

THE BOARD OF COMMISSIONERS OF THE ORLEANS LEEVE DISTRICT

CONTRACT 2043-0489

BOARD OF COMMISSIONERS
ORLEANS LEEVE DISTRICT

STEVEN O. MEDO, JR.	PRESIDENT
JOHN H. ROSS	VICE-PRESIDENT
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JAMES E. SMITH, JR.	COMMISSIONER

EXCAVATION AND FLOOD PROTECTION - 17TH STREET CANAL

PHASE IB

HAMMOND HWY. TO SOUTHERN RAILWAY

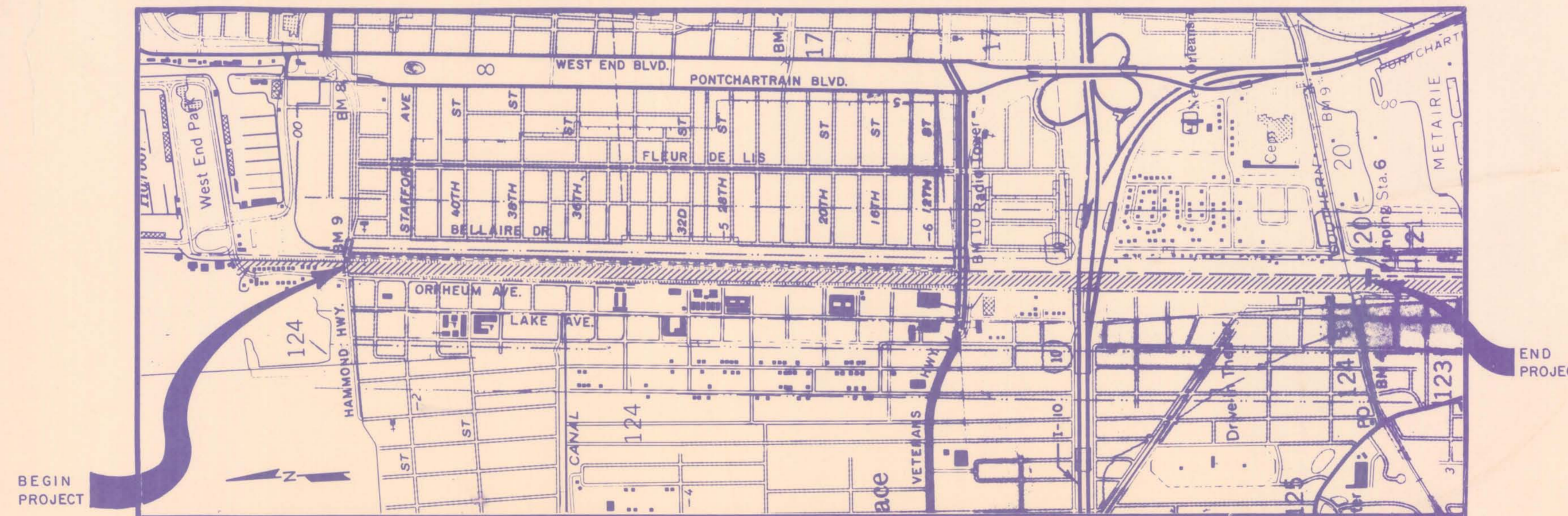
APPROVALS

C.E. Bailey 2/7/90
C.E. BAILEY - CHIEF ENGINEER (LA. LIC. #06060)
ORLEANS LEEVE DISTRICT DATE



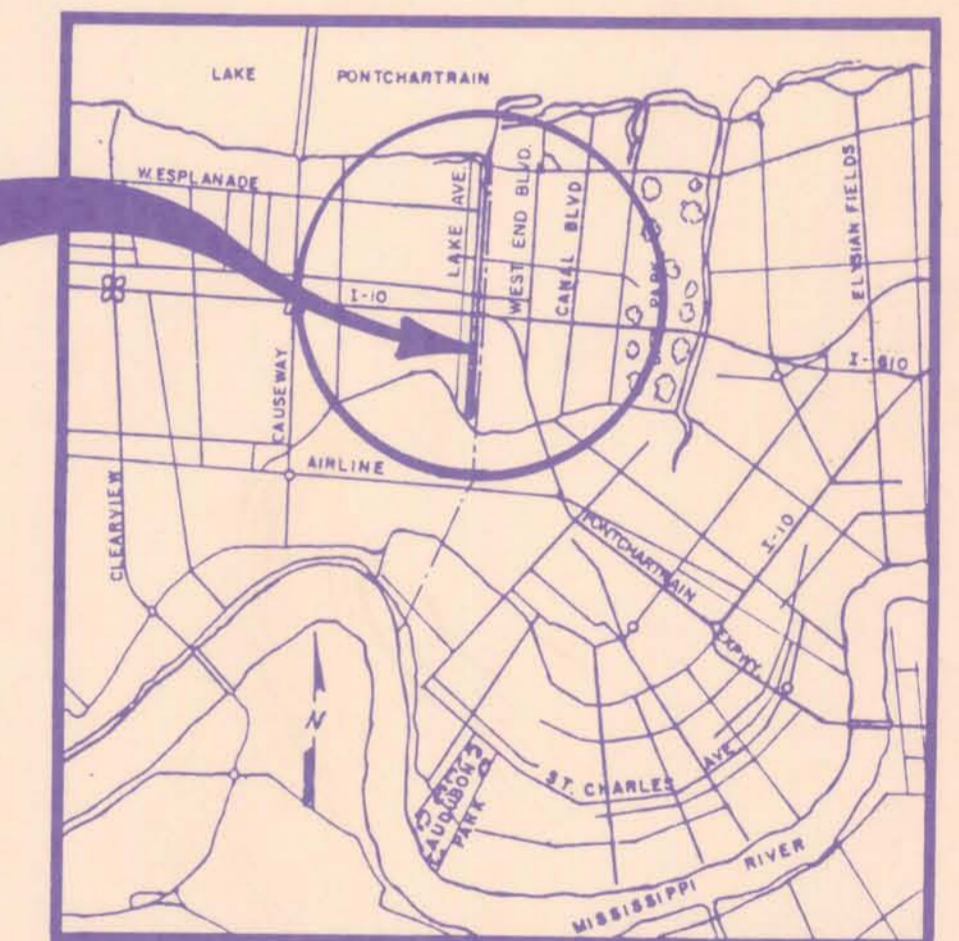
William B. Conway 2/7/90
WILLIAM B. CONWAY
MODJESKI AND MASTERS ENGINEERS DATE

INDEX	
DRWG. NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL PLAN
3	GENERAL NOTES
4-6	TYPICAL SECTIONS
7-18	PLAN AND PROFILE
19	SHEET PILE DETAILS
20	RELOCATION OF FIBER OPTIC LINE
21	STONE REVETMENT DETAILS
22-43	CROSS SECTIONS



PROJECT LOCATION

END PROJECT



VICINITY MAP

PROJECT LOCATION



AS BUILT

DATE		DESCRIPTION		BY

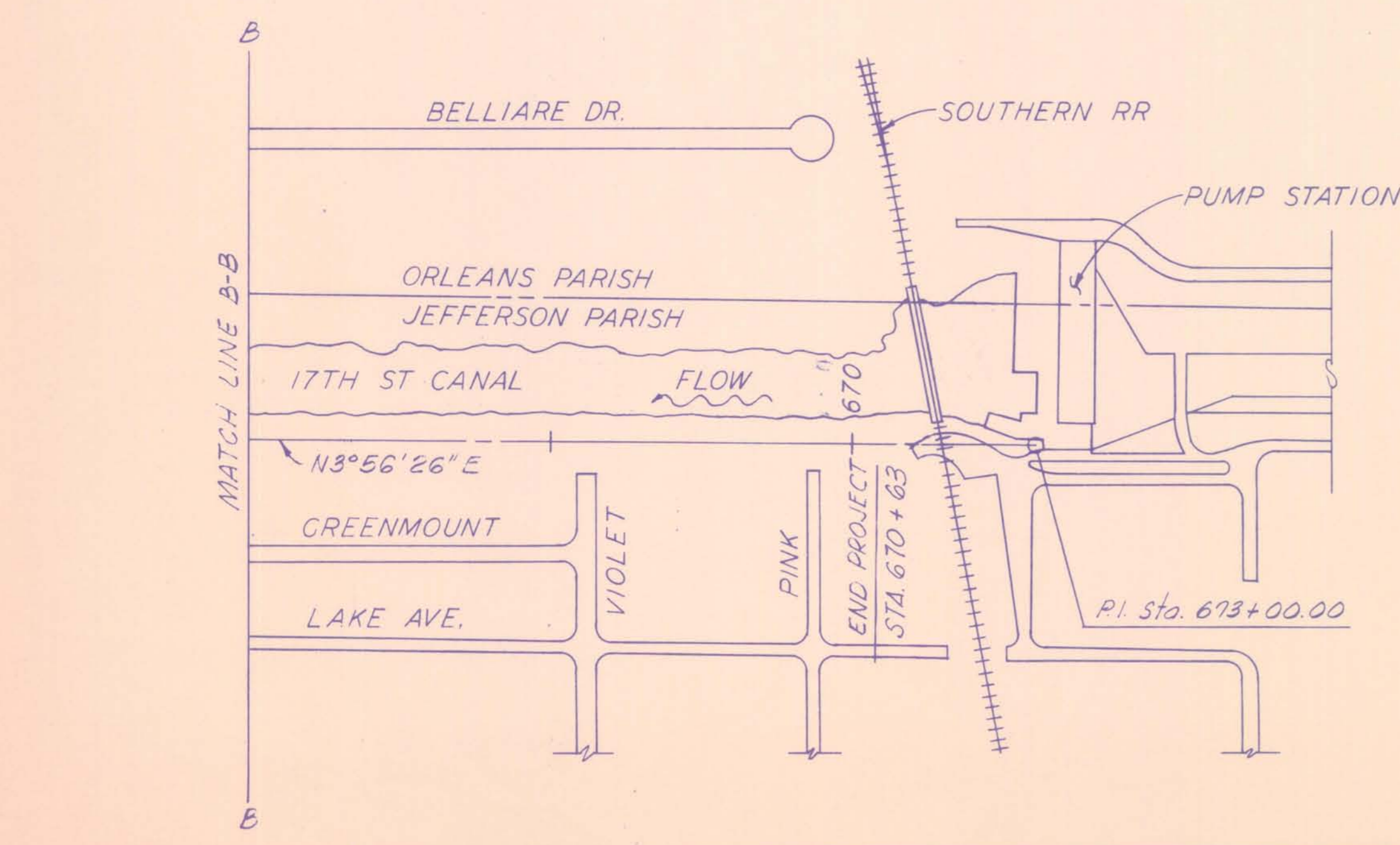
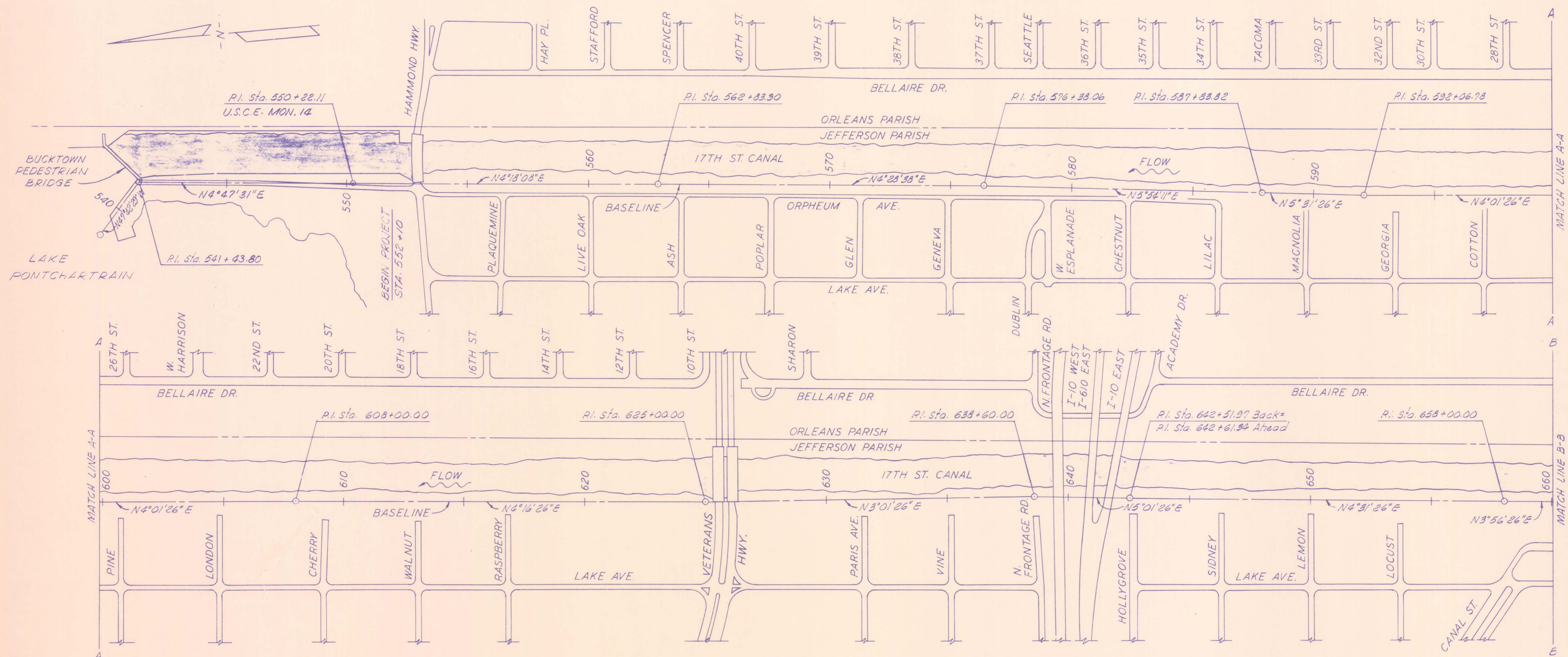
New Orleans		Louisiana		DRWG. BY
DESIGNED		DETAILED		SCALE
CHECKED		CHECKED		DATE FEB 7 1990
				DRWG. NO. 1 OF 43

The Board of Commissioners
OF THE
Orleans Levee District

17TH STREET CANAL

TITLE SHEET

LA 02-73



BENCHMARK DATA
 U.S.C.E. MON. 14 : @ STA. 550+22.11 ~ ELEV. 8.77 M.S.L.

NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.

The Board of Commissioners
 OF THE
Orleans Levee District

17TH STREET CANAL

GENERAL PLAN

Modjecki & Masters		DRAWN BY
New Orleans Louisiana		SCALE 1" = 20'-0"
DESIGNED	DETAILED	DATE FEB 7 1990
CHECKED	CHECKED	DRWG. NO. 2 OF 43

AS BUILT

DATE	DESCRIPTION	BY	REVISIONS

DESCRIPTION OF WORK

- THIS PROJECT CONSISTS OF THE FOLLOWING WORK:
- DEMOLITION AND REMOVAL OF ALL EXISTING STRUCTURES AND OBSTRUCTIONS IN THE CANAL BETWEEN HAMMOND HIGHWAY AND THE SOUTHERN RAILWAY.
 - REMOVAL OF EXISTING SHEET PILE, AND DEMOLITION AND REMOVAL OF ITS CONCRETE CAP, ON THE ORLEANS LEVEE FROM HAMMOND HIGHWAY TO BASELINE STA. 634 + 65.
 - DREDGING OF THE ORLEANS SIDE OF THE CANAL BETWEEN HAMMOND HIGHWAY AND INTERSTATE 10, AND DISPOSAL OF ALL DREDGE MATERIAL.
 - RESHAPING OF THE ORLEANS LEVEE BETWEEN HAMMOND HIGHWAY AND THE SOUTHERN RAILWAY, AND DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL AT THE DESIGNATED SITE.
 - CONSTRUCTION OF A CANTILEVER STEEL SHEET PILE WALL BETWEEN HAMMOND HIGHWAY AND THE SOUTHERN RAILWAY, AND PROVIDING FOR VIBRATION MONITORING TO BE IN EFFECT DURING ALL PILE DRIVING OPERATIONS.
 - TURFING OF DISTURBED AND REGRADED AREAS WITHIN THE PROJECT LIMITS AND AT THE DISPOSAL SITE FOR EXCESS LEVEE EXCAVATION MATERIAL.
 - CONSTRUCTION OF STONE REVETMENTS UNDER THE HAMMOND HIGHWAY, VETERANS HIGHWAY AND INTERSTATE 10 BRIDGES.
 - CONSTRUCTION OF A CONCRETE REVETMENT ON THE ORLEANS LEVEE, SOUTH OF THE HAMMOND HIGHWAY BRIDGE.
 - COORDINATING WITH U.S. SPRINT TO RELOCATE ONE OF THEIR FIBER OPTIC LINES.
 - PROVIDING FOR A PRECONSTRUCTION SURVEY OF ALL PROPERTIES ALONG THE ORLEANS LEVEE FROM HAMMOND HIGHWAY TO THE SOUTHERN RAILWAY.

