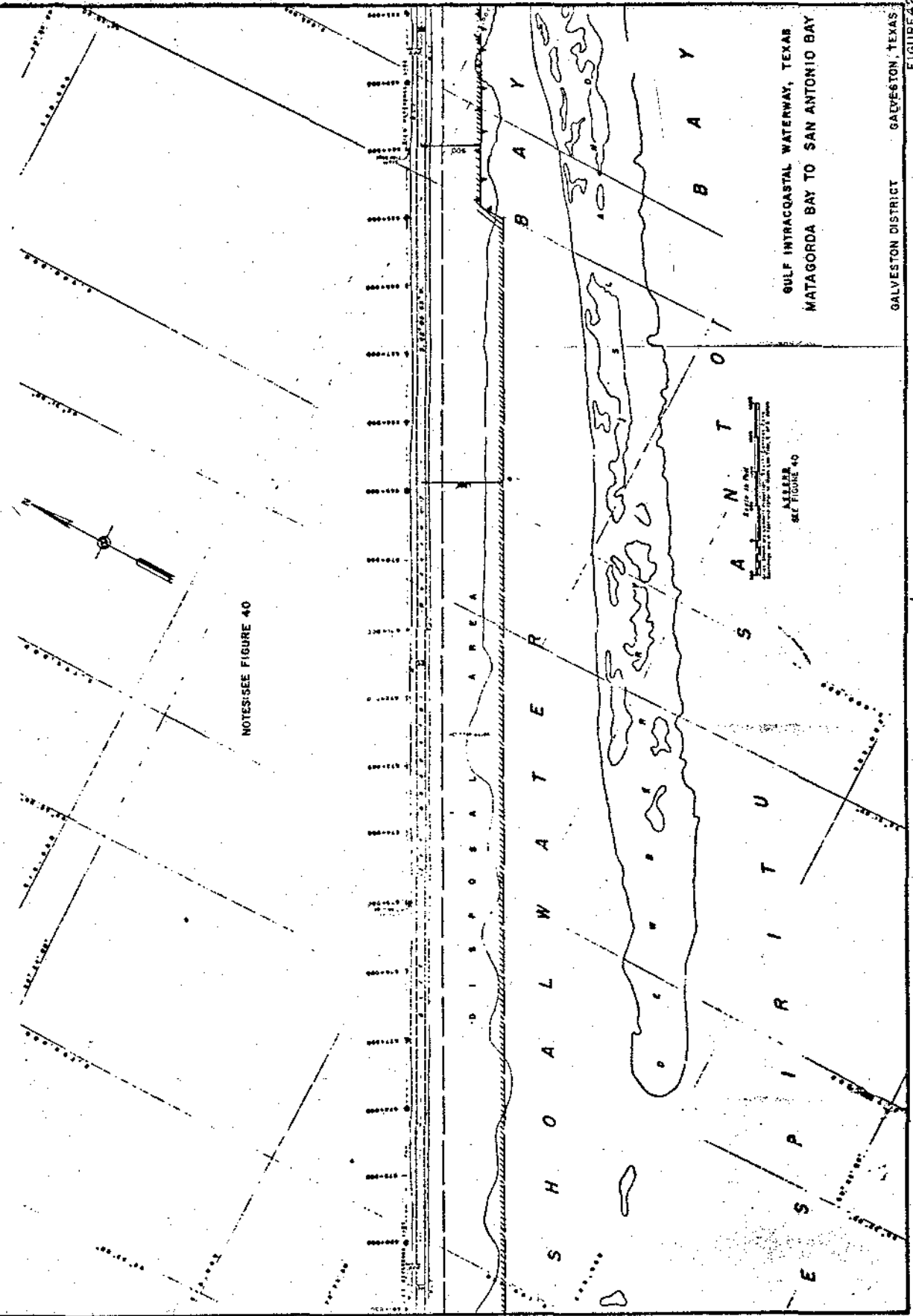


GULF INTRACOASTAL WATERWAY, TEXAS  
MATAGORDA BAY TO SAN ANTONIO BAY

GALVESTON DISTRICT GALVESTON, TEXAS  
FIGURE 41

COAST OF ENGINEERS

U. S. NAVY

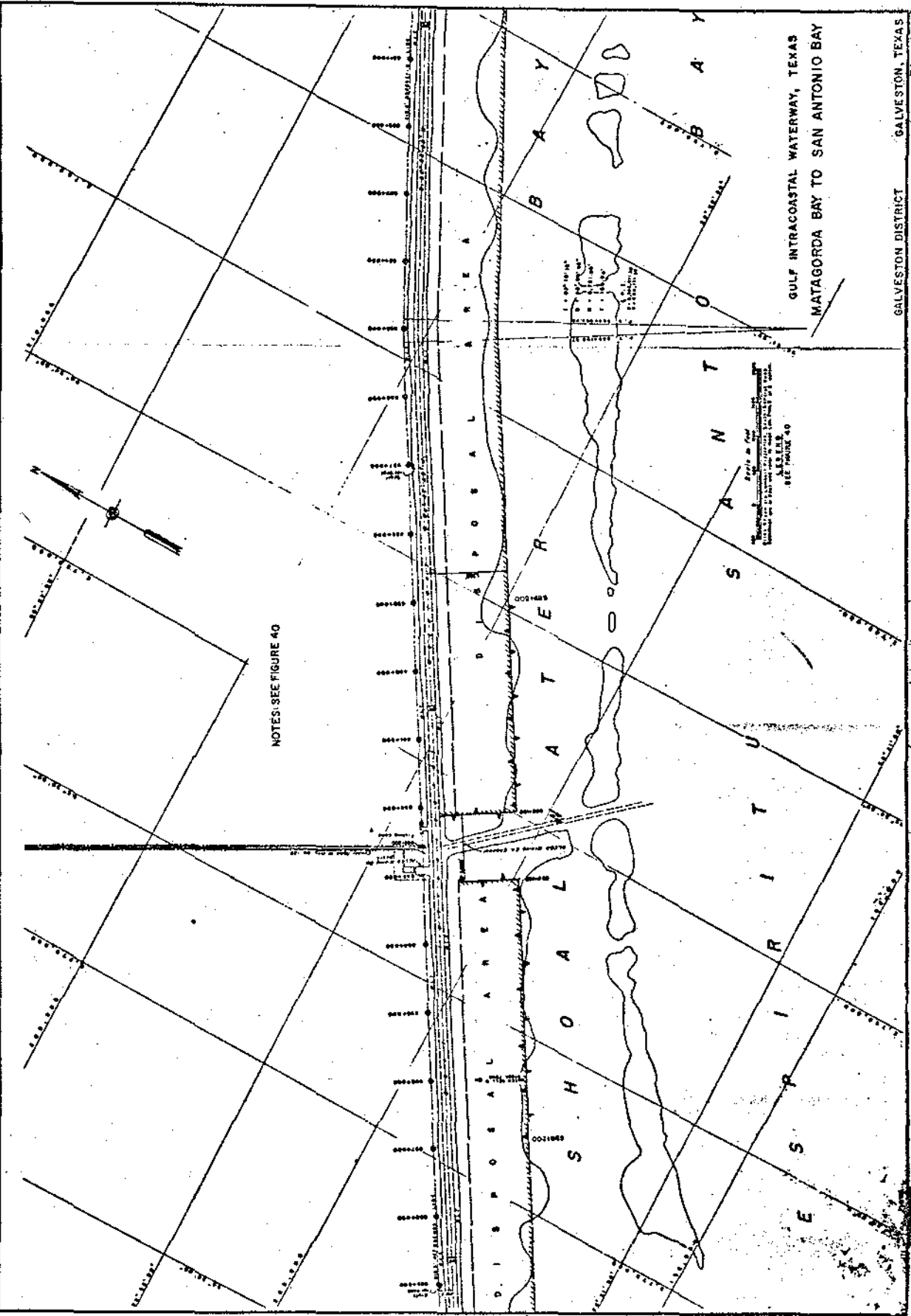


NOTES: SEE FIGURE 40

GULF INTRACOASTAL WATERWAY, TEXAS  
MATAGORDA BAY TO SAN ANTONIO BAY

1 MILE  
SEE FIGURE 40

GALVESTON DISTRICT GALVESTON, TEXAS  
FIGURE 42



NOTES: SEE FIGURE 40

GULF INTRACOASTAL WATERWAY, TEXAS  
MATAGORDA BAY TO SAN ANTONIO BAY

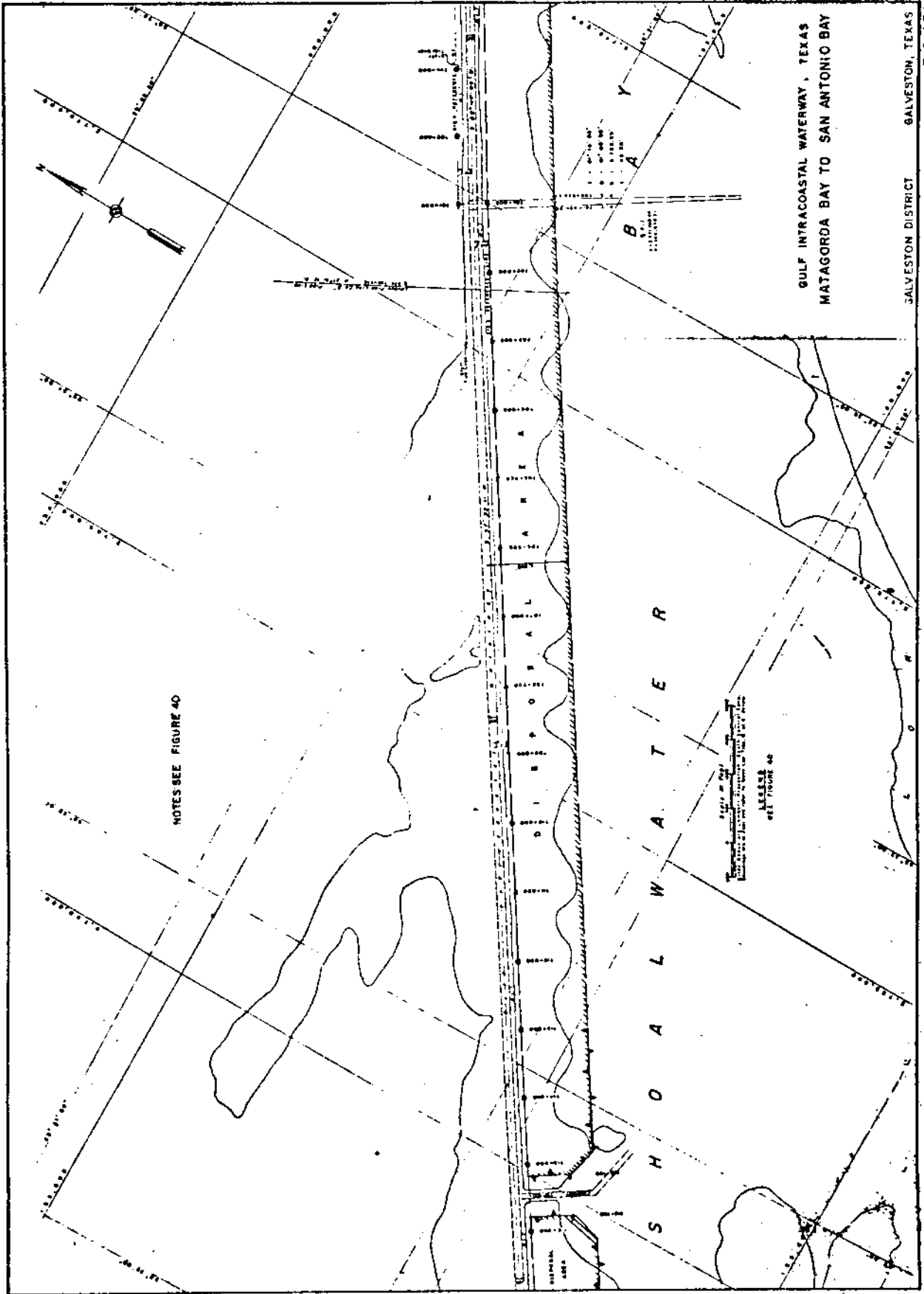
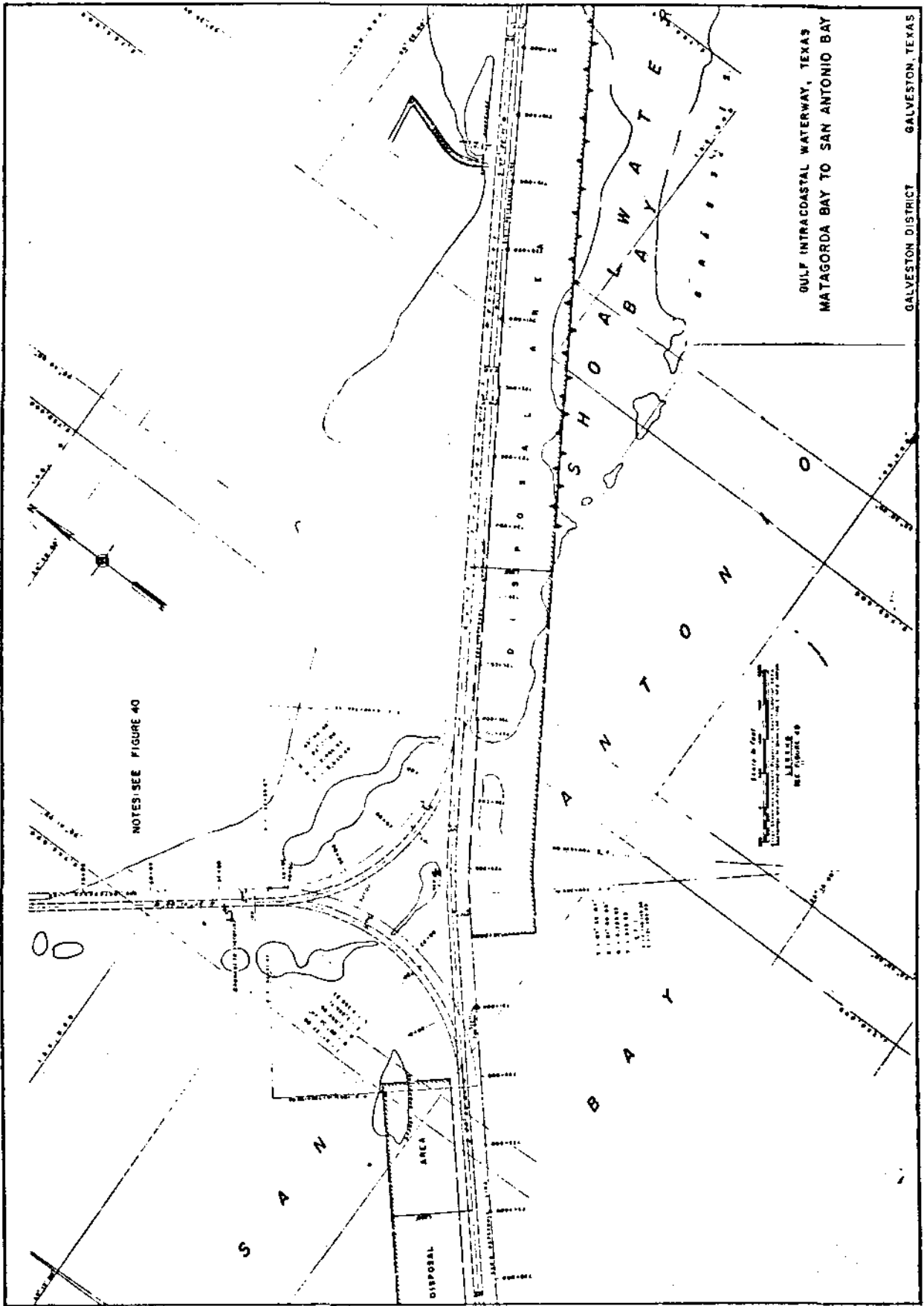


FIGURE 44



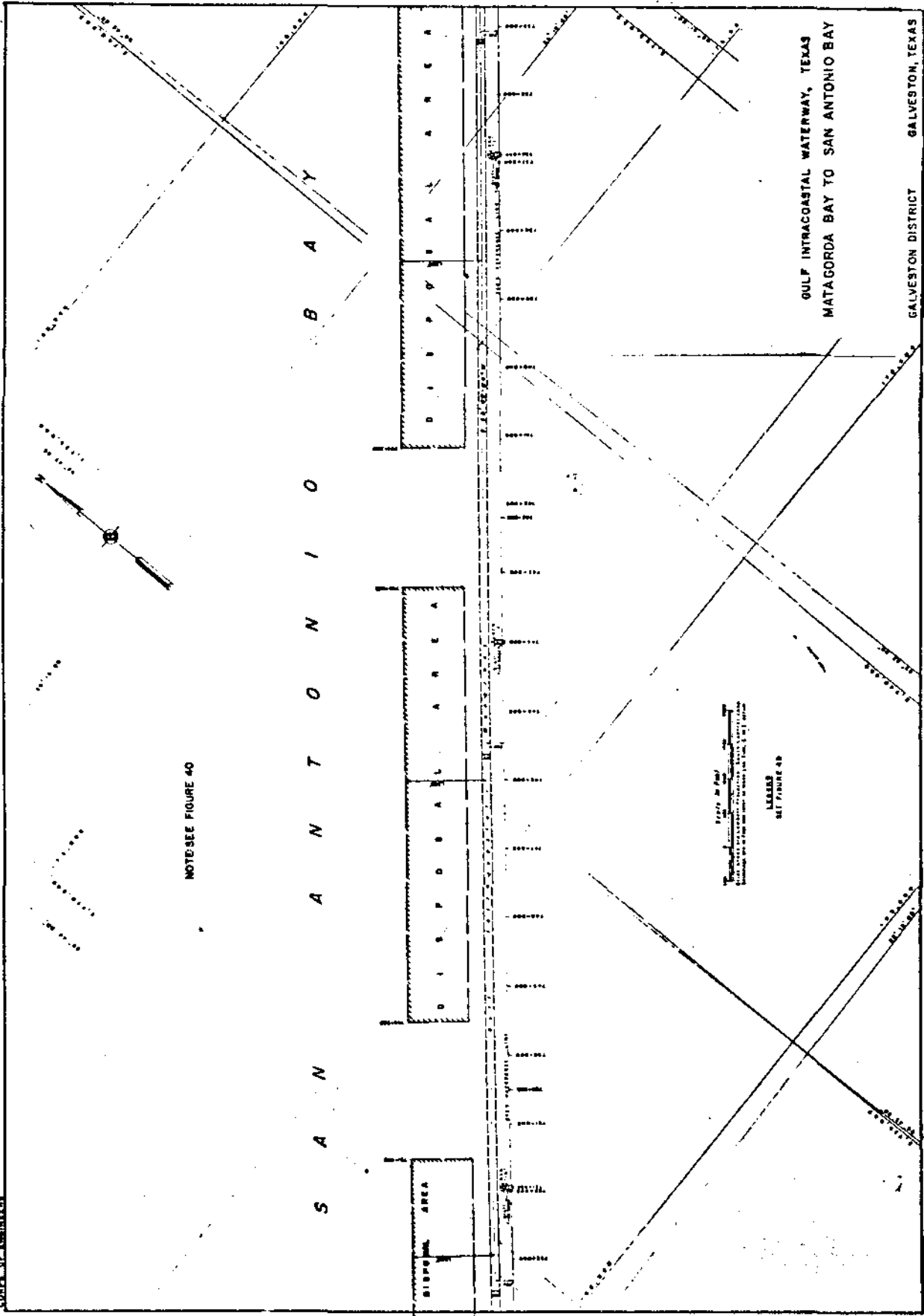


GULF INTRACOASTAL WATERWAY, TEXAS  
MATAGORDA BAY TO SAN ANTONIO BAY

GALVESTON DISTRICT GALVESTON, TEXAS

FIGURE 45

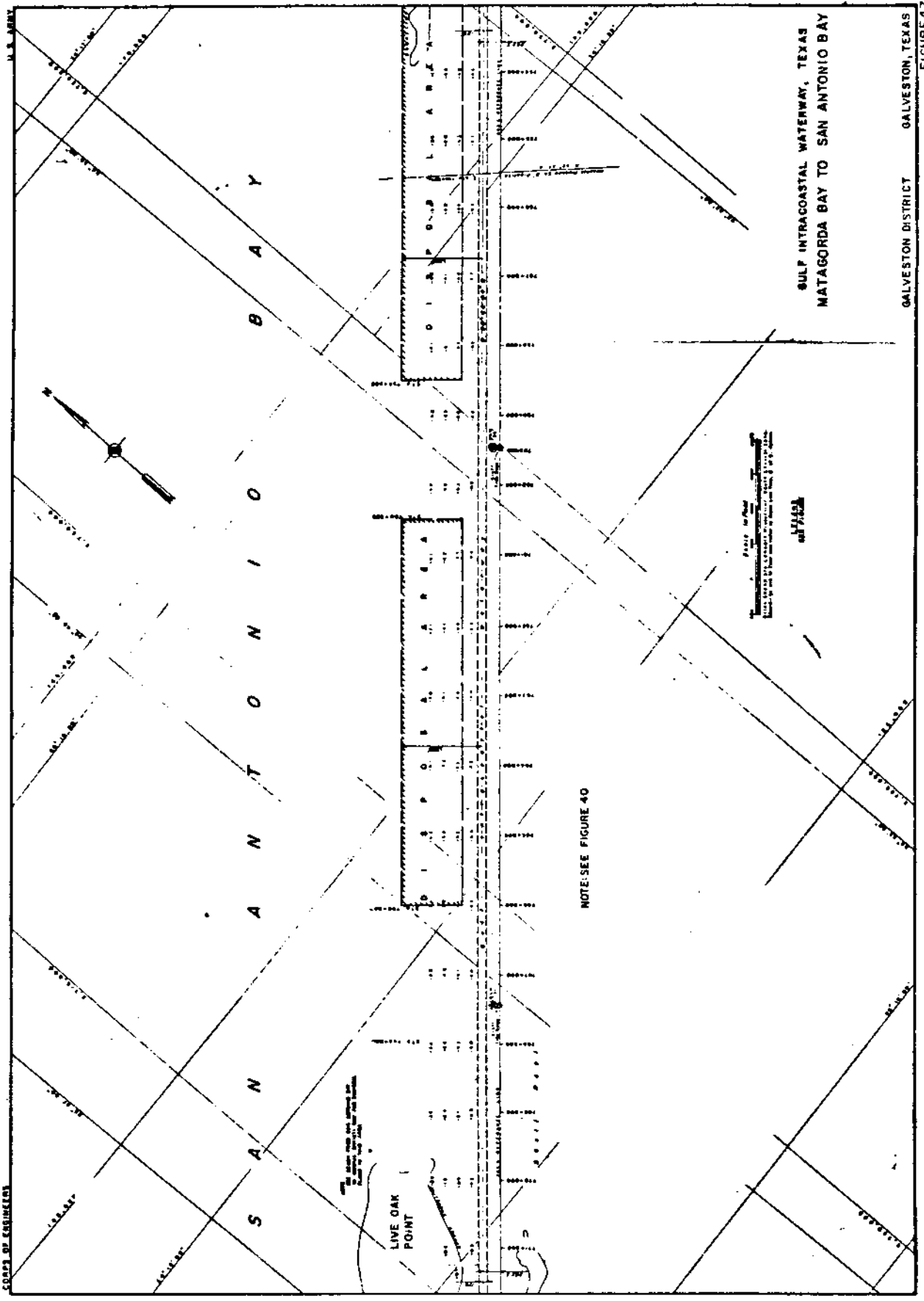
SCALE OF MILES

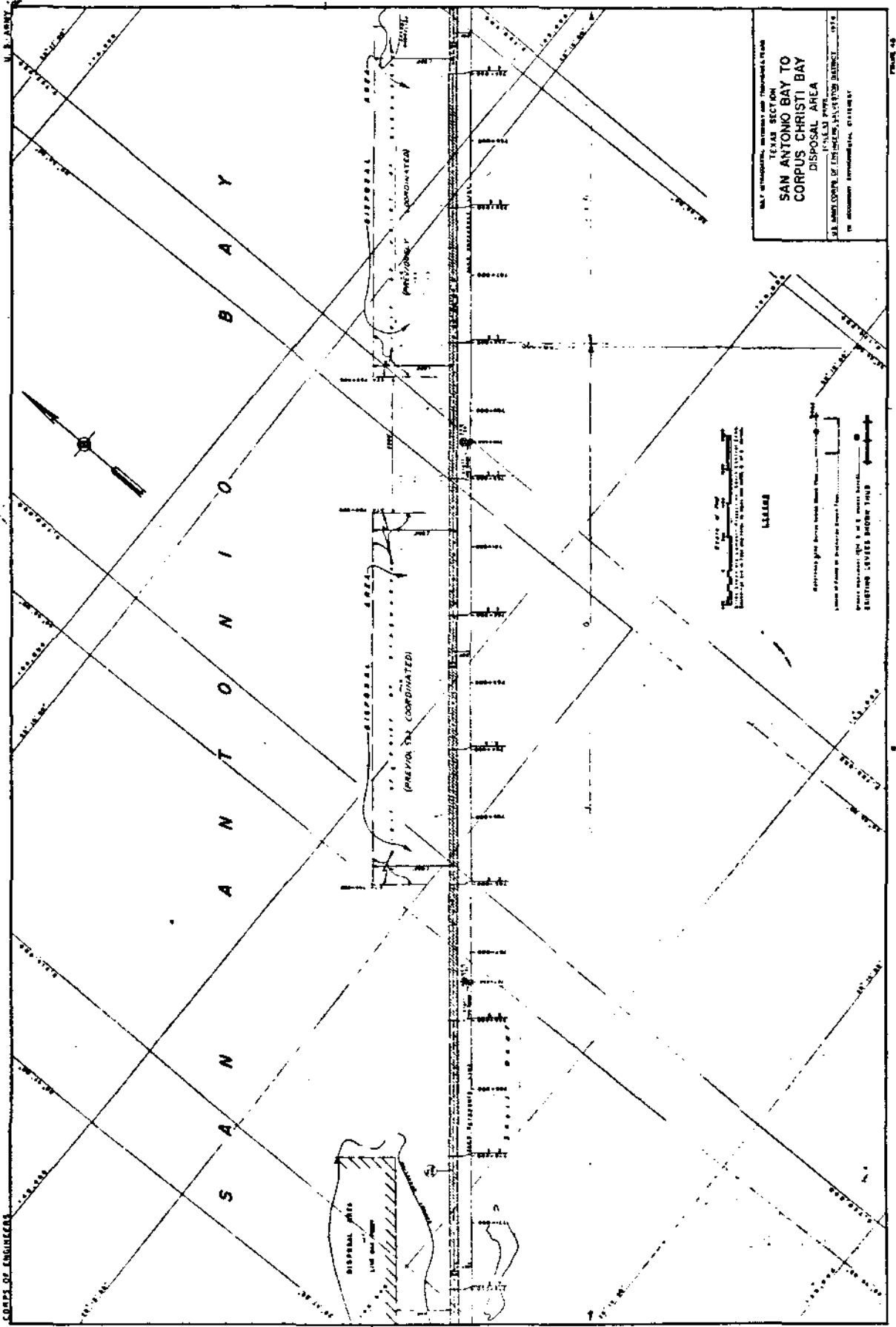


NOTE-SEE FIGURE 40

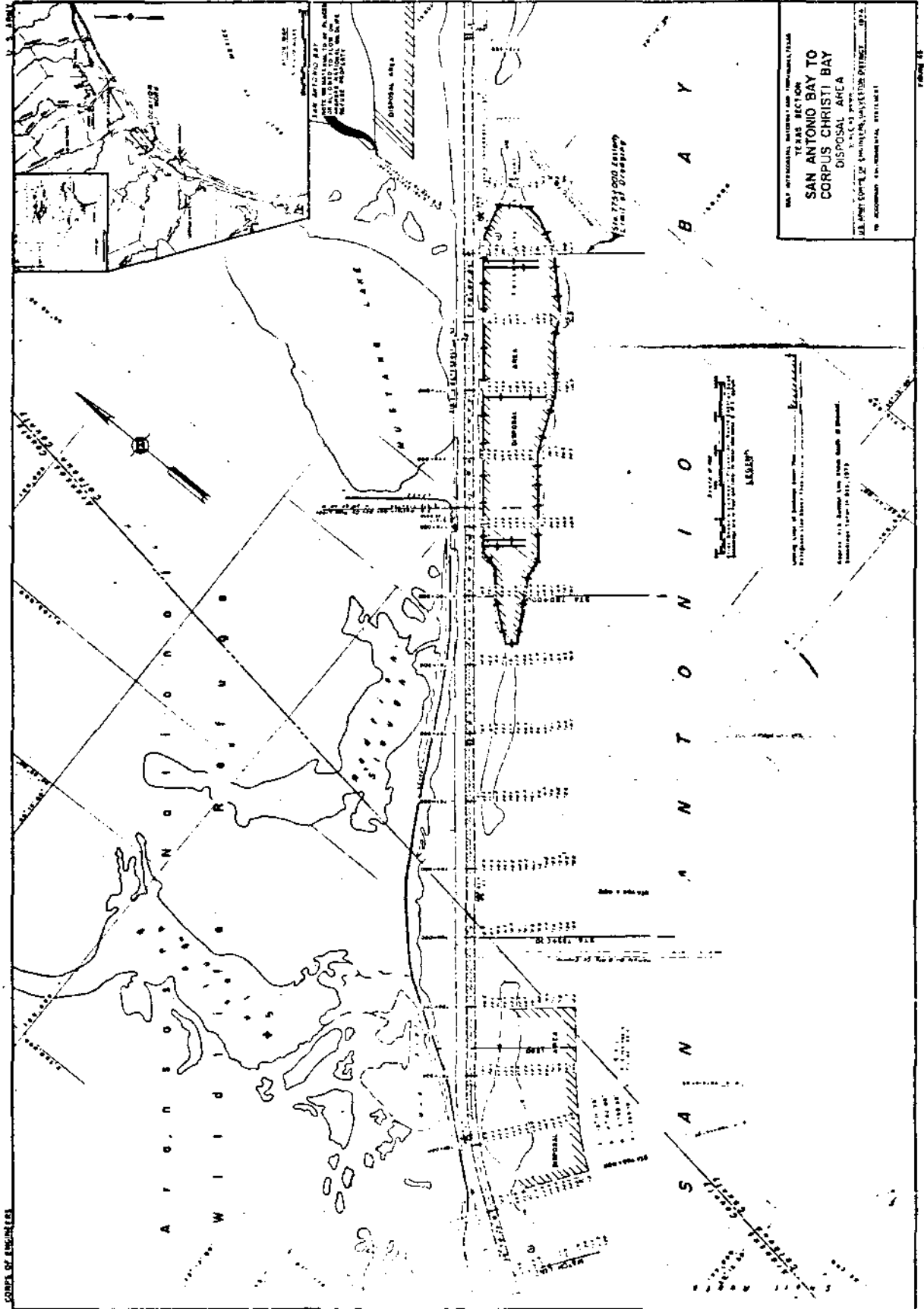
FIGURE 46

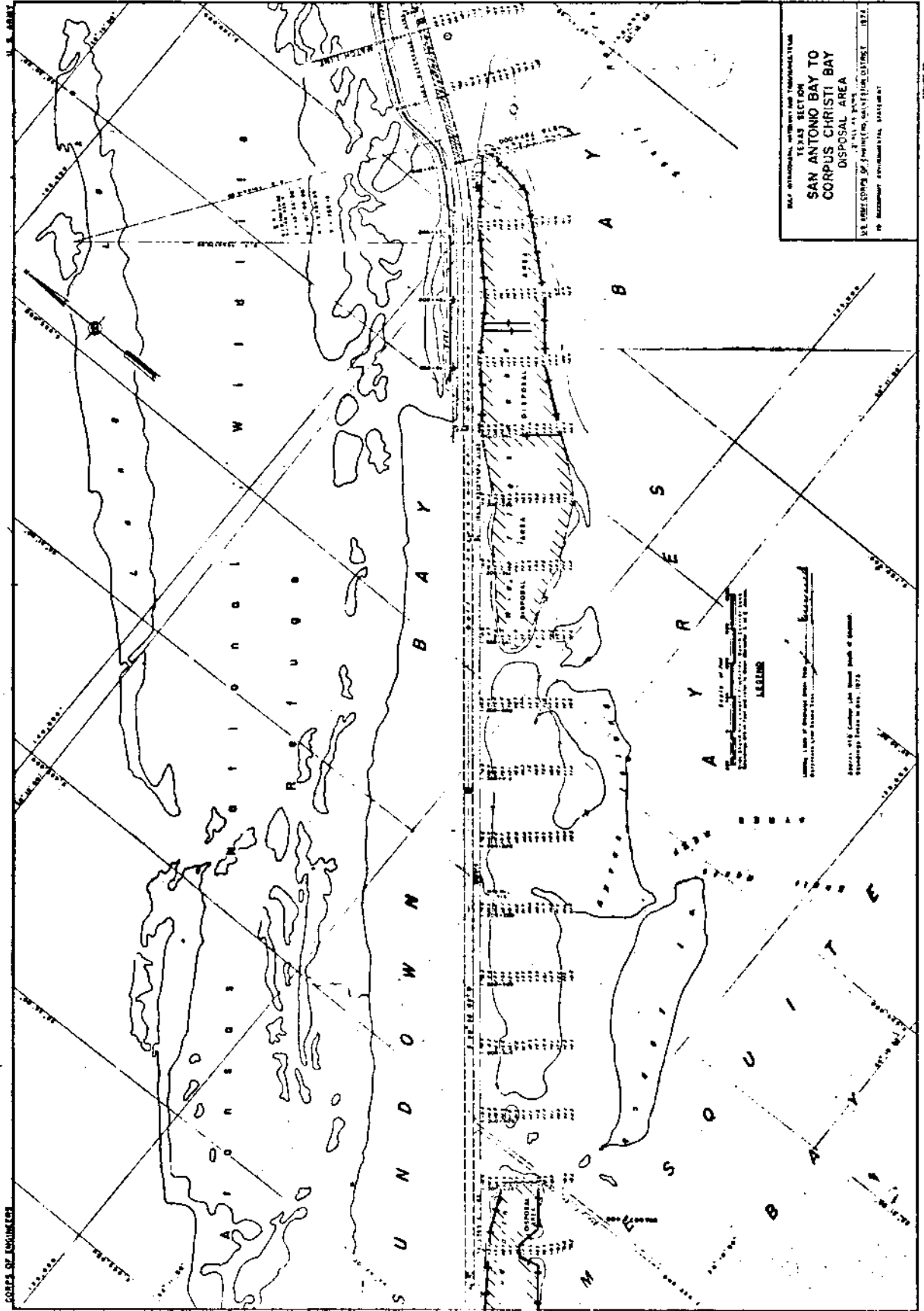
GALVESTON DISTRICT GALVESTON, TEXAS





SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA  
 PLAN SHEET  
 U. S. NAVY ENGINEERING DRAWING BOARD





U.S. ARMY  
ENGINEERING CENTER  
WASHINGTON, D.C.