GENERAL NOTES

- ELEVATIONS REFER TO MEAN SEA LEVEL.
- NORMAL WATER SURFACE ELEVATION RANGE IS FROM EL. 1-0 TO EL. 2-0.
- FOR CONSTRUCTION SEQUENCE, SEE SECTION 2-20 OF THE CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT A PLAN FOR APPROVAL BY THE ENGINEER, INDICATING ALL POINTS OF ACCESS TO THE WORK SITE.
- THE CONTRACTOR SHALL MAINTAIN AT ALL TIMES, A LEVEL OF FLOOD PROTECTION EQUALING OR EXCEEDING THAT PRESENTLY EXISTING. ANY PLANS FOR TEMPORARY FLOOD PROTECTION MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORK. TEMPORARY FLOOD PROTECTION MAY NOT EXCEED 250 FEET IN LENGTH.
- THE CONTRACTOR SHALL PULL THE EXISTING SHEET PILING ON THE ORLEANS LEVEE, AS INDICATED IN THESE PLANS AND AS DESCRIBED IN THE CONTRACT SPECIFICATIONS. (SEE DRWG. NO. 19 FOR DETAILS OF THE EXISTING SHEET PILING.) NOTE THAT SOME OF THE EXISTING SHEET PILING WILL BE REUSED IN THIS PROJECT, AND SOME WILL BE HAULED AND OFF-LOADED AT AN ORLEANS LEVEE BOARD PROPERTY. THE ORDER AND TIMING OF PULLING SHALL BE AS SPECIFIED IN THE SEQUENCE OF CONSTRUCTION.
- COAL TAR EPOXY SHALL BE APPLIED TO ALL STEEL SHEET PILING IN ACCORDANCE WITH SECTION 5-06.4 OF THE CONTRACT SPECIFICATIONS.
- DREDGING SHALL BE PERFORMED VIA A BARGE MOUNTED DREDGE. SILT SCREENS SHALL BE PLACED WITHIN 200 FEET DOWNSTREAM AND UPSTREAM OF THE DREDGING OPERATION.
- ALL DREDGE MATERIAL AS DEFINED IN SECTION 4-01.1 OF THE CONTRACT SPECIFICATIONS SHALL BE HAULED IN LINED TRUCKS TO AN APPROVED DISPOSAL SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AN APPROPRIATE DISPOSAL SITE IN ACCORDANCE WITH SECTION 4-04.2 OF THE CONTRACT SPECIFICATIONS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE CLOSE PROXIMITY OF RESIDENCES ALONG THE ENTIRE LENGTH OF THE PROJECT SITE. HE SHALL EXERCISE EXTREME CAUTION AT ALL TIMES WHEN WORKING ON THE LEVEE CROWN AND HE SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE RESULTING FROM HIS OPERATIONS. (SEE SECTIONS 2-11 AND 2-12 OF THE CONTRACT SPECIFICATIONS.)

MATERIALS

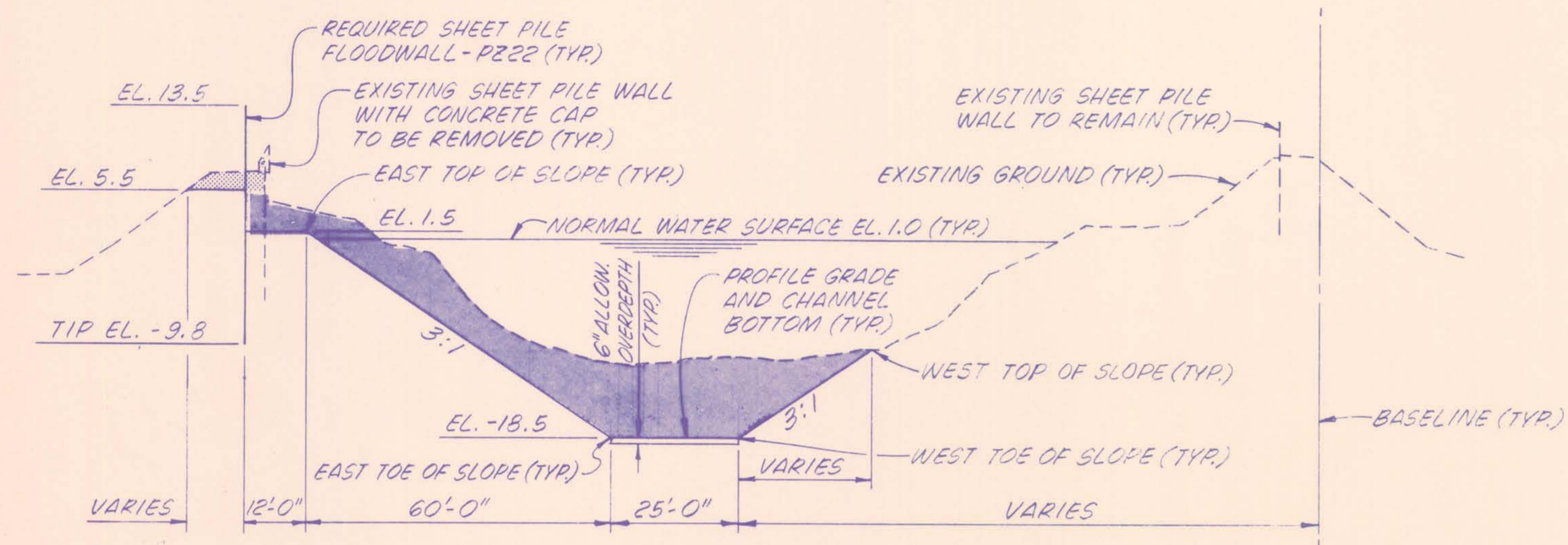
- STRUCTURAL STEEL MATERIALS

TYPE OF STEEL	ITEM
A328	P222 SHEET PILING
A36	ANGLE FOR FABRICATED SHEET PILE SECTION
A325	BOLTS FOR FABRICATED SHEET PILE SECTION

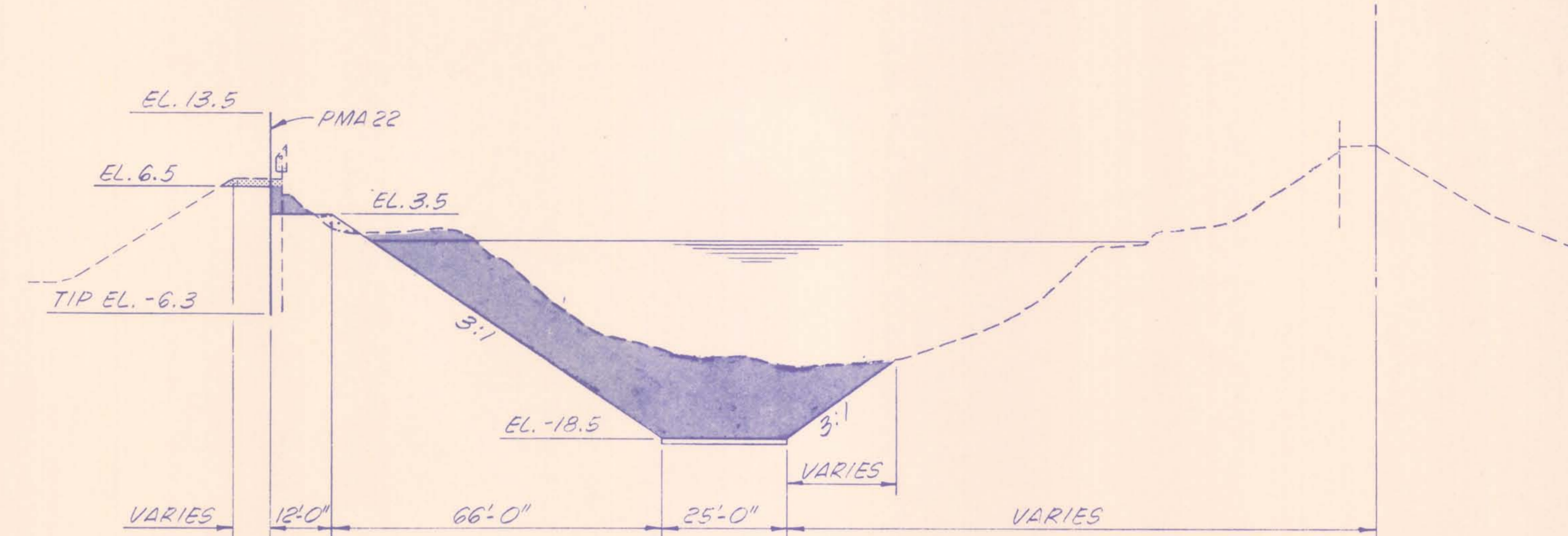
AS BUILT

DATE	DESCRIPTION	BY

<p>The Board of Levee Commissioners OF THE Orleans Levee District</p>			
<p>17TH STREET CANAL</p>			
<p>GENERAL NOTES</p>			
<p>Modjeski & Masters</p>		<p>DRWG. BY</p>	
<p>New Orleans</p>	<p>Louisiana</p>	<p>SCALE</p>	
<p>DESIGNED</p>	<p>DETAILED</p>	<p>DATE FEB 7 1990</p>	
<p>CHECKED</p>	<p>CHECKED</p>	<p>DRWG. NO. 3 OF 43</p>	

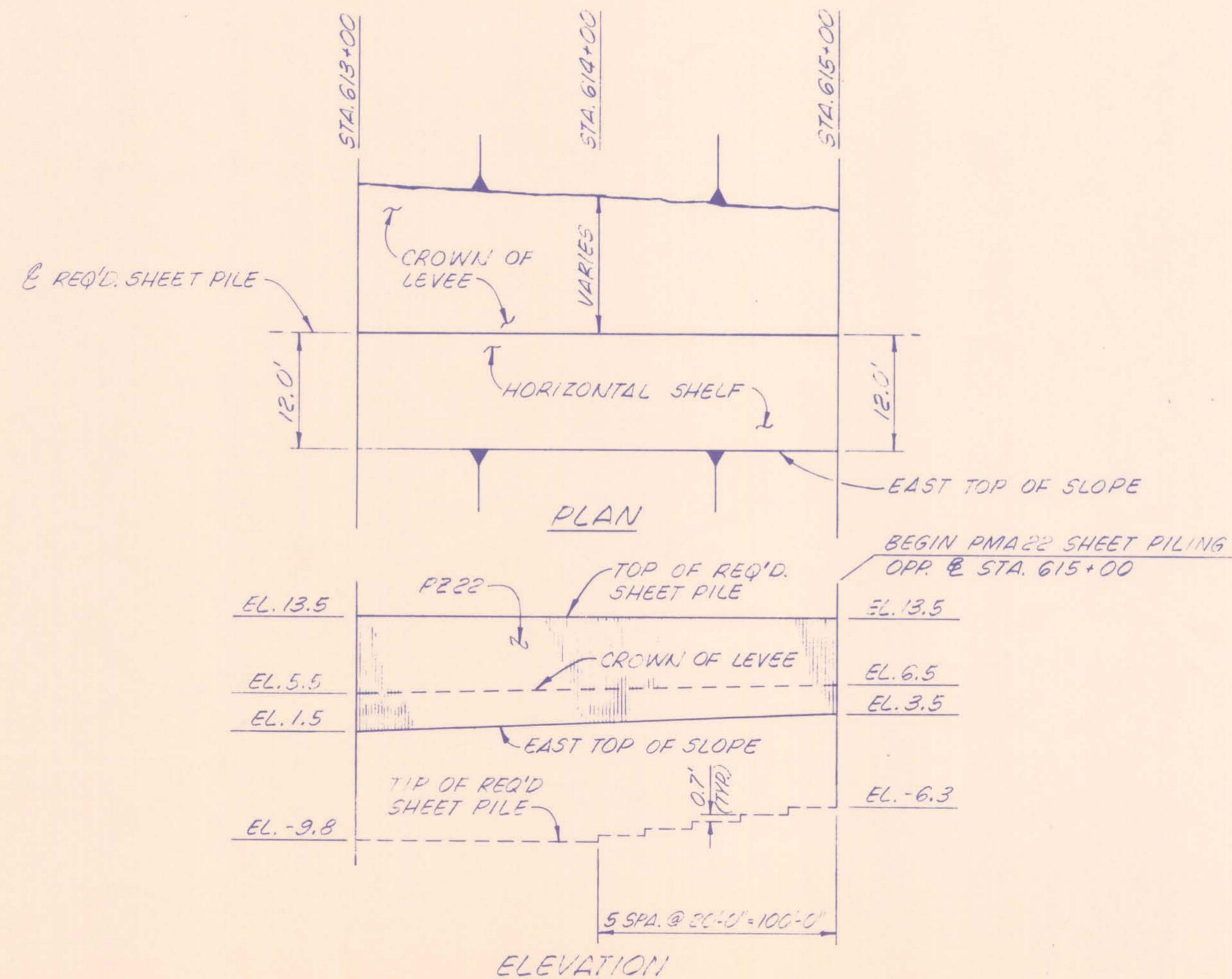


STA. 553+70 TO STA. 613+00
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.



STA. 615+00 TO STA. 624+27
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.

- LEGEND**
- EXCAVATION
 - FILL
 - DREDGING



TRANSITION
 STA. 613+00 TO STA. 615+00
 NO SCALE

NOTES:
 ELEVATIONS REFER TO MEAN SEA LEVEL.
 CROSS-SECTIONS ARE SHOWN LOOKING UPSTATION.
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR DETAIL SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 22 THRU 34.
 FOR BASELINE OFFSETS, SEE DRWG. NOS. 7 THRU 14.
 PMA22 SHEET PILING SHALL BE ACQUIRED FROM THE EXISTING PILING REMOVED FROM THE ORLEANS LEVEE.

HAMMOND HWY. TO VETERANS HWY.

The Board of Levee Commissioners
 OF THE
Orleans Levee District

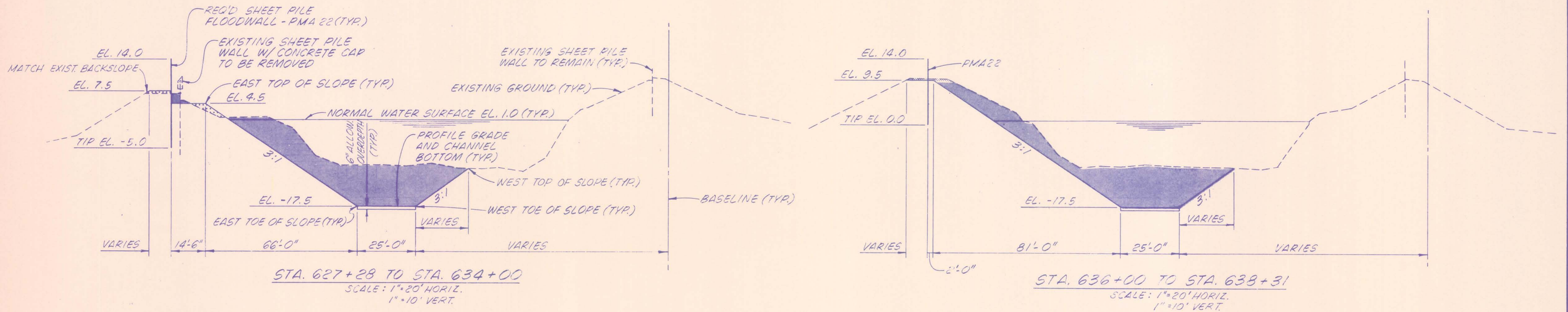
17TH STREET CANAL

TYPICAL SECTIONS - I


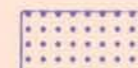

Modjeski & Masters		DRWG. BY PMR
New Orleans Louisiana		SCALE AS NOTED
DESIGNED M.L.S.	DATE	DATE FEB 7 1990
CHECKED M.L.S.	CHECKED	DRWG. NO. 4 OF 43

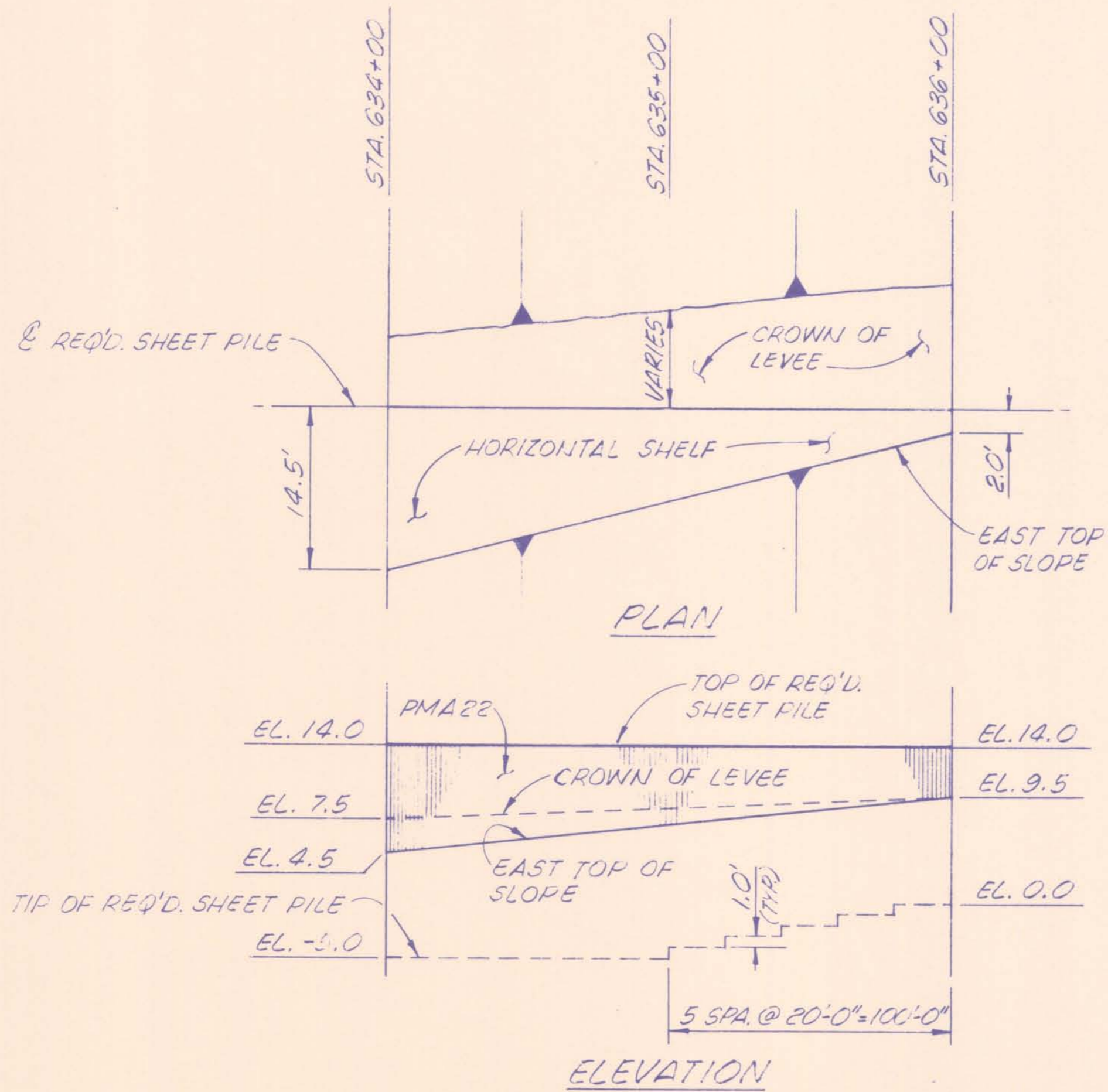
AS BUILT

DATE	DESCRIPTION	BY	
	REVISIONS		



LEGEND

-  EXCAVATION
-  FILL
-  DREDGING



TRANSITION
 STA. 634+00 TO STA. 636+00
 NO SCALE

NOTES:
 ELEVATIONS REFER TO MEAN SEA LEVEL.
 CROSS-SECTIONS ARE SHOWN LOOKING UPSTATION.
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 PMA-22 SHEET PILING SHALL BE ACQUIRED FROM THE EXISTING PILING REMOVED FROM THE ORLEANS LEVEE.
 FOR DETAIL SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 35 THRU 37.
 FOR BASELINE OFFSETS, SEE DRWG. NOS. 14 AND 15.

VETERANS HWY. TO I-10 WEST

The Board of Levee Commissioners
 OF THE
Orleans Levee District

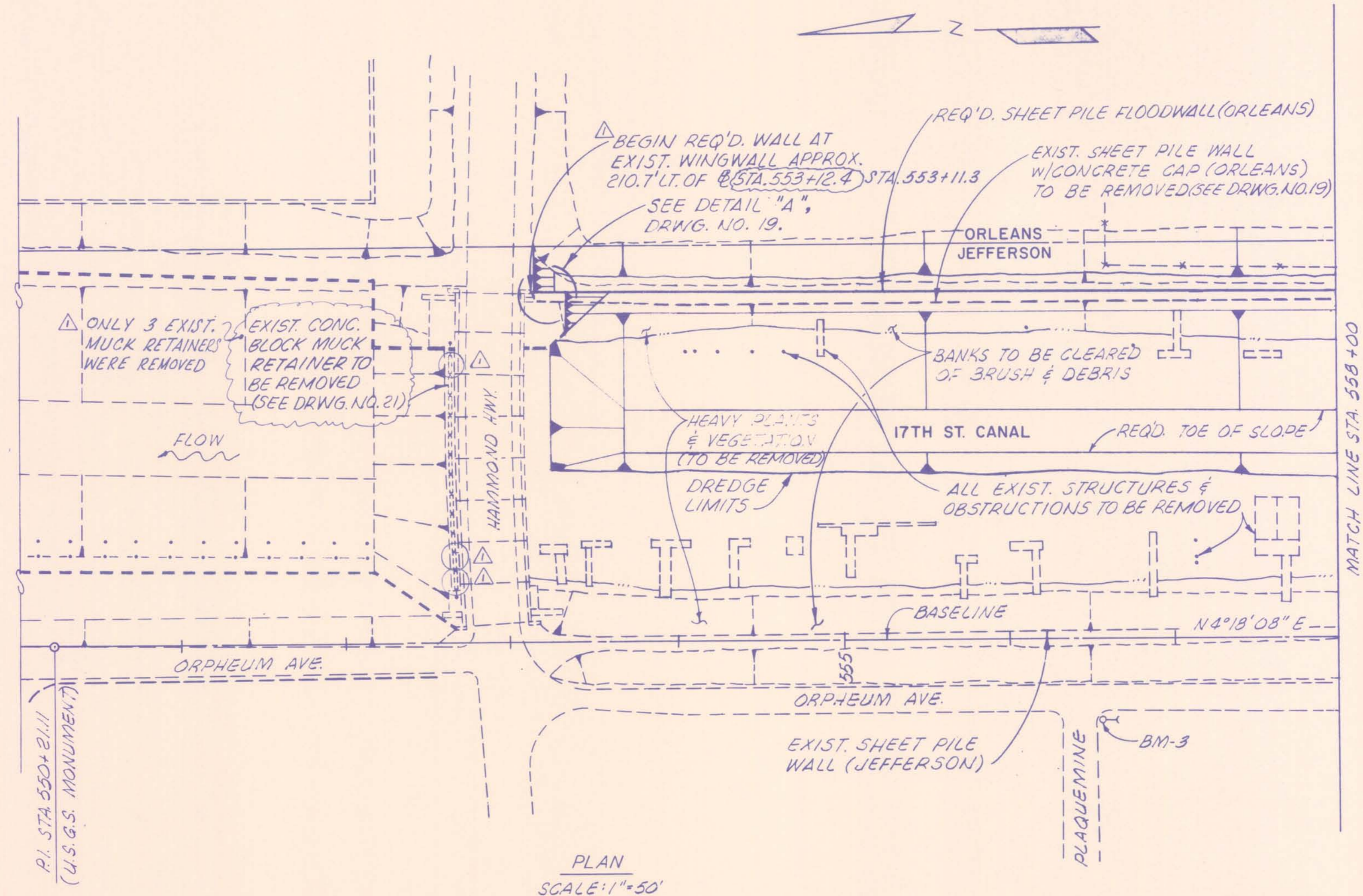
17TH STREET CANAL

TYPICAL SECTIONS - 2

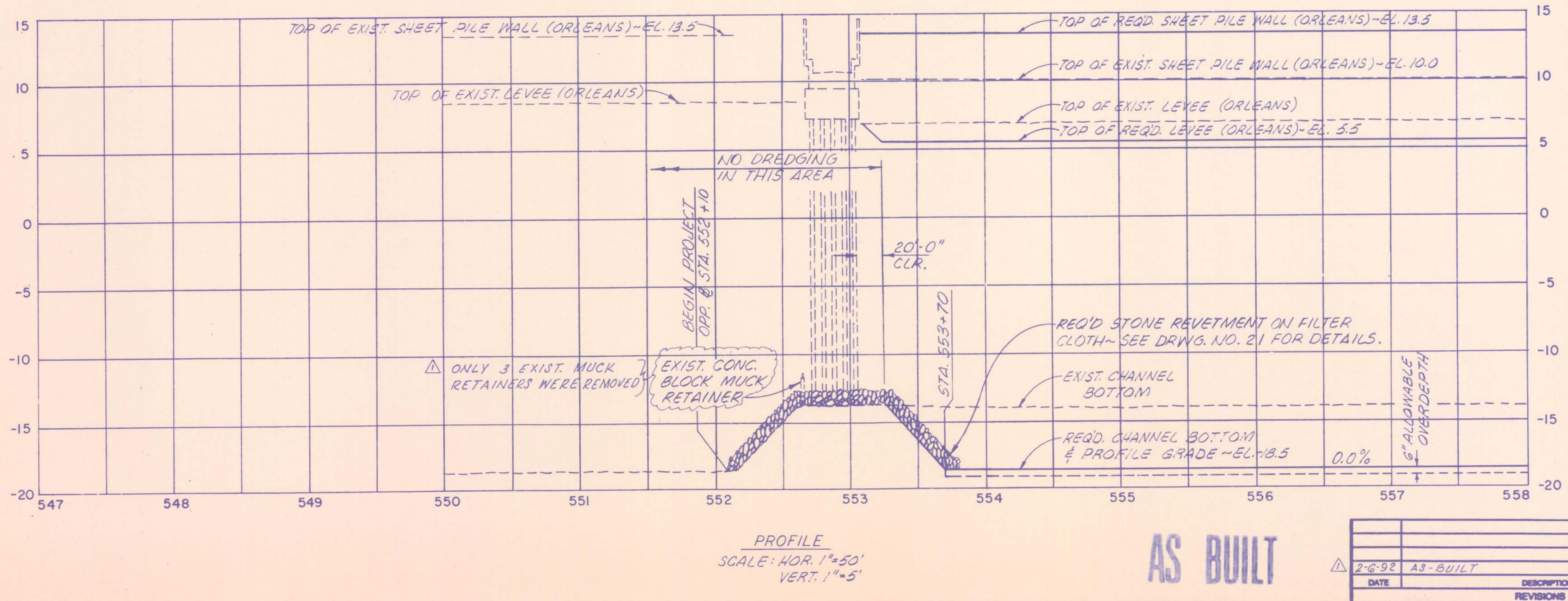
AS BUILT

DATE		DESCRIPTION		BY	DESIGNED	MLC	DETAILED	DATE	FEB 7 1990
REVISIONS					CHECKED	MLC	CHECKED	DRWG. NO.	5 OF 43

New Orleans		Louisiana		DRWG. BY	PMR
Modjeski & Masters				SCALE	AS NOTED
DATE				DATE	FEB 7 1990
CHECKED				DRWG. NO.	5 OF 43



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	© SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
553+70	138.6	198.6	210.6	13.5	-9.8
556+00	137.9	197.9	209.9	13.5	-9.8
558+00	137.3	197.3	209.3	13.5	-9.8



NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 22 AND 23.

The Board of Commissioners
 OF THE
Orleans Levee District

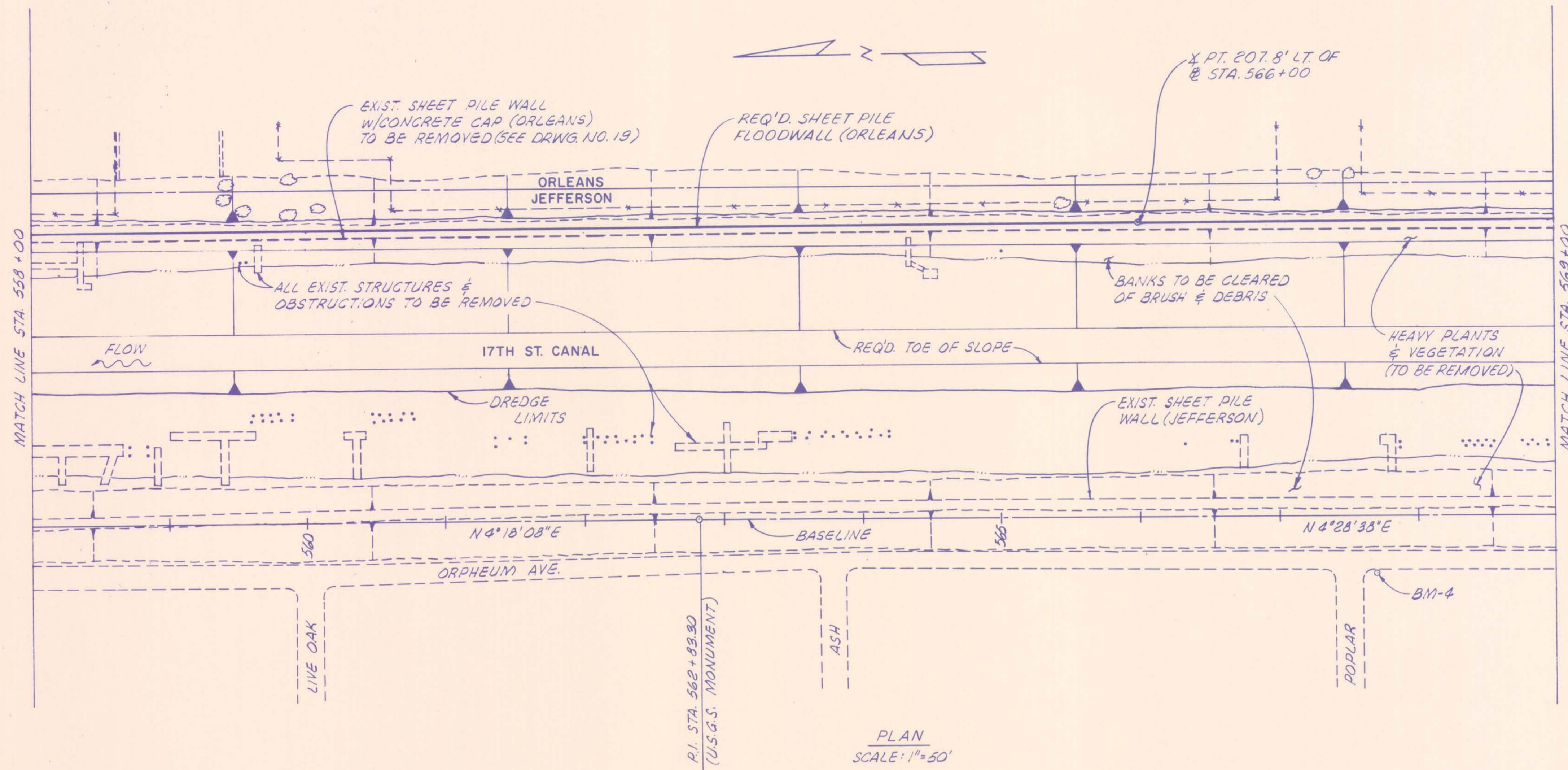
17TH STREET CANAL

PLAN & PROFILE - I

Modjeak & Masters		DRWG. BY	N.L.S.
New Orleans		DESIGNED	MLC
Louisiana		DATE	FEB 7 1990
BY		CHECKED	MLC
DATE		2-6-92	AS-BUILT
REVISIONS			

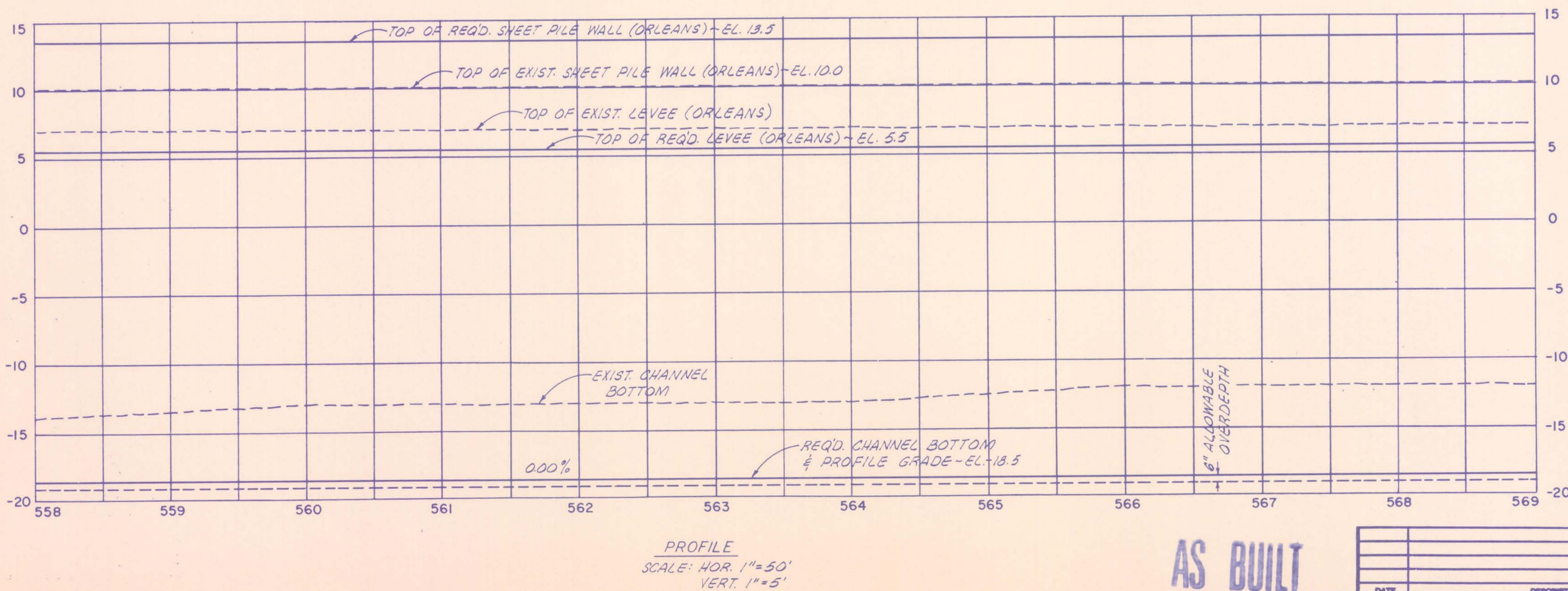
SCALE AS NOTED
 DRAWING NO. 7 OF 43

AS BUILT



STATION	ORLEANS SIDE			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	Q. SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
558+00	137.3	197.3	209.3	13.5	-9.8
560+00	136.7	196.7	208.7	13.5	-9.8
562+00	136.0	196.0	208.0	13.5	-9.8
564+00	135.8	195.8	207.8	13.5	-9.8
566+00	135.8	195.8	207.8	13.5	-9.8
568+00	135.7	195.7	207.7	13.5	-9.8

▲ SHEET PILE ANGLE POINT



NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 23 THRU 25.