TEXAS SECTION  
SAN ANTONIO BAY TO  
CORPUS CHRISTI BAY  
DISPOSAL AREA

U.S. ARMY CORPUS OF ENGINEERS  
WASHINGTON, D.C.

LEGEND

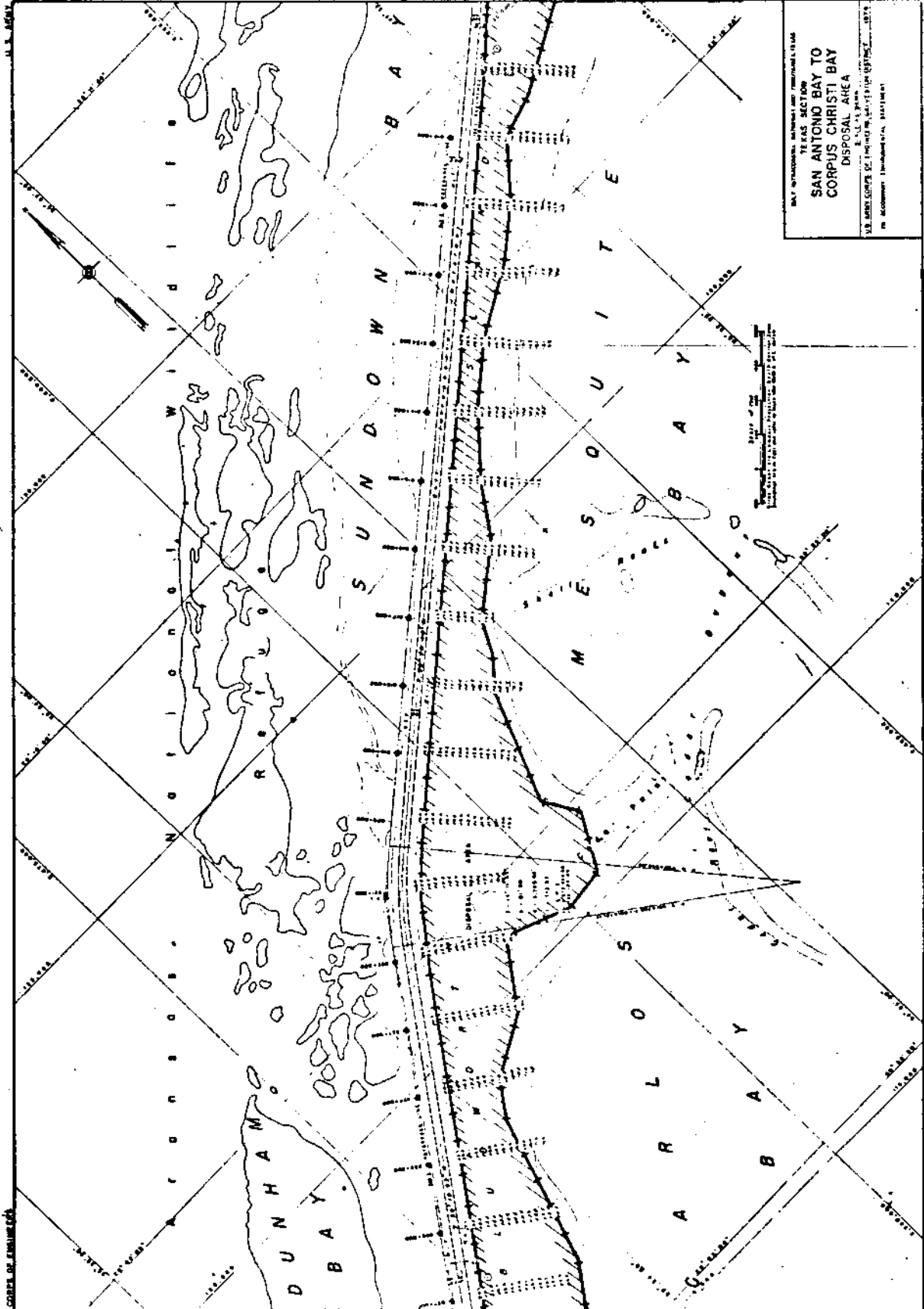
AREA OF DISPOSAL

AREA OF DISPOSAL

SCALE

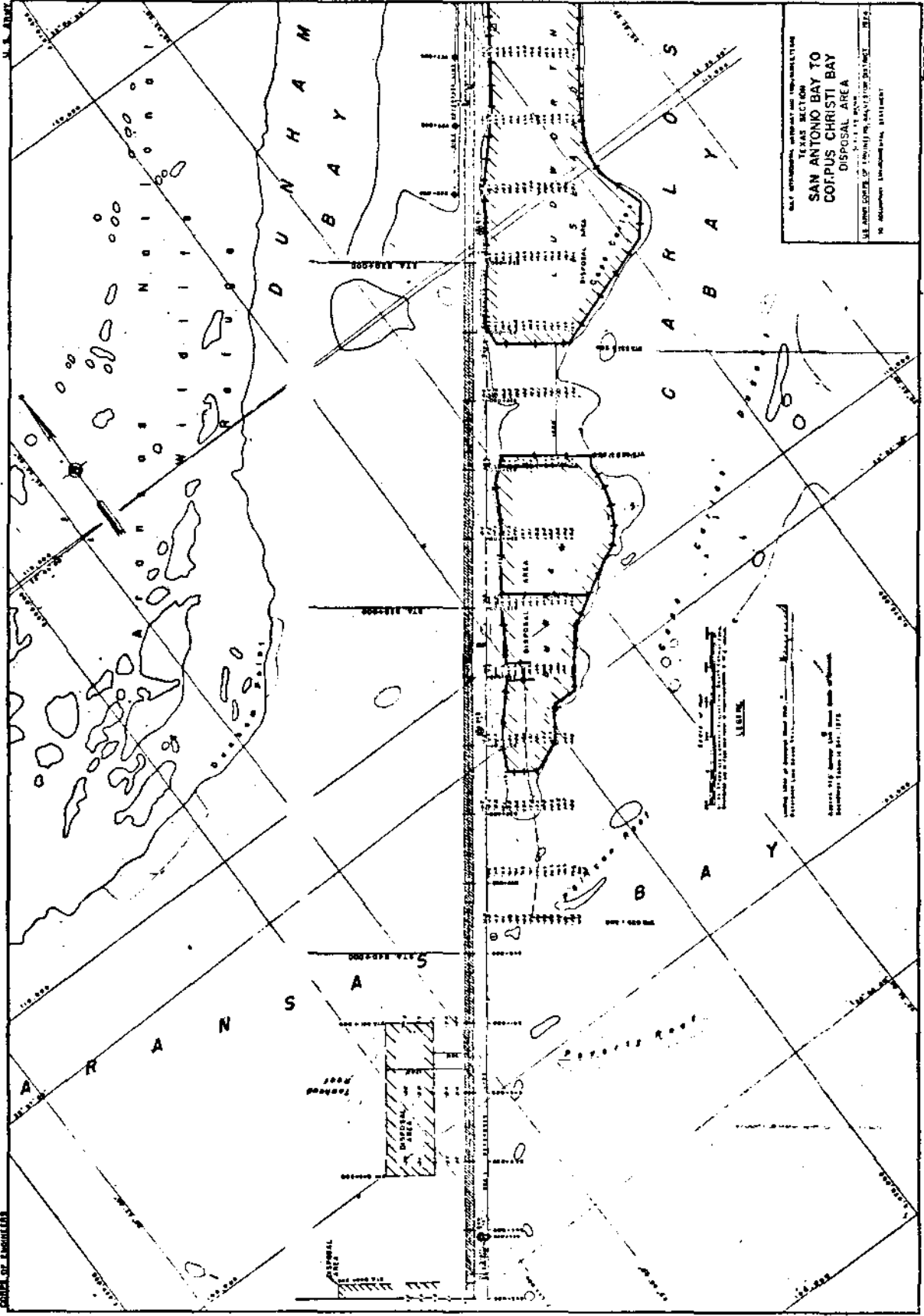
1:50,000

U.S. ARMY CORPUS OF ENGINEERS  
WASHINGTON, D.C.



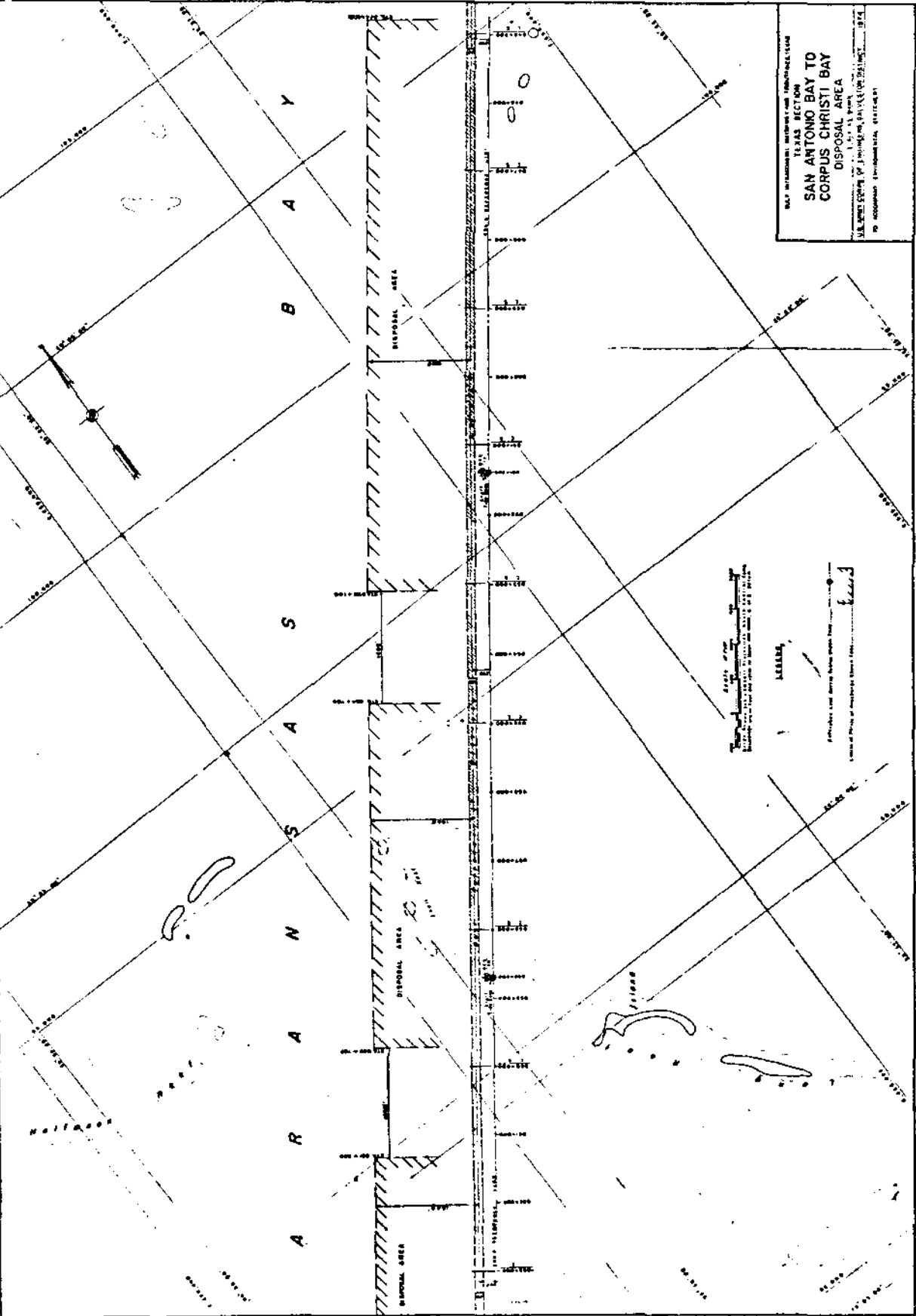
U.S. NAVY  
 HYDROGRAPHIC OFFICE  
 WASHINGTON, D.C. 20376  
 SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA  
 1:50,000  
 U.S. NAVY CHART NO. 11000  
 1981  
 ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
 DATE 12-14-83 BY 1042/UC/STP

COPIES OF THIS CHART





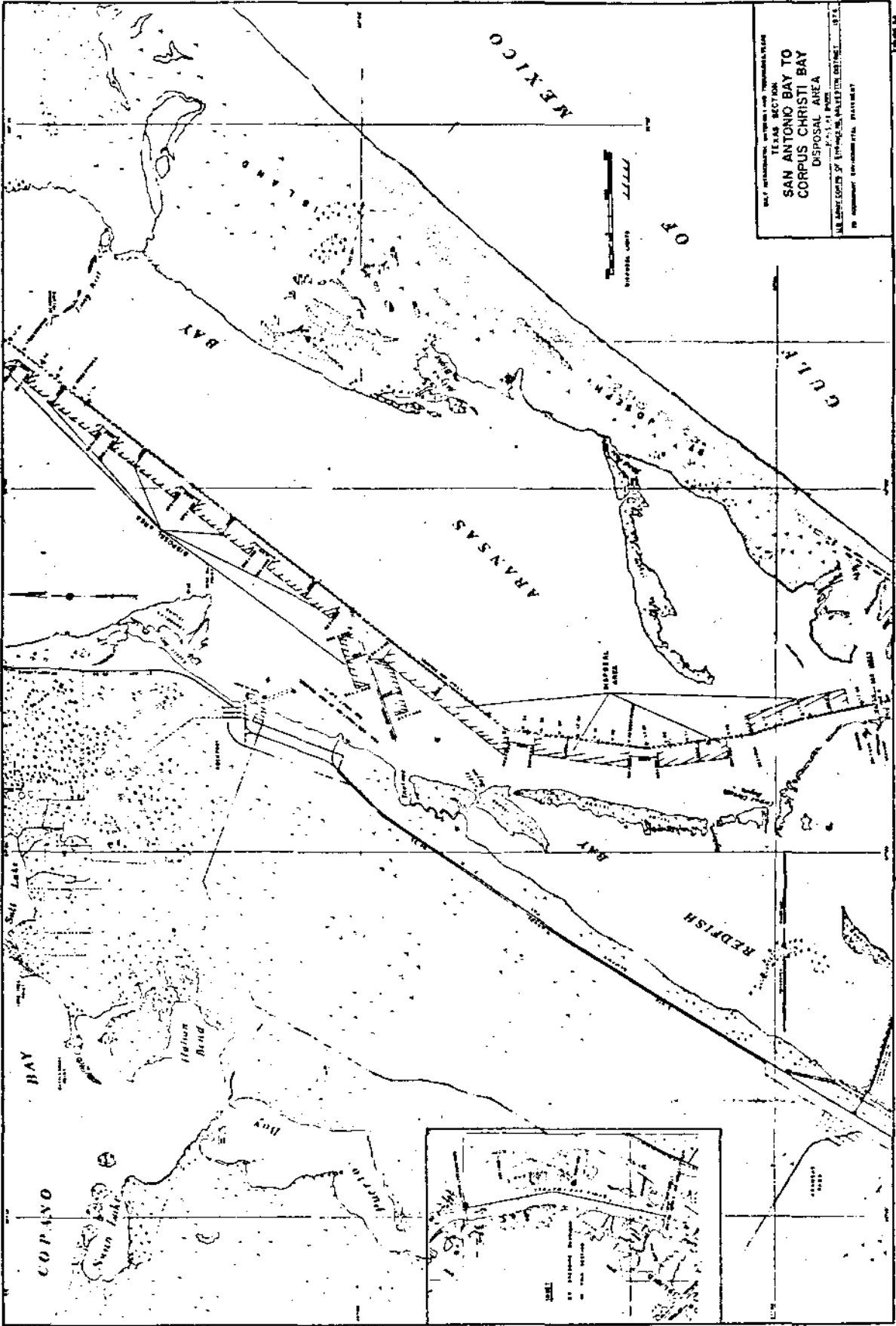
ENGINEERS



SAN ANTONIO BAY TO CORPUS CHRISTI BAY  
 TEXAS SECTION  
 SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA  
 SCALE: 1" = 100' HORIZ. DIST.  
 1" = 10' VERT. DIST.  
 TO ACCOMPANY INSTRUMENTS, DISTRICT

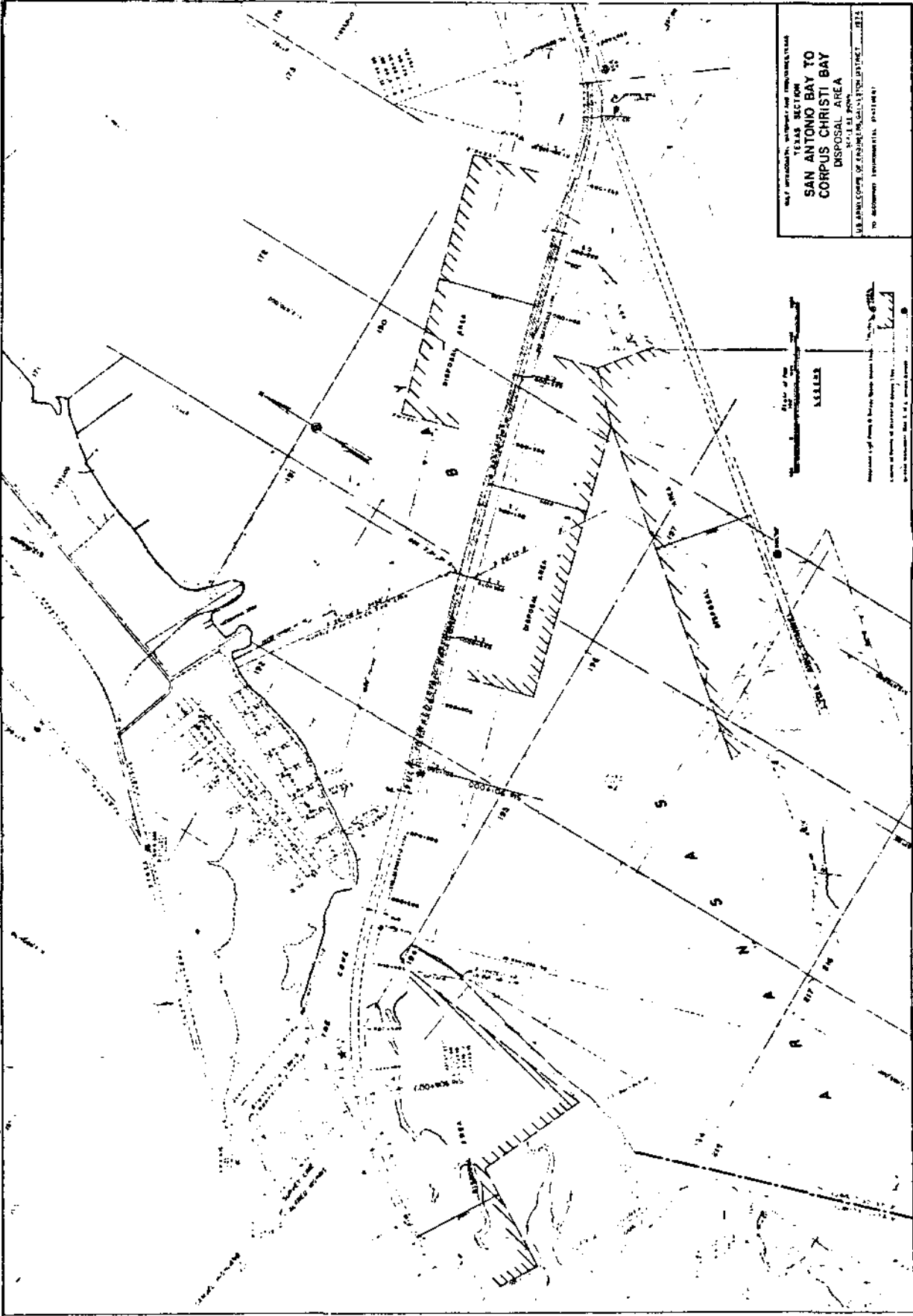
LEGEND  
 DISPOSAL AREA  
 DISPOSAL LINE  
 CANAL  
 PROPERTY AND SURVEY BOUNDARIES  
 CENTER OF PROPERTY BOUNDARIES

PLATE 1



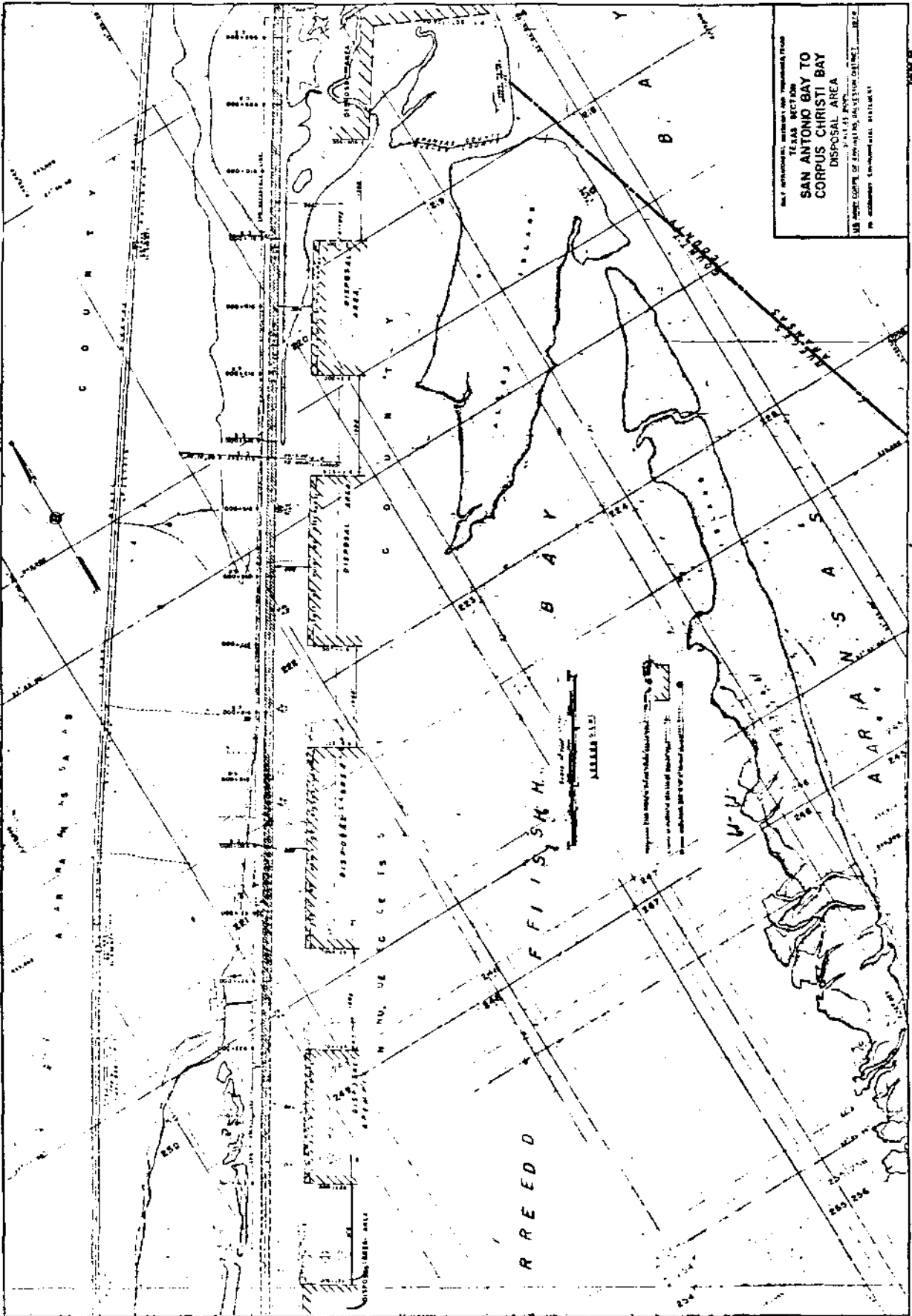
DATE: 1964  
BY: [illegible]  
SCALE: 1:50,000  
PROJECTION: UTM  
DATUM: NAD 83

TEXAS SECTION  
SAN ANTONIO BAY TO  
CORPUS CHRISTI BAY  
DISPOSAL AREA

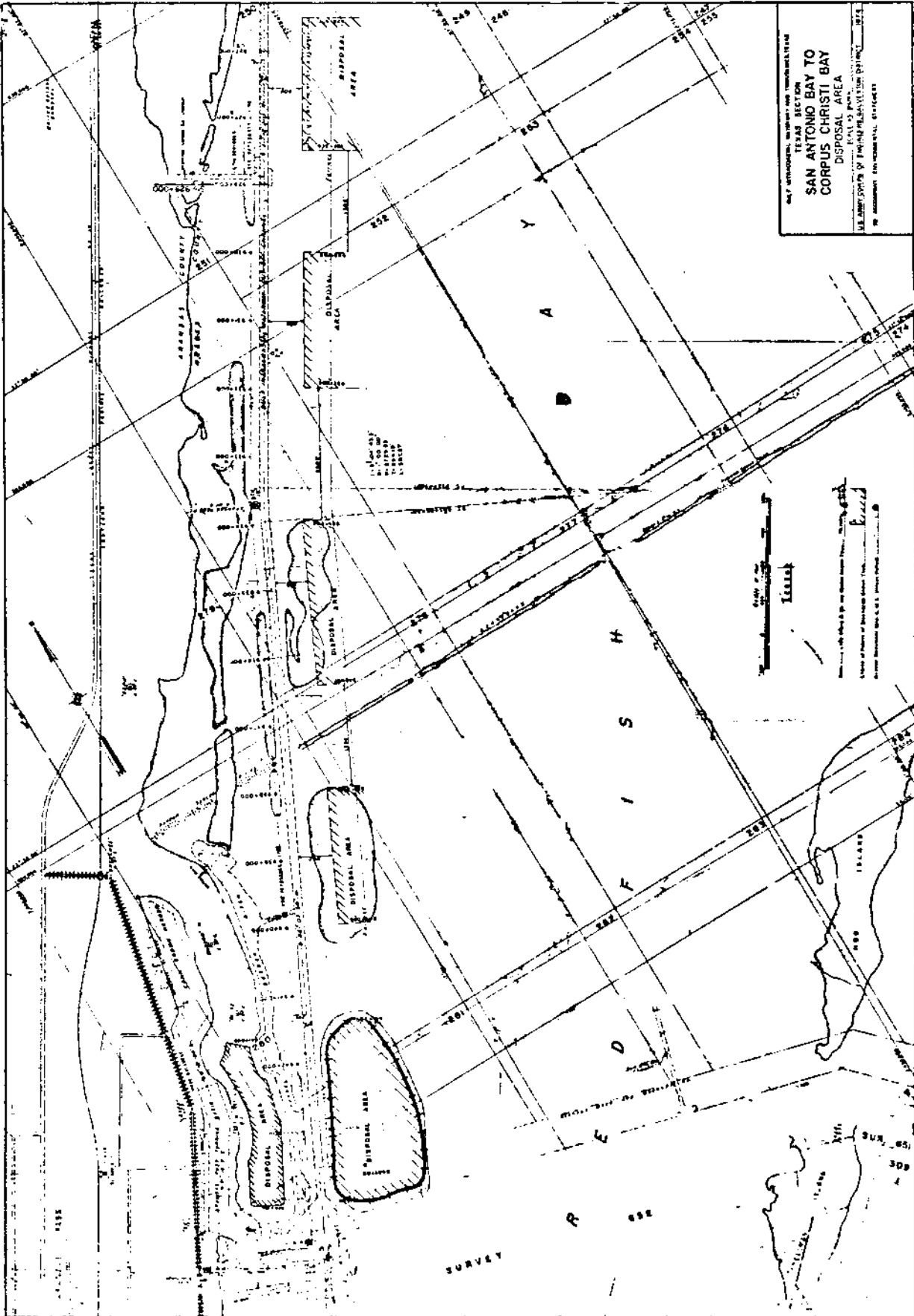


NOT A CONTRACT DOCUMENT  
 TEXAS SECTION  
**SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA**  
 U.S. DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 REGIONAL OFFICE, HOUSTON, TEXAS  
 PROJECT NO. 68-01-001-001

SCALE  
 1" = 1 MILE  
 DATE: 1/15/68  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]

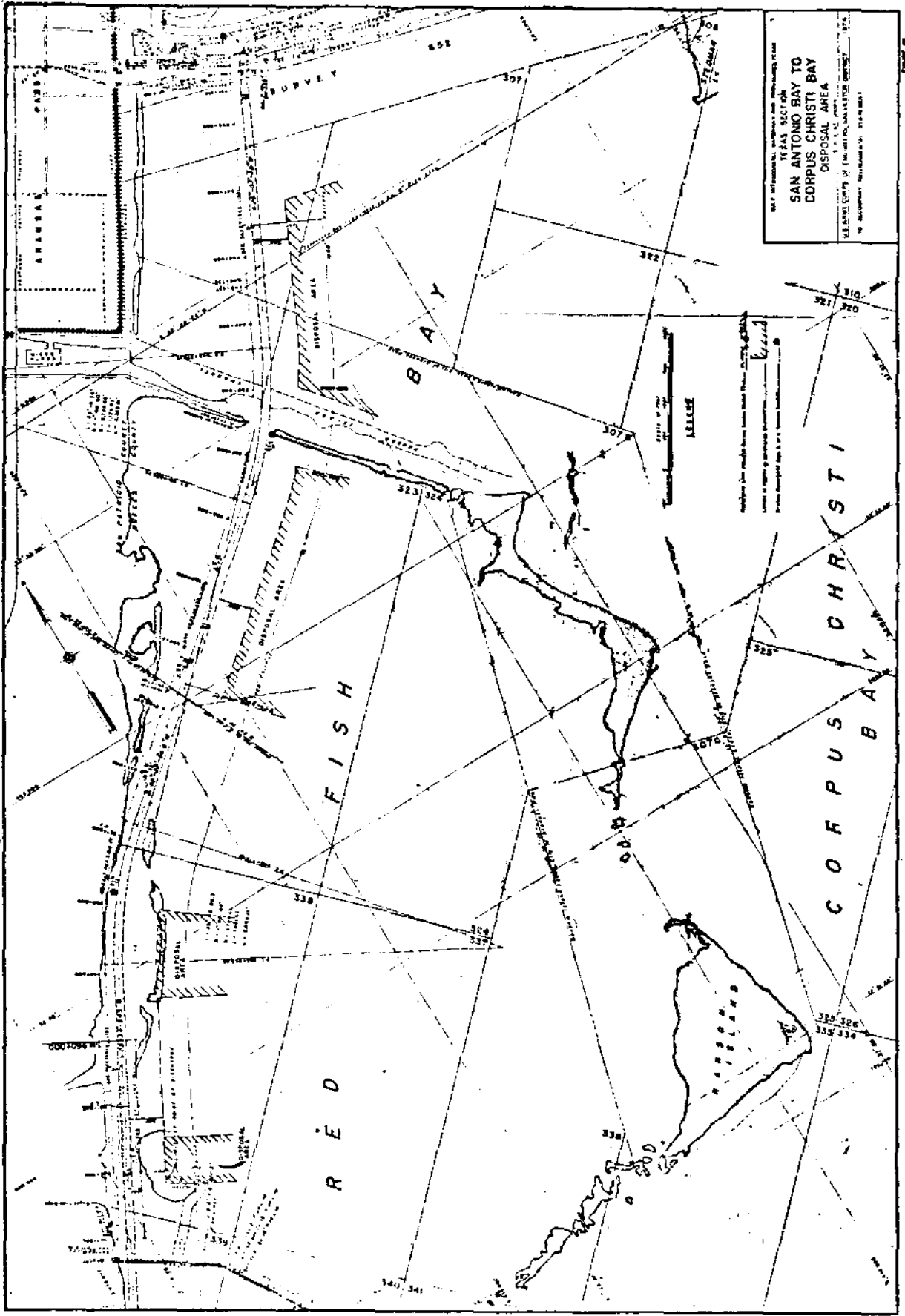


SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA  
 TEXAS SECTION  
 U.S. GEOLOGICAL SURVEY  
 WASHINGTON, D.C.