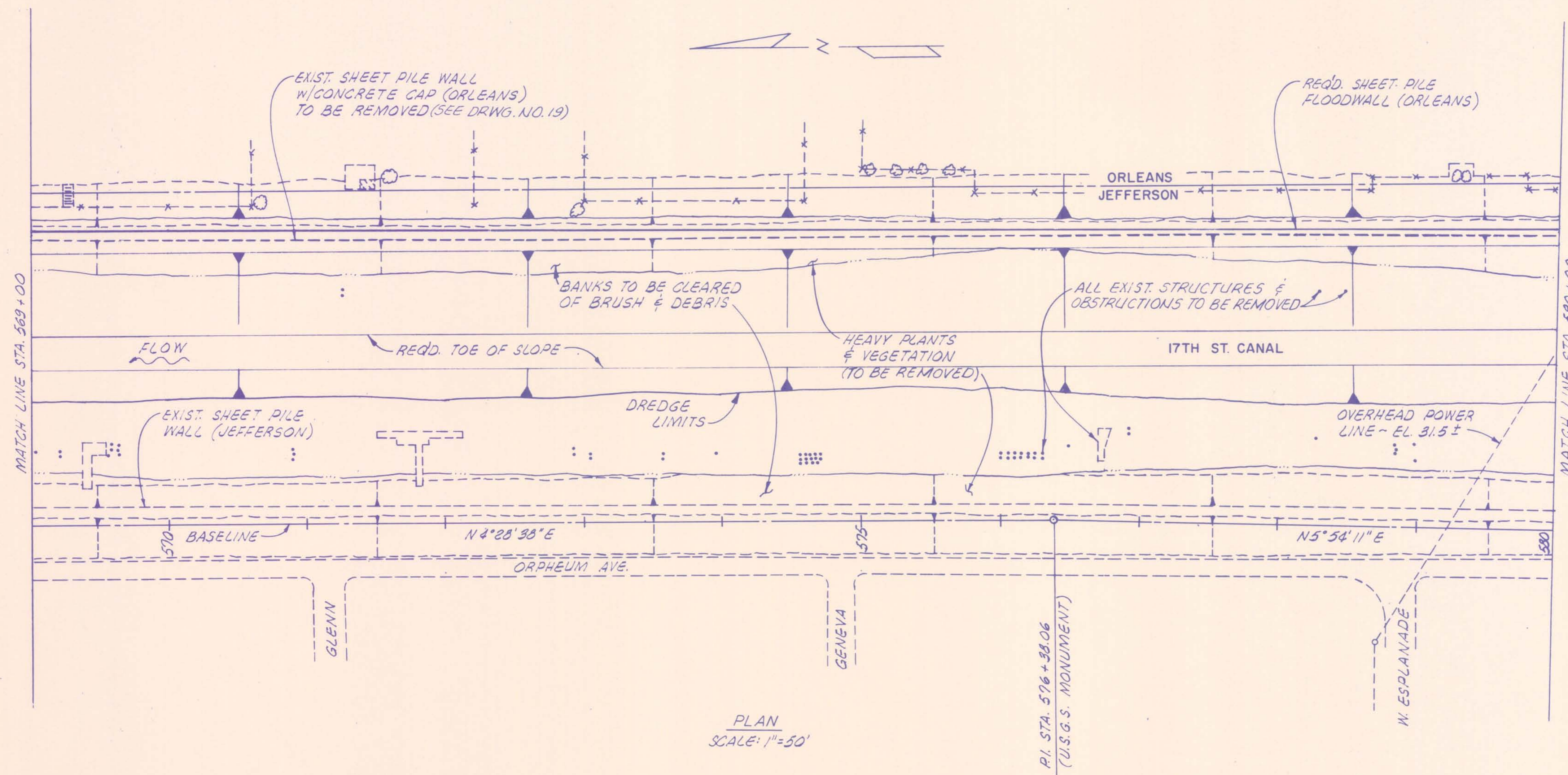
The Board of Commissioners
of the
Orleans Levee District

17TH STREET CANAL

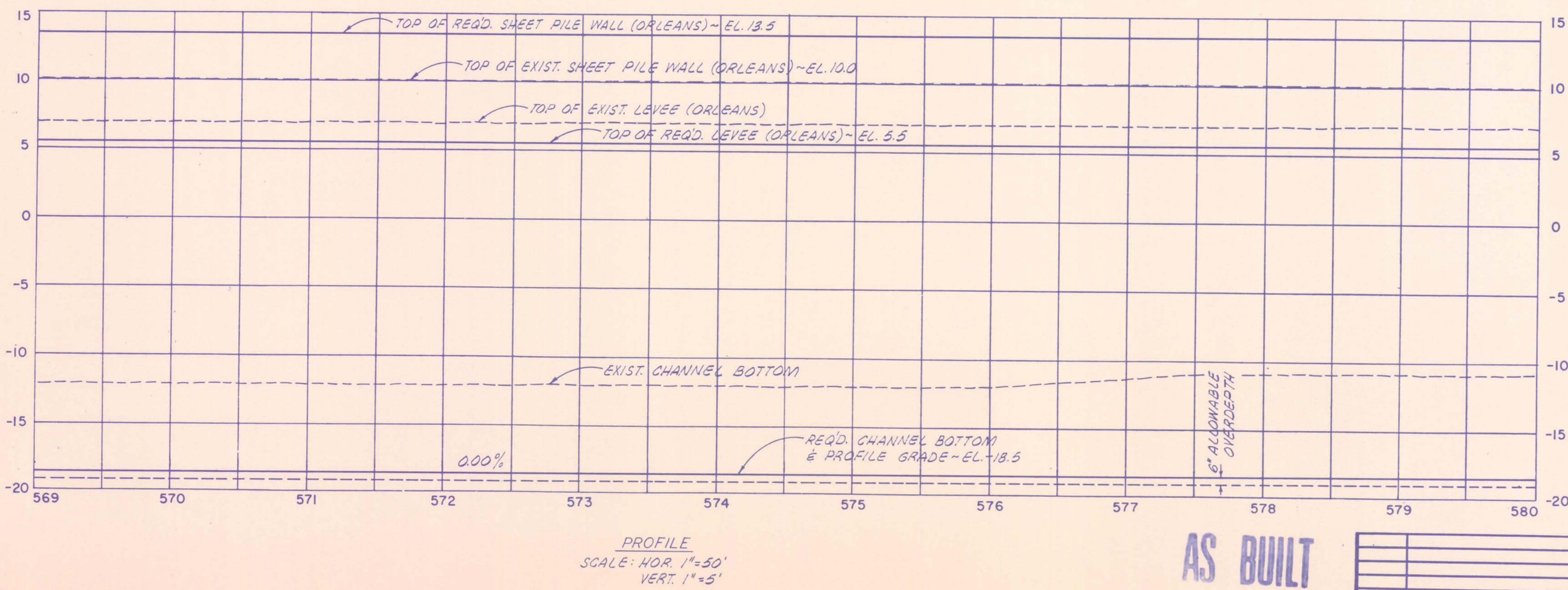
PLAN & PROFILE - 2

Modjeski & Masters		DRWG. BY	N.C.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	MLS	DATE	FEB 7 1990
CHECKED	MLS	DRWG. NO.	8 OF 45

AS BUILT



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)		ELEVATION		
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
570+00	135.6	195.6	207.6	13.5	-9.8
572+00	135.4	195.4	207.4	13.5	-9.8
574+00	135.3	195.3	207.3	13.5	-9.8
576+00	135.2	195.2	207.2	13.5	-9.8
578+00	139.2	199.2	211.2	13.5	-9.8
580+00	144.1	204.1	216.1	13.5	-9.8



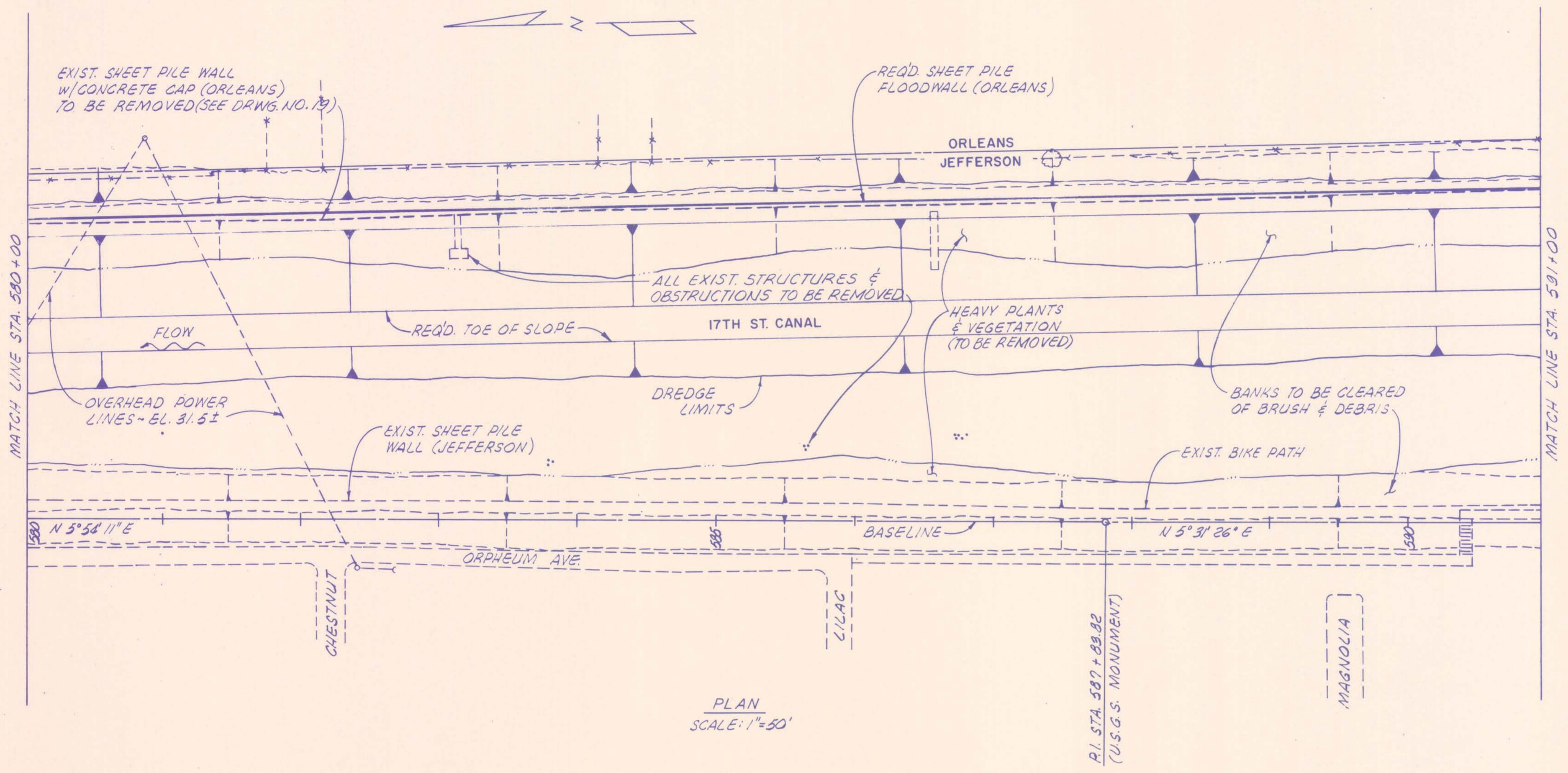
NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 25 THRU 27.

The Board of Commissioners
OF THE
Orleans Levee District

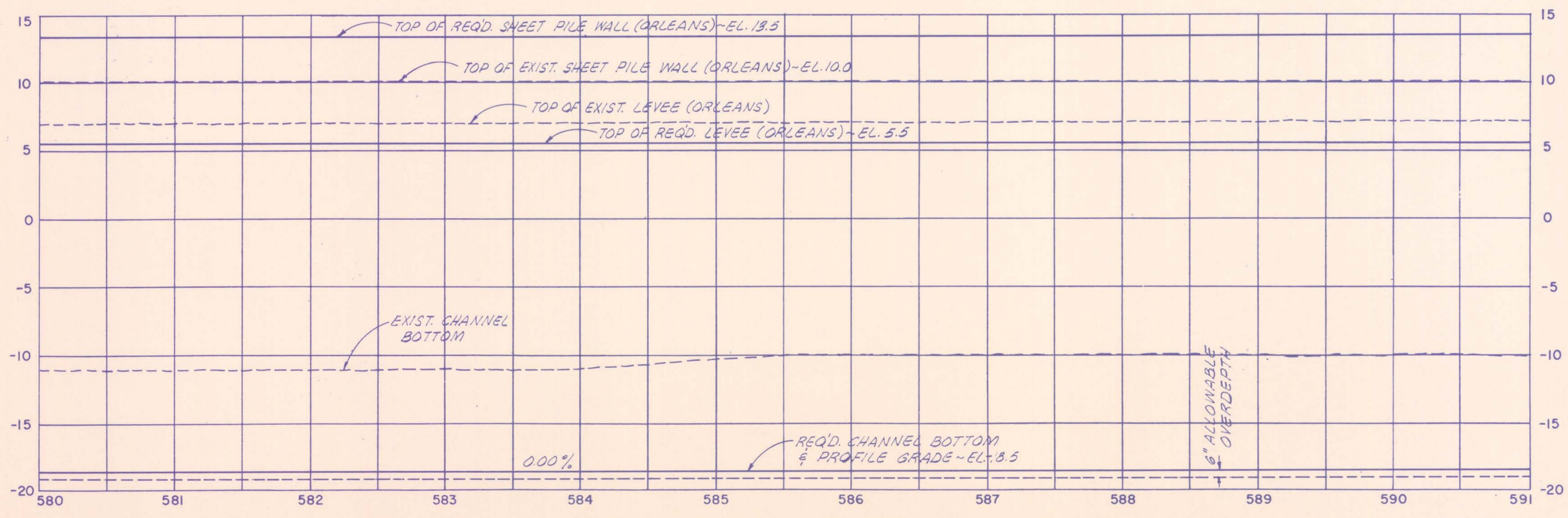
17TH STREET CANAL

PLAN & PROFILE - 3

Modjeed & Masters New Orleans Louisiana		DRWG. BY N.L.S. SCALE AS NOTED
DESIGNED MLS	DATE FEB 7 1990	
CHECKED MLS		DRWG. NO. 9 OF 43



STATION	ORLEANS SIDE			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
580+00	144.1	204.1	216.1	13.5	-9.8
582+00	148.9	208.9	220.9	13.5	-9.8
584+00	153.8	213.8	225.8	13.5	-9.8
586+00	158.7	218.7	230.7	13.5	-9.8
588+00	163.4	223.4	235.4	13.5	-9.8
590+00	167.0	227.0	239.0	13.5	-9.8



NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 27 THRU 29.

The Board of Commissioners
 OF THE
 Orleans Levee District

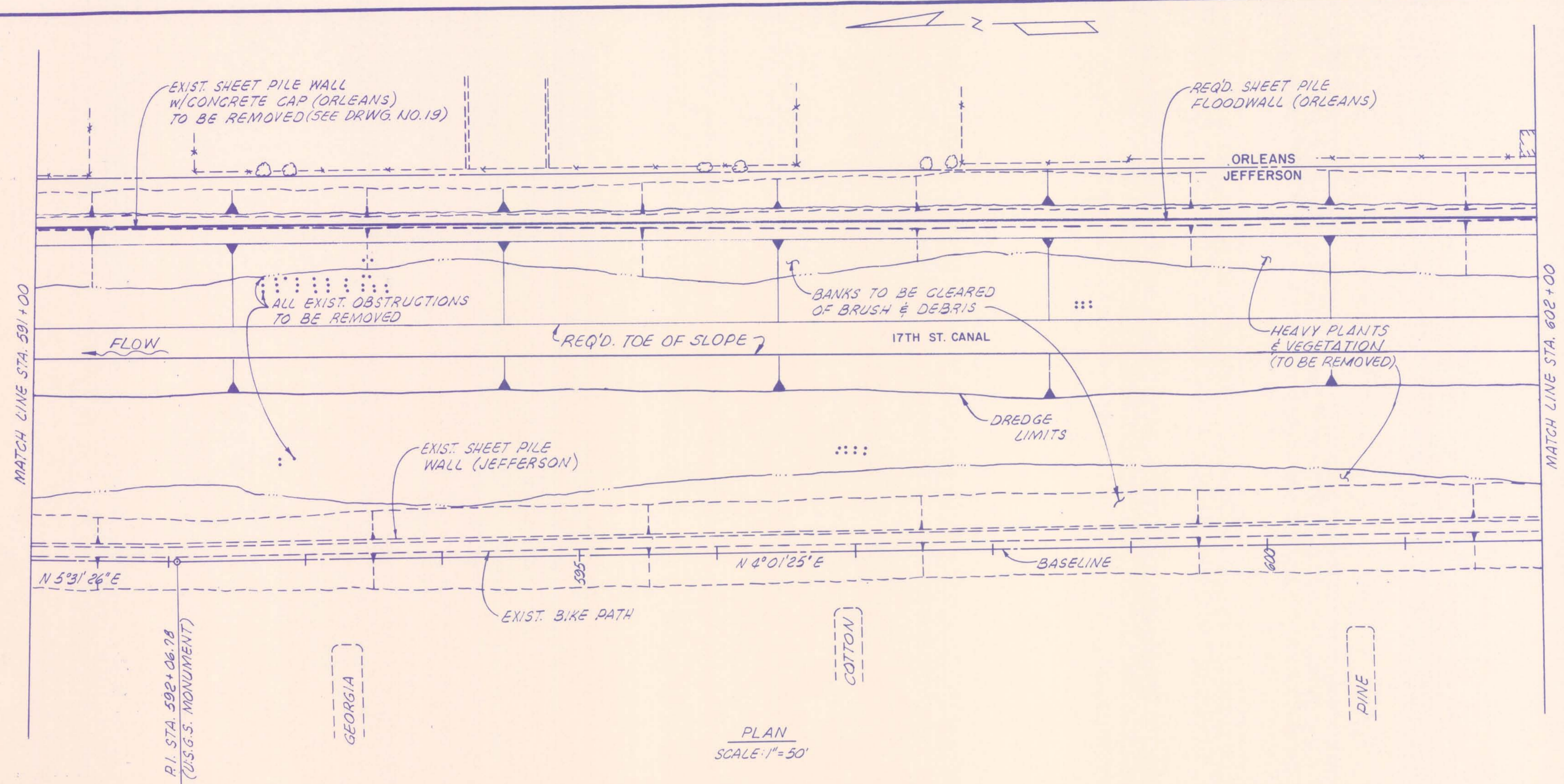
17TH STREET CANAL

PLAN & PROFILE - 4

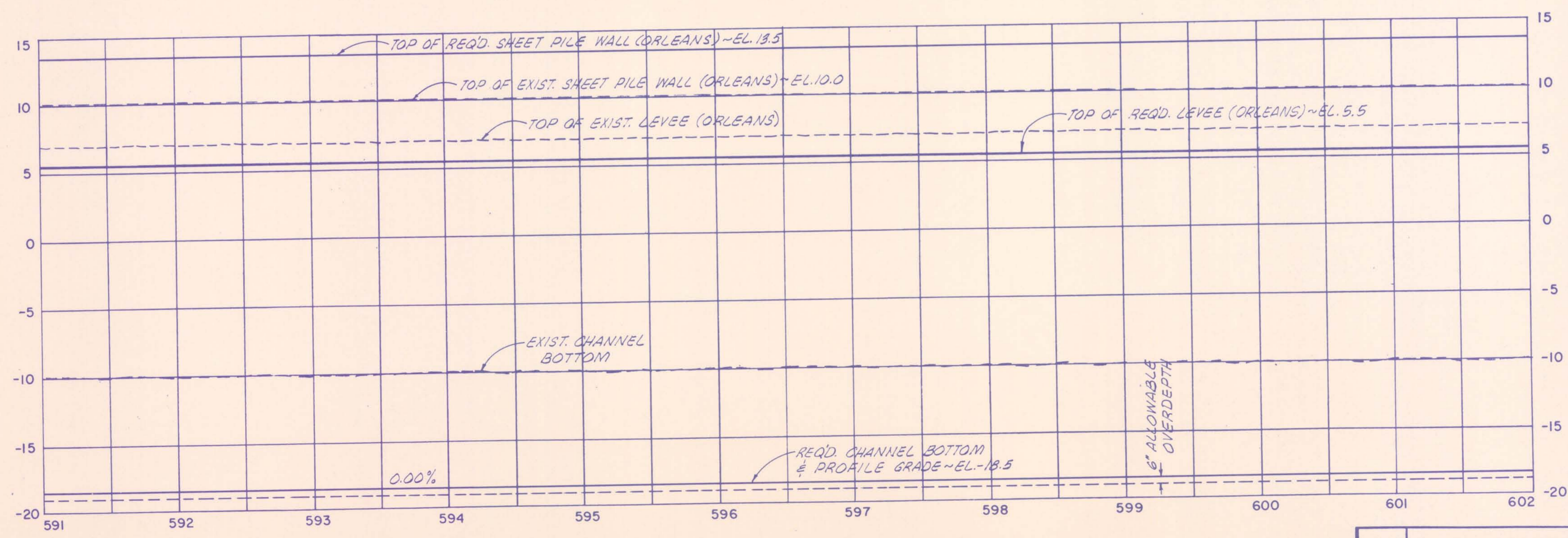
Modjeak & Masters		DRWG. BY	N.L.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	ML5	DATE	FEB 7 1990
CHECKED	ML5	DRWG. NO.	10 OF 43

AS BUILT

DATE	DESCRIPTION	BY



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
592+00	170.5	230.5	242.5	13.5	-9.8
594+00	169.0	229.0	241.0	13.5	-9.8
596+00	167.3	227.3	239.3	13.5	-9.8
598+00	165.6	225.6	237.6	13.5	-9.8
600+00	163.9	223.9	235.9	13.5	-9.8
602+00	162.2	222.2	234.2	13.5	-9.8



NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH,
SEE DRWG. NOS. 29 THRU 31.

The Board of Commissioners
OF THE
Orleans Levee District

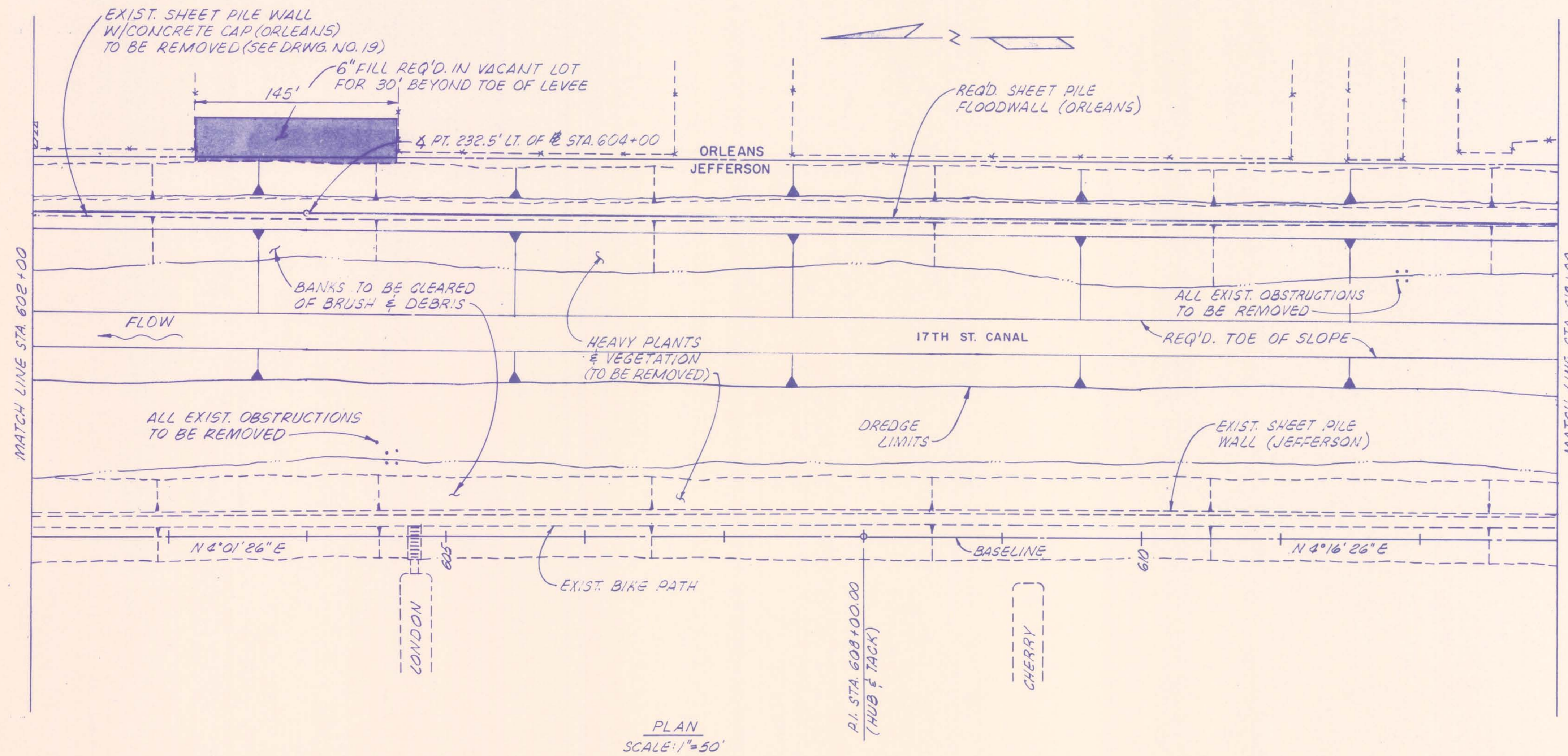
17TH STREET CANAL

PLAN & PROFILE - 5

Modjeak & Masters		DRWG. BY	N.L.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	MLC	DATE	FEB 7 1990
CHECKED	MLC	DRWG. NO.	11 OF 43

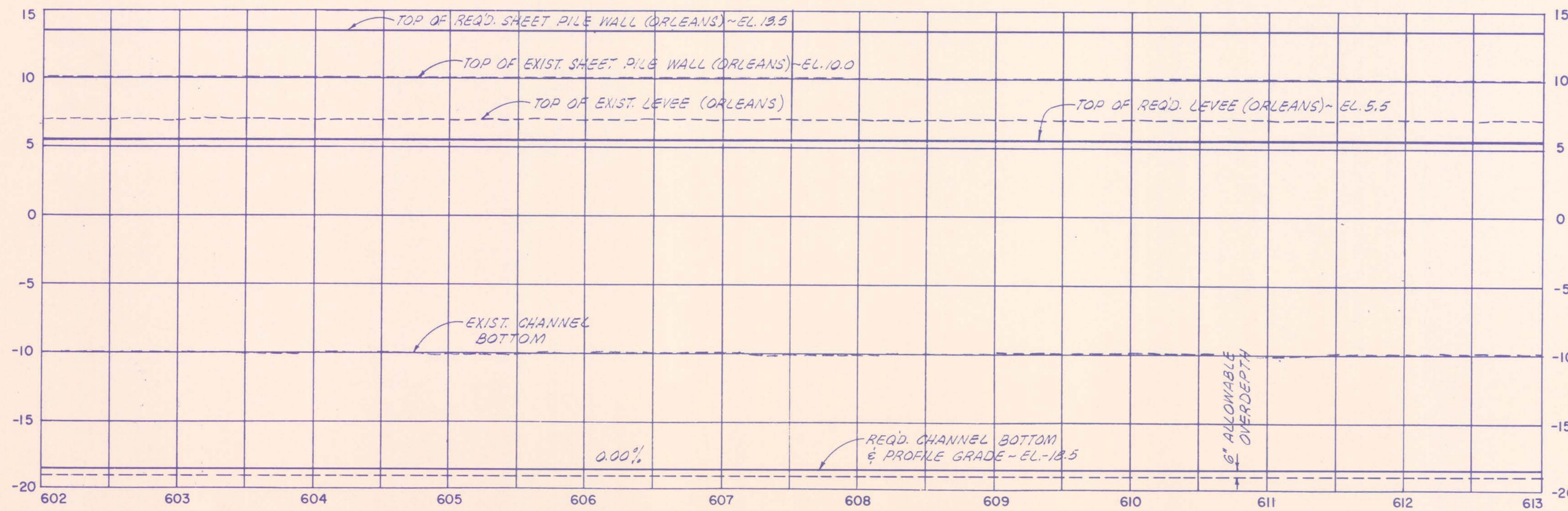
AS BUILT

DATE	DESCRIPTION	BY



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	Ø SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
602+00	162.2	222.2	234.2	13.5	-9.8
604+00 [▲]	160.5	220.5	232.5	13.5	-9.8
606+00	158.9	218.9	230.9	13.5	-9.8
608+00	157.3	217.3	229.3	13.5	-9.8
610+00	156.6	216.6	228.6	13.5	-9.8
612+00	155.9	215.9	227.9	13.5	-9.8

▲ SHEET PILE ANGLE POINT.



NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 31 AND 32.

AS BUILT

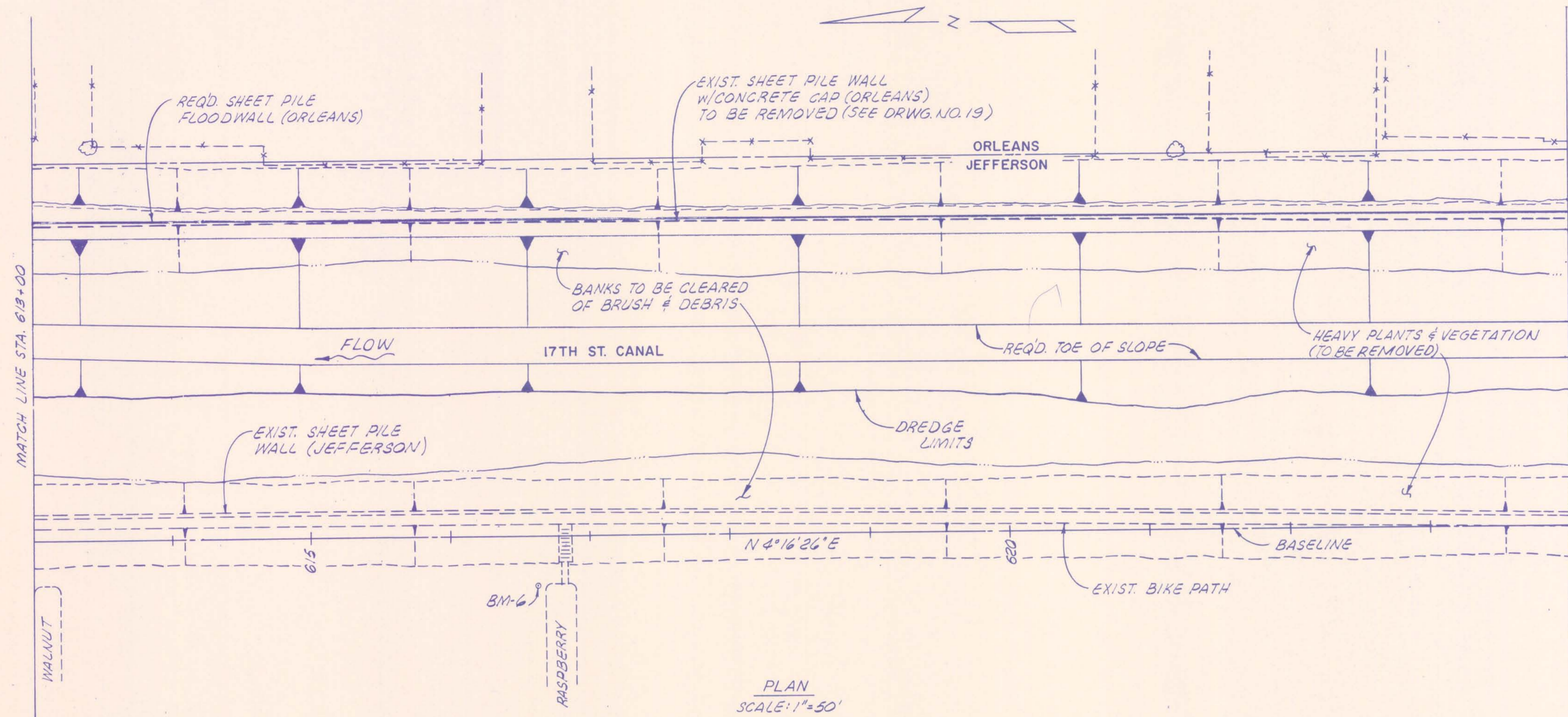
The Board of Commissioners
OF THE
Orleans Levee District

17TH STREET CANAL

PLAN & PROFILE - 6

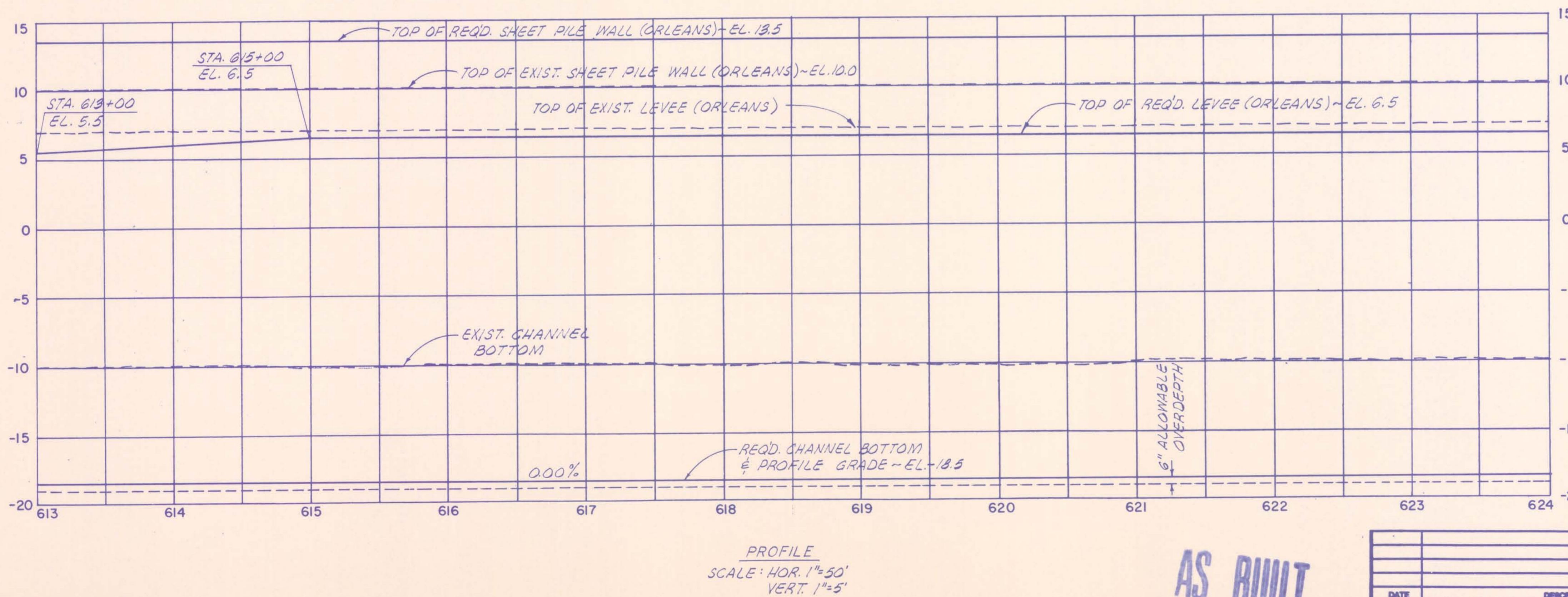
Modjeski & Masters		DRWG. BY	N.L.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	ML5	DATE	FEB 7 1990
CHECKED	ML5	DRWG. NO.	12 OF 13

DATE	DESCRIPTION	BY



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
614+00	152.2	215.2	227.2	13.5	-9.8
616+00	148.5	214.5	226.5	13.5	-6.3
618+00	147.8	213.8	225.8	13.5	-6.3
620+00	147.0	213.0	225.0	13.5	-6.3
622+00	146.3	212.3	224.3	13.5	-6.3
624+00	145.6	211.6	223.6	13.5	-6.3