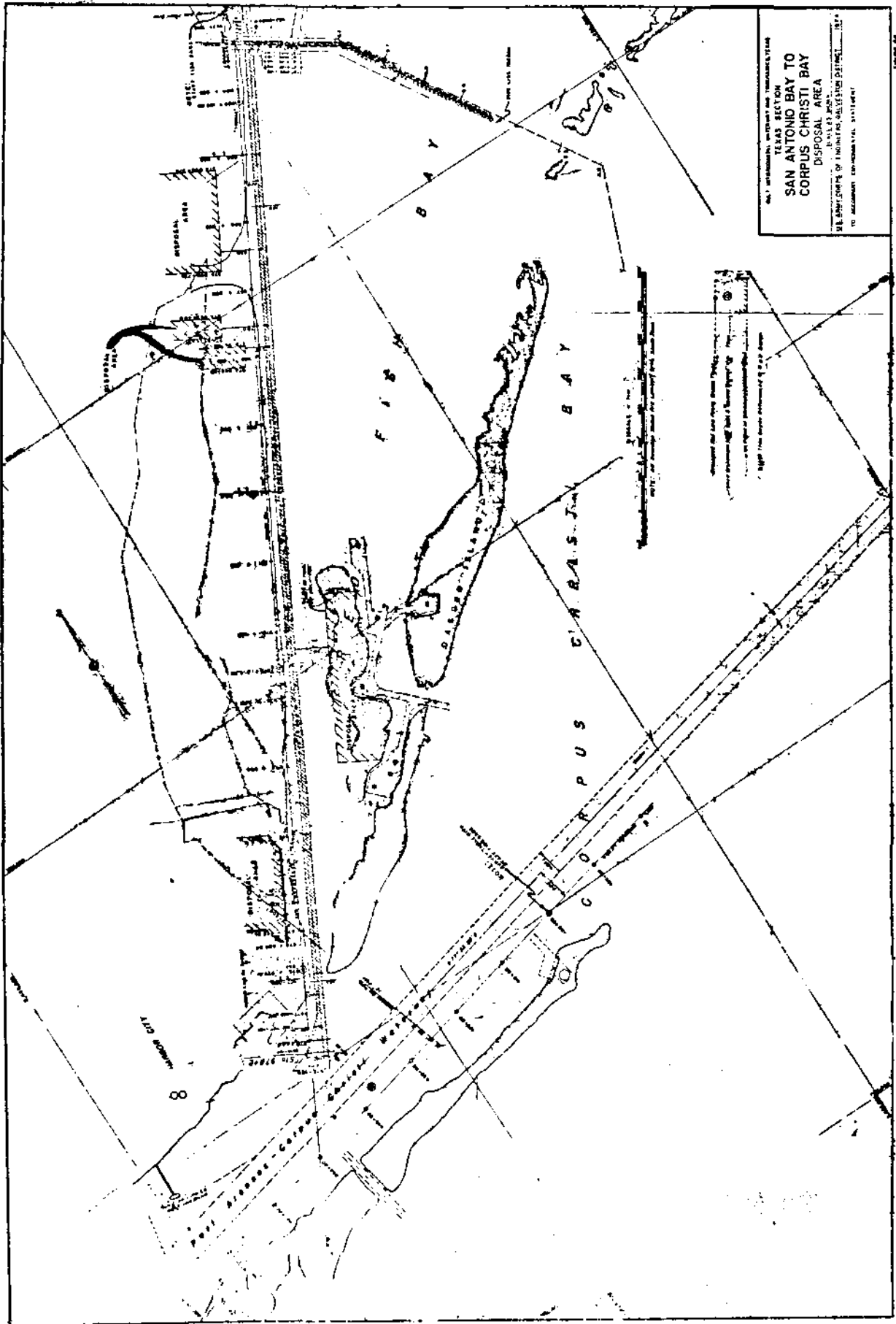
ALL INFORMATION, WHETHER OR NOT INDICATED  
 TEXAS SECTION  
**SAN ANTONIO BAY TO**  
**CORPUS CHRISTI BAY**  
 DISPOSAL AREA  
 (SCALE 1:50,000)  
 U.S. DEPARTMENT OF THE ARMY, WASHINGTON, D.C. 20315  
 PREPARED BY: ENVIRONMENTAL BRIGADE

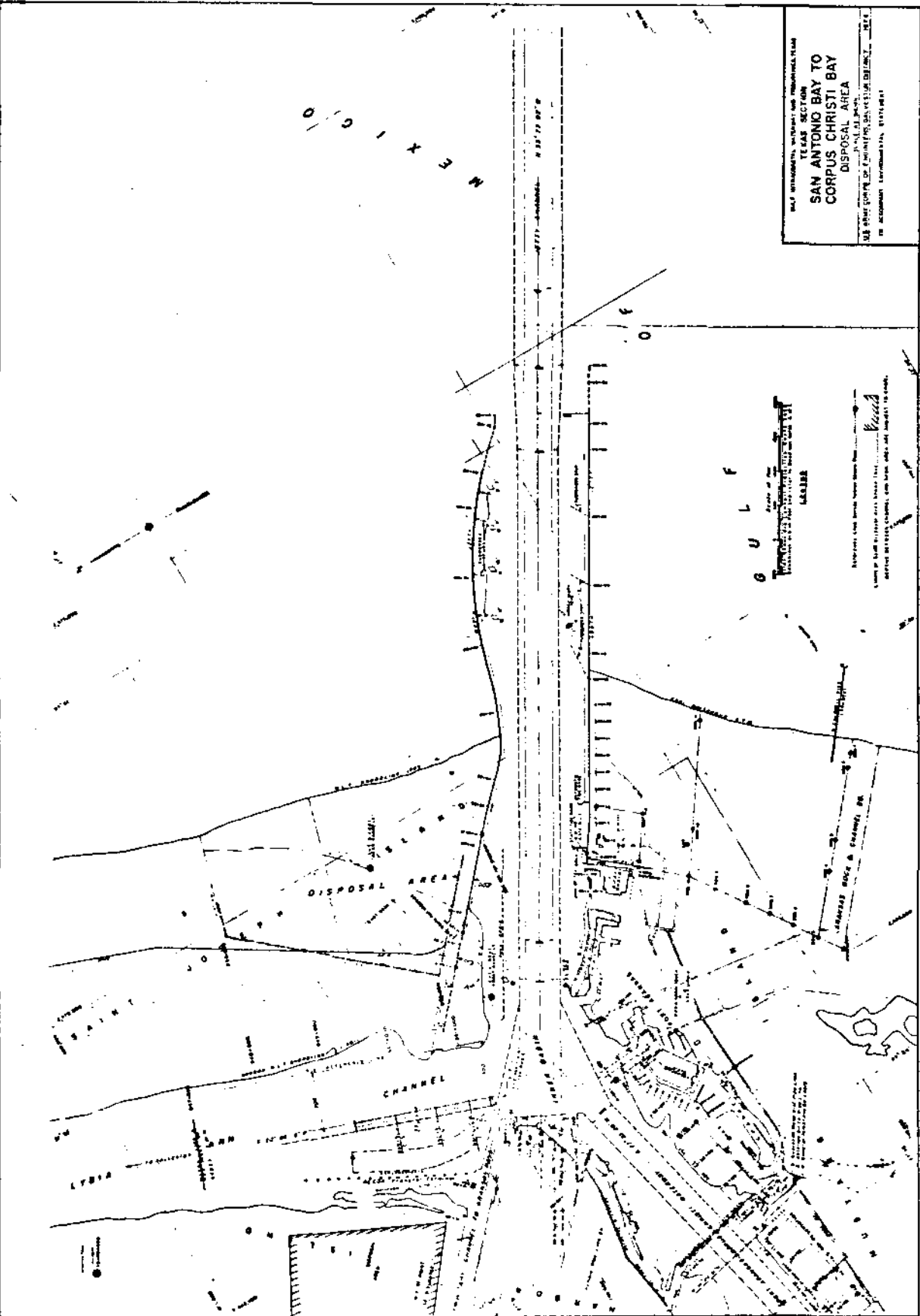
SCALE 1:50,000  
 1 INCH = 1 MILE  
 (Scale of map is not shown when the  
 number of feet of horizontal distance is  
 shown between two U.S. Survey Points)



NEAL SECTION  
SAN ANTONIO BAY TO  
CORPUS CHRISTI BAY  
DISPOSAL AREA  
1964

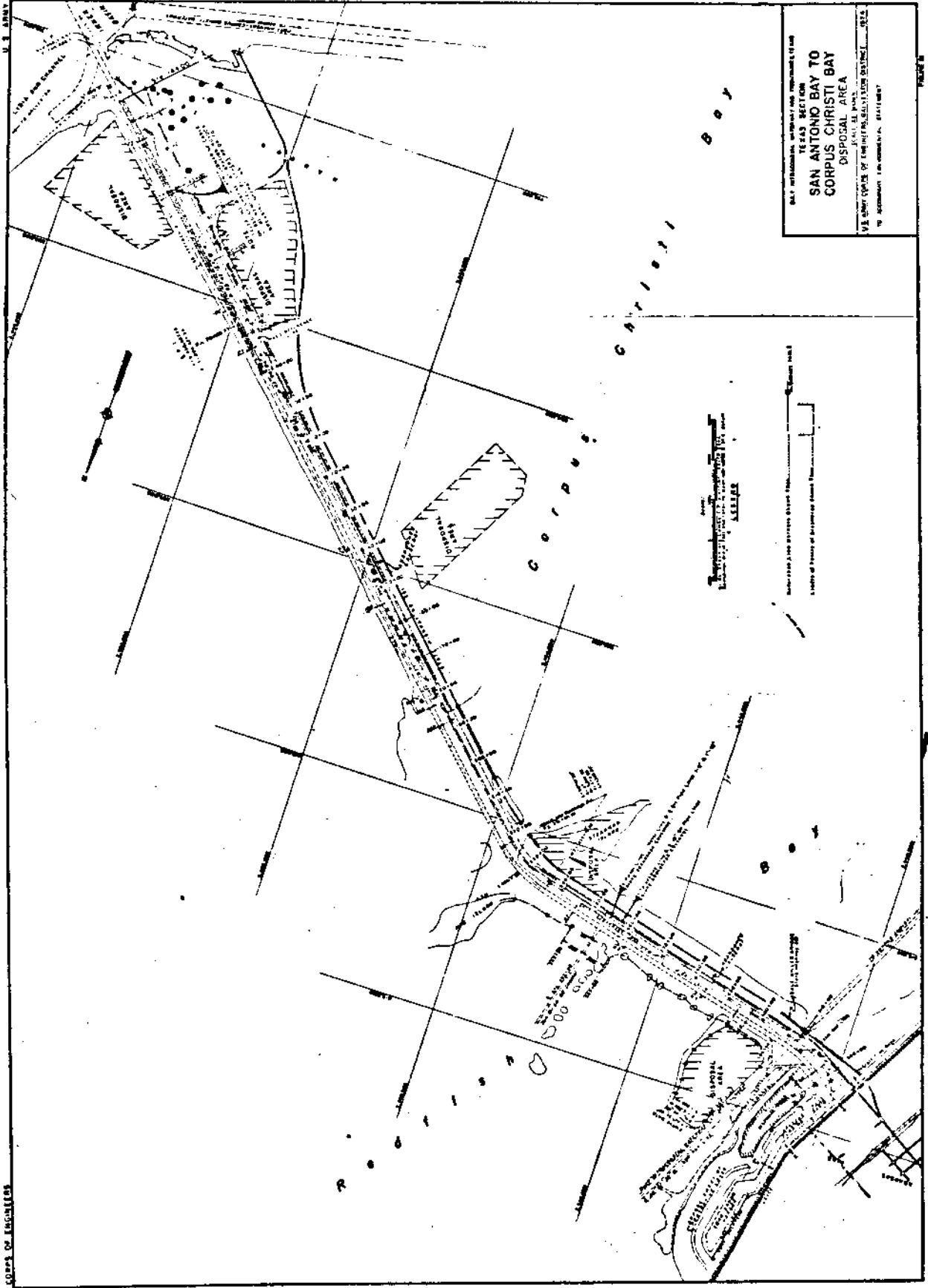
Scale of 1" = 1000'  
North Arrow





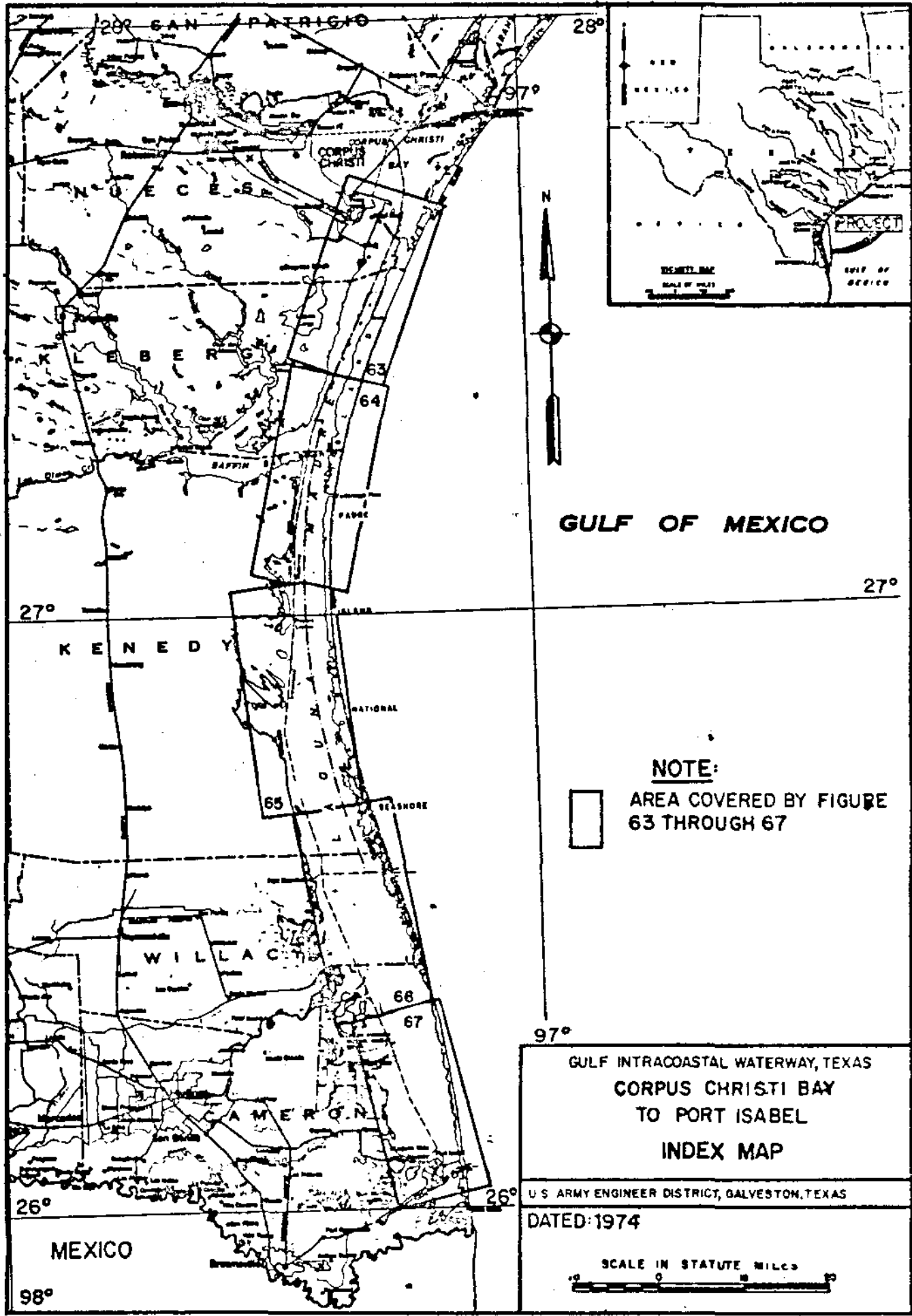
SCALE WITH DIMENSIONS, UNITS AND DIMENSIONS, PLAN  
 TEXAS SECTION  
**SAN ANTONIO BAY TO  
 CORPUS CHRISTI BAY  
 DISPOSAL AREA**  
 SHEET NO. 1001 OF 1001 SHEETS  
 IN ACCORDANCE WITH THE ACT OF MARCH 3, 1879, CH. 108





U.S. ARMY  
ENGINEERING DISTRICT OFFICE  
SAN ANTONIO, TEXAS  
SAN ANTONIO BAY TO  
CORPUS CHRISTI BAY  
DISPOSAL AREA  
SCALE AS SHOWN  
U.S. GOVERNMENT PRINTING OFFICE: 1952  
70 480000-1-1000000-1000000-1000000

Sheet of 10 sheets



**GULF OF MEXICO**

**NOTE:**

AREA COVERED BY FIGURE  
 63 THROUGH 67

**GULF INTRACOASTAL WATERWAY, TEXAS  
 CORPUS CHRISTI BAY  
 TO PORT ISABEL  
 INDEX MAP**

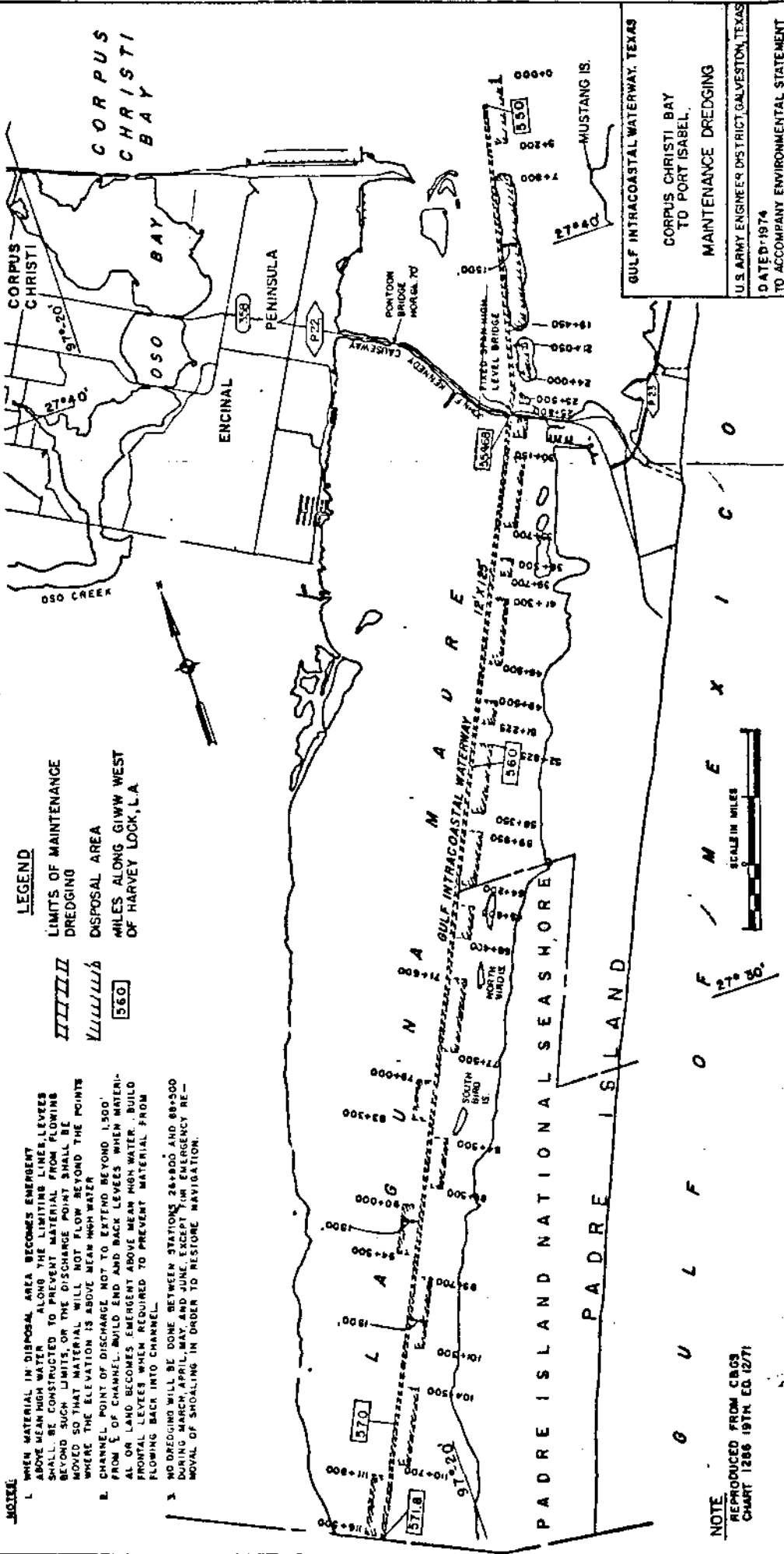
U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS

DATED: 1974

SCALE IN STATUTE MILES



**FIGURE 62**



**LEGEND**

- LIMITS OF MAINTENANCE DREDGING
- DISPOSAL AREA
- MILES ALONG GIWW WEST OF HARVEY LOCK, L.A.

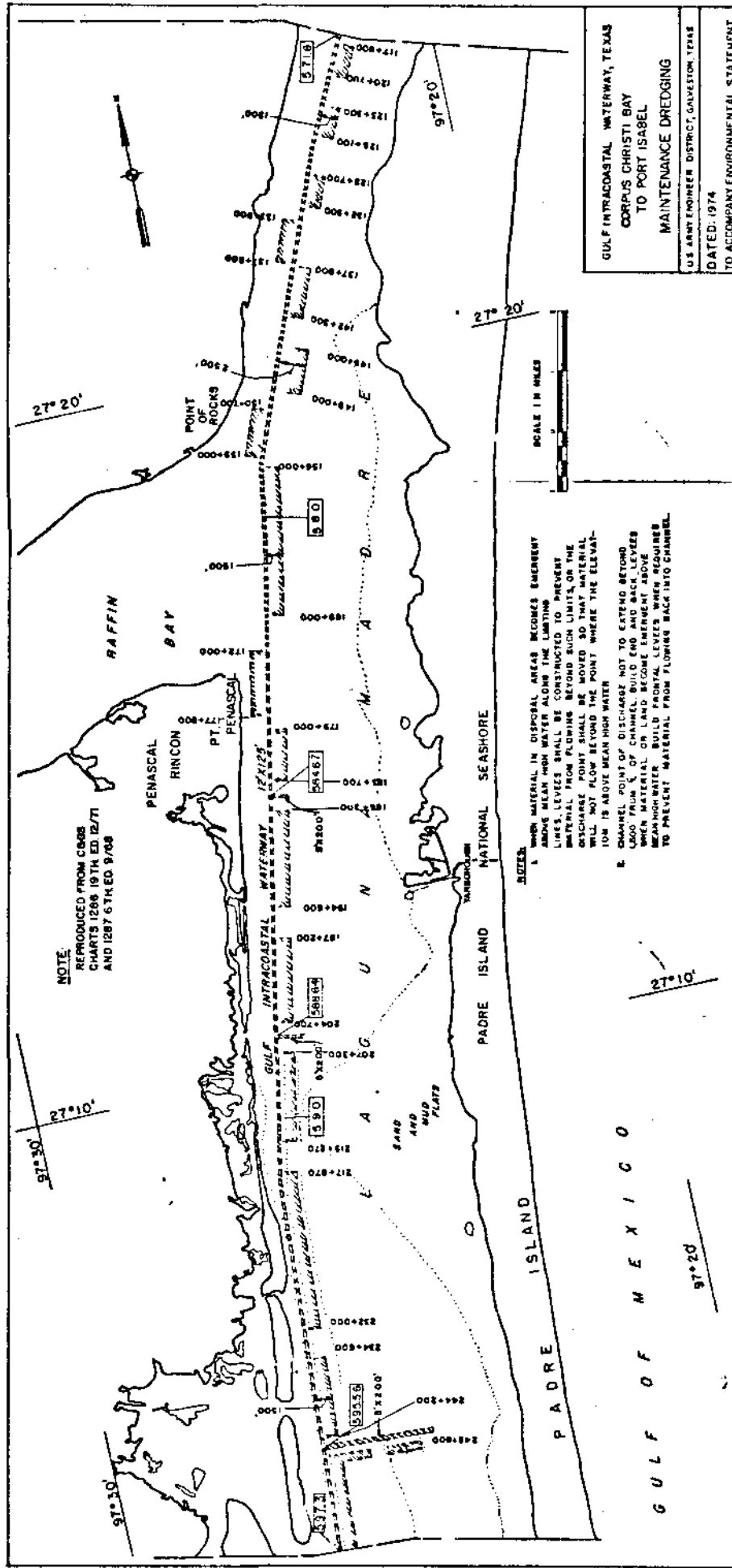
**NOTE:**

1. WHEN MATERIAL IN DISPOSAL AREA BECOMES EMERGENCY ABOVE MEAN HIGH WATER, ALONG THE LIMITING LINES, LEVEES SHALL BE CONSTRUCTED TO PREVENT MATERIAL FROM FLOWING BEYOND SUCH LIMITS, OR THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE POINTS WHERE THE ELEVATION IS ABOVE MEAN HIGH WATER.
2. CHANNEL POINT OF DISCHARGE NOT TO EXTEND BEYOND 1,500' FROM E. OF CHANNEL. BUILD END AND BACK LEVEES WHEN MATERIAL OR LAND BECOMES EMERGENCY ABOVE MEAN HIGH WATER. BUILD FRONTAL LEVEES WHEN REQUIRED TO PREVENT MATERIAL FROM FLOWING BACK INTO CHANNEL.
3. NO DREDGING WILL BE DONE BETWEEN STATIONS 24+000 AND 28+000 DURING MARCH, APRIL, MAY AND JUNE EXCEPT IN EMERGENCY REMOVAL OF SHOALING IN ORDER TO RESTORE NAVIGATION.

GULF INTRACOASTAL WATERWAY, TEXAS  
 CORPUS CHRISTI BAY  
 TO PORT ISABEL,  
 MAINTENANCE DREDGING  
 U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS  
 DATE: 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

**NOTE**  
 REPRODUCED FROM CS-69  
 CHART 1286 (1974, ED. 1271)

FIGURE 63



NOTE:  
 REPRODUCED FROM C&GS  
 CHARTS 1286 1914 ED. 12/71  
 AND 1287 6TH ED. 9/68

GULF INTRACOASTAL WATERWAY, TEXAS  
 CORPUS CHRISTI BAY  
 TO PORT ISABEL  
 MAINTENANCE DREDGING  
 U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS  
 DATED: 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

- SIZES
- A. WHEN MATERIAL IN DISPOSAL AREAS BECOMES EMERGENT DURING HIGH WATER ALONG THE LIMITING LEVEE HEIGHTS, IT SHALL BE CONSIDERED TO BE MATERIAL FROM THE DISPOSAL UNIT, AND THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE POINT WHERE THE ELEVATION IS ABOVE MEAN HIGH WATER.
  - B. CHANNEL POINT OF DISCHARGE NOT TO EXTEND BEYOND 1000 FEET FROM END OF CHANNEL, BUILD END AND BACK LEVEES WHEN MATERIAL ON LAND BECOMES EMERGENT ABOVE MEAN HIGH WATER. BUILD FRONTAL LEVEES WHEN REQUIRED TO PREVENT MATERIAL FROM FLOWING BACK INTO CHANNEL.

GULF OF MEXICO

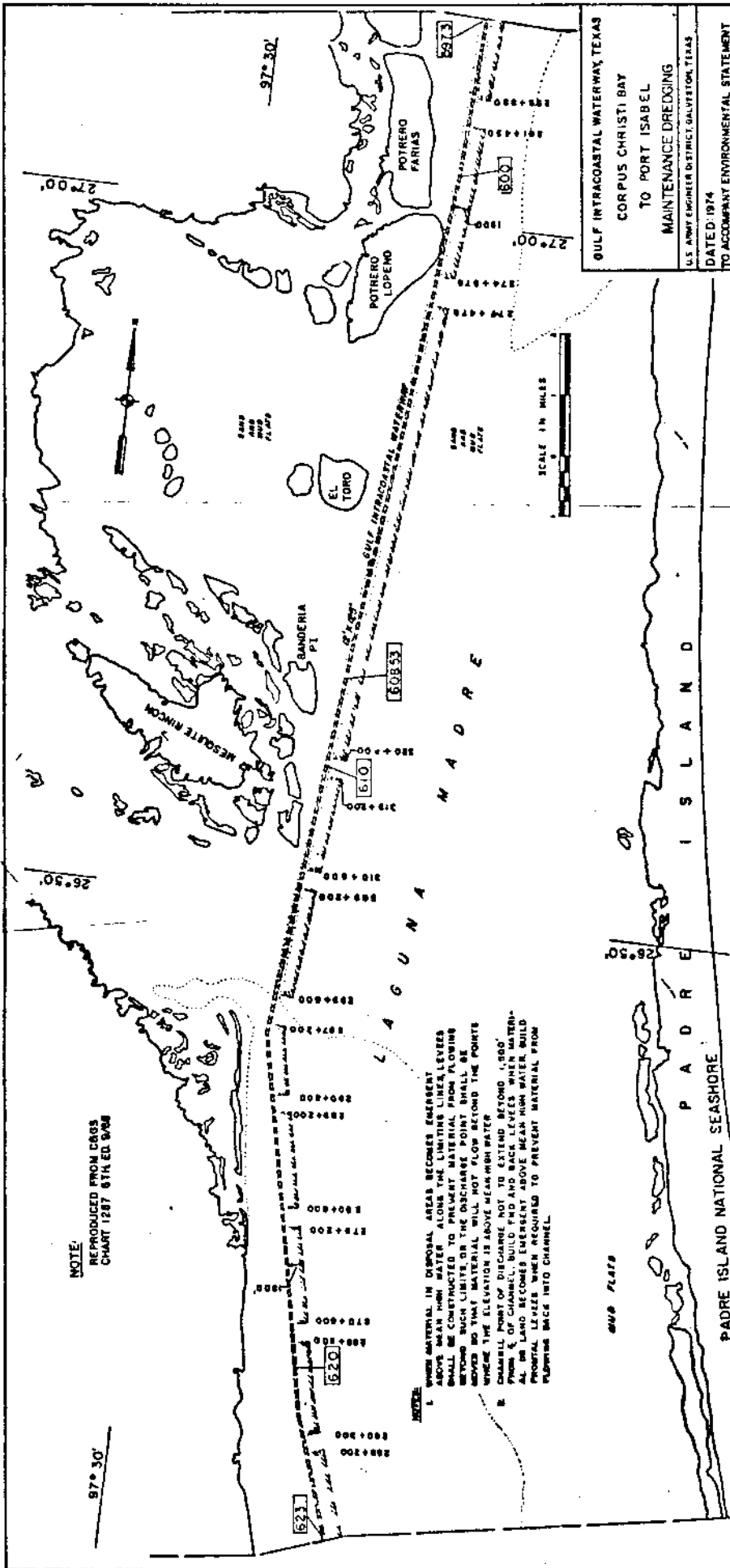
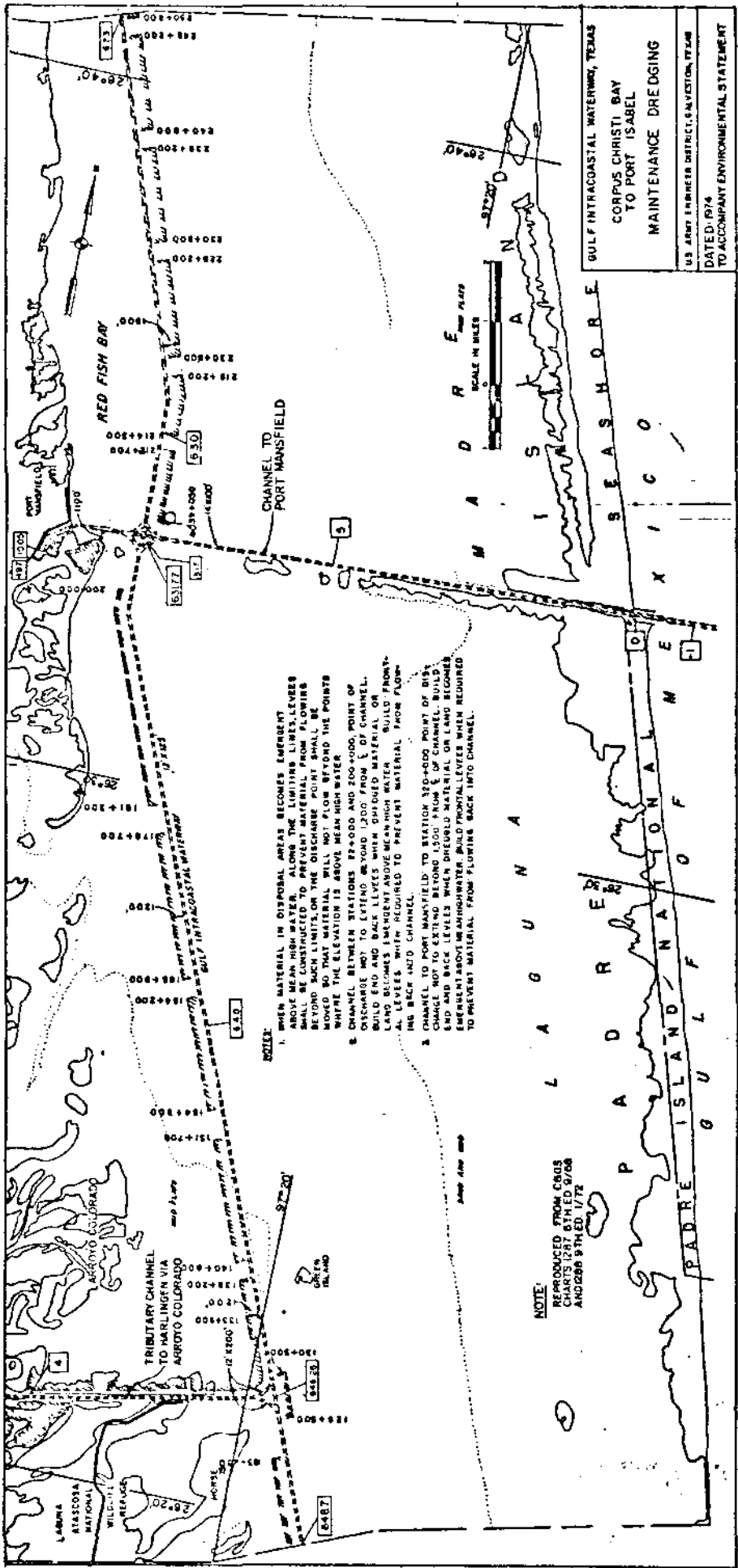


FIGURE 65



**NOTES:**

1. WHEN MATERIAL IN DISPOSAL AREAS BECOMES EMERGENT ABOVE MEAN HIGH WATER, ALONG THE LIMITING LIMES, LEVELS SHALL BE CONSTRUCTED TO PREVENT MATERIAL FROM FLOWING BEYOND SUCH LIMITS, OR THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE POINTS WHERE THE ELEVATION IS ABOVE MEAN HIGH WATER.
2. CHANNEL BETWEEN STATIONS 22+000 AND 200+000, POINT OF DISCHARGE NOT TO EXTEND BEYOND 1200 FROM E OF CHANNEL. BUILD END AND BACK LEVELS WHEN OPENED MATERIAL ON FRONTS. END AND BACK LEVELS SHALL BE CONSTRUCTED TO PREVENT MATERIAL FROM FLOWING BEYOND SUCH LIMITS, OR THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE POINTS WHERE THE ELEVATION IS ABOVE MEAN HIGH WATER.
3. CHANNEL TO PORT MANSFIELD, TO STATION 320+000 POINT OF DISCHARGE NOT TO EXTEND BEYOND 1500 FROM E OF CHANNEL. BUILD END AND BACK LEVELS WHEN DREDGED MATERIAL OR LAND BECOMES EMERGENT ABOVE MEAN HIGH WATER. BUILD FRONTAL LEVELS WHEN REQUIRED TO PREVENT MATERIAL FROM FLOWING BACK INTO CHANNEL.

**NOTE:**  
 DATA DERIVED FROM CROSS  
 SECTIONS BY CHAS. J. BERRY  
 AND OTHERS DATED 1/72

GULF INTRACOASTAL WATERWAY, TEXAS  
 CORPUS CHRISTI BAY  
 TO PORT ISABEL  
 MAINTENANCE DREDGING  
 U.S. ARMY ENGINEER DISTRICT, SAN ANTONIO, TEXAS  
 DATED: 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

FIGURE 66

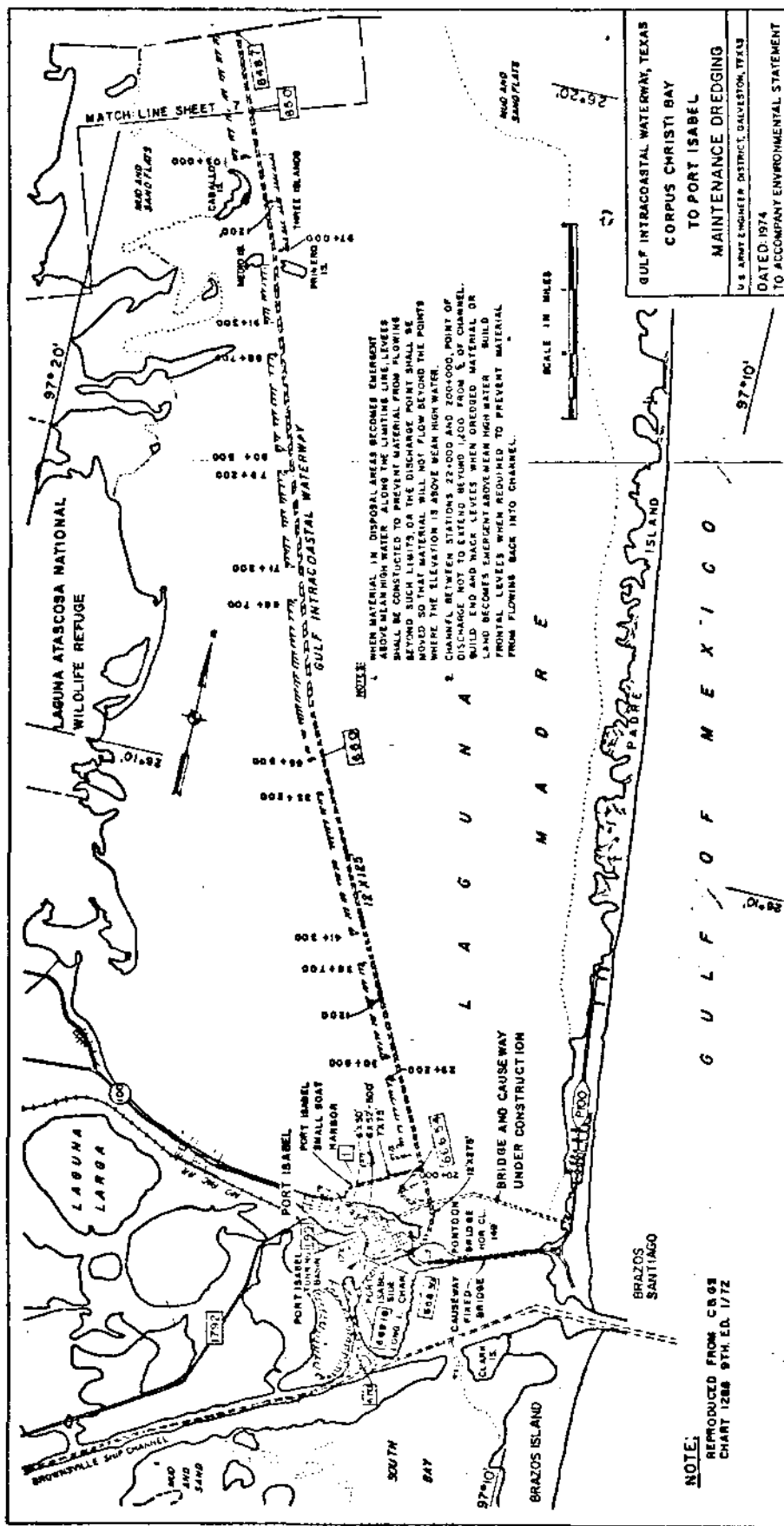
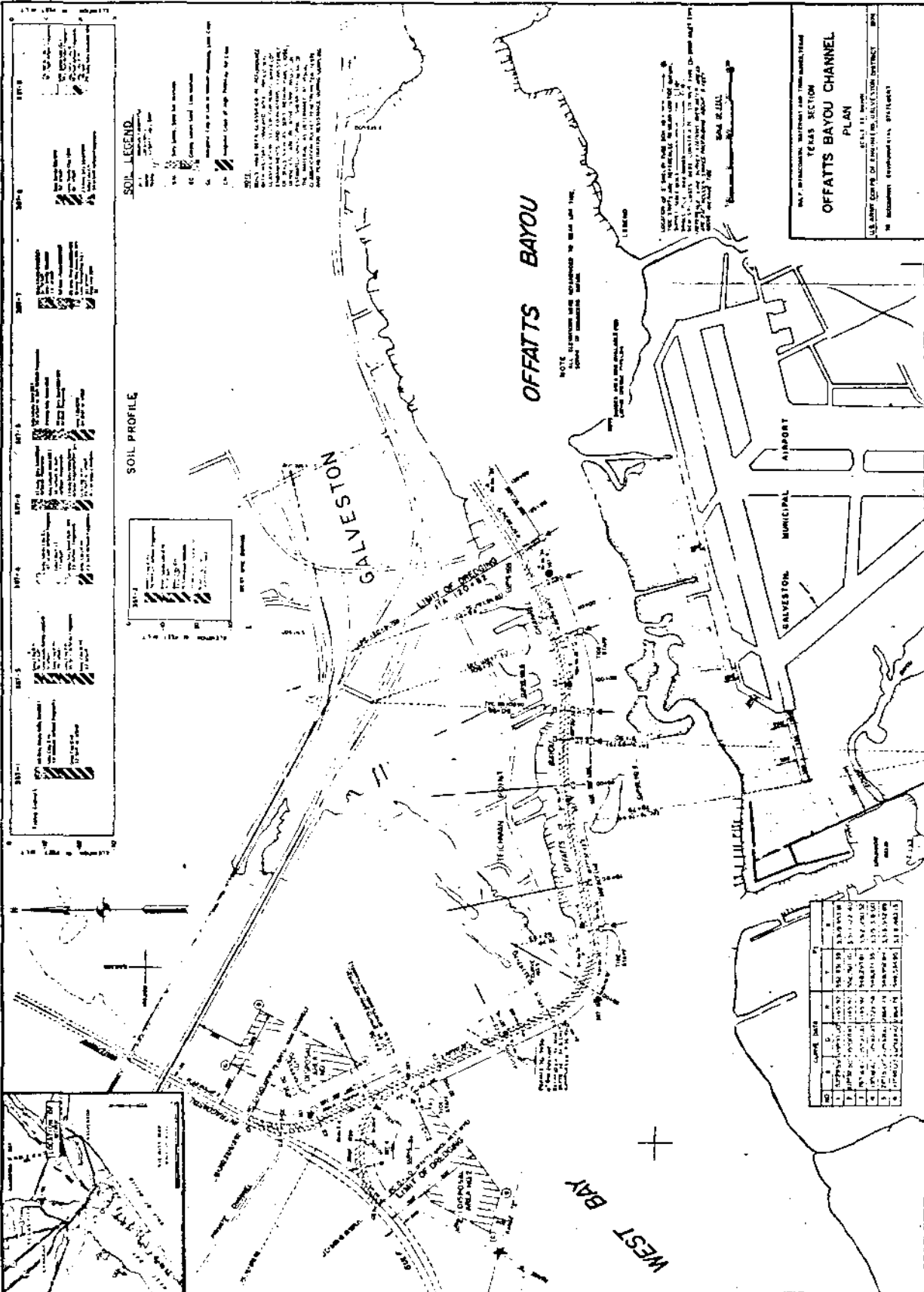


FIGURE 67



**SOIL PROFILE**

SOIL TYPE	DESCRIPTION
MPT-1	...
MPT-2	...
MPT-3	...
MPT-4	...
MPT-5	...
MPT-6	...
MPT-7	...
MPT-8	...

**SOIL LEGEND**

1. ...  
 2. ...  
 3. ...  
 4. ...  
 5. ...  
 6. ...  
 7. ...  
 8. ...

U.S. ARMY CORPS OF ENGINEERS  
 TEXAS SECTION  
**OFFATTS BAYOU CHANNEL**  
 PLAN  
 SHEET NO. ...  
 U.S. ARMY CORPS OF ENGINEERS (REGULATION DISTRICT) DISTRICT NO. ...  
 REVISIONS

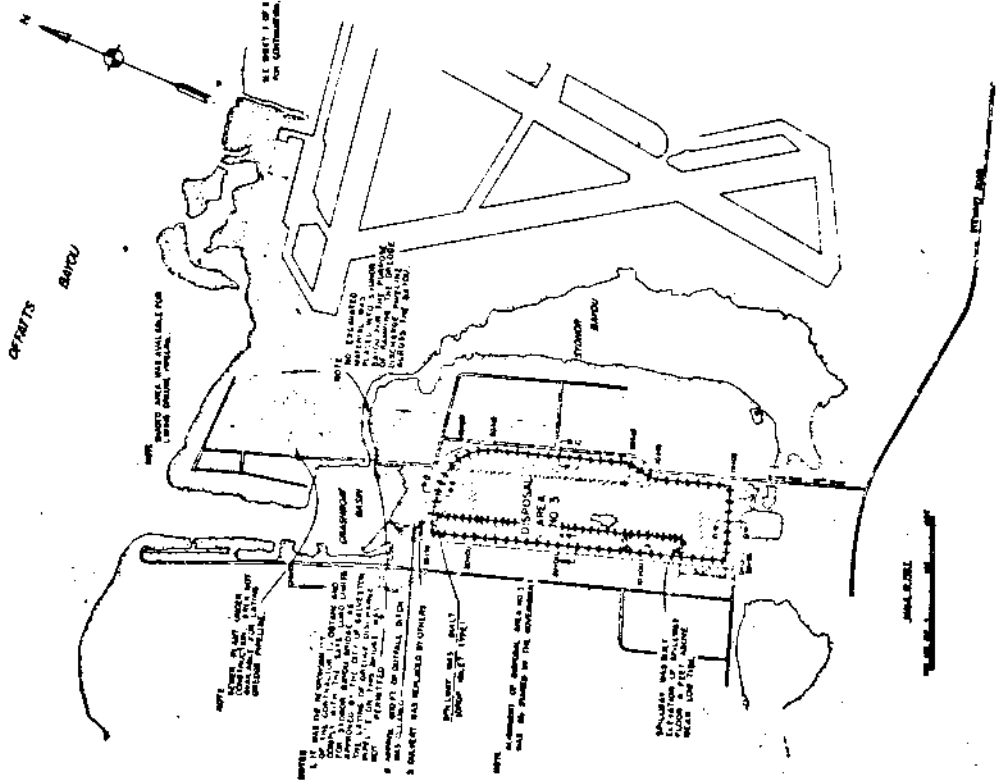
**REVISIONS**

NO.	DATE	DESCRIPTION
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...



GALT INSTRUMENTAL, WATERWAY AND TRANSPORTATION  
 TEXAS SECTION  
**OFFATTS BAYOU CHANNEL**  
 PLAN  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT 874  
 PROJECT ENVIRONMENTAL STATEMENT

PLATE 68



DISPOSAL AREA NO. 3

OFFATTS BAYOU  
 N  
 ALL SHEET 1 OF 2  
 FOR CONTINUATION

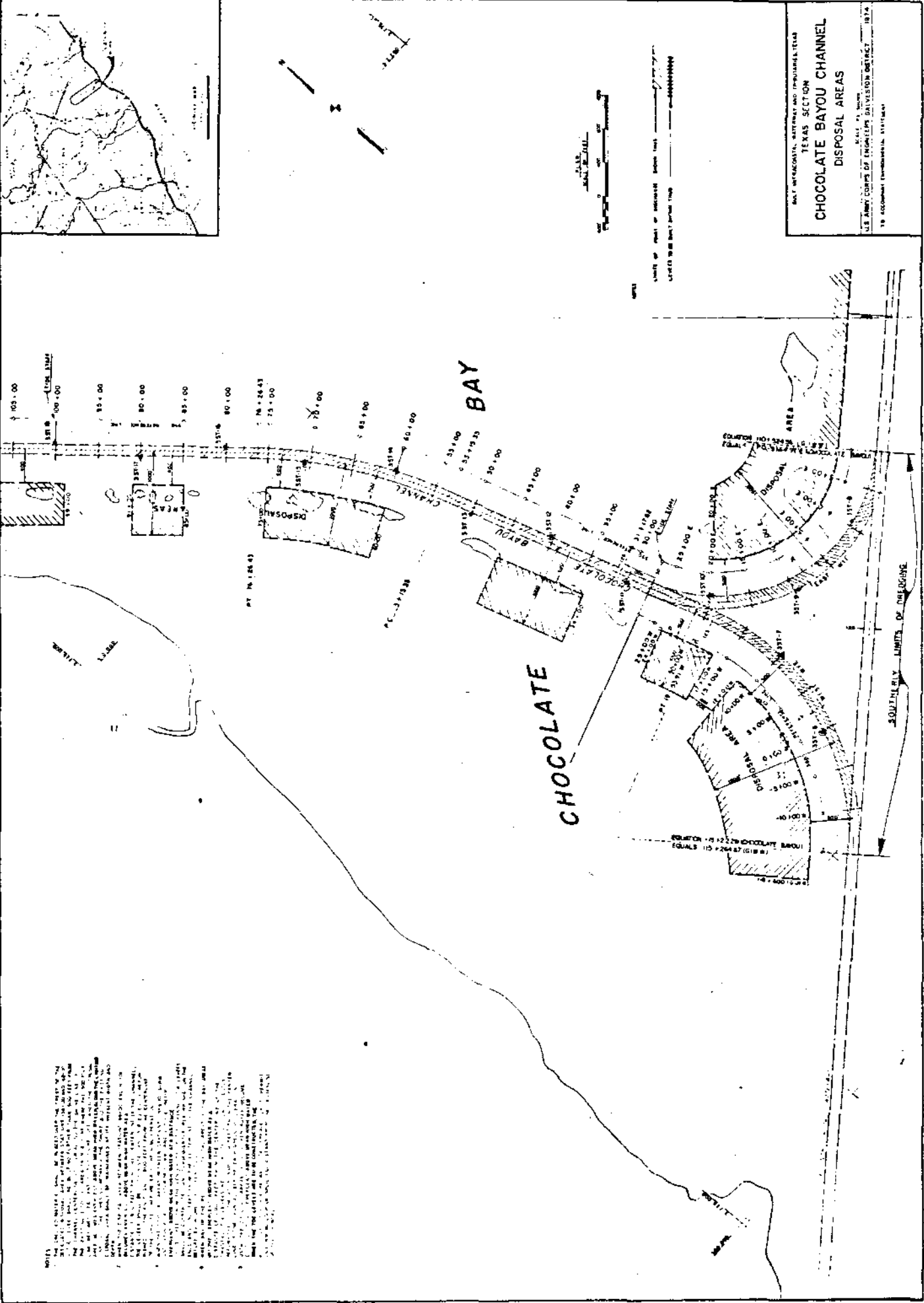
THIS REPORT AND ALL INFORMATION CONTAINED THEREIN ARE UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

NOTES:  
 1. THIS CHANNEL WAS CONSTRUCTED AND MAINTAINED BY THE U.S. ARMY CORPS OF ENGINEERS FROM 1910 TO 1960.  
 2. THE CHANNEL WAS ABANDONED IN 1960 AND HAS SINCE BEEN RECLAIMED BY NATURE.  
 3. THIS CHANNEL WAS RECLAIMED BY NATURE.  
 4. THE CHANNEL WAS RECLAIMED BY NATURE.  
 5. THE CHANNEL WAS RECLAIMED BY NATURE.  
 6. THE CHANNEL WAS RECLAIMED BY NATURE.  
 7. THE CHANNEL WAS RECLAIMED BY NATURE.  
 8. THE CHANNEL WAS RECLAIMED BY NATURE.

100 FEET  
 100 FEET  
 100 FEET  
 100 FEET

THIS CHANNEL WAS RECLAIMED BY NATURE.

NOTE: THE CHANNEL, BAY, AND DISPOSAL AREAS SHOWN ON THIS MAP ARE THE RESULT OF A SURVEY MADE IN 1954 BY THE U.S. ARMY CORPS OF ENGINEERS, TEXAS SECTION, HOUSTON DISTRICT. THE CHANNEL AND BAY ARE SHOWN AS THEY WERE AT THAT TIME. THE DISPOSAL AREAS ARE SHOWN AS THEY WERE AT THAT TIME. THE CHANNEL AND BAY ARE SHOWN AS THEY WERE AT THAT TIME. THE DISPOSAL AREAS ARE SHOWN AS THEY WERE AT THAT TIME.

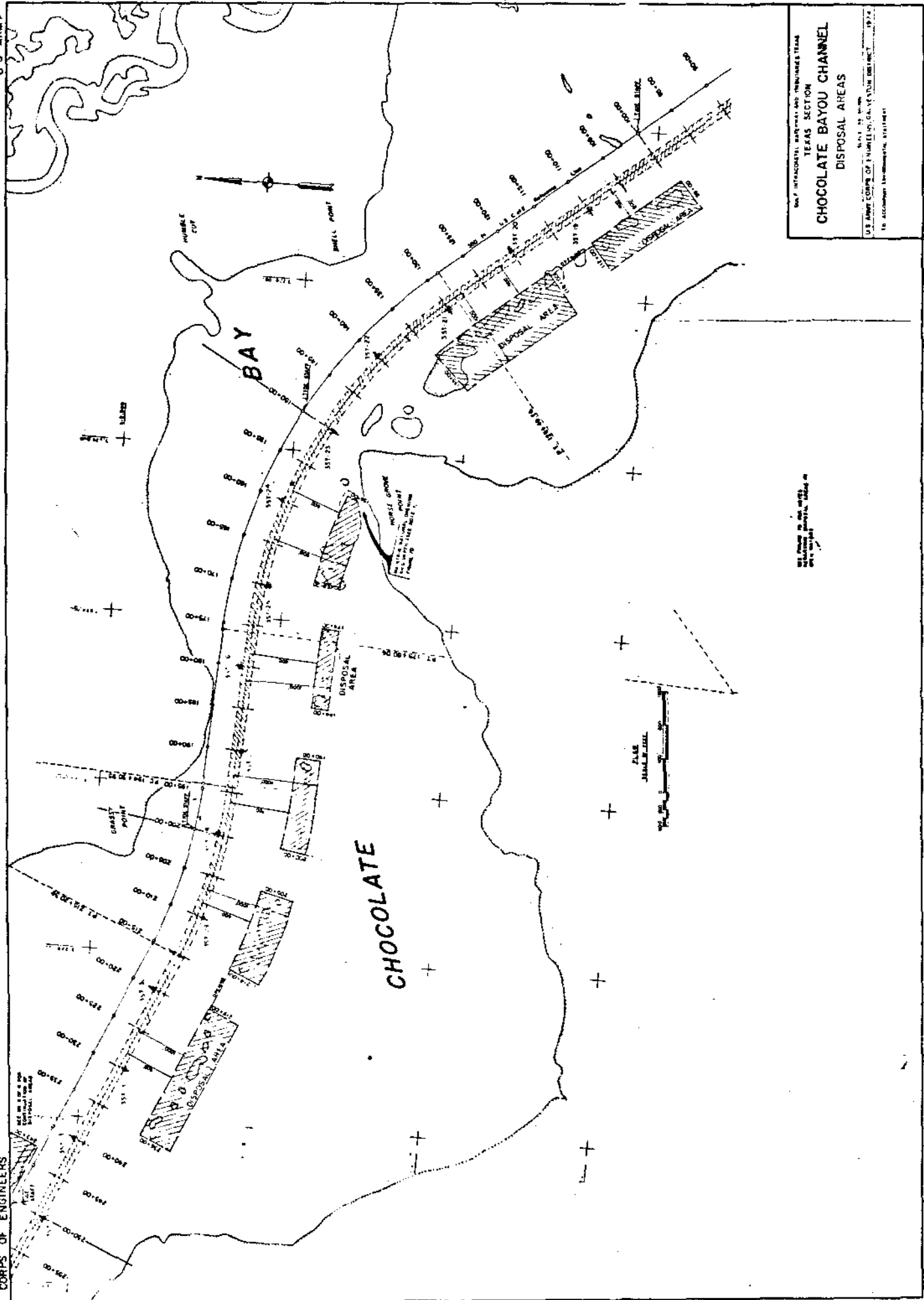


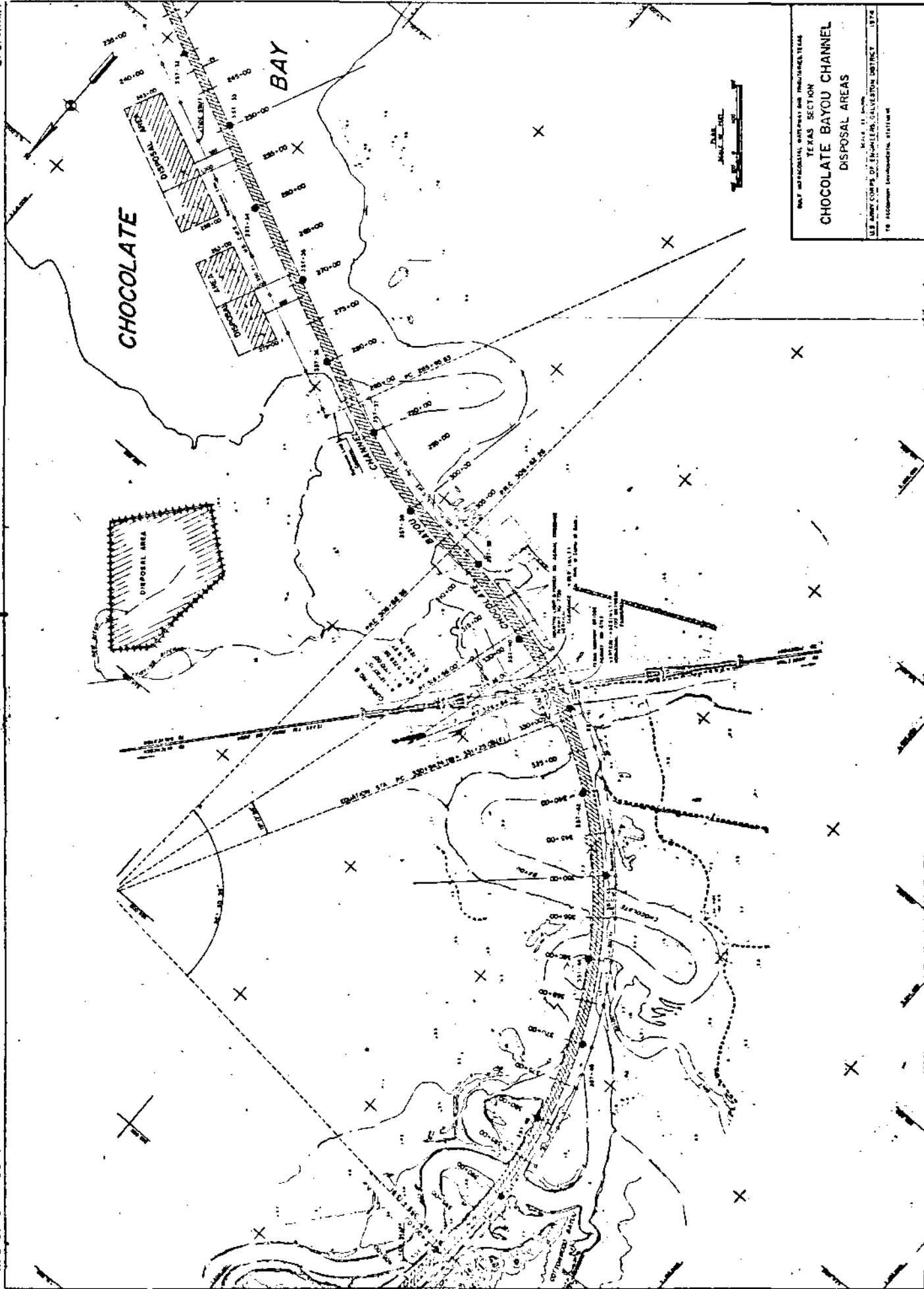
SOIL MECHANICAL, SURVEYING AND ENGINEERING  
 TEXAS SECTION  
**CHOCOLATE BAYOU CHANNEL  
 DISPOSAL AREAS**  
 SCALE: 1" = 100'  
 U.S. ARMY CORPS OF ENGINEERS, HOUSTON DISTRICT  
 19 54 (REVISED)

NAVY INFRASTRUCTURE BARRIAGE AND TERMINAL TEAM  
 TEXAS SECTION  
**CHOCOLATE BAYOU CHANNEL**  
 DISPOSAL AREAS

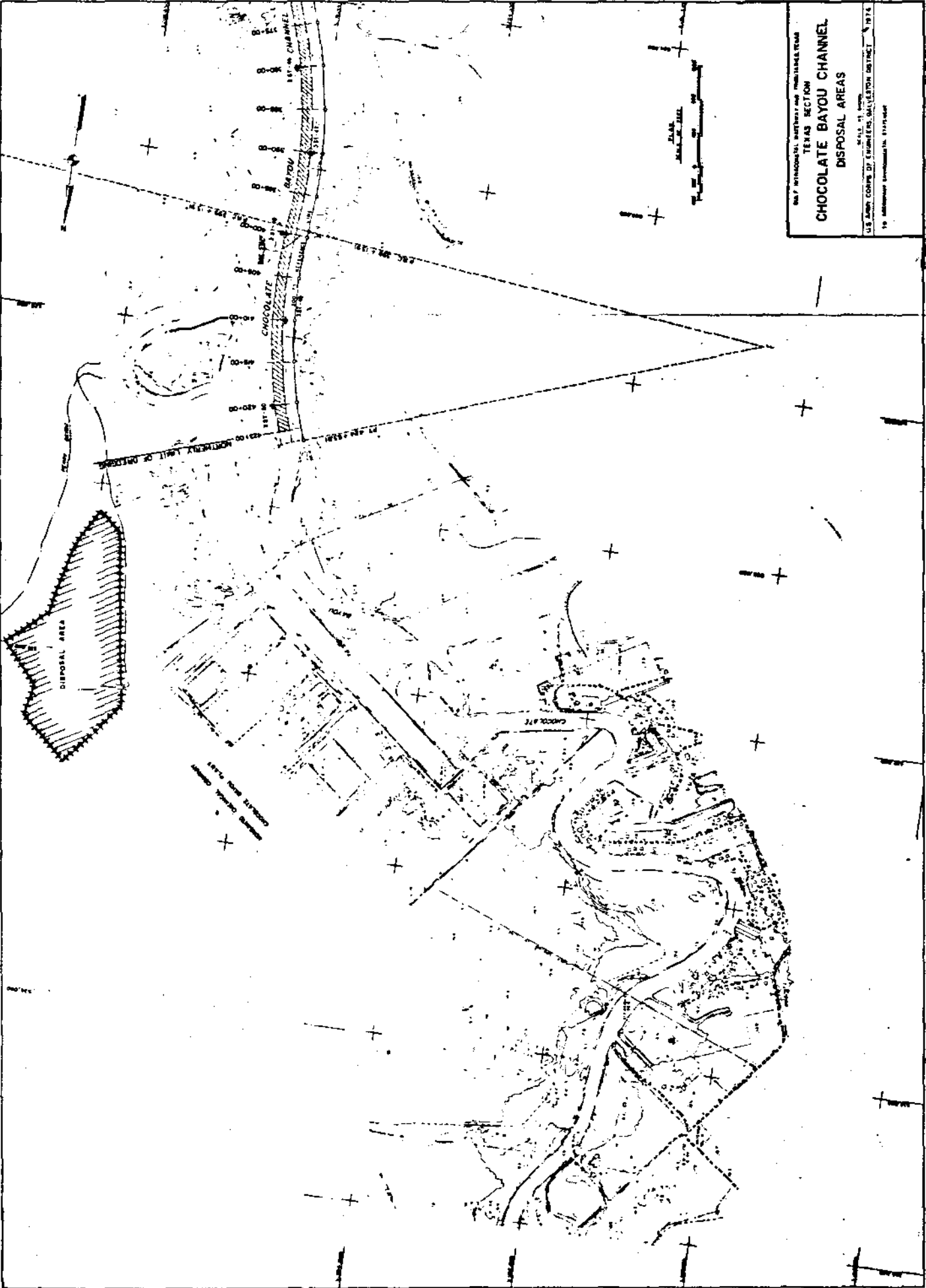
SEE DRAWING 22-00-000-000  
 FOR LOCATION OF THIS DRAWING

SCALE: AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 15 OCTOBER 1964 (REVISED)

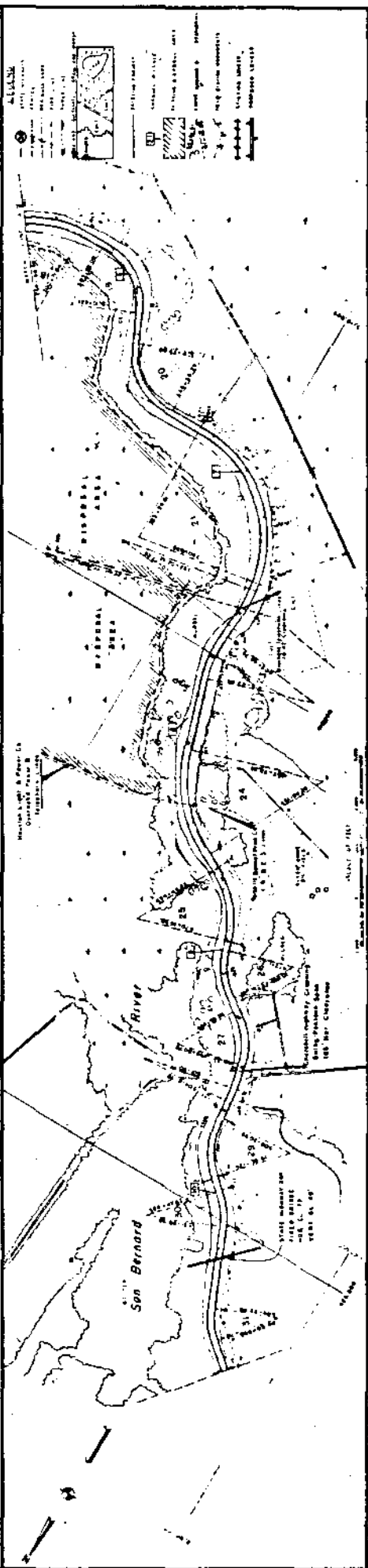
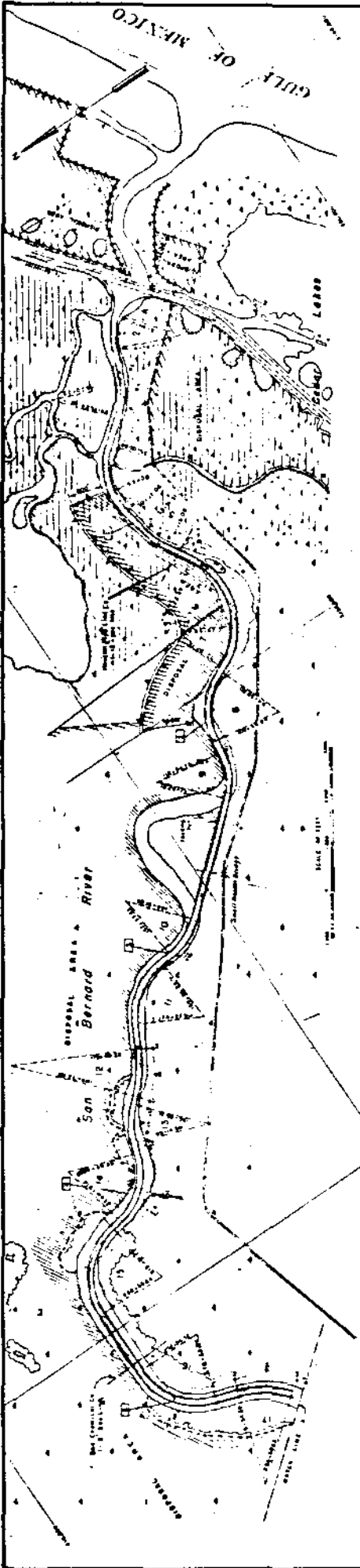




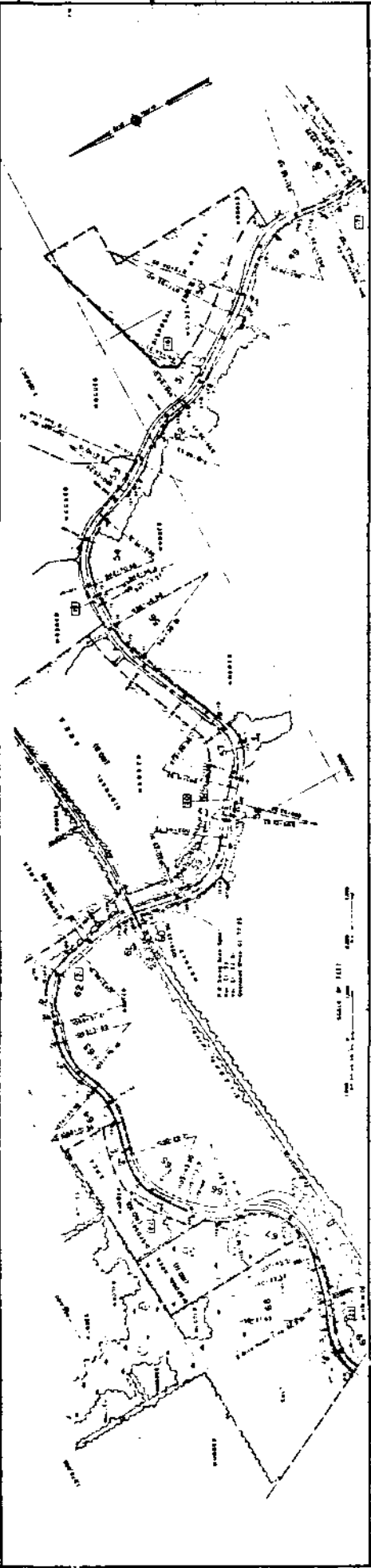
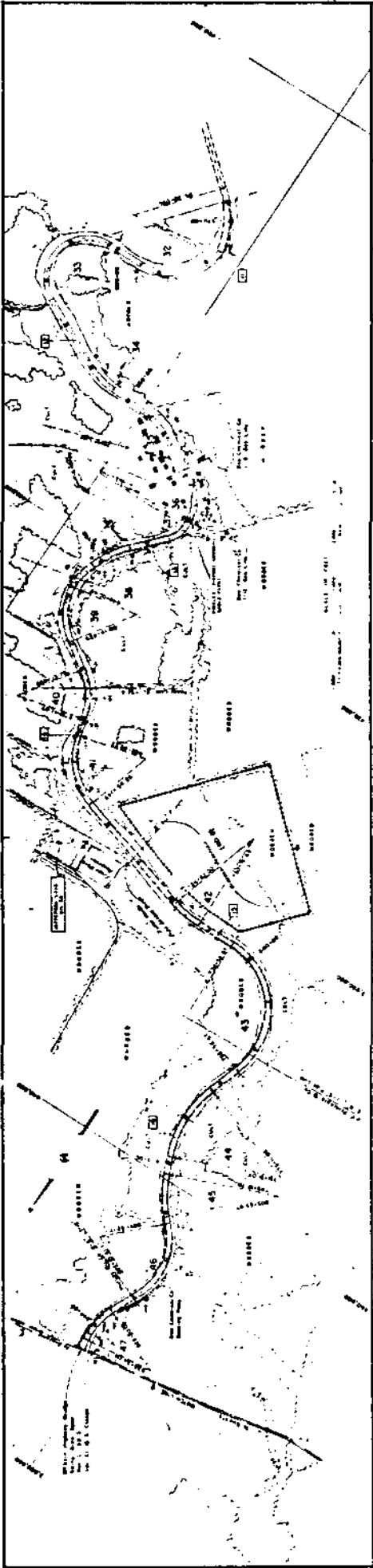
MAP OF CHOCOLATE BAYOU CHANNEL AND DISPOSAL AREAS  
 TEXAS SECTION  
**CHOCOLATE BAYOU CHANNEL  
 DISPOSAL AREAS**  
 SCALE: 1" = 1000'  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, 1974  
 THE ENGINEERING INFORMATION CENTER