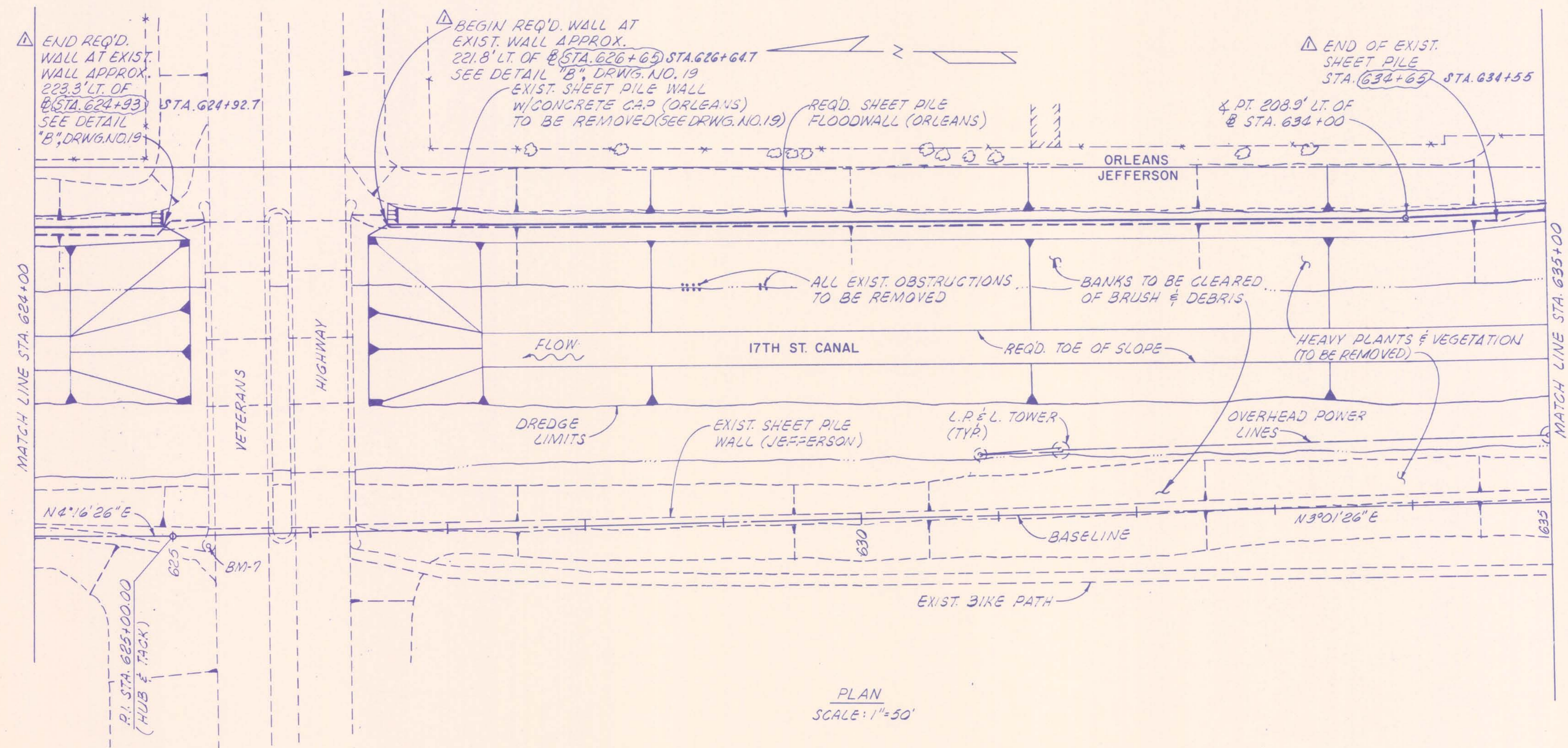
FOR TRANSITION OF SHEET PILE TIP ELEVATION BETWEEN STA. 613+00 AND STA. 615+00. SEE DRWG. NO. 4.



NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 33 AND 34.

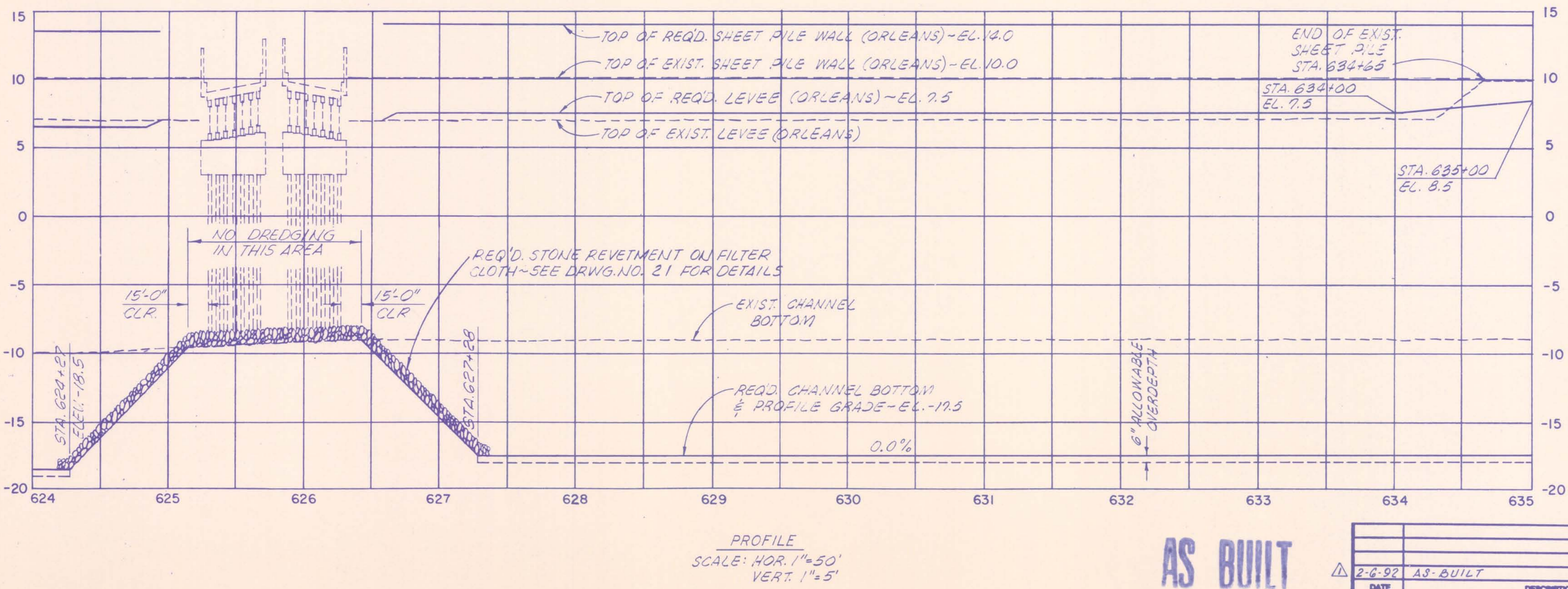
The Board of Commissioners
OF THE
Orleans Levee District
17TH STREET CANAL
PLAN & PROFILE - 7

Modjecki & Masters		DRWG. BY	N.L.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	ML5	DATE	FEB 7 1990
CHECKED	ML5	DRWG. NO.	13 OF 43



STATION	ORLEANS SIDE		ELEVATION		
	TOE OF SLOPE	TOP OF SLOPE	Q. SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
624+00	145.6	211.6	223.6	13.5	-6.3
624+27	145.5	211.5	223.5	13.5	-6.3
VETERANS HIGHWAY BRIDGES					
627+28	140.2	206.2	220.7	14.0	-5.0
628+00	138.9	204.9	219.4	14.0	-5.0
630+00	135.4	201.4	215.9	14.0	-5.0
632+00	131.9	197.9	212.4	14.0	-5.0
634+00	128.4	194.4	208.9	14.0	-5.0

▲ SHEET PILE ANGLE POINT.
FOR TRANSITION OF SHEET PILE TIP ELEVATION
BETWEEN STA. 634+00 AND STA. 636+00, SEE DRWG. NO. 5.



NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL
REACH, SEE DRWG. NOS. 34 THRU 37.

The Board of Commissioners
of the
Orleans Levee District

17TH STREET CANAL

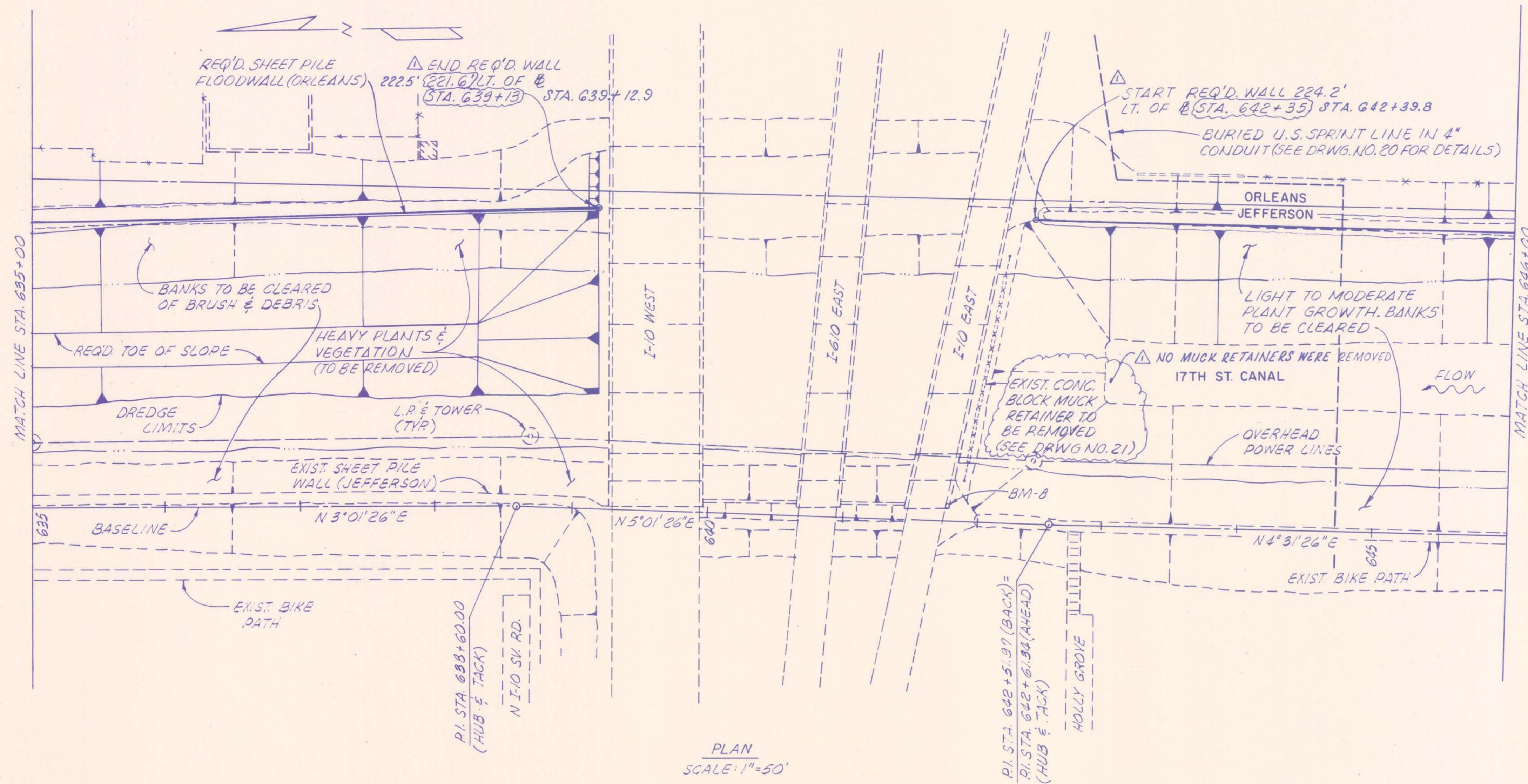
PLAN & PROFILE - 8

Modjeski & Masters		DRWG. BY	M.L.S.
New Orleans		SCALE	AS NOTED
DESIGNED	ML5	DATE	FEB 7 1990
CHECKED	ML5	DRWG. NO.	14 OF 43

DATE	DESCRIPTION	BY
2-6-92	AS-BUILT	

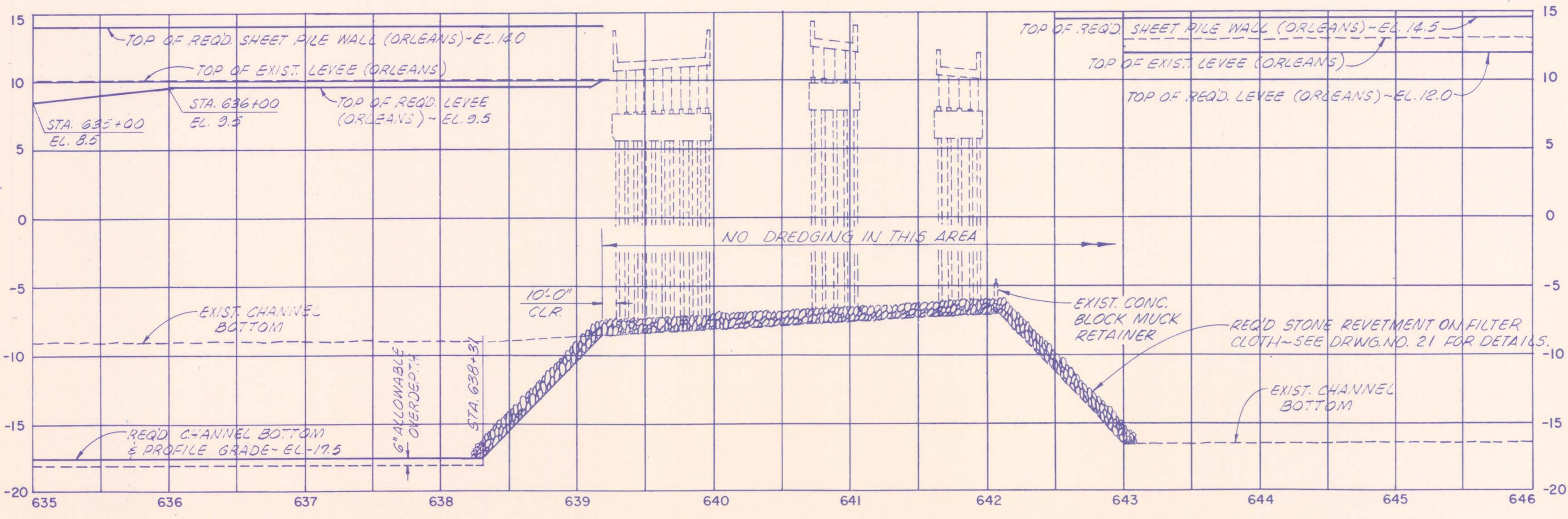
AS BUILT

PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
636+00	130.1	211.1	213.1	14.0	0.0
638+00	134.3	215.3	217.3	14.0	0.0
638+31	134.9	215.9	217.9	14.0	0.0
INTERSTATE BRIDGES					
643+00	-	-	224.0	14.5	0.0
645+00	-	-	223.4	14.5	0.0

FOR TRANSITION OF SHEET PILE TIP ELEVATION BETWEEN STA. 634+00 AND STA. 636+00, SEE DRWG. NO. 5.



NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 37 THRU 39.

The Board of Commissioners
 OF THE
Orleans Levee District

17TH STREET CANAL

PLAN & PROFILE - 9

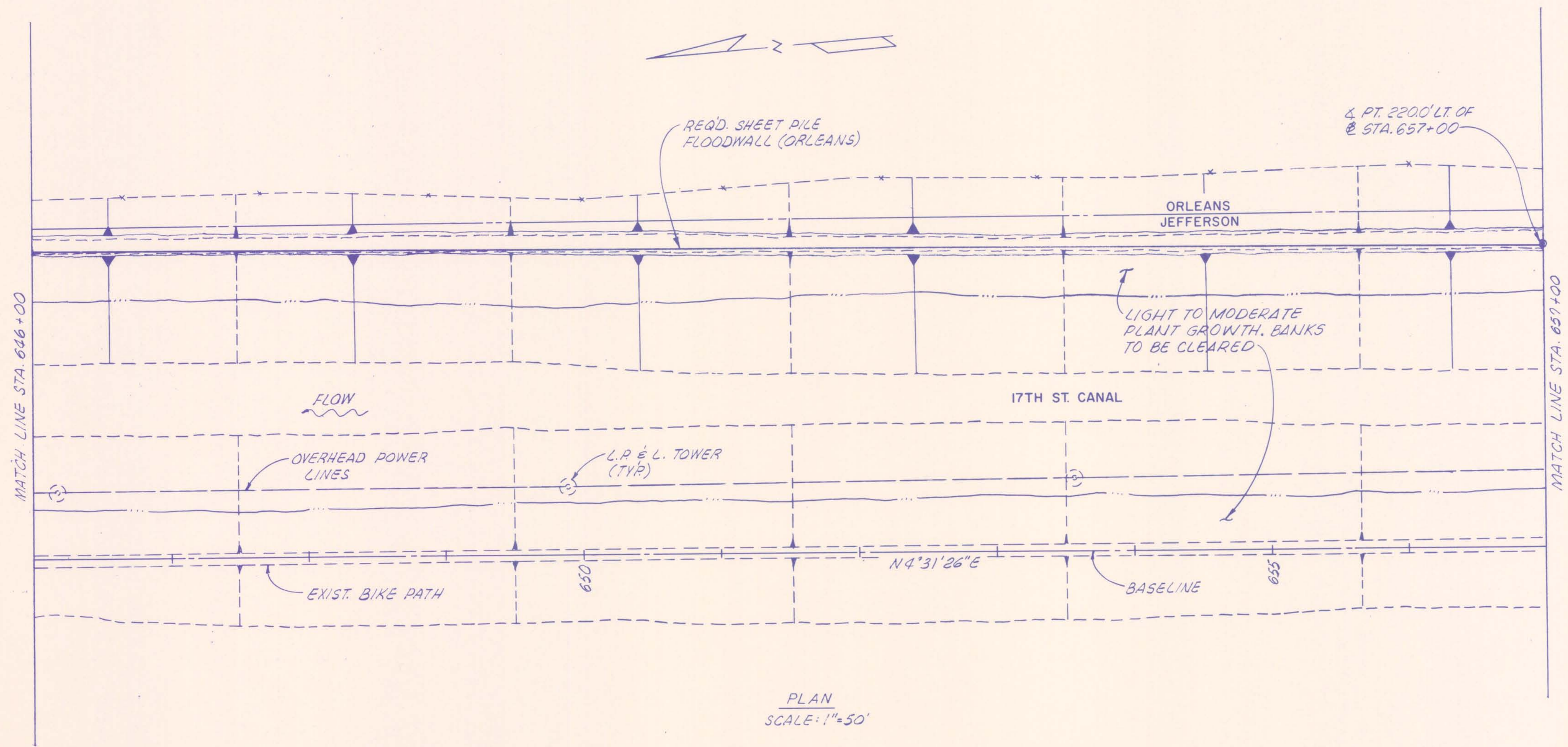
Modjeski & Masters		New Orleans		Louisiana	
DESIGNED	ML5	DATE	FEB 7 1990	DRWG. BY	N.L.S.
CHECKED	ML5	SCALE	AS NOTED	DATE	FEB 7 1990
DATE	2-6-92	DESCRIPTION	AS-BUILT	DRWG. NO.	15 OF 43