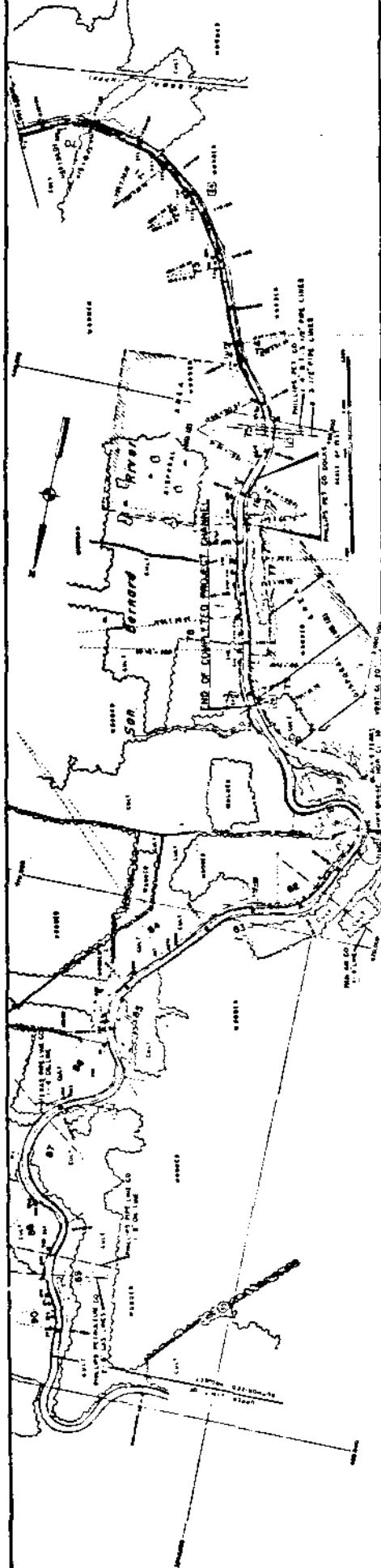


ONLY INSTRUMENTAL SURVEYS AND MEASUREMENTS  
 TEXAS SECTION  
**CHOCOLATE BAYOU CHANNEL**  
**DISPOSAL AREAS**  
 SCALE: AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, DALLAS DISTRICT, 1974  
 10. APPROVED FOR PUBLICATION: 11/19/74



GULF WINDFARM WASTEWATER AND IMPROVEMENTS  
 TEXAS SECTION  
**SAN BERNARD RIVER  
 DISPOSAL AREAS**  
 SCALE: 1" = 1000'  
 U.S. ARMY CORPS OF ENGINEERS, DALLAS DISTRICT  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

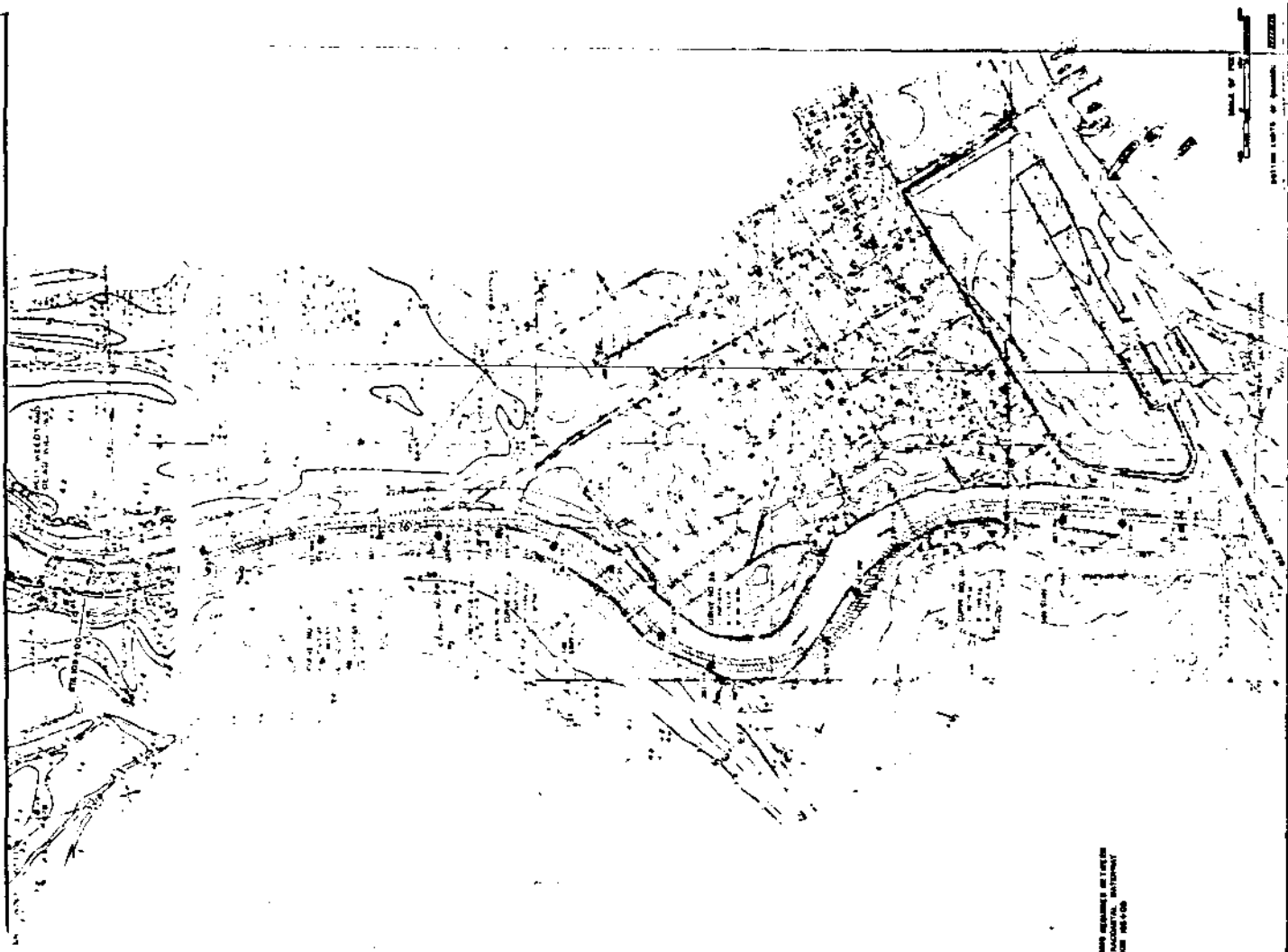




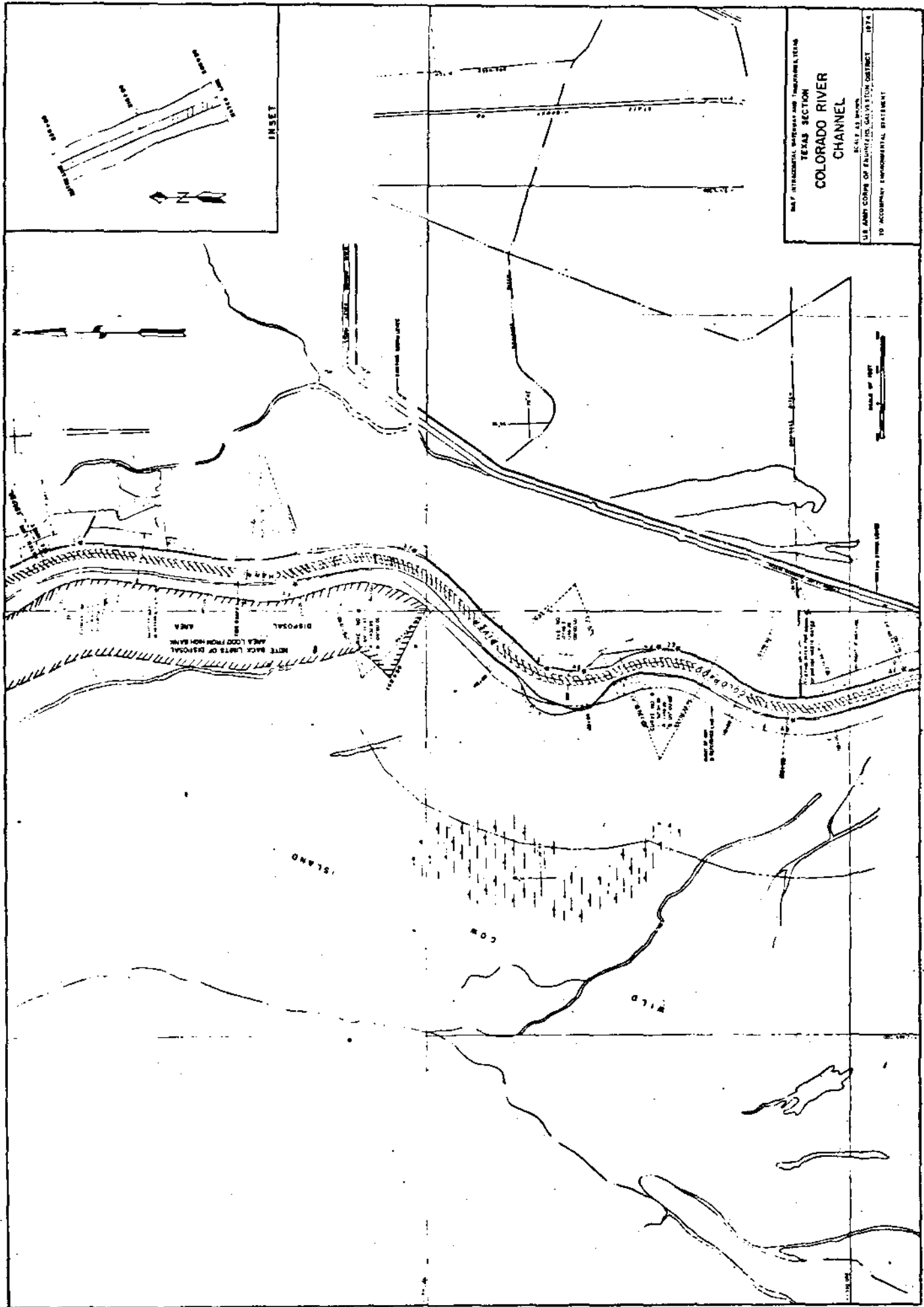
U.S. ENVIRONMENTAL AGENCY AND FORMERLY U.S. ARMY  
 TEXAS SECTION  
**SAN BERNARD RIVER  
 DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT, DETA  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



NAVY WATERSHED, WATERWAYS AND IMPROVEMENT TEAM  
TEXAS SECTION  
**COLORADO RIVER  
CHANNEL**  
SCALE AS SHOWN  
U.S. ARMY CORPS OF ENGINEERS, DIVISION DISTRICT 1874  
TE ACCOMPANY ENVIRONMENTAL STATEMENT



NO OTHER CHANNELS, WEIR, OR  
NAVY WATERSHED, WATERWAYS  
AND IMPROVEMENT TEAM

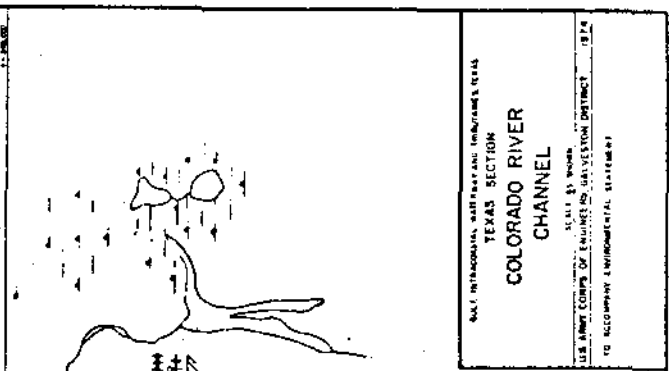
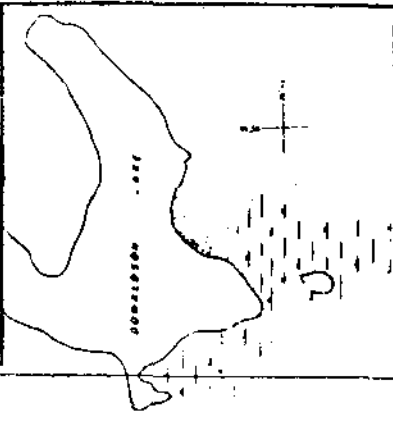


MAP ATTACHED TO ENVIRONMENTAL STATEMENT  
 TEXAS SECTION  
**COLORADO RIVER CHANNEL**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, CIVIL DIVISION DISTRICT 1874  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

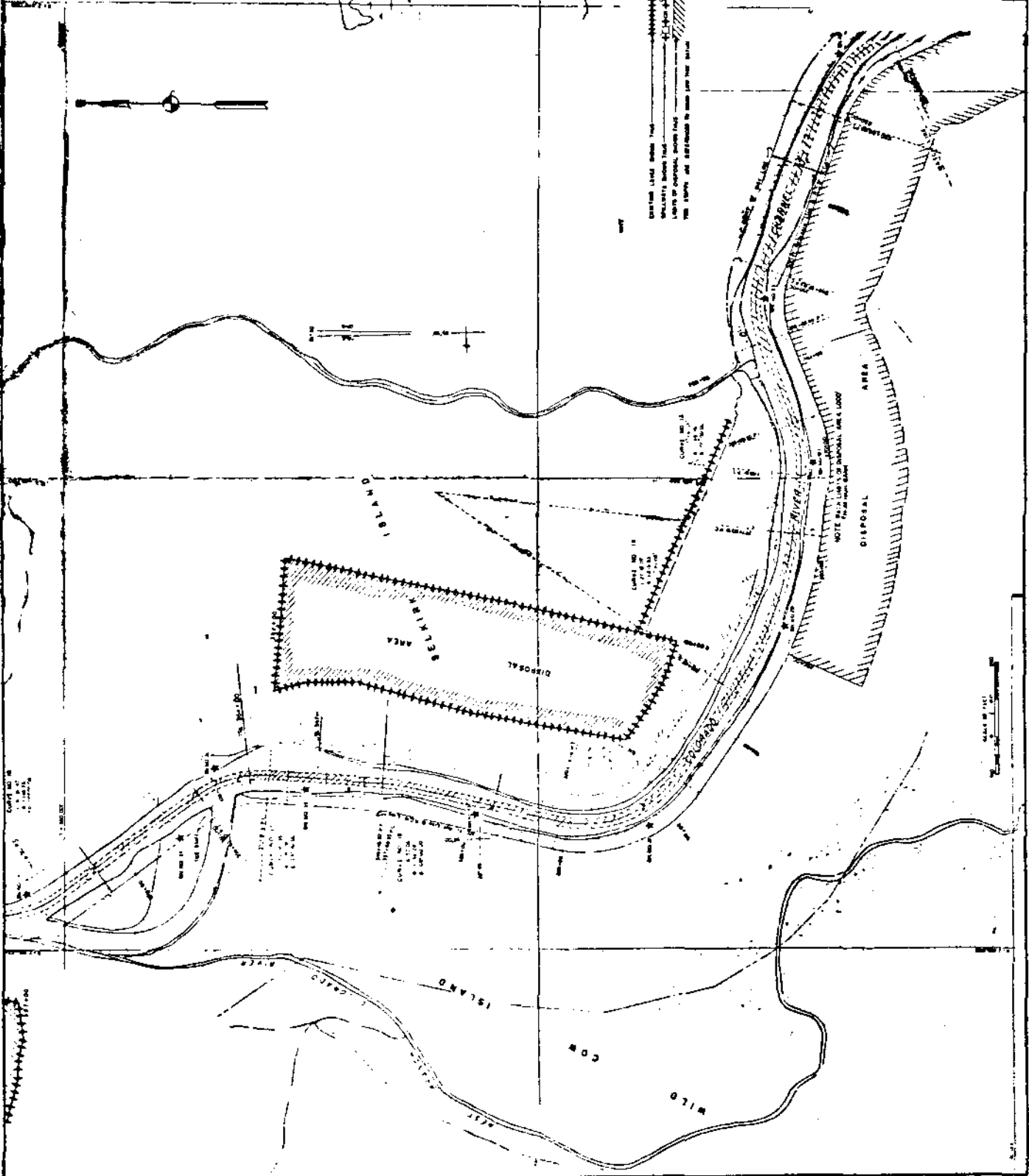
INSET

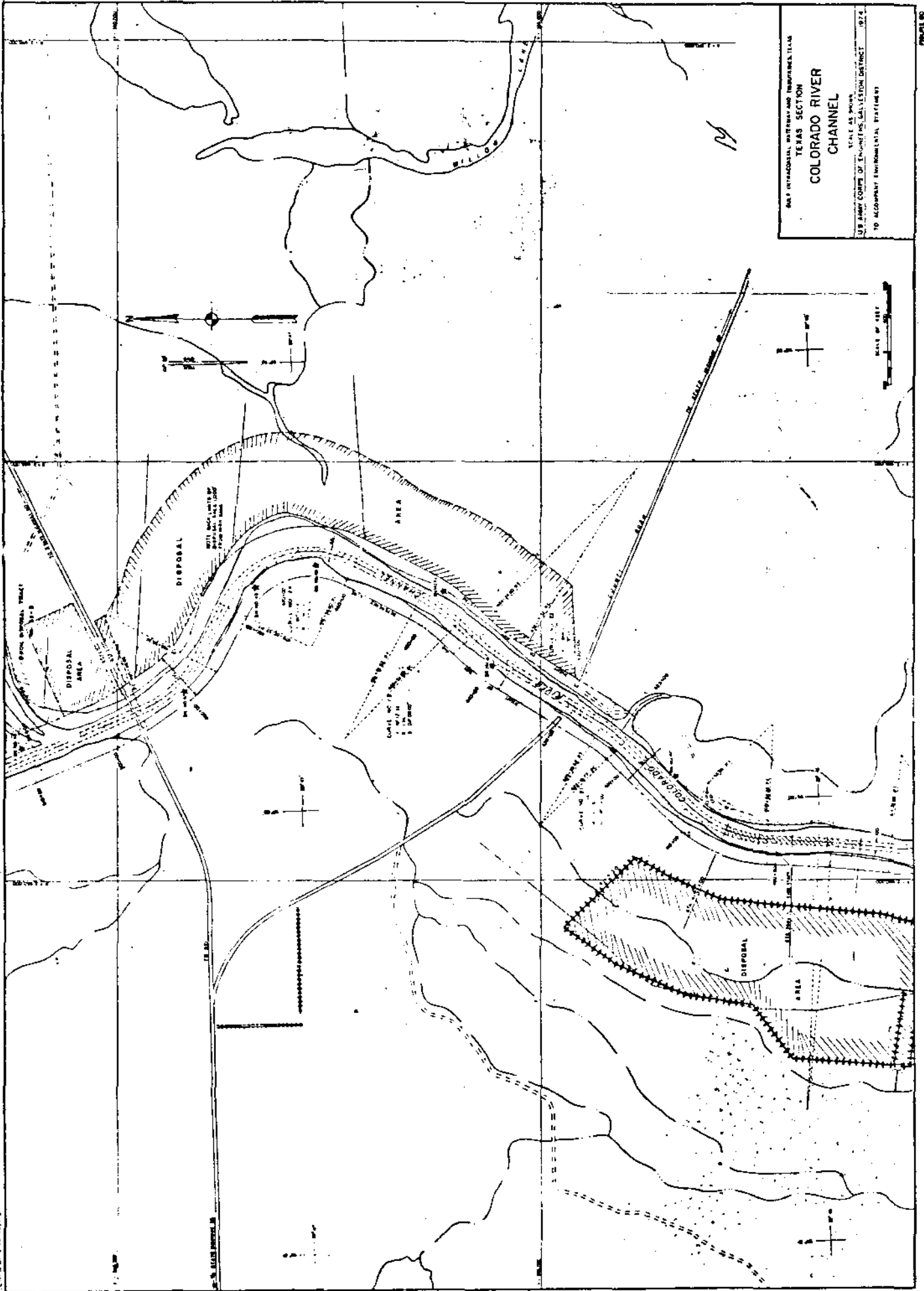
SCALE OF MAP

PAGE 2

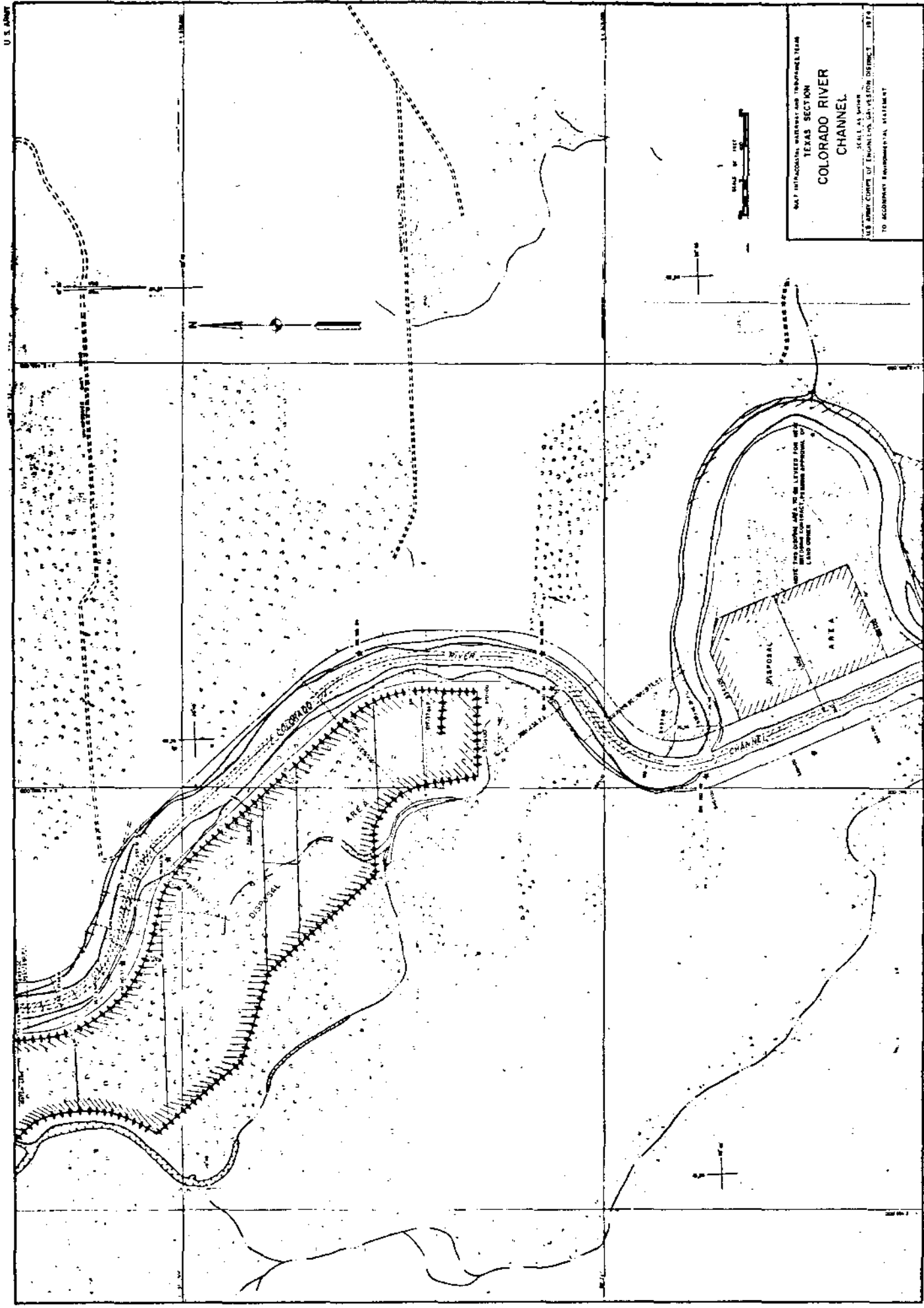


U.S. GEOLOGICAL SURVEY  
 TEXAS SECTION  
**COLORADO RIVER CHANNEL**  
 U.S. ARMY CORPS OF ENGINEERS  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT





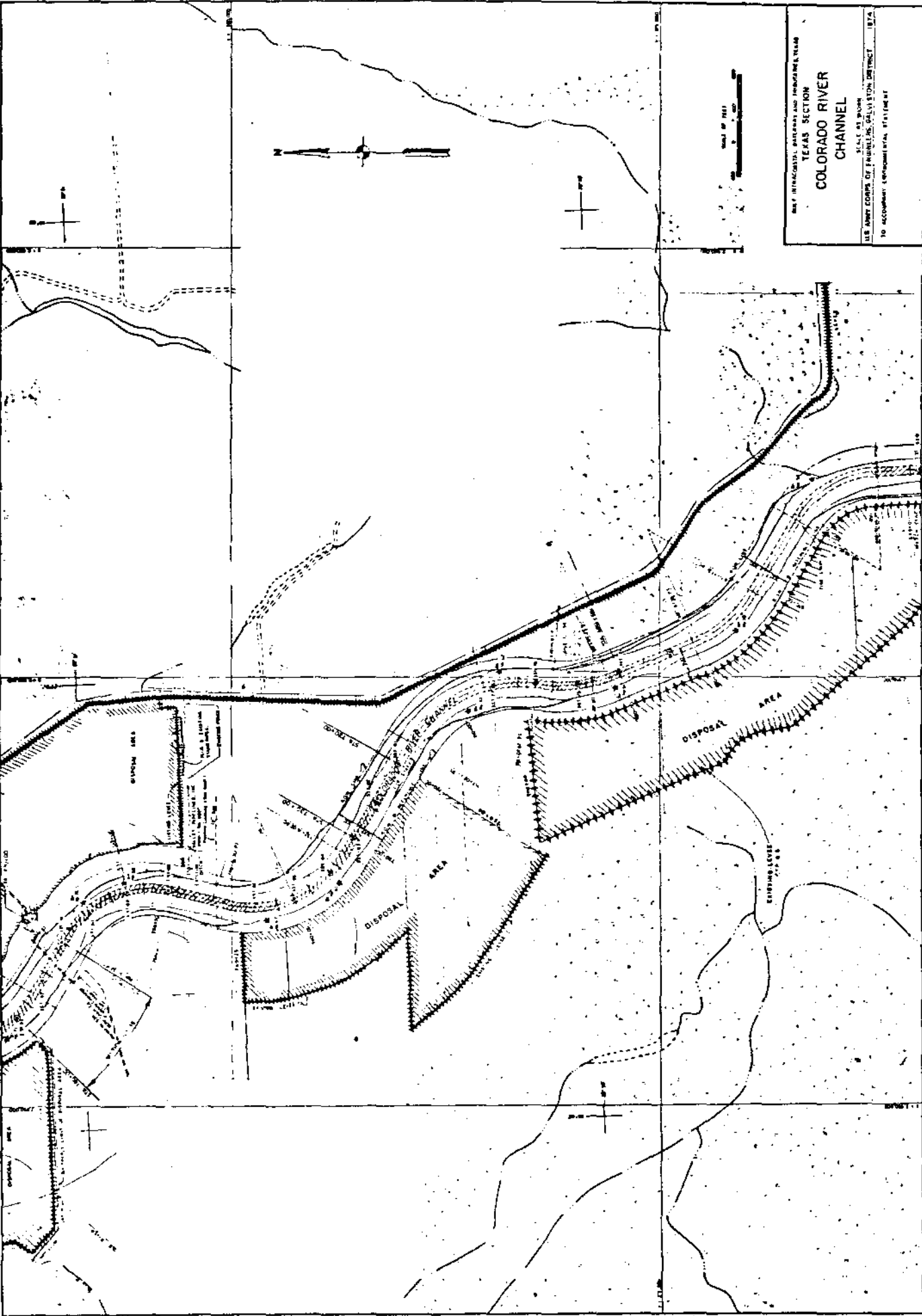
ONLY INSTRUMENTAL DATA AND DIMENSIONS  
 TEXAS SECTION  
**COLORADO RIVER  
 CHANNEL**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



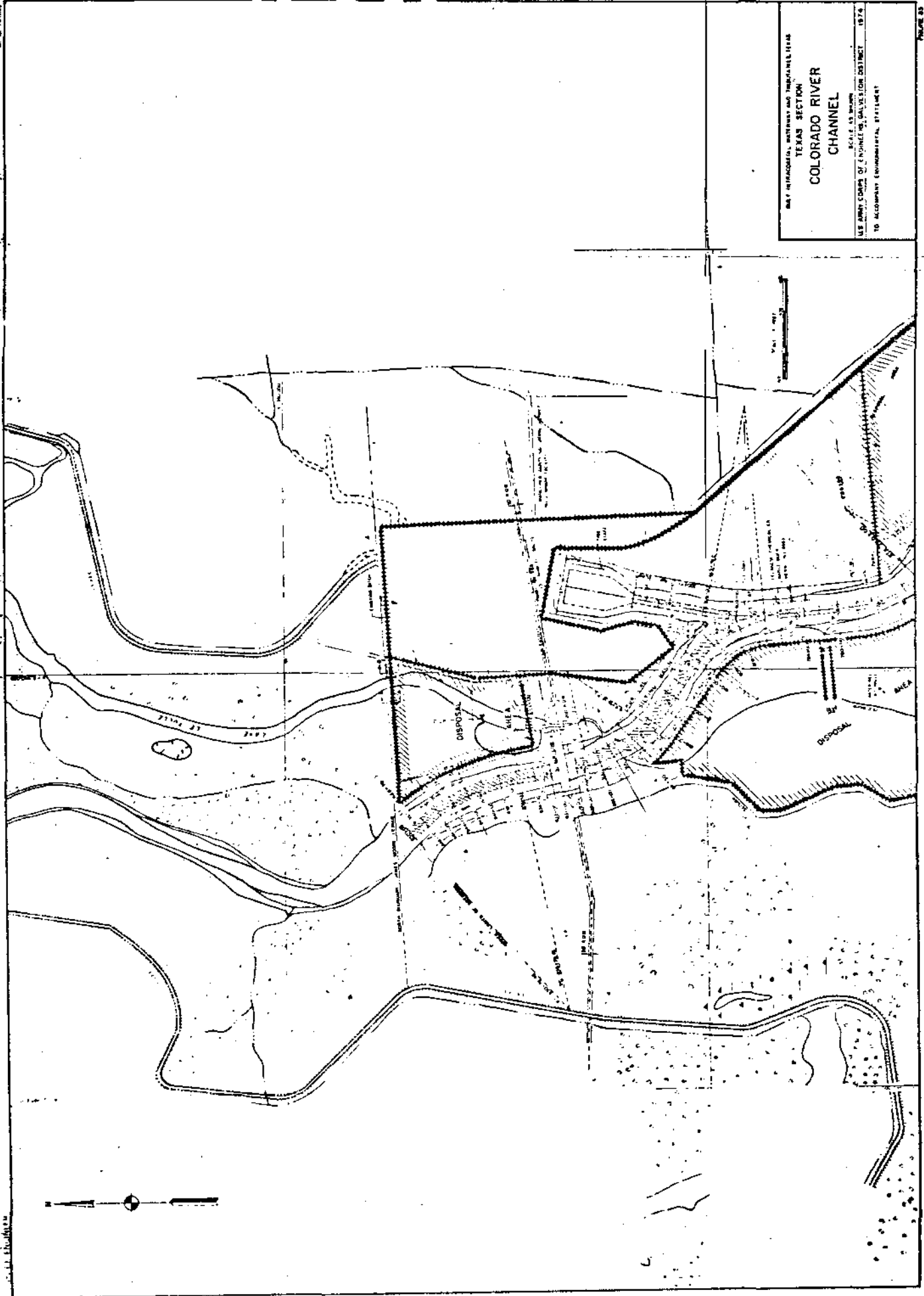
MAP INFORMATION, WATERWAY AND TRANSPORTATION  
 TEXAS SECTION  
**COLORADO RIVER CHANNEL**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, WASHINGTON DISTRICT OFFICE  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

U. S. ARMY

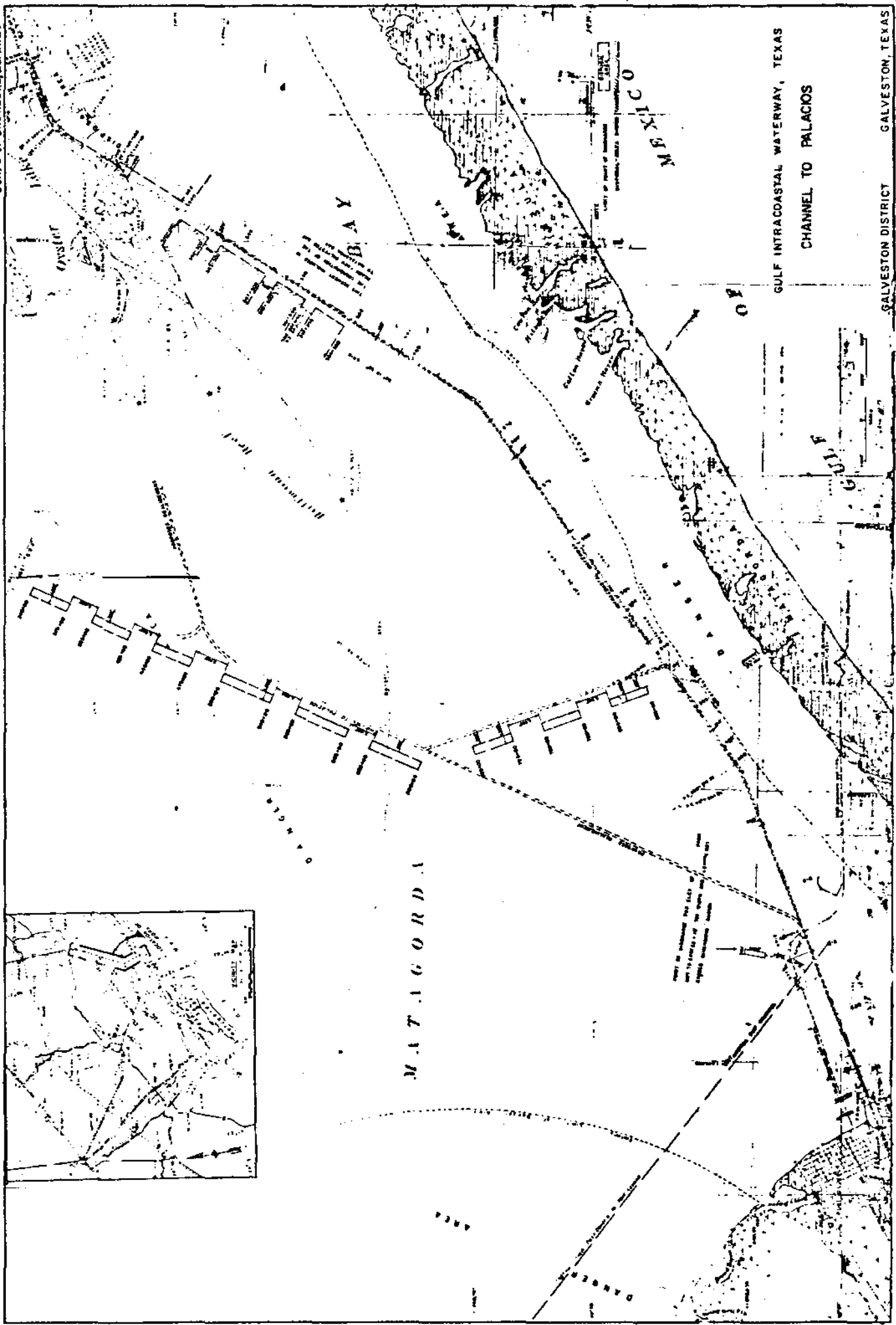
CORPS OF ENGINEERS



ONLY INSTRUMENTAL PLANS AND PROPOSED REVISIONS  
 TEXAS SECTION  
**COLORADO RIVER CHANNEL**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, DISTRICT OFFICE  
 TO ACCOMPANY REPORT BY THE DISTRICT



MAY REPRODUCTION, PARTIAL OR WHOLE, BE MADE  
 TEXAS SECTION  
**COLORADO RIVER**  
**CHANNEL**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, DALLAS DISTRICT, 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



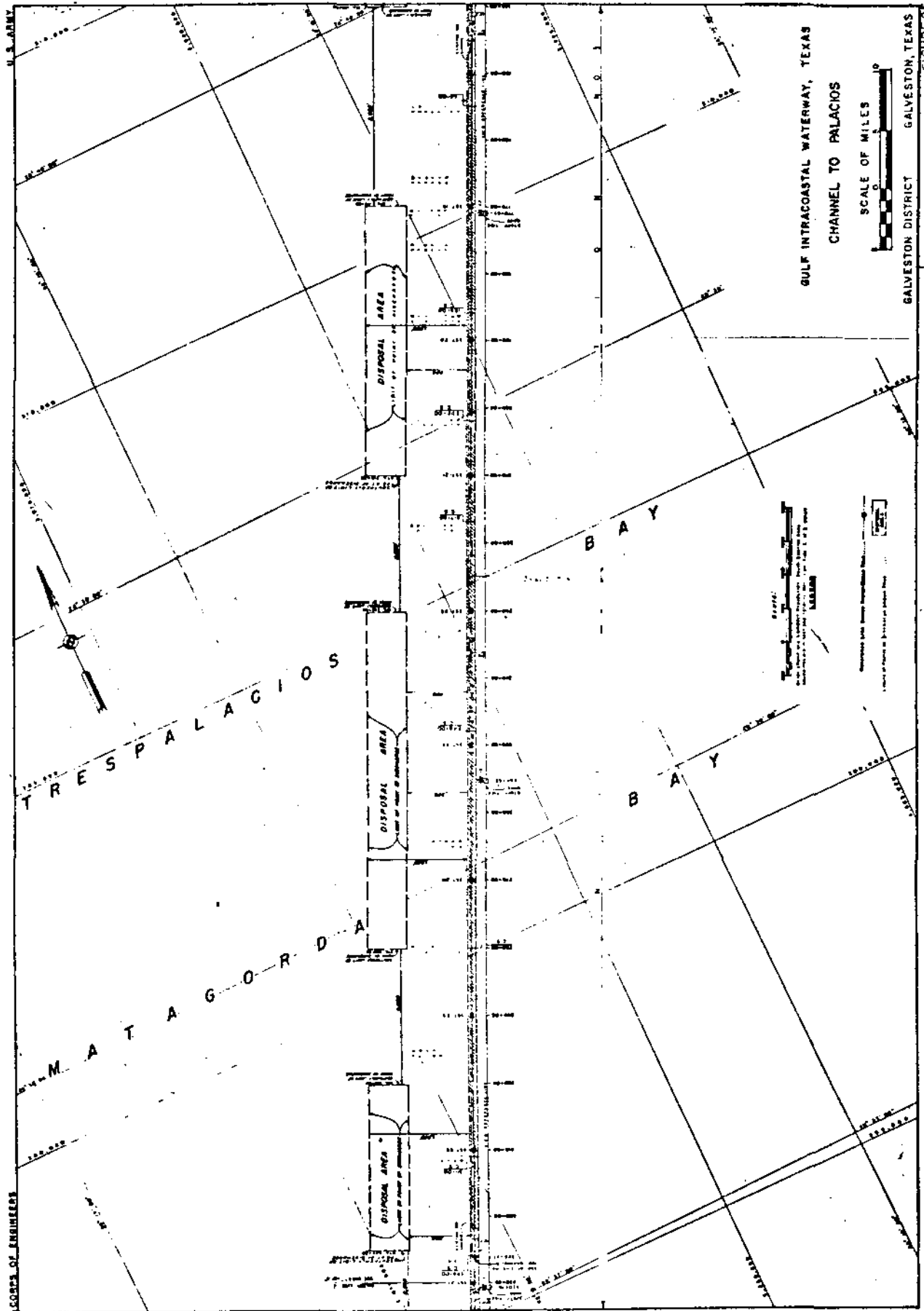
GULF INTRACOASTAL WATERWAY, TEXAS  
CHANNEL TO PALACIOS

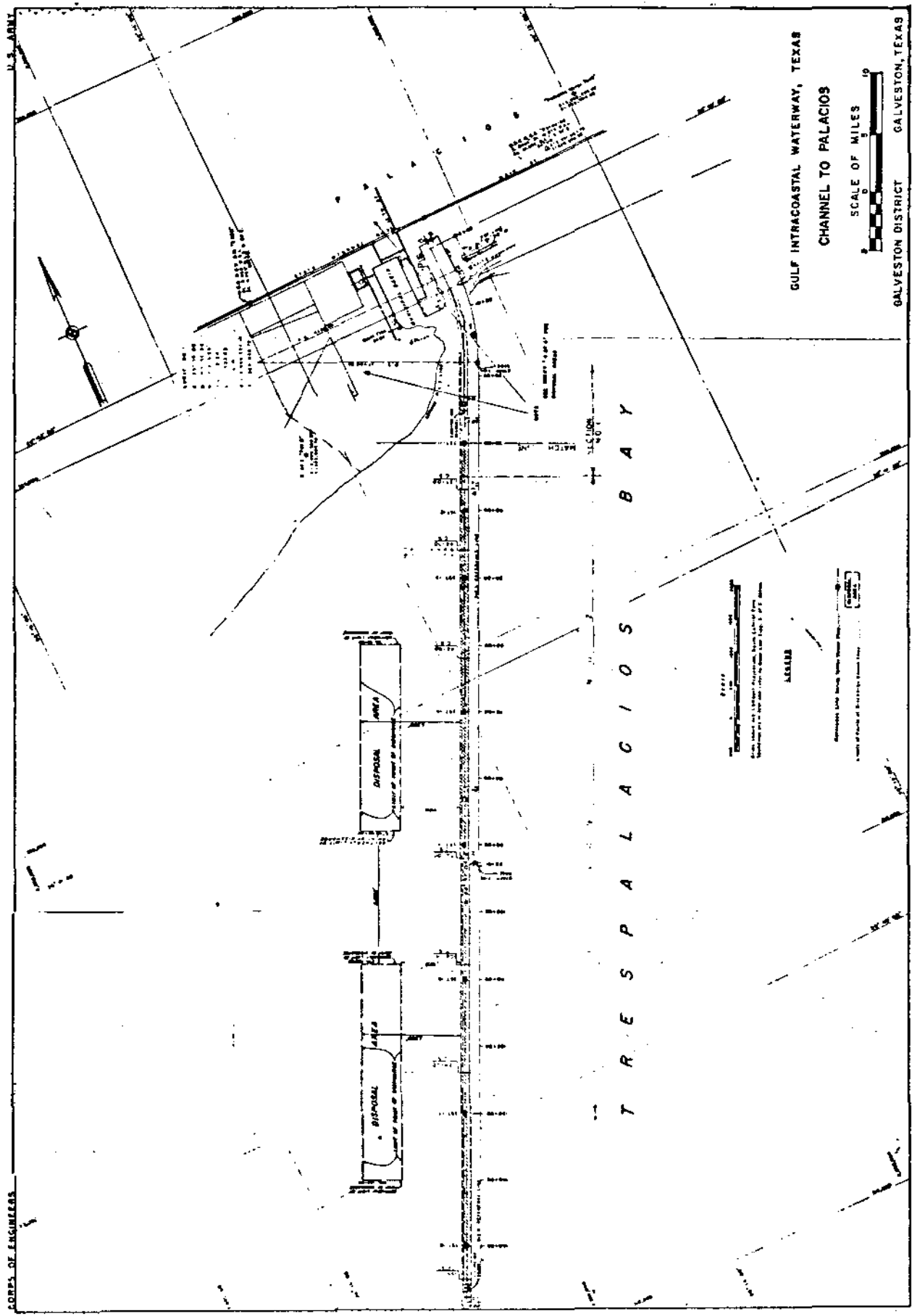
GALVESTON DISTRICT

GALVESTON, TEXAS

FIGURE 84







CORPS OF ENGINEERS

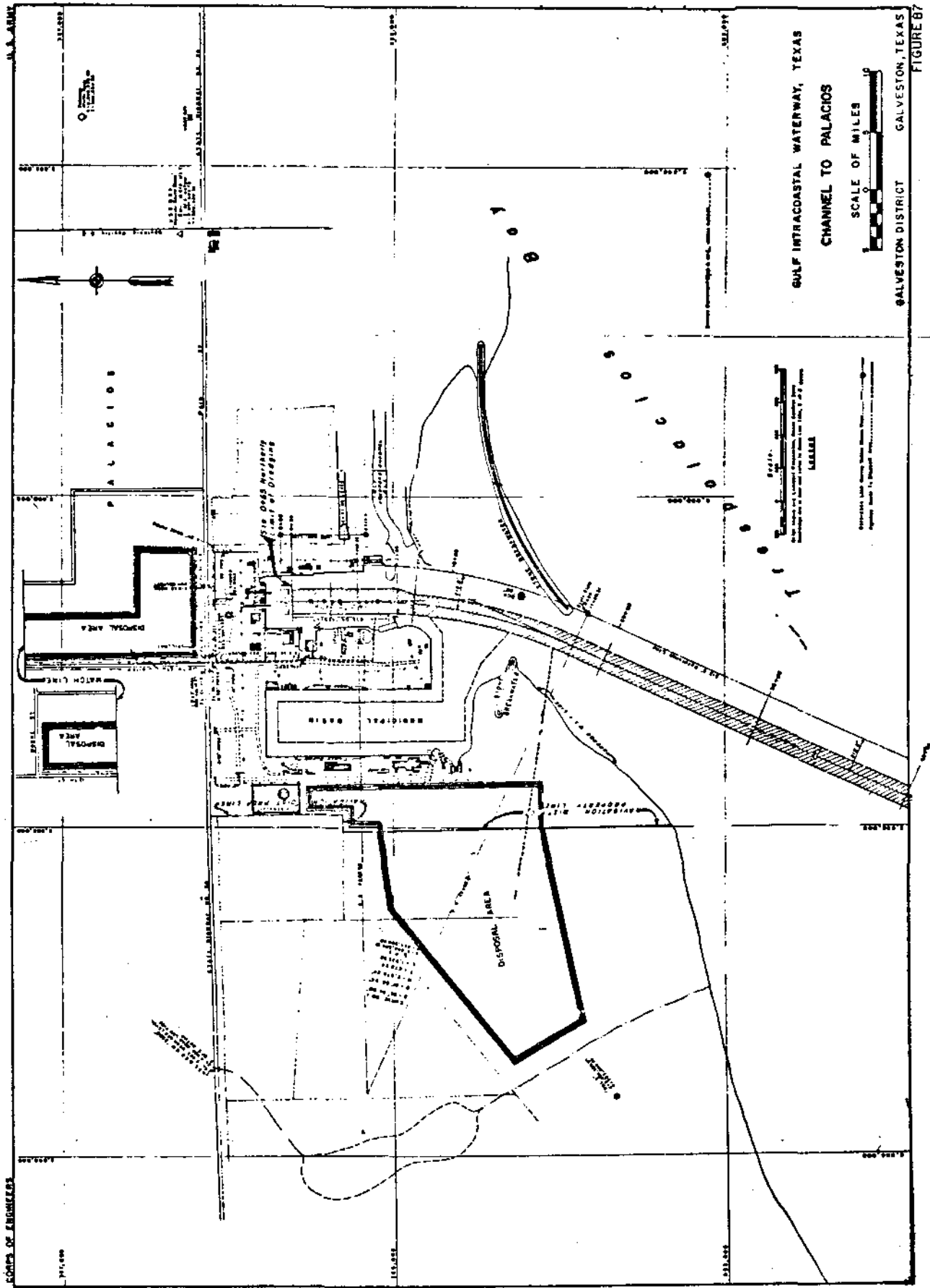
GULF INTRACOASTAL WATERWAY, TEXAS  
CHANNEL TO PALACIOS

SCALE OF MILES  
0 5 10

GALVESTON DISTRICT GALVESTON, TEXAS  
FIGURE B6

T R E S P A L A C I O S B A Y

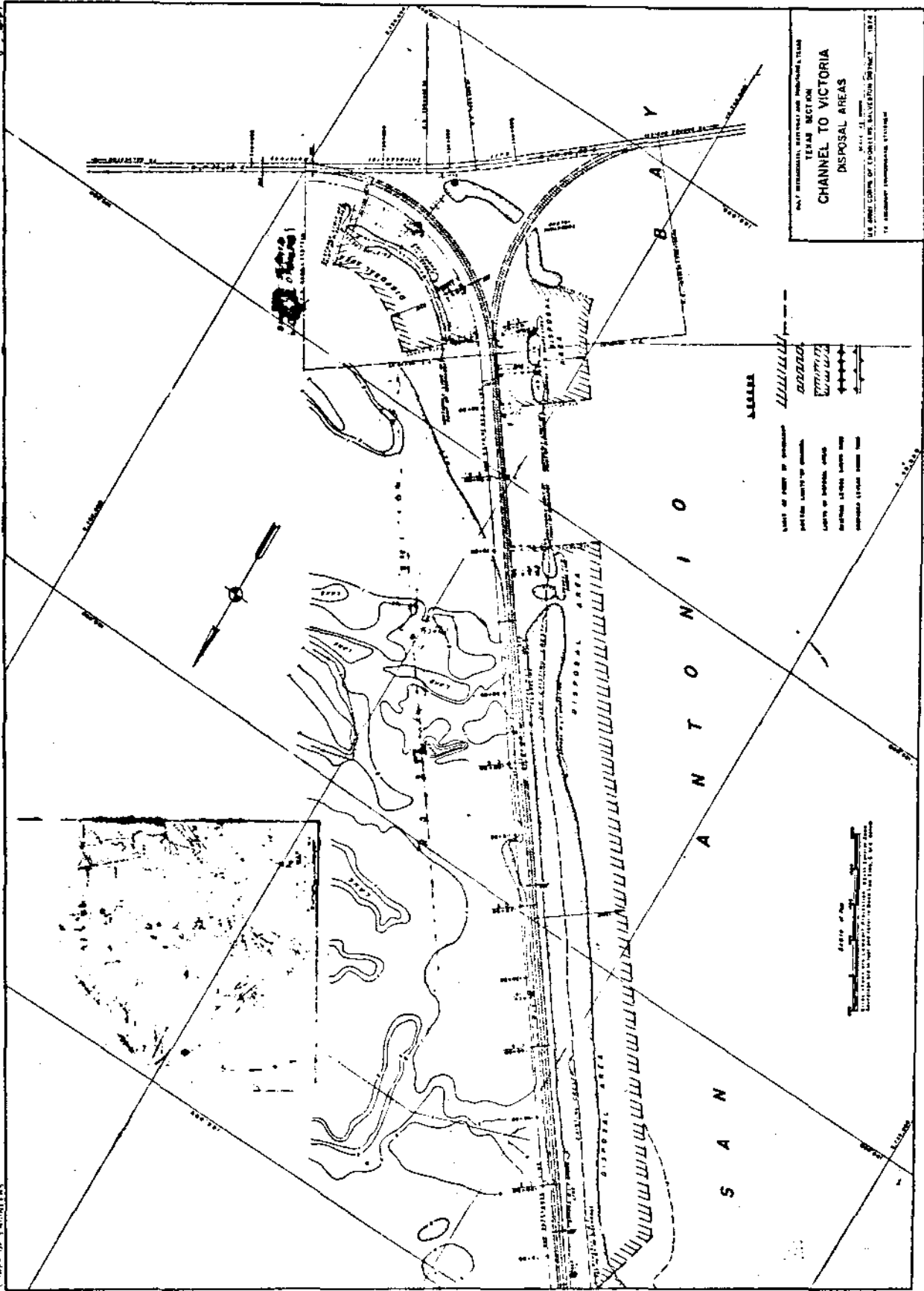
SCALE OF FEET  
0 500 1000



GULF INTRACOASTAL WATERWAY, TEXAS  
CHANNEL TO PALACIOS

SCALE OF MILES  
0 5 10

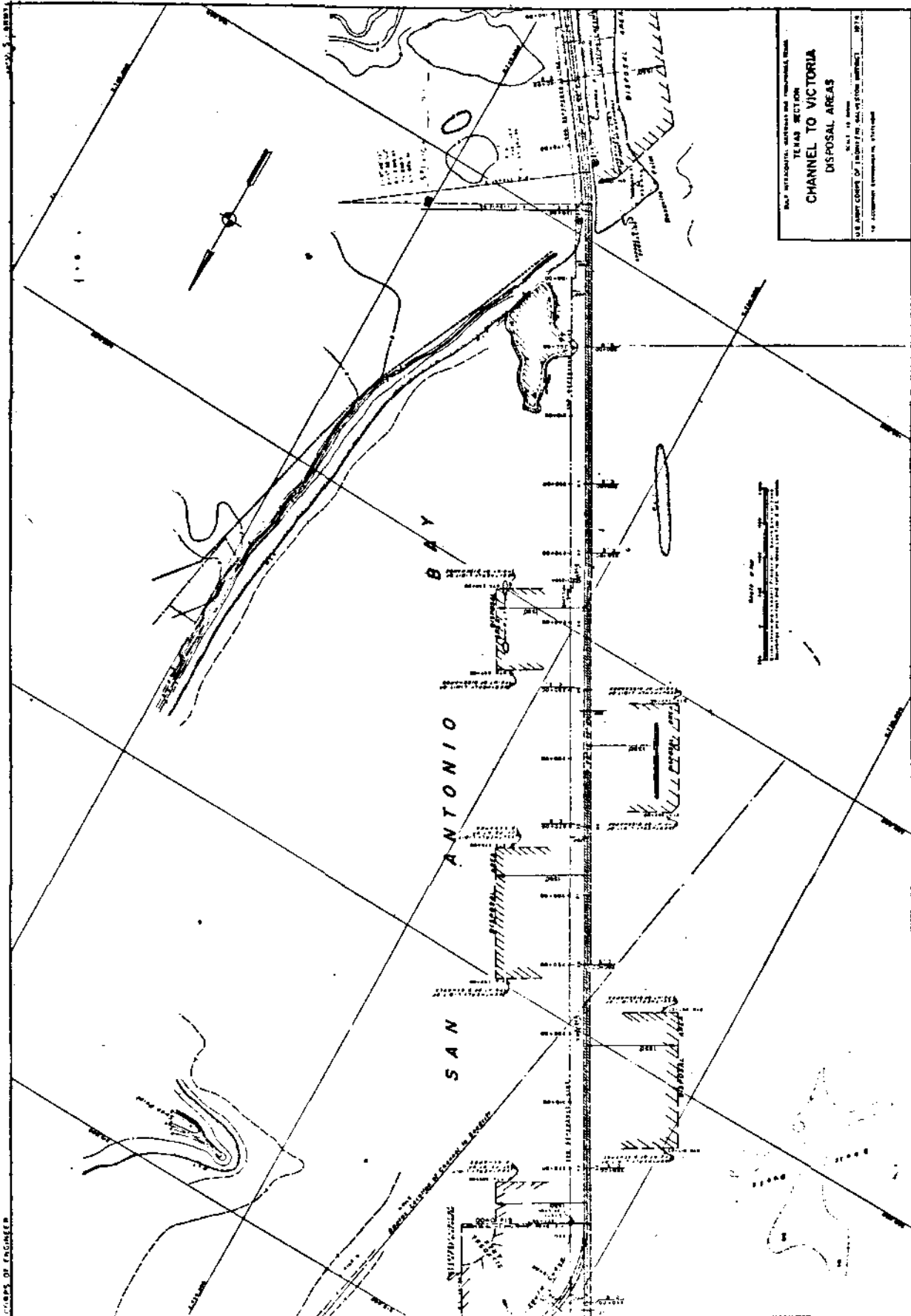
GALVESTON DISTRICT GALVESTON, TEXAS  
FIGURE B7



ONLY INSTRUMENTS, SURVEYS AND PROJECTIONS FROM  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 1884  
 U.S. BUREAU OF COAST AND GEODYSIC SURVEYS  
 THE ENGINEER'S INSTRUMENTS

LIMIT OF AREA OF DISPOSAL  
 LIMIT OF SURVEYED AREA  
 LIMIT OF CHANNEL, CANAL  
 BOUNDING STRONG LIGHTS AND  
 BOUNDING STRONG LIGHTS

SCALE OF FEET  
 1" = 1000'

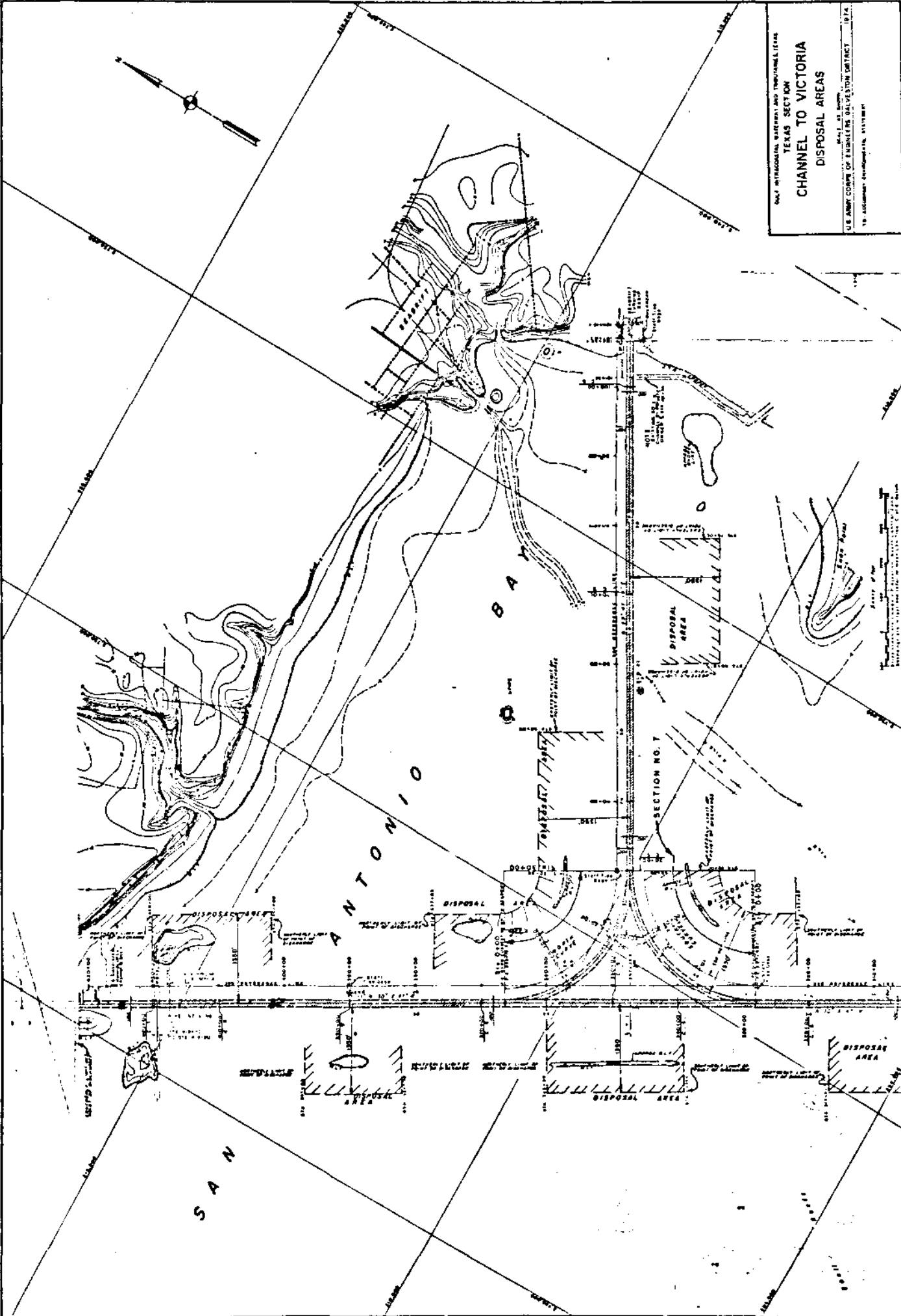


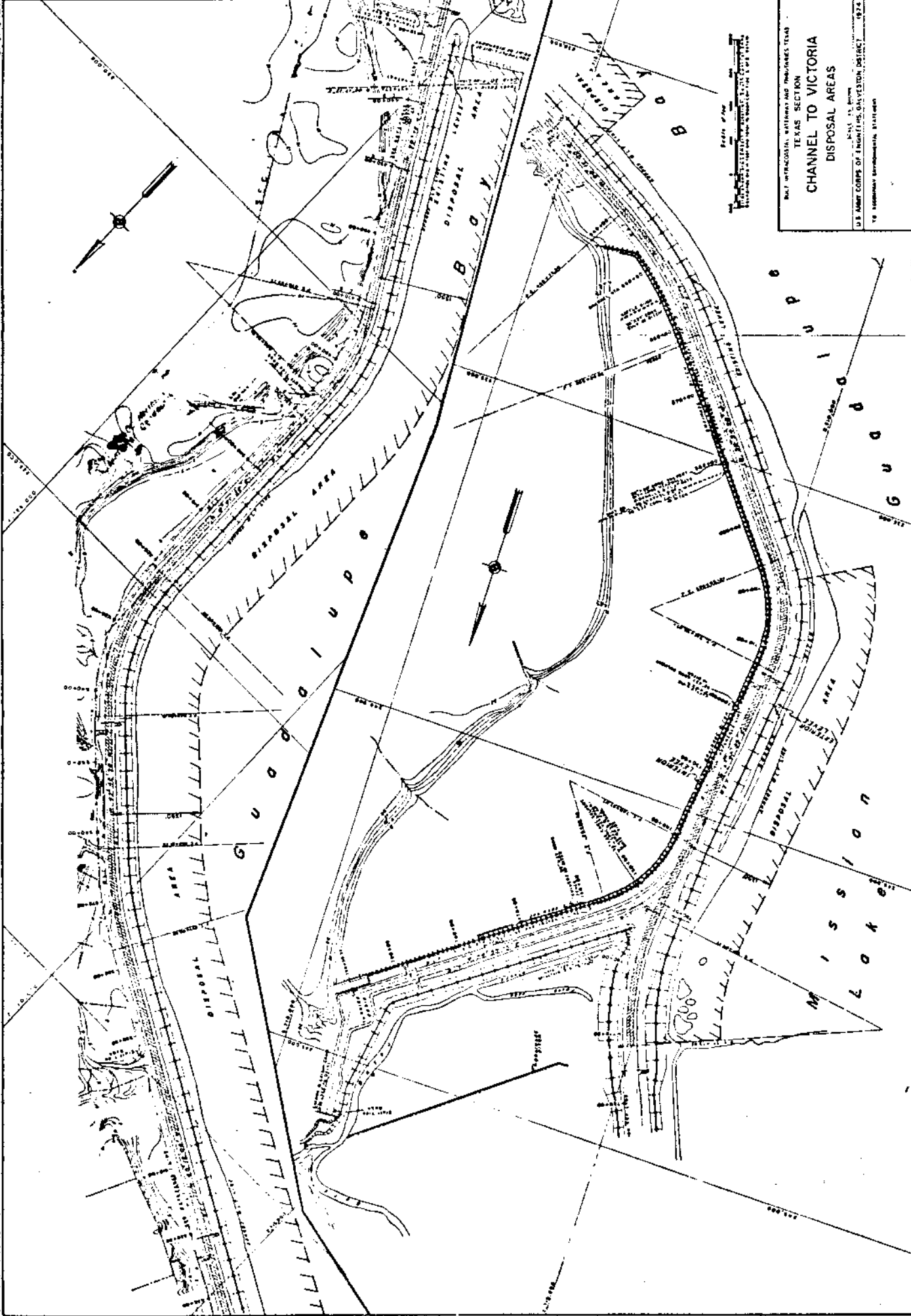
U.S. ARMY CORPS OF ENGINEERS  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 Scale: 1/4" = 100' (Horizontal)  
 1/8" = 100' (Vertical)  
 1912

CORPS OF ENGINEERS

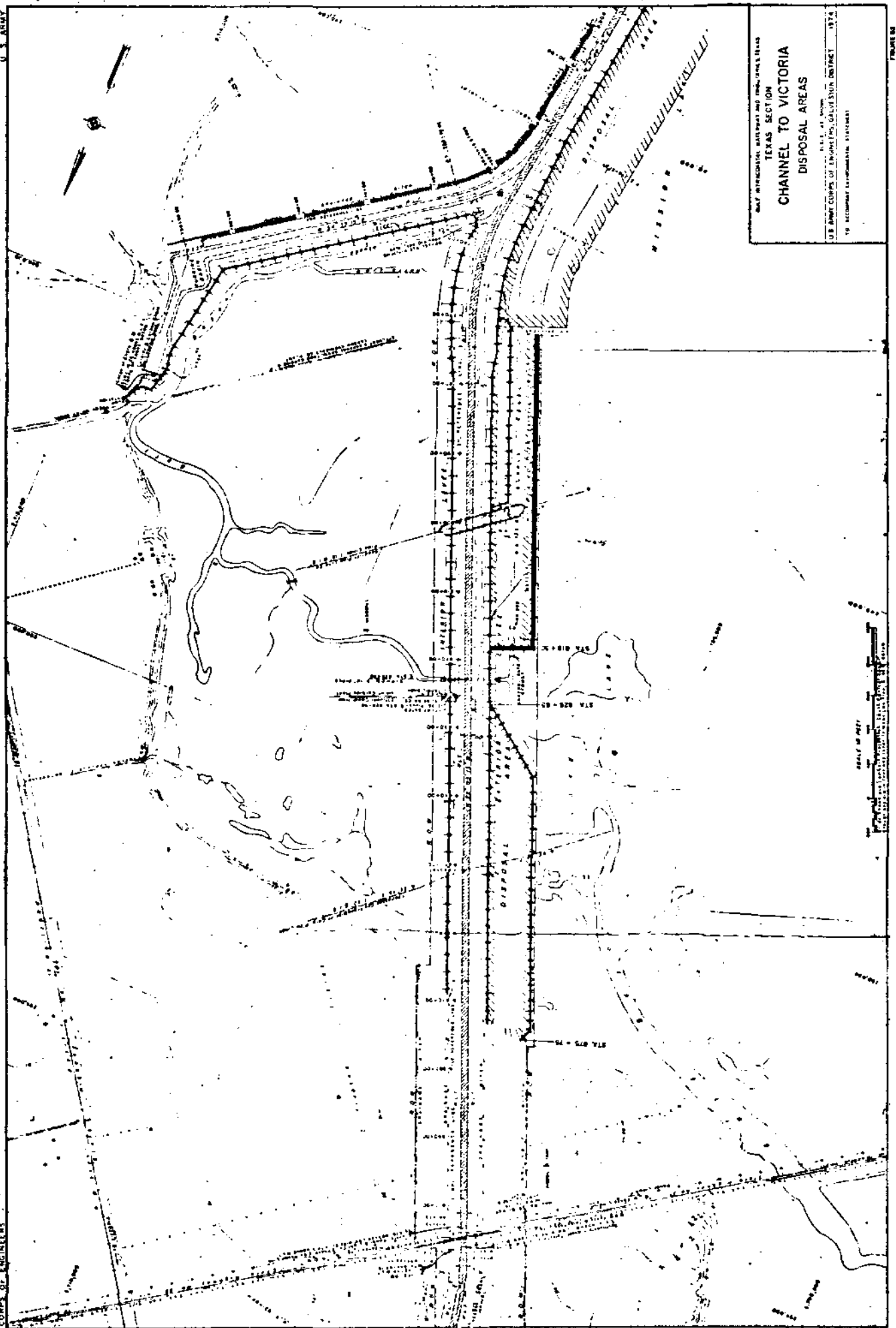
PLATE 20

HALF HYDROGRAPHIC, WATERWAY AND TIDAL PUBLICATION  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 1914  
 U. S. ARMY CORPS OF ENGINEERS, BALVESTON DISTRICT  
 19 ENGINEERS' EQUIPMENT, SYSTEM





MAP WITH ORIGINAL RATINGS AND PROFILES, TEXAS  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 SCALE: 1:50,000  
 U. S. ARMY CORPS OF ENGINEERS, DALLAS DISTRICT  
 10 (REVISED) ENGINEERING, STATIONING