AS BUILT

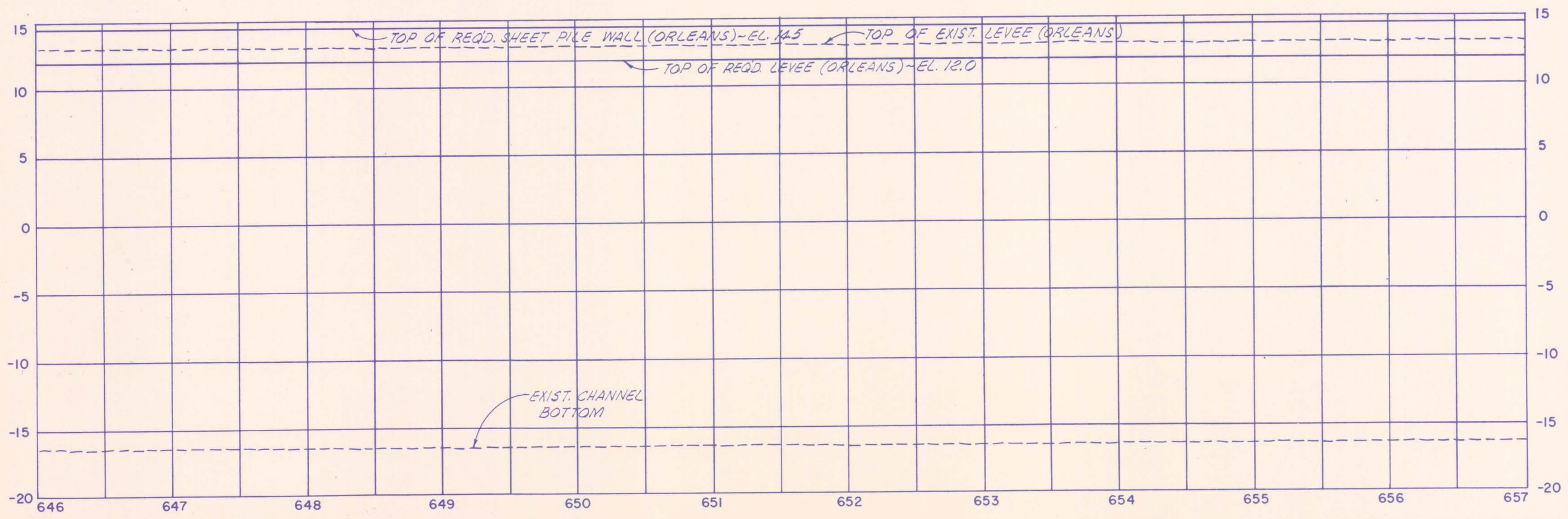
DATE	DESCRIPTION	BY
2-6-92	AS-BUILT	M&M
	REVISIONS	

PROFILE
 SCALE: HOR. 1"=50'
 VERT. 1"=5'

PLAN
 SCALE: 1"=50'



PLAN
SCALE: 1"=50'



PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'

AS BUILT

STATION	ORLEANS SIDE			
	TOE OF SLOPE	TOP OF SLOPE	© SHEET PILE	ELEVATION
647+00	-	-	222.3	14.5
649+00	-	-	222.3	14.5
651+00	-	-	221.7	14.5
653+00	-	-	221.1	14.5
655+00	-	-	220.6	14.5
657+00 [▲]	-	-	220.0	14.5

[▲] SHEET PILE ANGLE POINT.

NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 39 THRU 41.

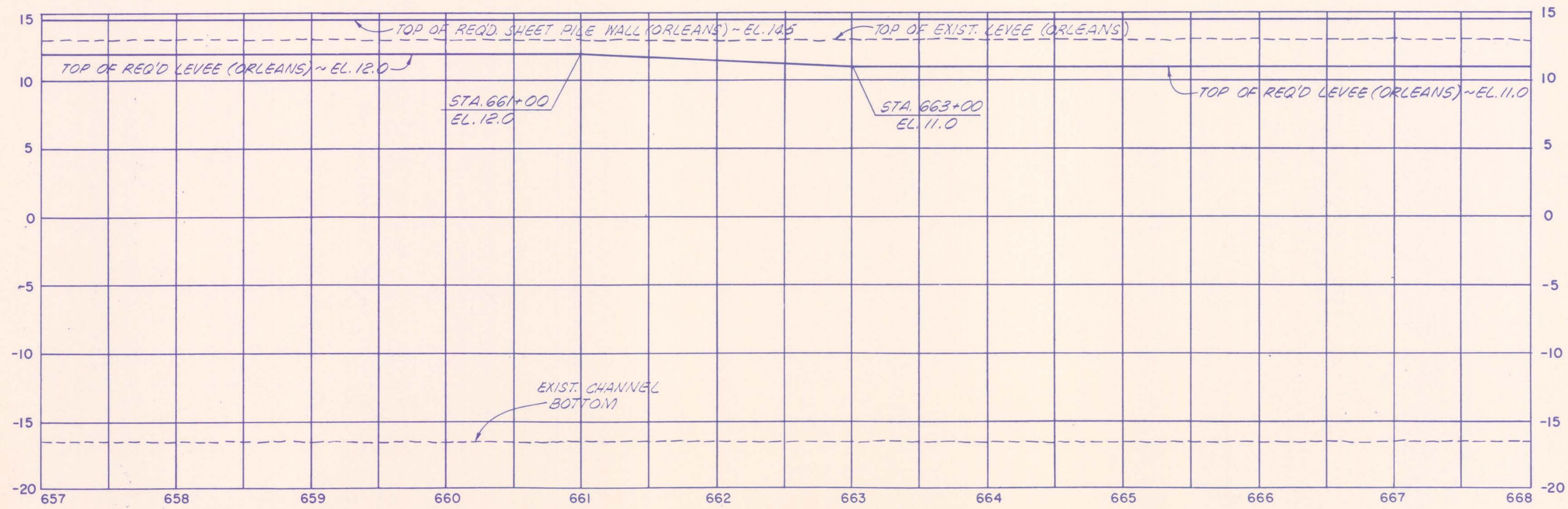
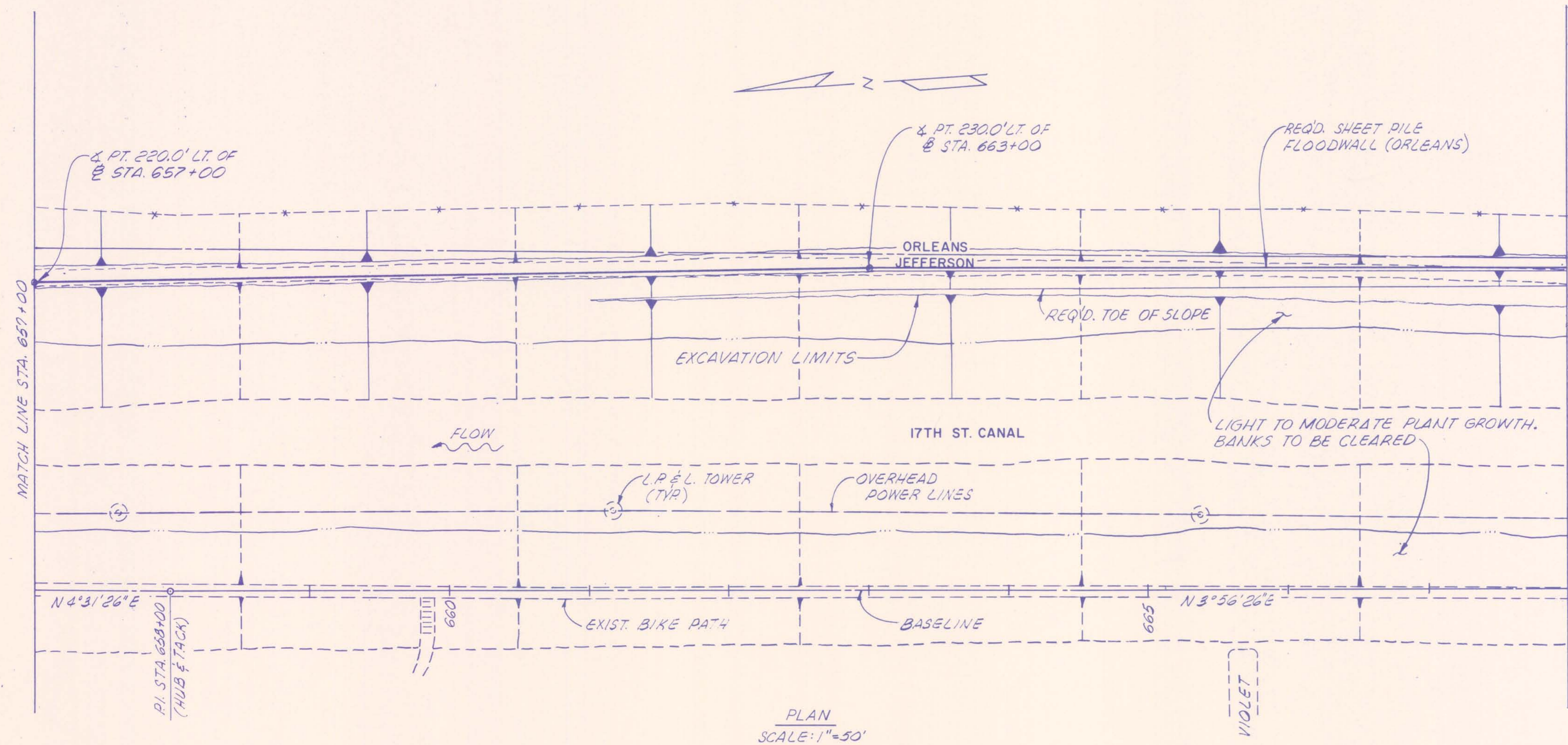
The Board of Commissioners
OF THE
Orleans Levee District

17TH STREET CANAL

PLAN & PROFILE -10

Modjeski & Masters		DRWG. BY	N.L.S.
New Orleans Louisiana		SCALE	AS NOTED
DESIGNED	MLS	DATE	FEB 7 1990
CHECKED	MLS	DATE	

DATE	DESCRIPTION	BY



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	© SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
657+00 [▲]	-	-	220.0	14.5	0.0
659+00	-	-	224.0	14.5	0.0
661+00	-	-	227.0	14.5	0.0
663+00 [▲]	216.0	228.0	230.0	14.5	0.0
665+00	216.0	228.0	230.0	14.5	0.0
667+00	216.0	228.0	230.0	14.5	0.0

[▲] SHEET PILE ANGLE POINT.
FOR LEVEE TRANSITION BETWEEN STA. 661+00 AND STA. 663+00, SEE DRWG. NO. 6.

NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR SECTIONS OF THIS CANAL REACH, SEE DRWG. NOS. 41 AND 42.

The Board of Commissioners
OF THE
Orleans Levee District

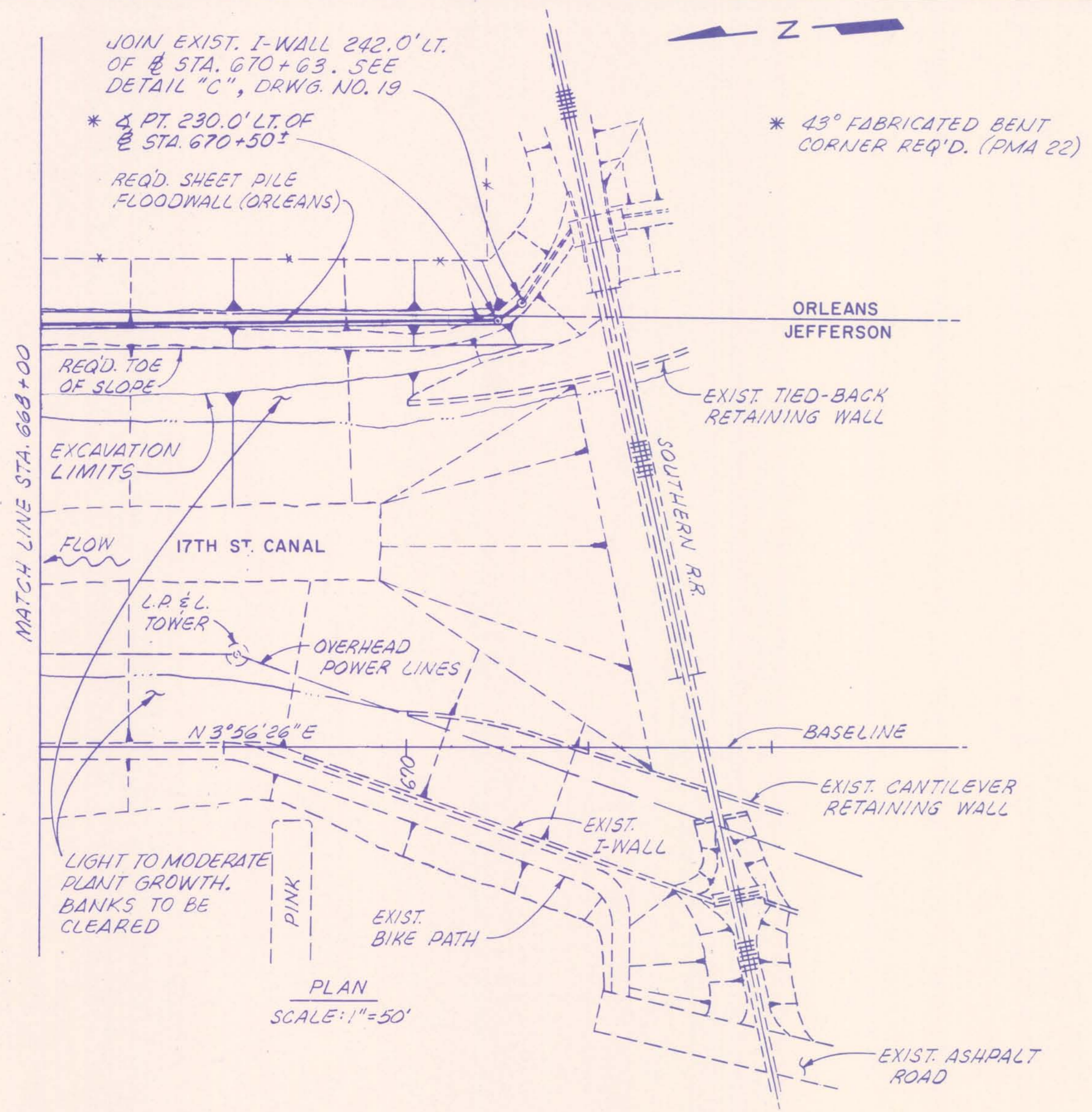
17TH STREET CANAL

PLAN & PROFILE - II

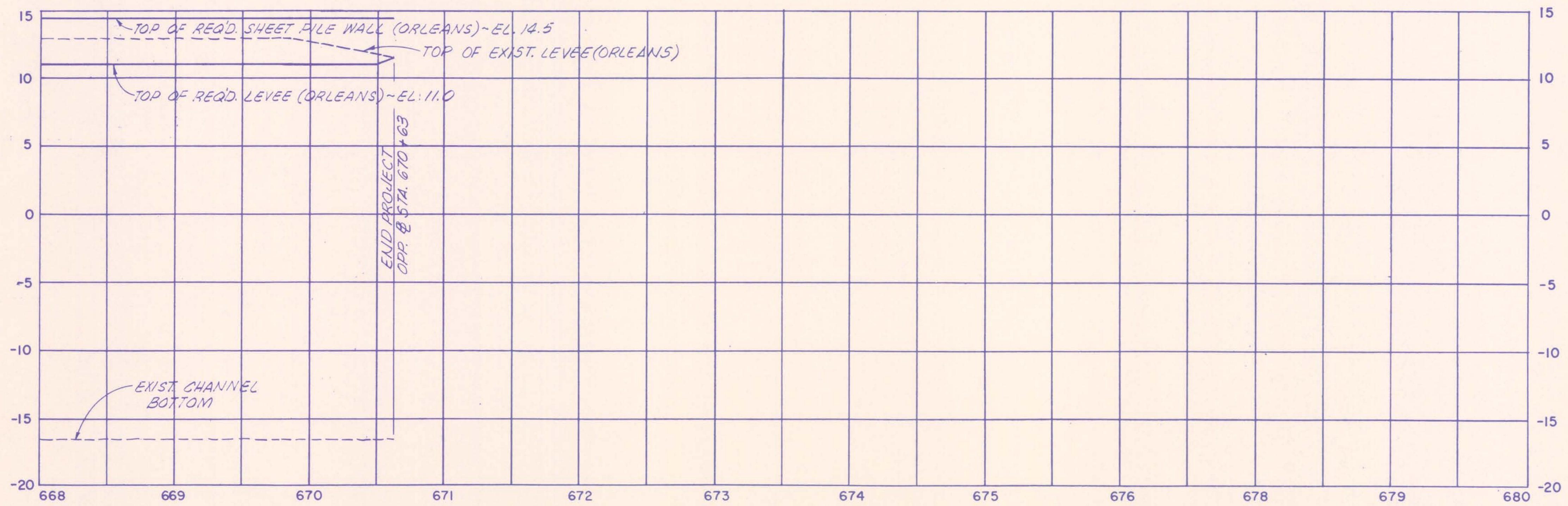
Modjeski & Masters New Orleans		Louisiana		DRWG. BY N.L.S.
DESIGNED MLS		DETAILED		SCALE AS NOTED
CHECKED MLS		CHECKED		DATE FEB 7 1990
				DRWG. NO. 17 OF 43

AS BUILT

DATE	DESCRIPTION	BY



STATION	ORLEANS SIDE				
	DISTANCE FROM BASELINE (FT.)			ELEVATION	
	TOE OF SLOPE	TOP OF SLOPE	¢ SHEET PILE	TOP OF SHEET PILE	TIP OF SHEET PILE
669+00	216.0	228.0	230.0	14.5	0.0
669+87	216.0	228.0	230.0	14.5	0.0



NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR CROSS SECTIONS OF THIS CANAL REACH, SEE DRWG. NO. 43.