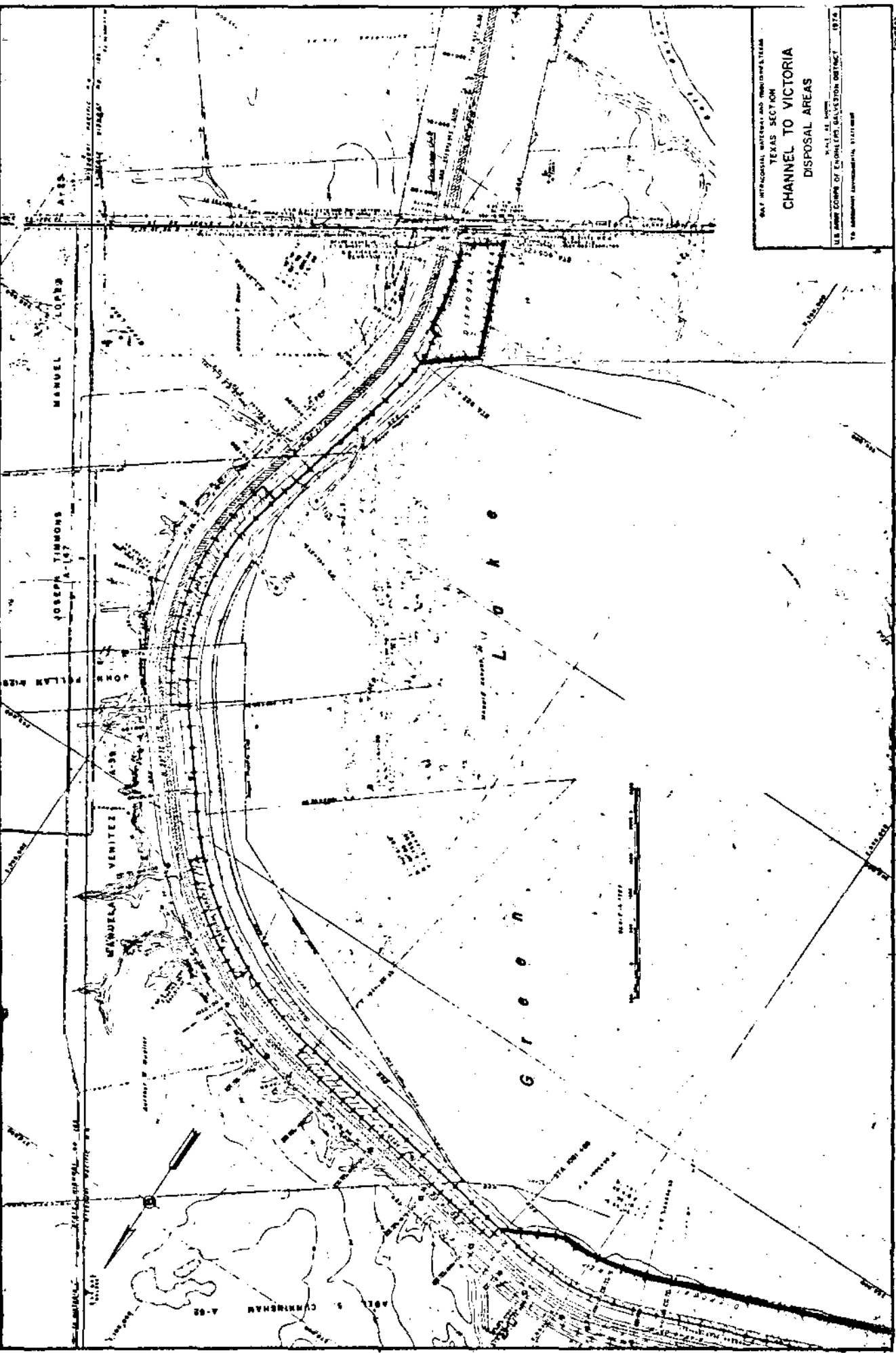


HALF INTRENCHING, BARRIERS AND PROTECTIVE BARRIERS  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, CALIFORNIA DISTRICT 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



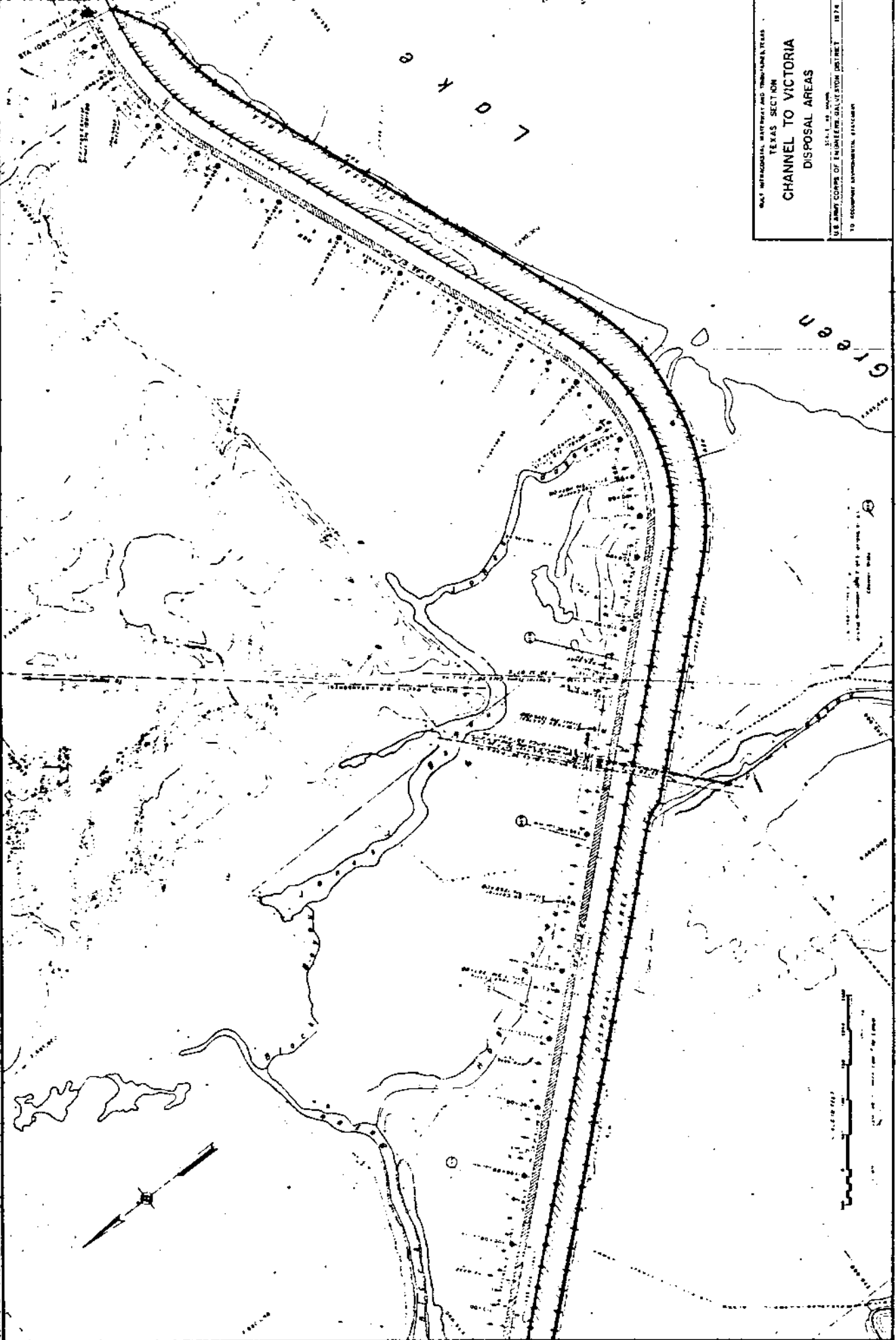
CORPS OF ENGINEERS

U. S. ARMY

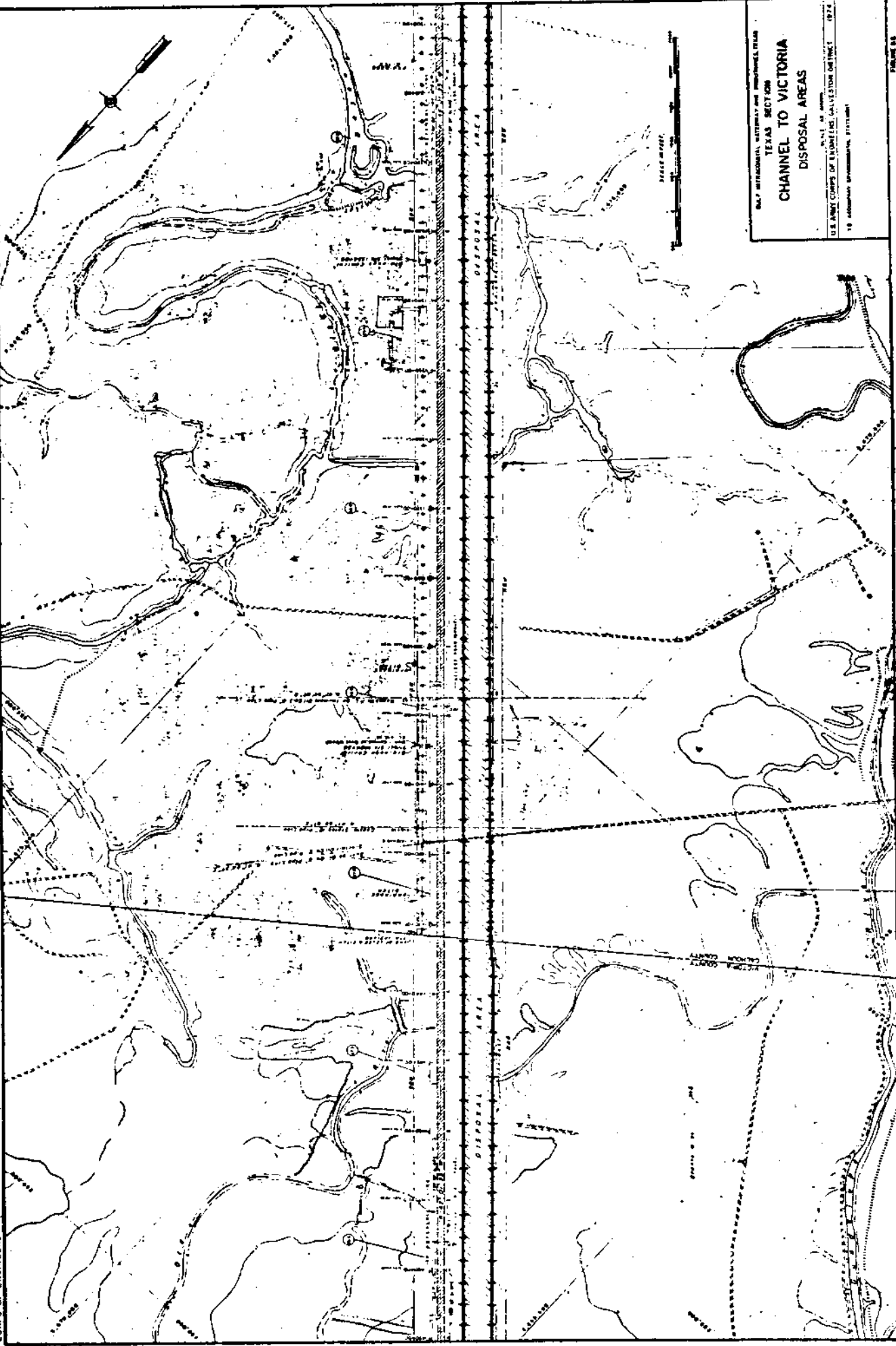


ONLY INFORMATIONAL INTEREST AND NOT TO BE USED FOR  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 2-1-1, 1-1, 1-2, 1-3  
 U. S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, 1974  
 70 (Supplement) (Revised) (1974)

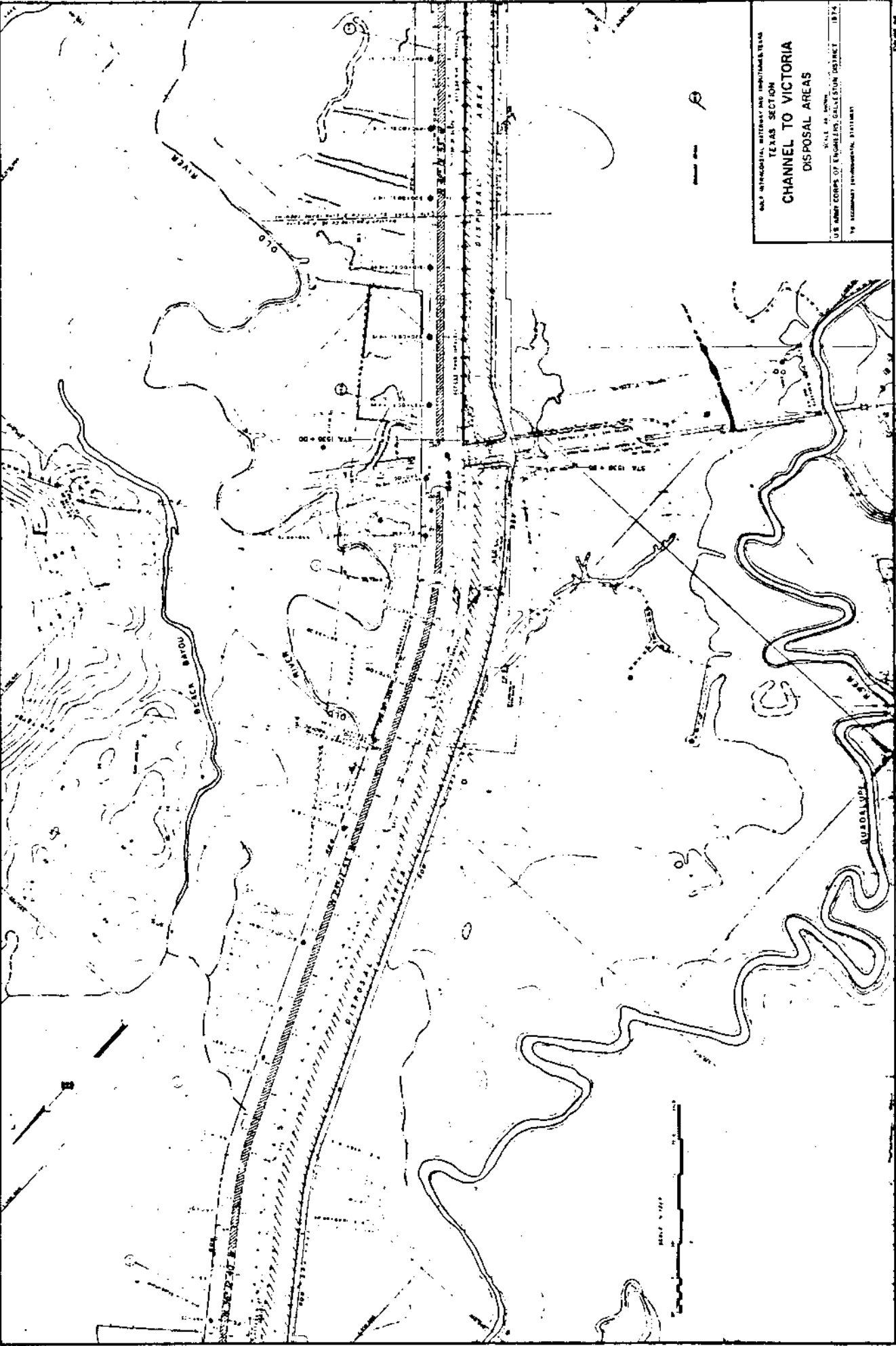
FIGURES



ONLY INFORMATIONAL MATERIAL AND NOT TO BE USED FOR  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
**DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT 1874  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

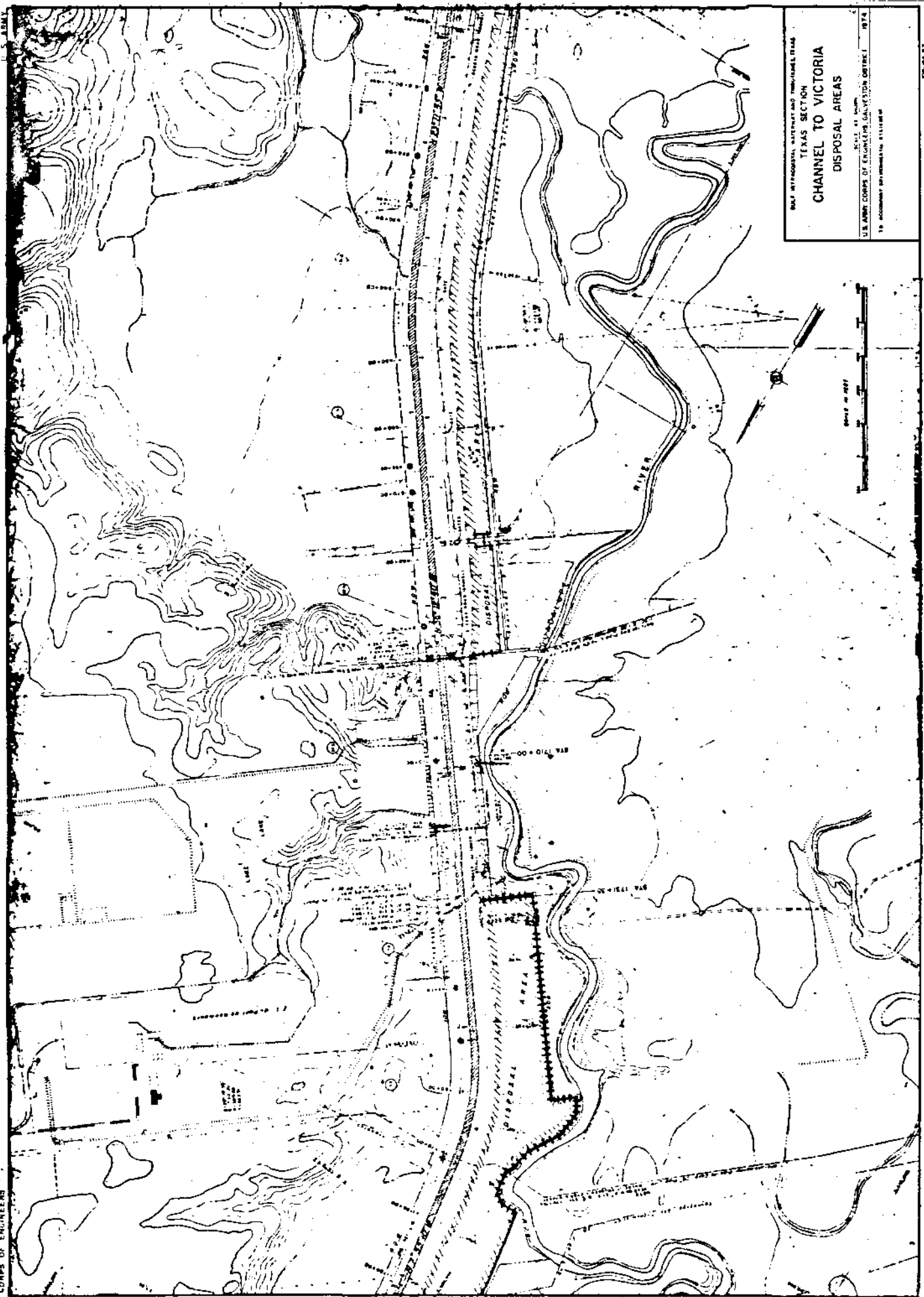


MAP OF METROPOLITAN WATERWAY AND DISPOSAL AREAS  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT (1972)  
 1:50,000 SCALE (VERTICAL)



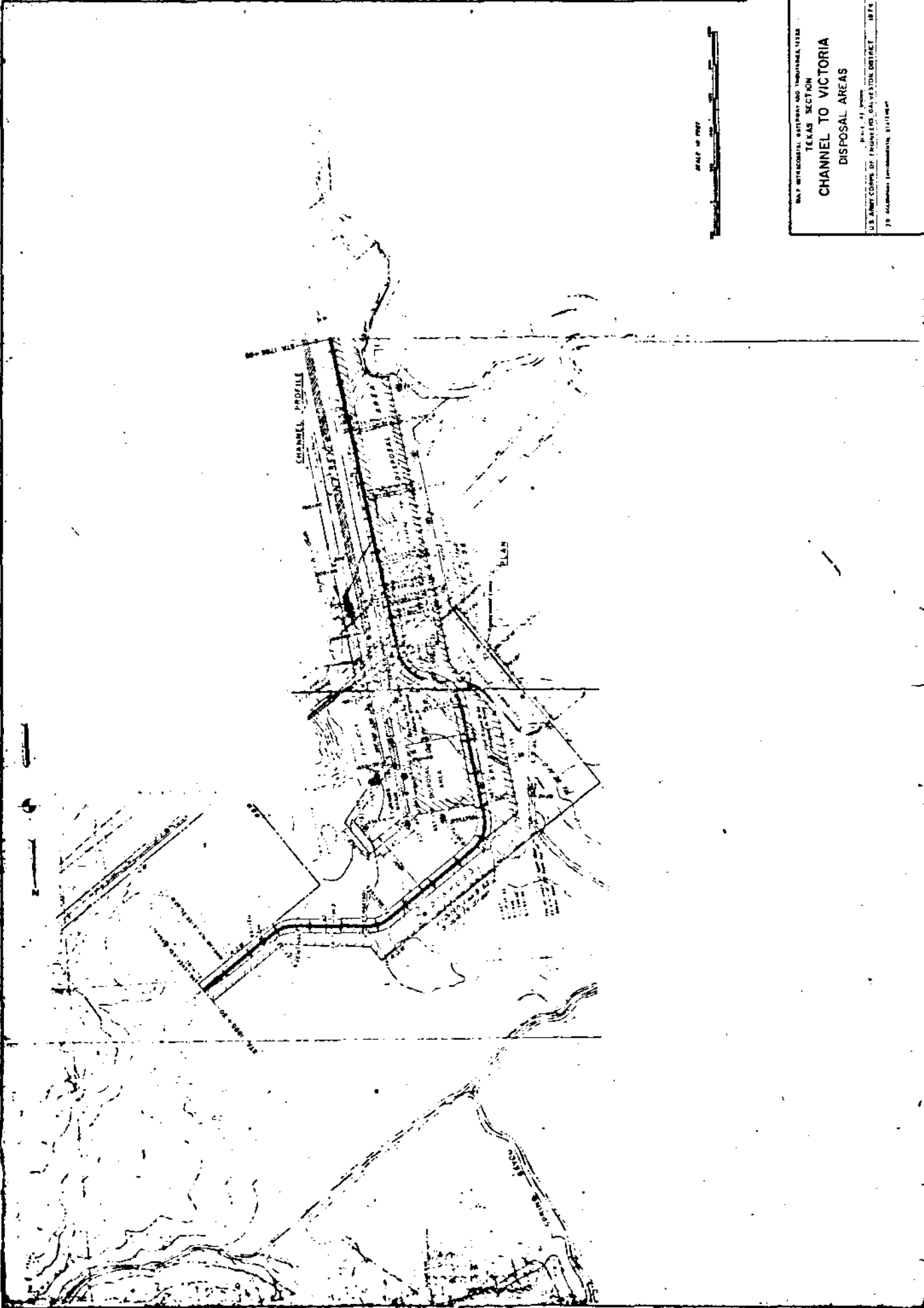
ONLY AUTHORIZED, WATERWAY AND IRRIGATION TEXAS  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 SCALE AS SHOWN  
 U. S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT 1874  
 BY EXAMINER (ENGINEERING DISTRICT)

CORPS OF ENGINEERS



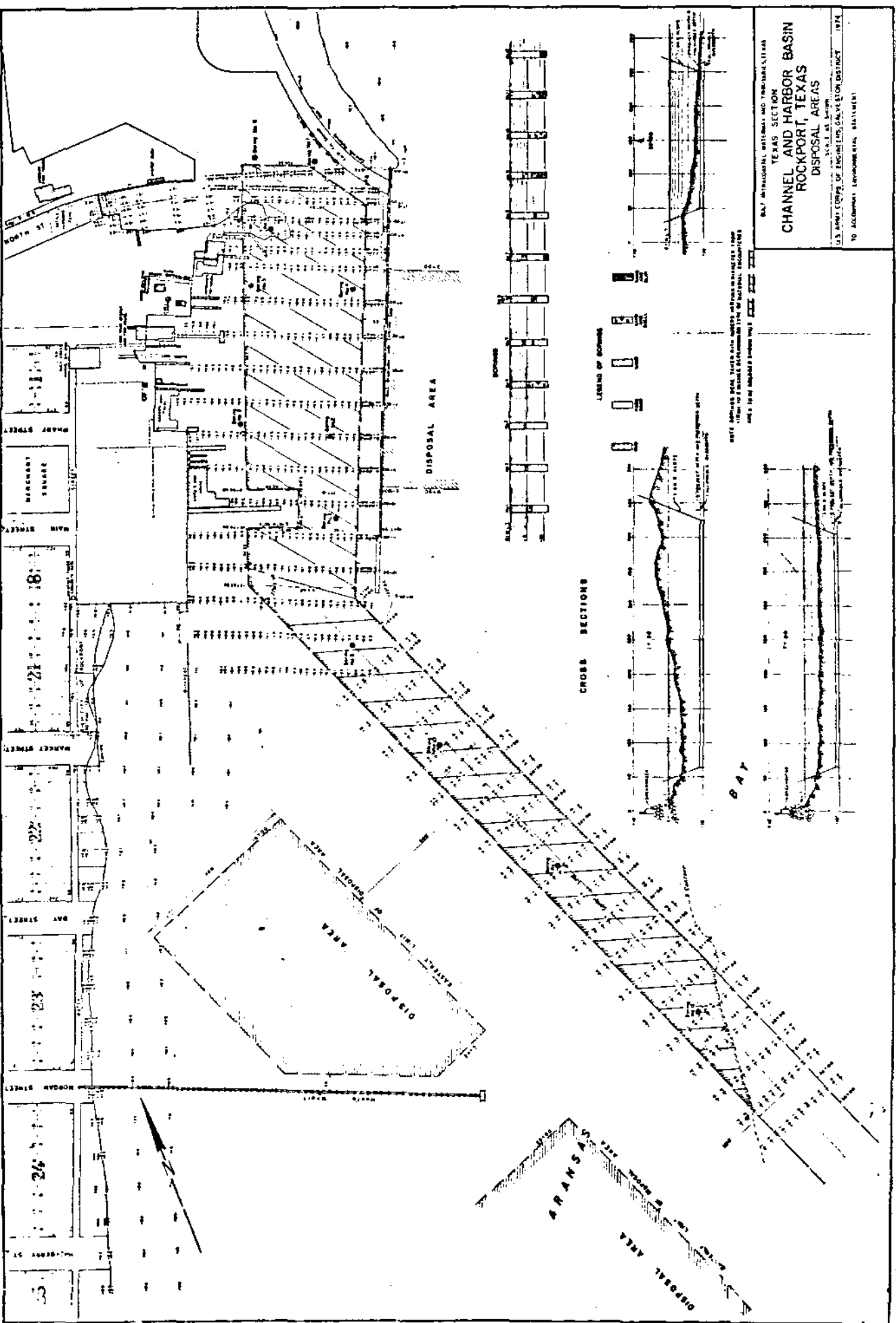
SCALE: METERS AND FEET  
TEXAS SECTION  
**CHANNEL TO VICTORIA  
DISPOSAL AREAS**  
SCALE: AS SHOWN  
U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, 1974  
THIS DOCUMENT IS UNCLASSIFIED DATE 11/15/2009



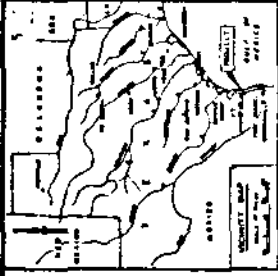


SCALE OF 1:1000

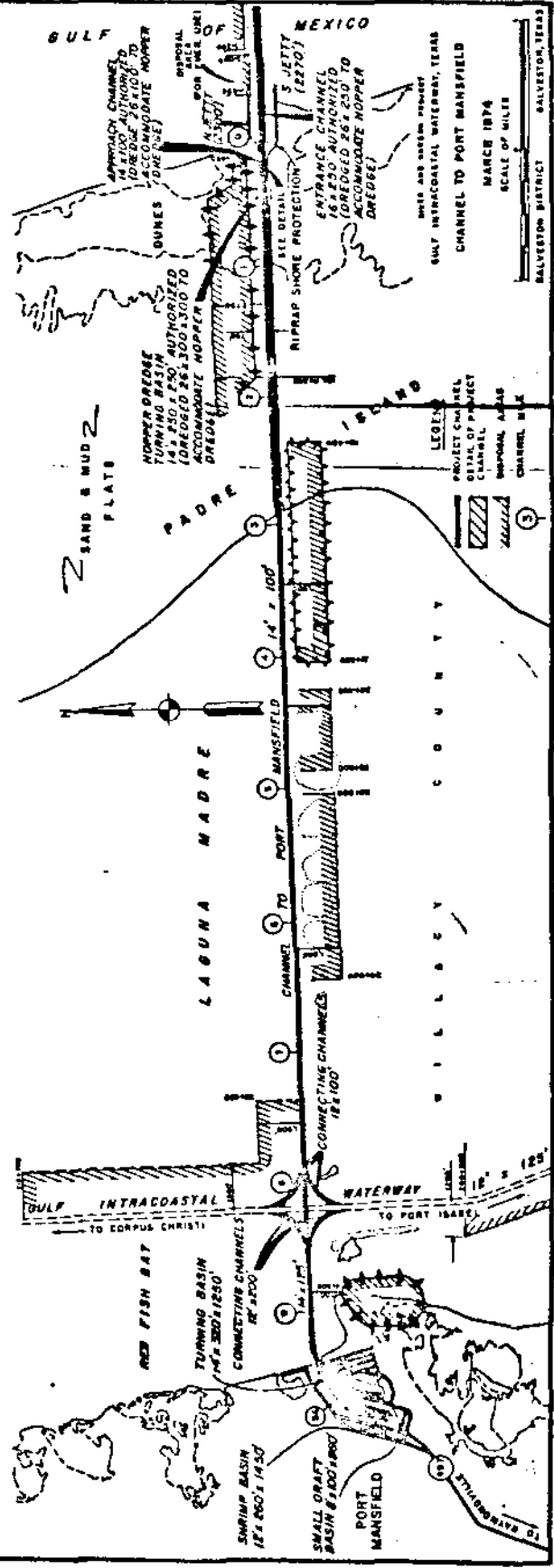
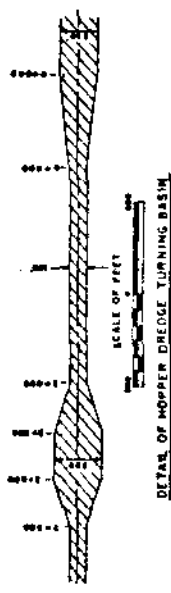
MAP METACORIAL SYSTEM AND THERMAL UNIT  
 TEXAS SECTION  
**CHANNEL TO VICTORIA**  
 DISPOSAL AREAS  
 1974  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 7000 West Loop South, Houston, Texas 77056



CAF DEPARTMENT WATERWAY AND TRANSPORTATION  
 TEXAS SECTION  
**CHANNEL AND HARBOR BASIN  
 ROCKPORT, TEXAS  
 DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



- NOTES:**
1. WHEN MATERIAL IN DISPOSAL AREAS BECOMES EMERGENT ABOVE MEAN HIGH WATER ALONG THE LIMITING LINES, LEVELS SHALL BE CONSTRUCTED TO PREVENT MATERIAL FROM FLOWING BEYOND SUCH LIMITS, OR THE DISCHARGE POINT SHALL BE MOVED SO THAT MATERIAL WILL NOT FLOW BEYOND THE LIMITING LINES THAT ARE EMERGENT ABOVE MEAN HIGH WATER.
  2. POINT OF DISCHARGE NOT TO EXTEND BEYOND LIMITING LINES. BUILD END AND BACK LEVELS WHEN MATERIAL OR LAND BECOMES EMERGENT ABOVE MEAN HIGH WATER. BUILD PROMPTLY WHEN REQUIRED TO PREVENT MATERIAL FROM FLOWING BACK INTO CHANNEL.



**FIGURE 100**



L A G U N A

M A D R E

NOTE

- EXISTING AREA
- EXISTING CHANNEL
- PROPOSED CHANNEL
- PROPOSED DRAINAGE
- PROPOSED FILL
- PROPOSED ELEVATION
- PROPOSED DRAINAGE
- PROPOSED FILL
- PROPOSED ELEVATION
- PROPOSED DRAINAGE
- PROPOSED FILL
- PROPOSED ELEVATION

SCALE OF FEET

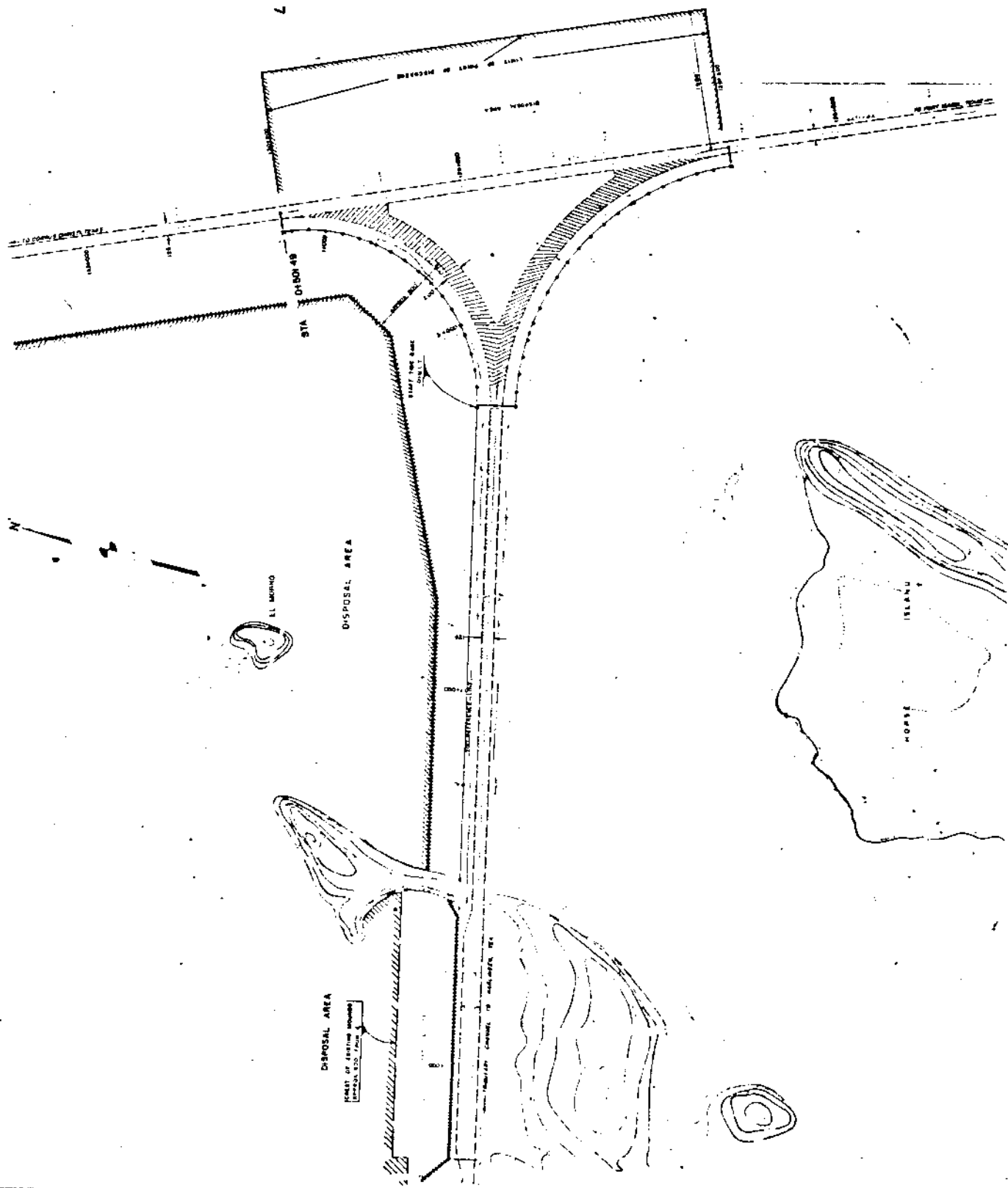
MAP PREPARED BY THE U.S. ARMY CORPS OF ENGINEERS, CALISTO GASTON DISTRICT, 1974

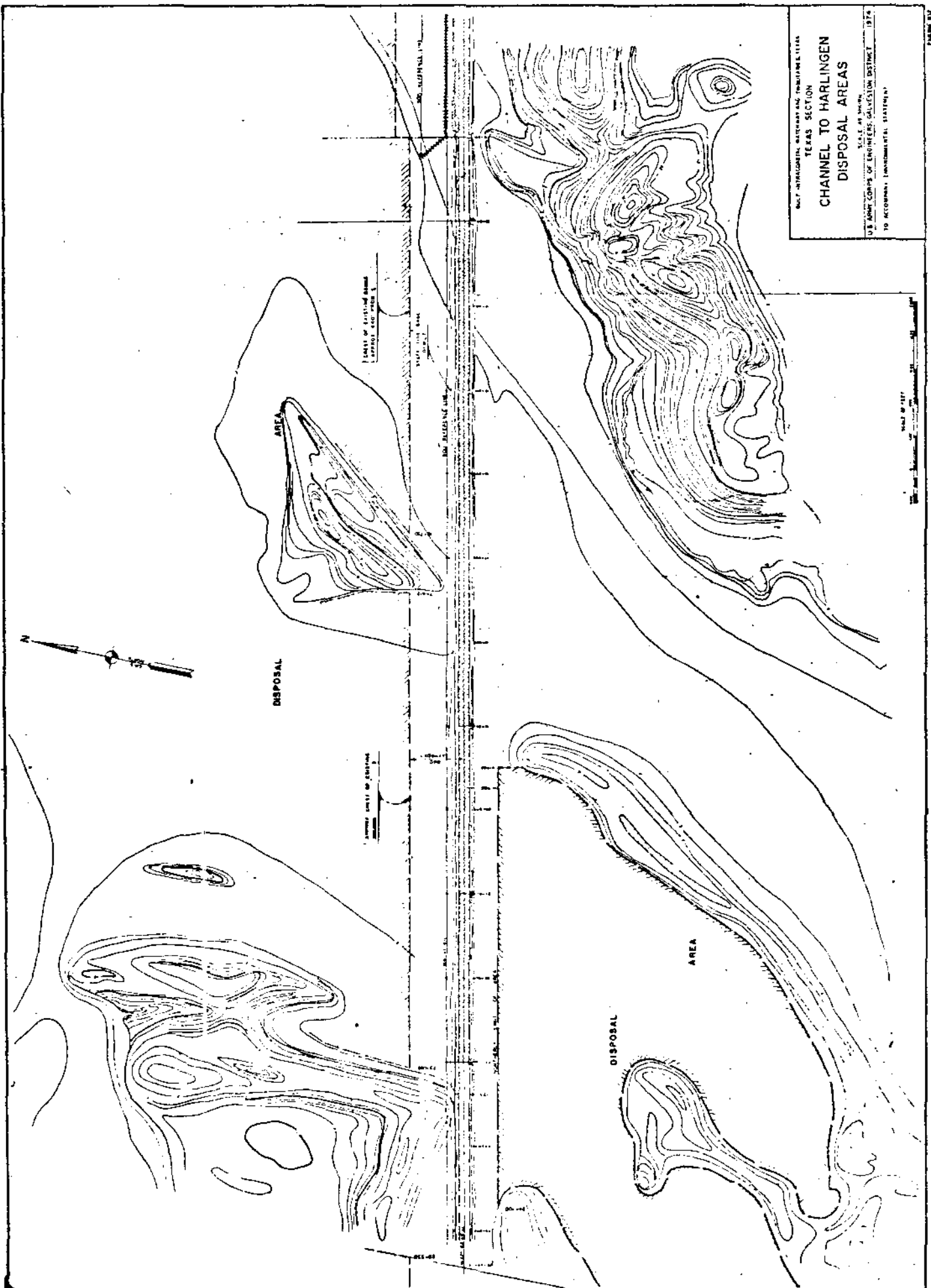
TEXAS SECTION

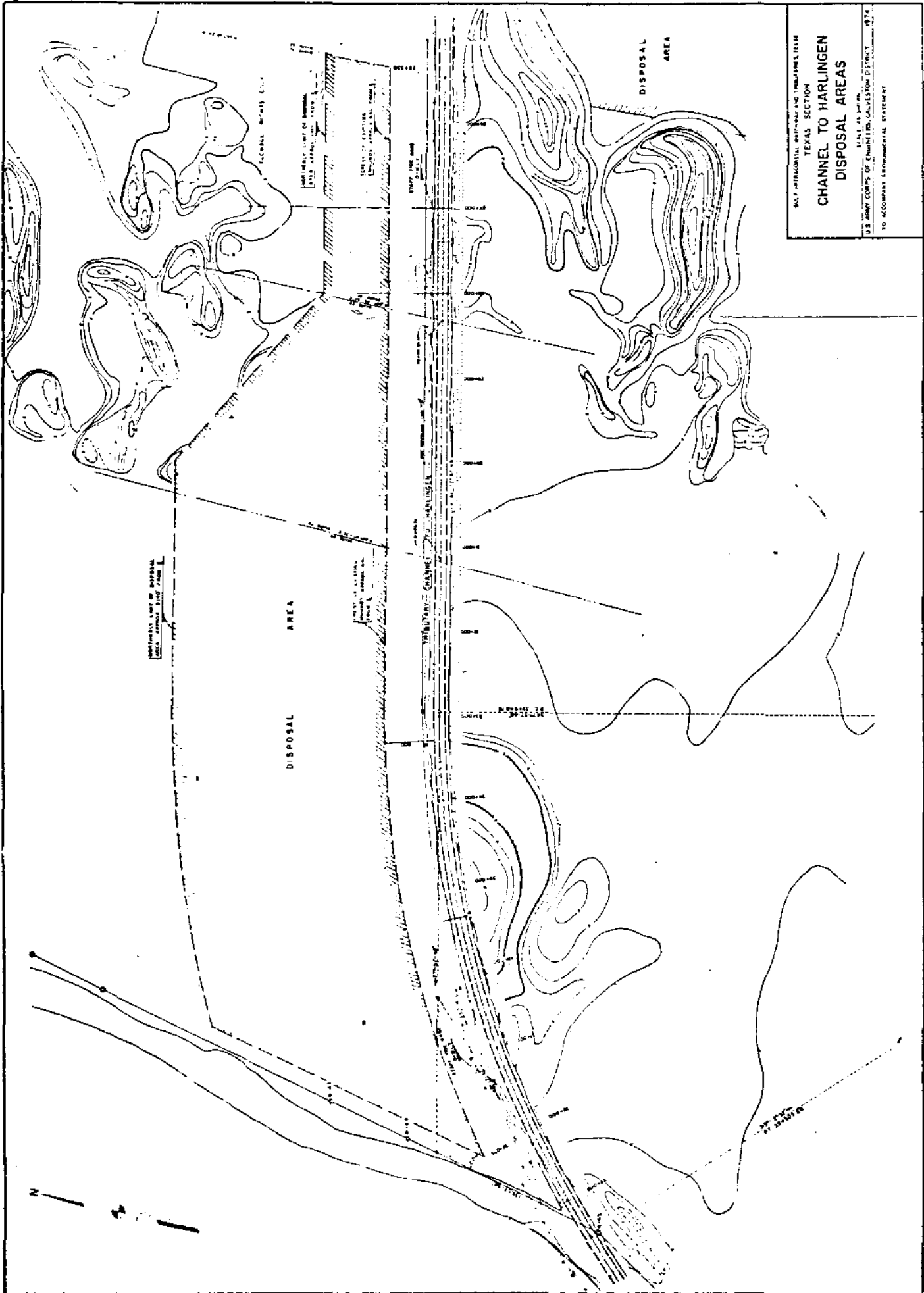
CHANNEL TO HARLINGEN DISPOSAL AREAS

U.S. ARMY CORPS OF ENGINEERS, CALISTO GASTON DISTRICT, 1974

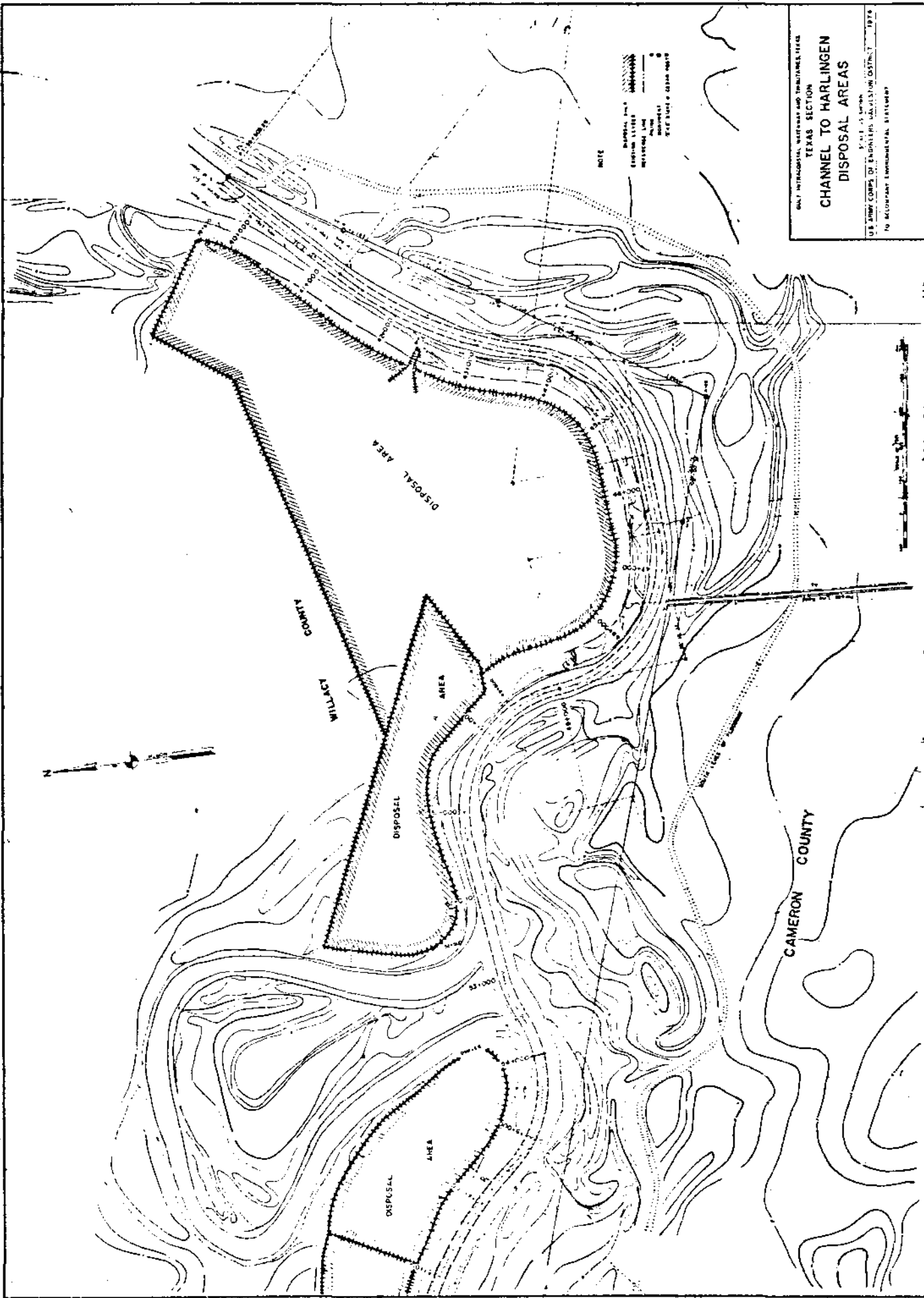
TO ACCOMPANY ENVIRONMENTAL STATEMENT



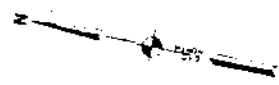




SALT WATER TREATMENT AND DISPOSAL, TEXAS SECTION  
**CHANNEL TO HARLINGEN DISPOSAL AREAS**  
 MAY 1974  
 U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

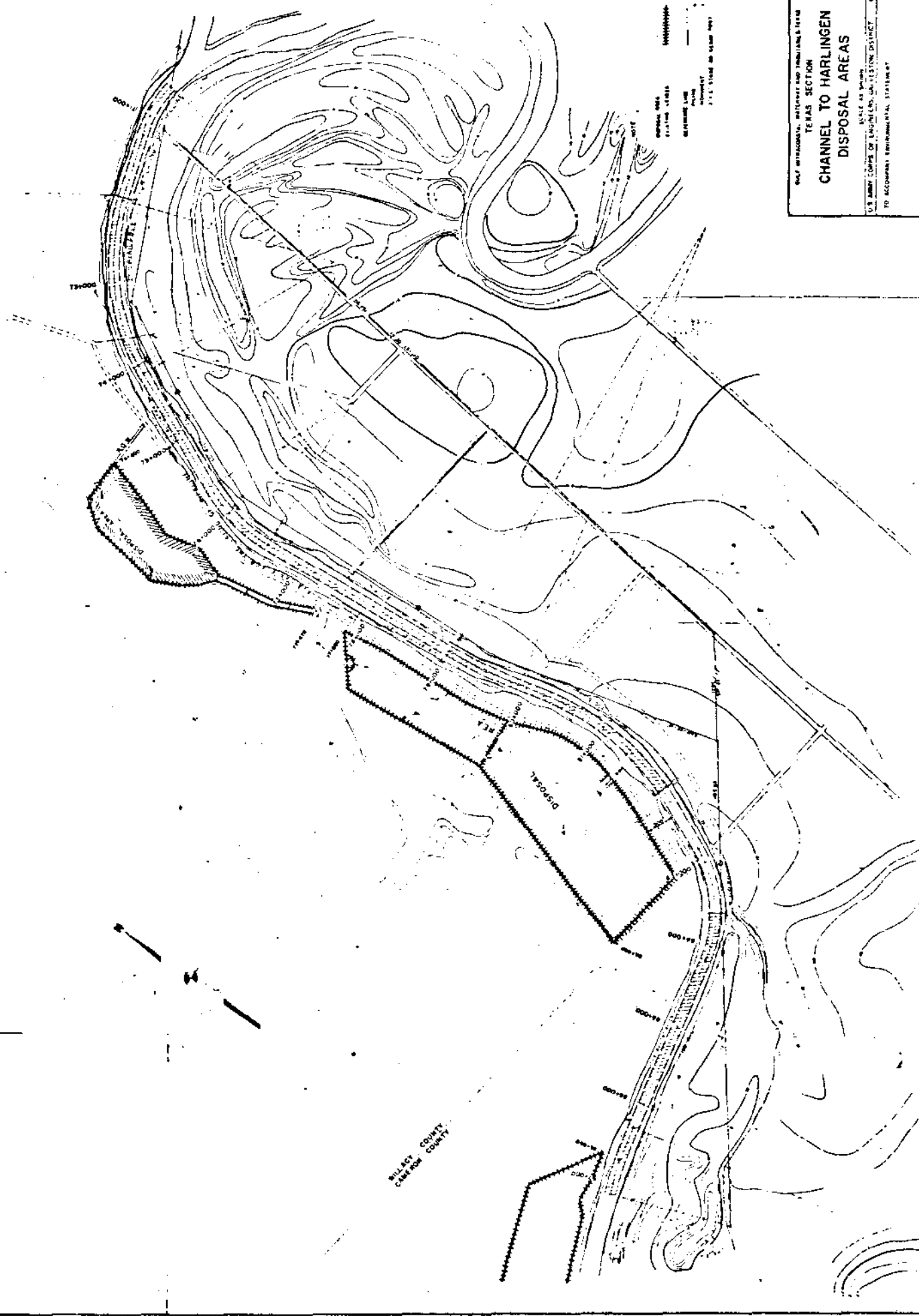


ONLY HYDROLOGICAL, WATERWAY AND TERRAIN DATA  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN  
 DISPOSAL AREAS**  
 SCALE: AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, WASHINGTON, D.C. 20315  
 IN ACCORDANCE WITH FEDERAL REGULATIONS



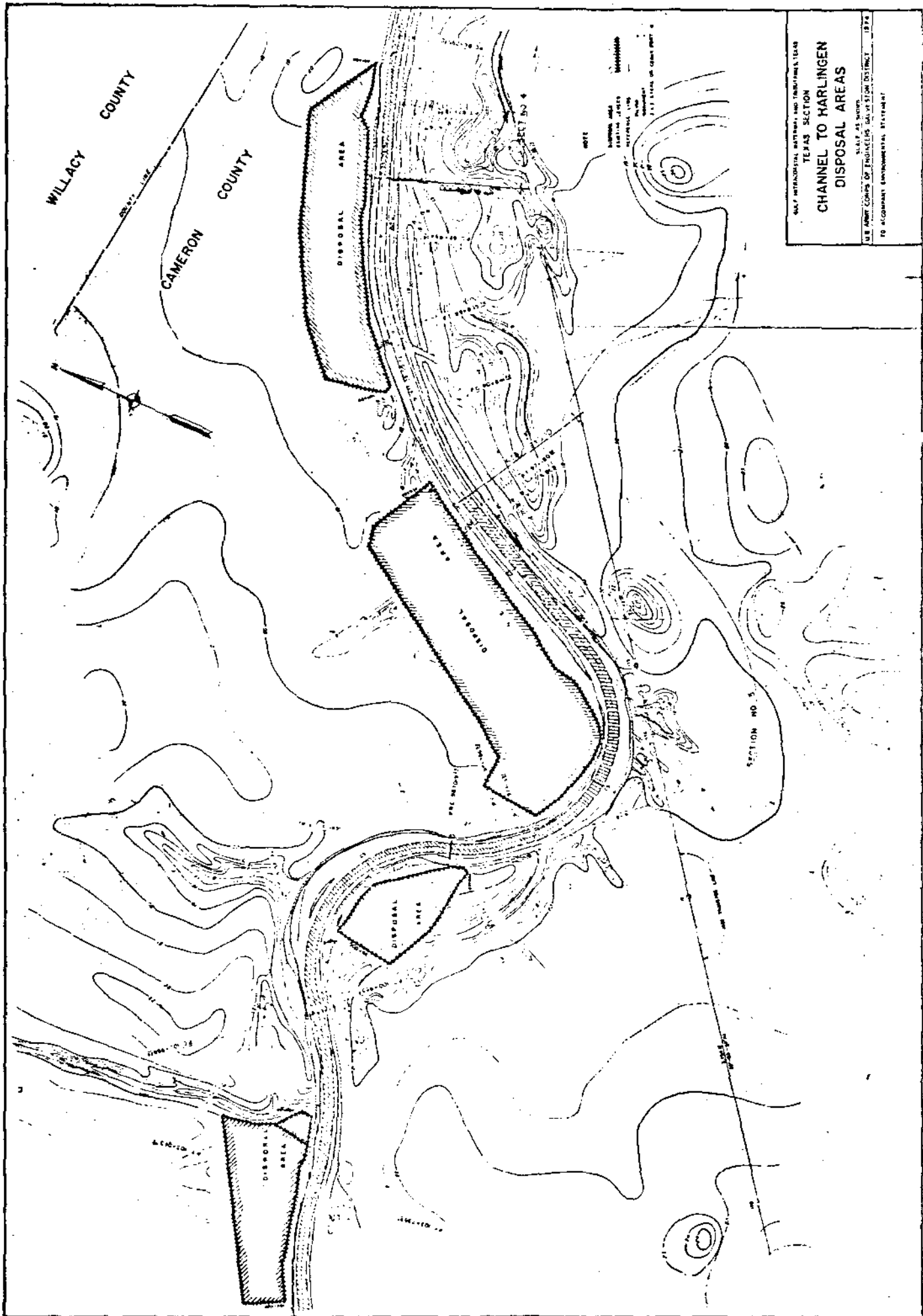
NOTE  
 ORIGINAL DATE  
 SYSTEM USED  
 METRIC CONVERSION  
 U.S. ARMY ENGINEERING DISTRICT  
 6170 DALLAS AVENUE  
 FORT BELLEVILLE, ILLINOIS  
 SCALE OF FEET

SOFT INTERPOLATED, MATHEMATICAL AND MECHANICAL PLANT  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN  
 DISPOSAL AREAS**  
 5, 11, 17, 21, 24  
 U.S. ARMY CORPS OF ENGINEERS, WASHINGTON DISTRICT, 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT



HALF INCHES, WATER AND TRAINING ISLANDS  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN  
 DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, DIVISION DISTRICT  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

WILKEY COUNTY  
 CARROLL COUNTY



ONLY INDUSTRIAL WASTEWATER AND THERMAL WASTE  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN**  
**DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICE  
 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

WILLACY COUNTY

CAMERON COUNTY

DISPOSAL AREA

CHANNEL TO HARLINGEN

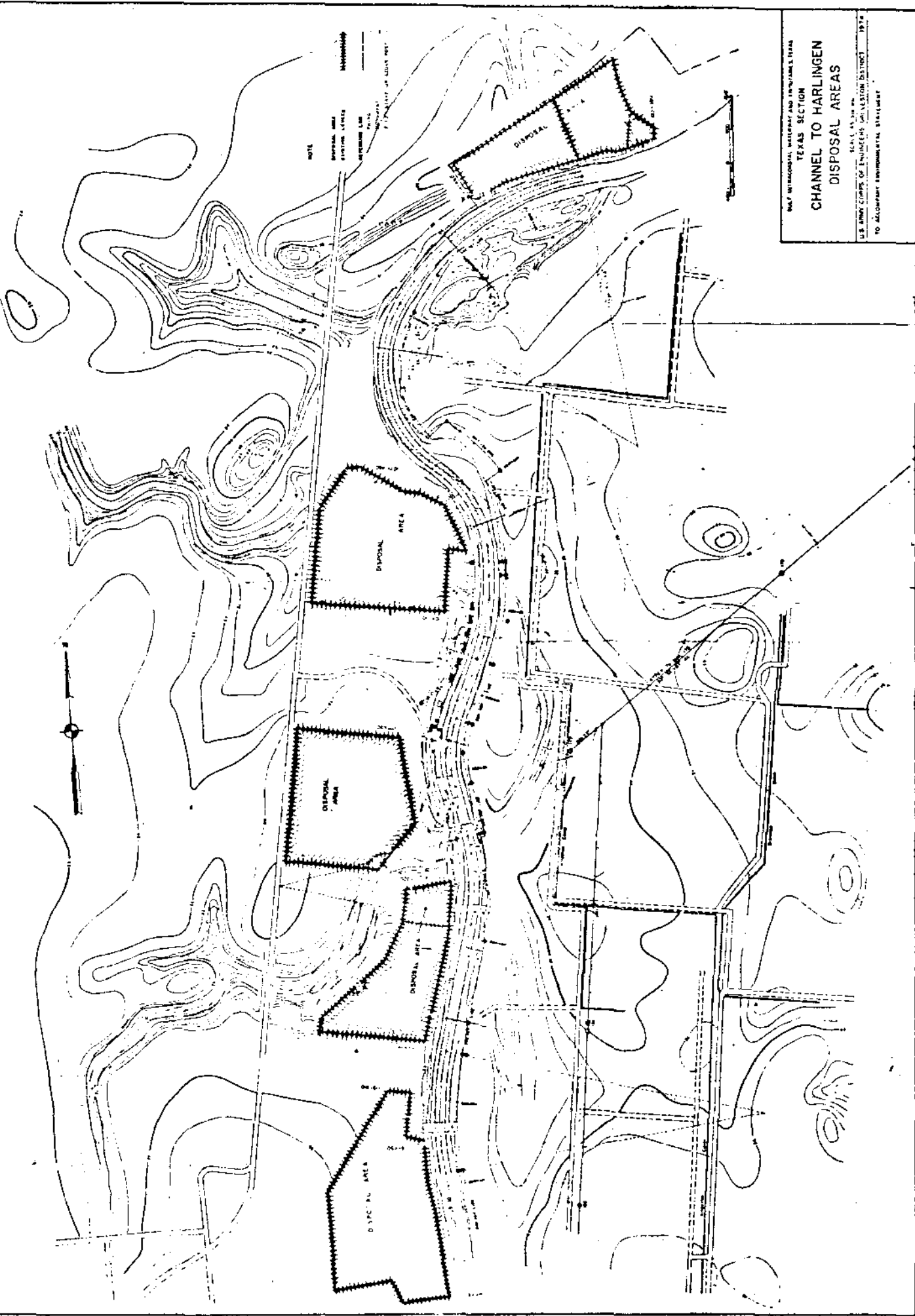
DISPOSAL AREA

DISPOSAL AREA

SECTION NO. 4

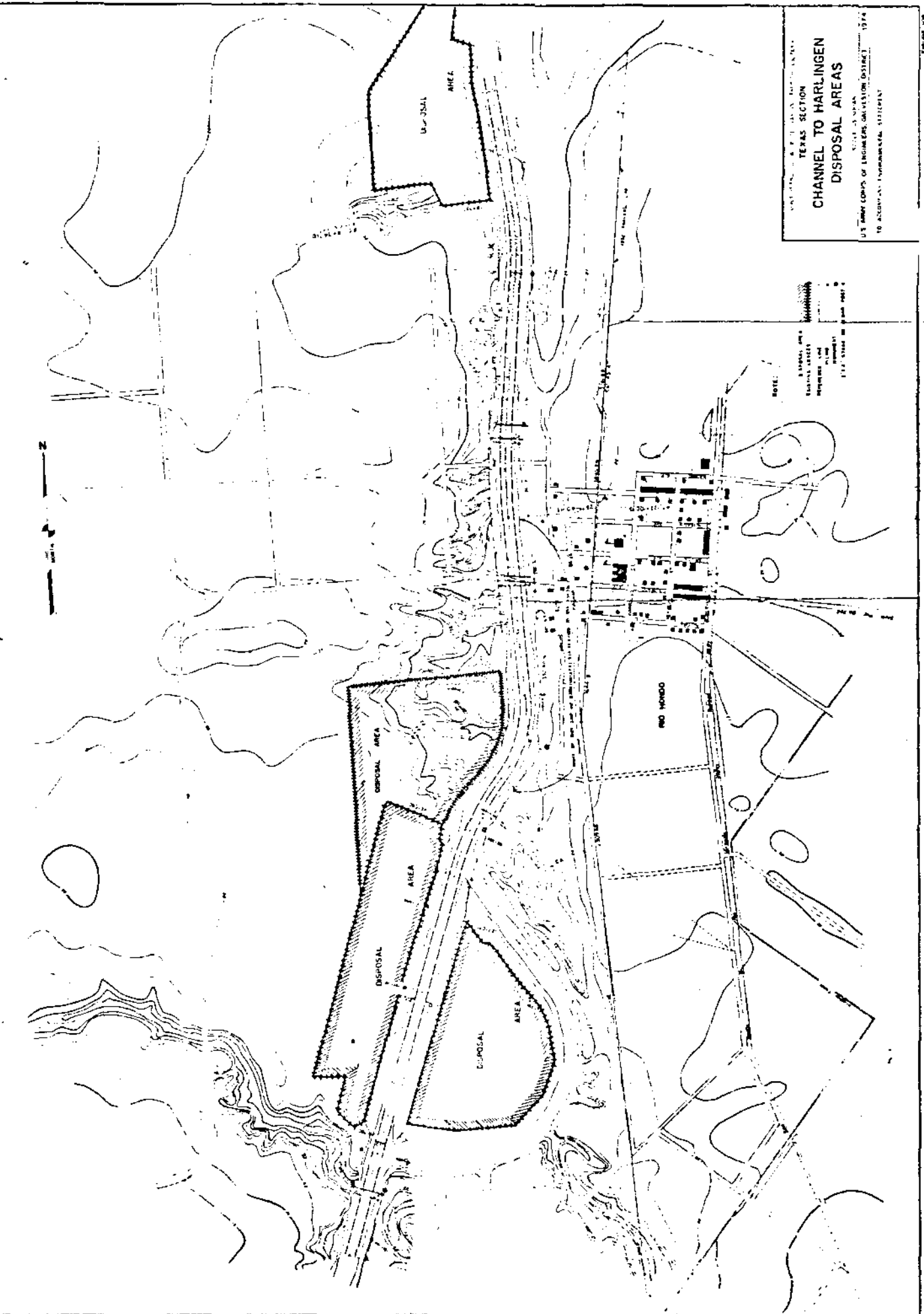
SECTION NO. 5

LEGEND  
 ROADS AND  
 ELEVATION JERES  
 DISPOSAL AREA  
 SECTION NO. 4



MAP OF DISPOSAL AREAS AND ENGINEERING STRUCTURES  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN**  
**DISPOSAL AREAS**  
 SCALE AS SHOWN  
 U.S. ARMY CORPS OF ENGINEERS, SAN ANTONIO DISTRICT 1974  
 TO ACCOMPANY ENVIRONMENTAL STATEMENT

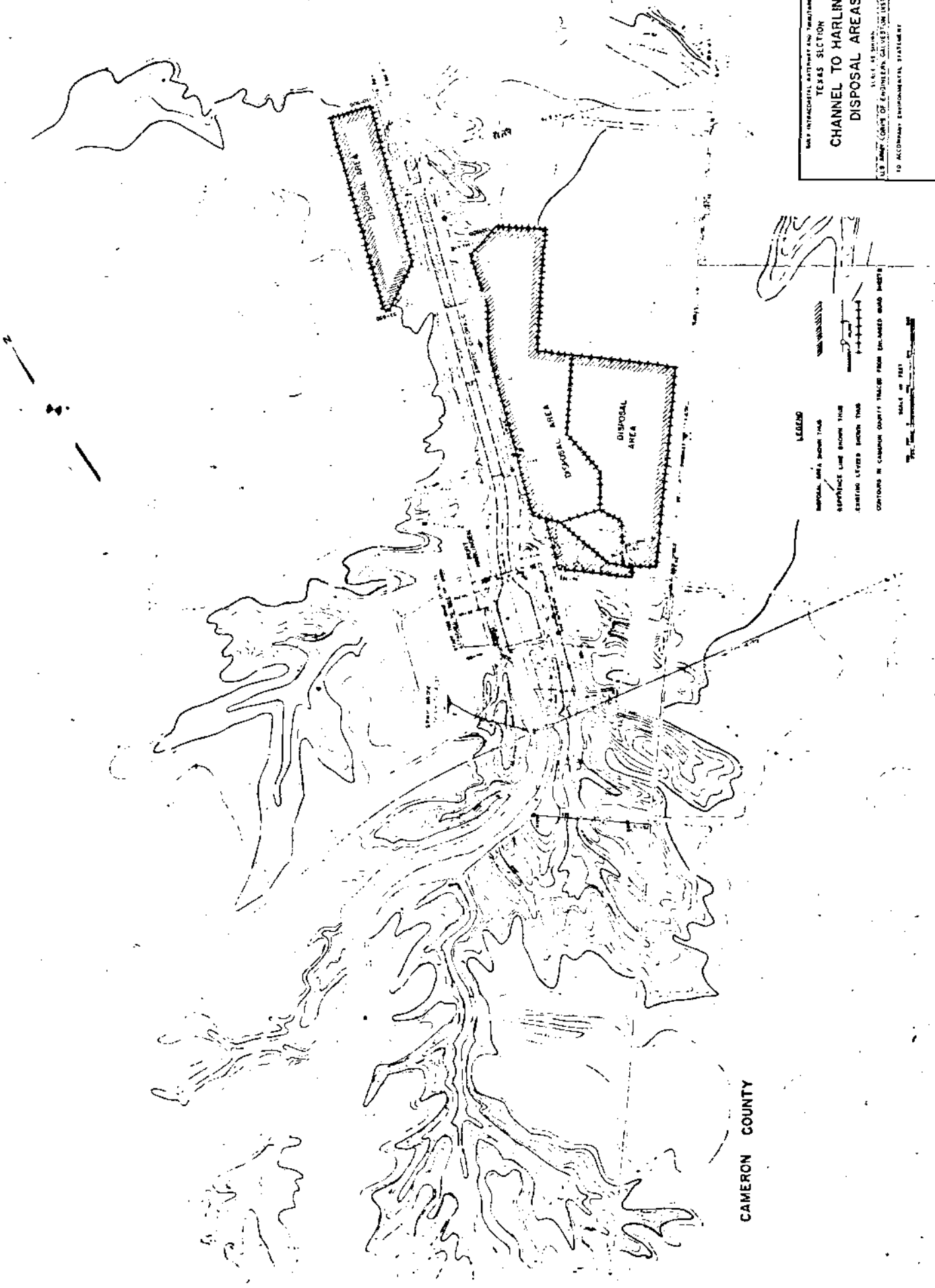




ENGINEERS  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN  
 DISPOSAL AREAS**  
 STATE OF TEXAS  
 U.S. ARMY CORPS OF ENGINEERS DISTRICT DISTRICT 1374  
 TO ASSISTANT ENGINEER GENERAL OFFICER

NOTE:  
 1. DISPOSAL AREAS  
 2. ROADWAY  
 3. RAILROAD  
 4. CANAL  
 5. STREAM  
 6. FENCE  
 7. POWER LINE  
 8. TELEPHONE LINE  
 9. 1:25,000 SCALE

MAY INTERSTATE ROUTE AND TARRANT ROAD  
 TEXAS SECTION  
**CHANNEL TO HARLINGEN**  
**DISPOSAL AREAS**  
 SHEET 41 OF 49  
 U.S. ARMY CORPS OF ENGINEERS, CALVESTON DISTRICT 1972  
 AN ACCOMPANYING ENVIRONMENTAL STATEMENT



**LEGEND**  
 DISPOSAL AREA HATCHED THIS  
 ASPHALT ROAD SHOWN THIS  
 SURFACE USE SHOWN THIS  
 GRADE LINES SHOWN THIS  
 CONTOURS IN CAMERON COUNTY TAKE FROM ENCLOSED ROAD SHEETS  
 SCALE: 1" = 1000'  
 DATE: 10/1972

CAMERON COUNTY