AS BUILT

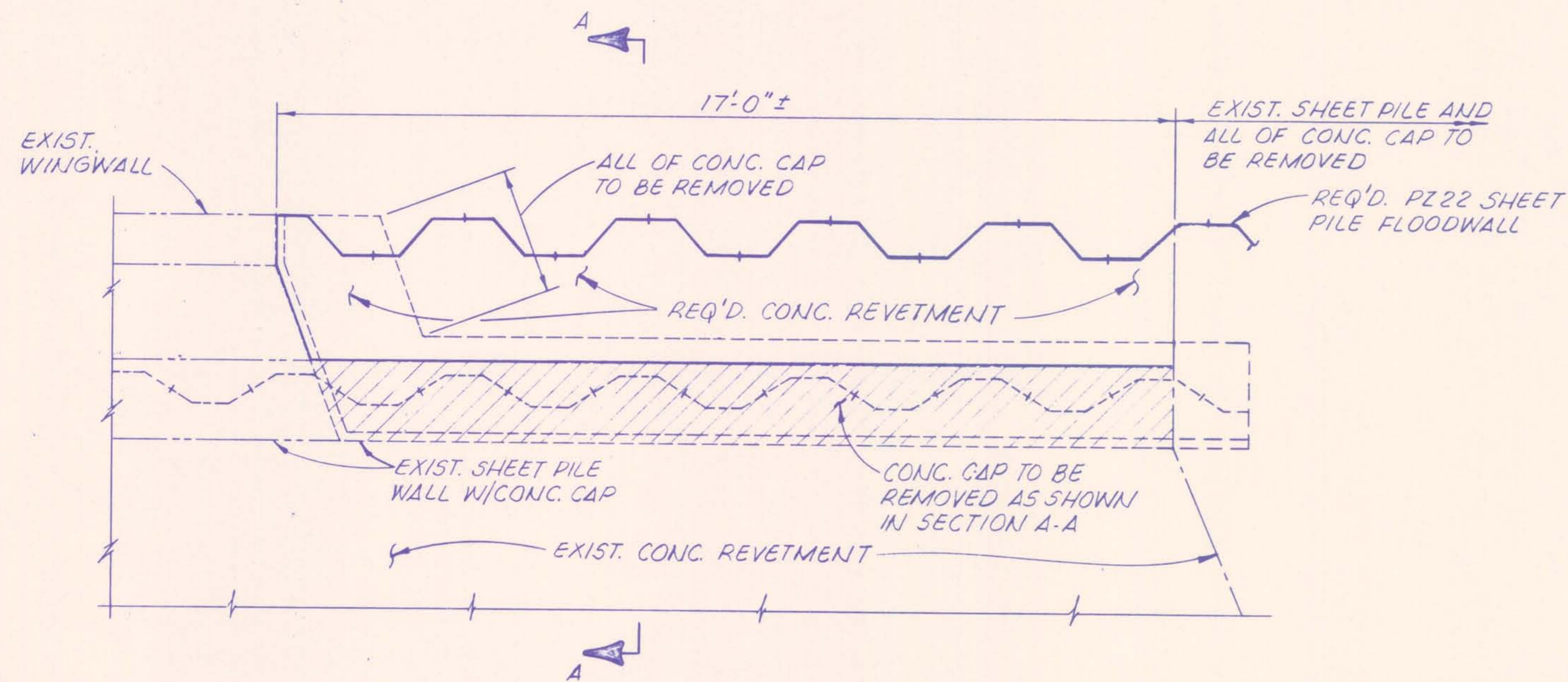
The Board of Commissioners
 OF THE
 Orleans Levee District

17TH STREET CANAL

PLAN & PROFILE - 12

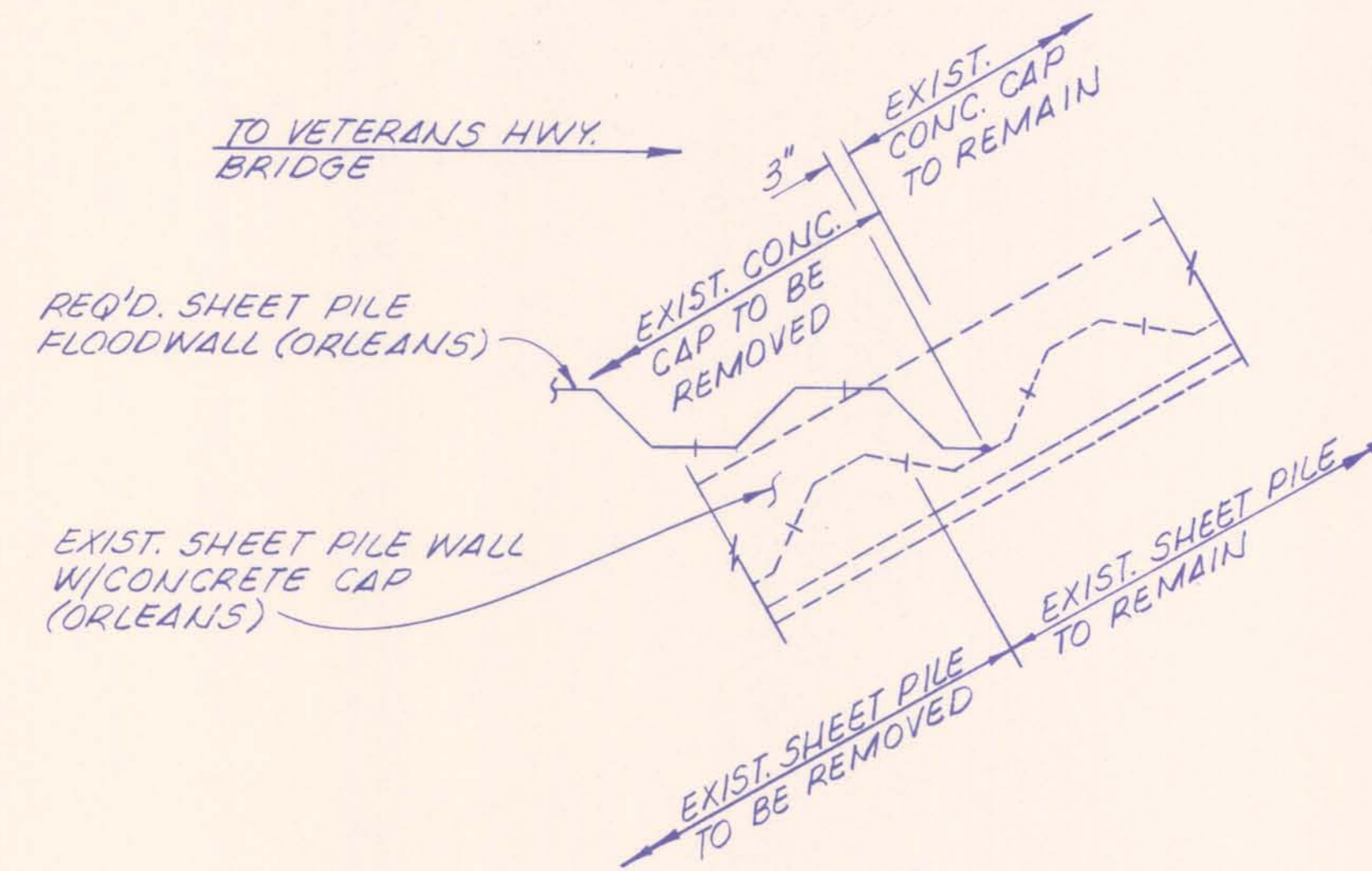
Modjick & Masters		DRWG. BY	N.L.S.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	MLS	DATE	FEB 7 1990
CHECKED	MLS	DRWG. NO.	18 OF 43

DATE	DESCRIPTION	BY



PLAN
SCALE: 1/2" = 1'-0"

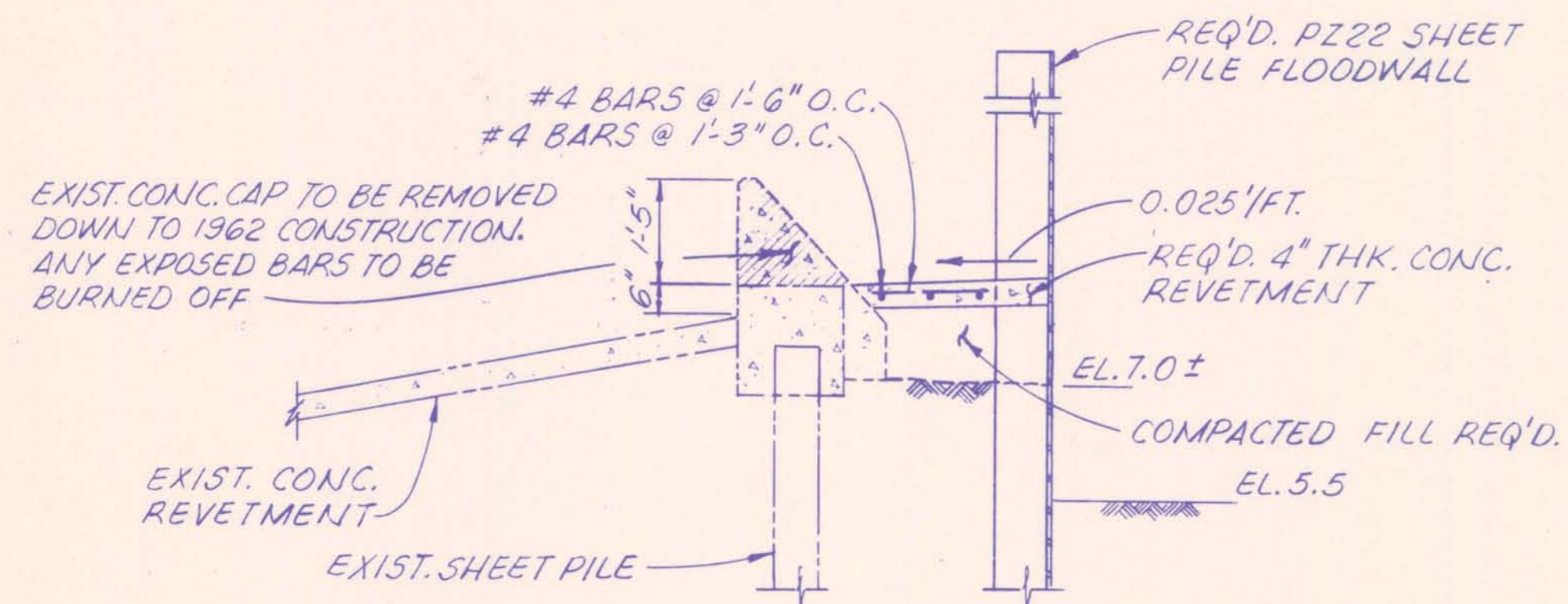
- 1962 CONSTRUCTION
- 1965 CONSTRUCTION
- REQ'D. CONSTRUCTION



NOTE:
ACTUAL ORIENTATION OF REQUIRED AND EXISTING SHEET PILE AT THIS LOCATION WILL PROBABLY VARY FROM THAT SHOWN, BUT THE SAME PRINCIPLES APPLY.

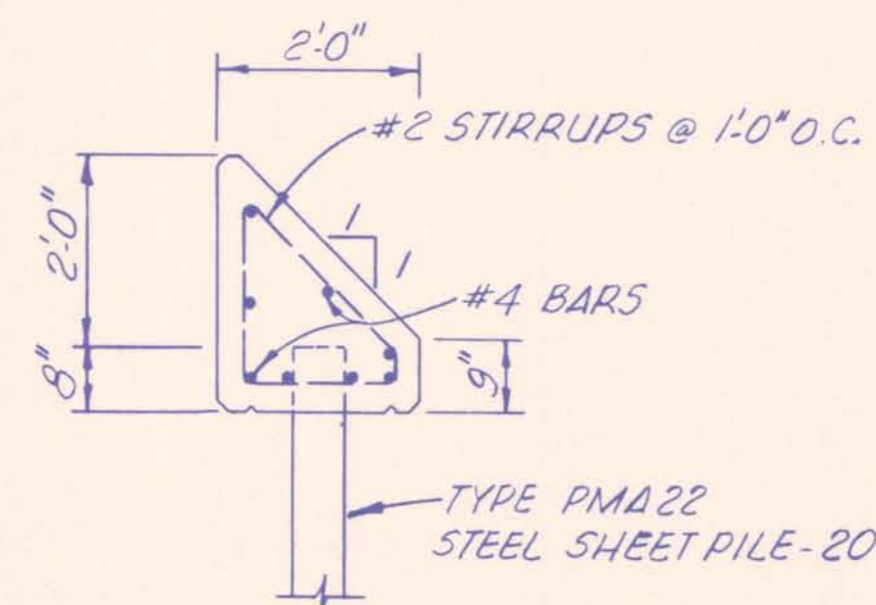
DETAIL "B" *
SCALE: 1/2" = 1'-0"

*(REQ'D. SHEET PILE TIE-IN NORTH OF VETERANS HWY. SHOWN, TIE-IN SOUTH OF VETERANS HWY. SIMILAR)

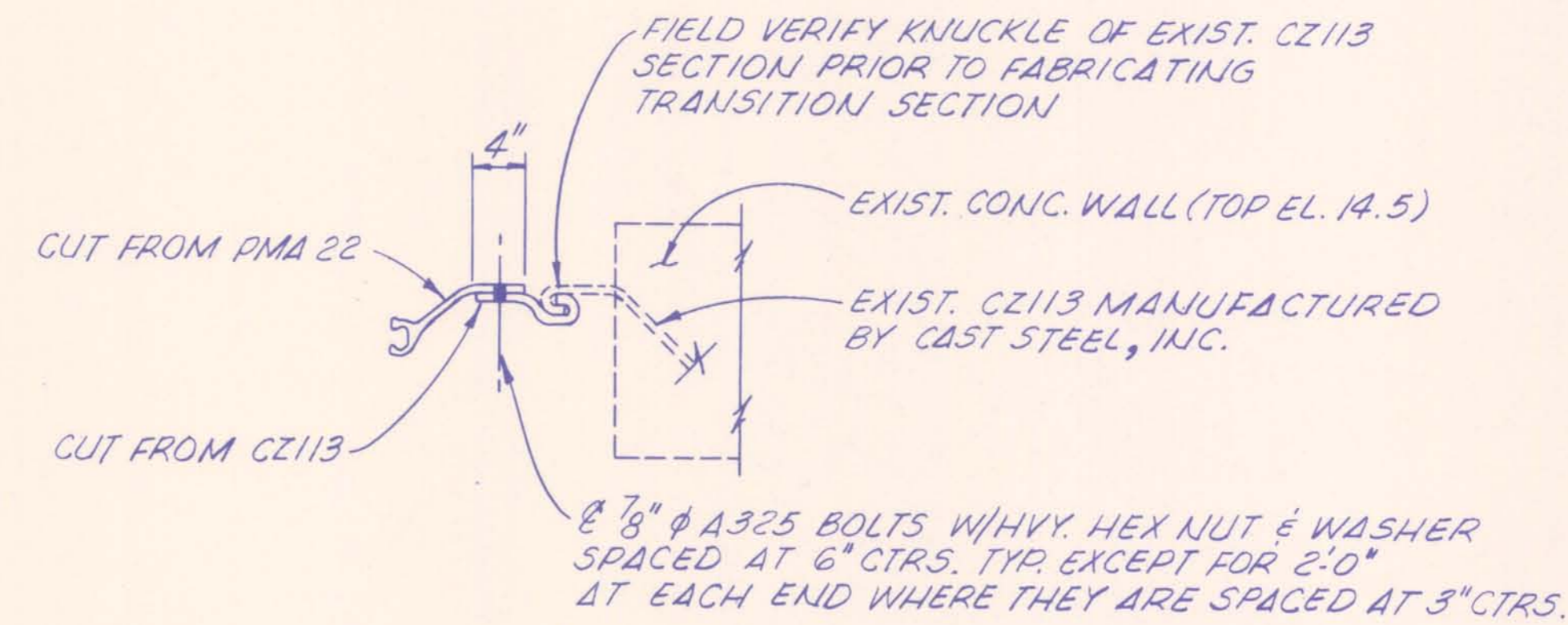


SECTION A-A
SCALE: 1/2" = 1'-0"

DETAIL "A"
(HAMMOND HWY. TIE-IN & CONCRETE REVETMENT)



EXIST. SHEET PILE WALL W/ CONG. CAP (ORLEANS)
SCALE: 1/2" = 1'-0"



DETAIL "C"
(TRANSITION SECTION)
SCALE: 1" = 1'-0"

NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
FOR LOCATION OF DETAIL "A", SEE DRWG. NO. 7.
FOR LOCATION OF DETAIL "B", SEE DRWG. NO. 14.
FOR LOCATION OF DETAIL "C", SEE DRWG. NO. 18.

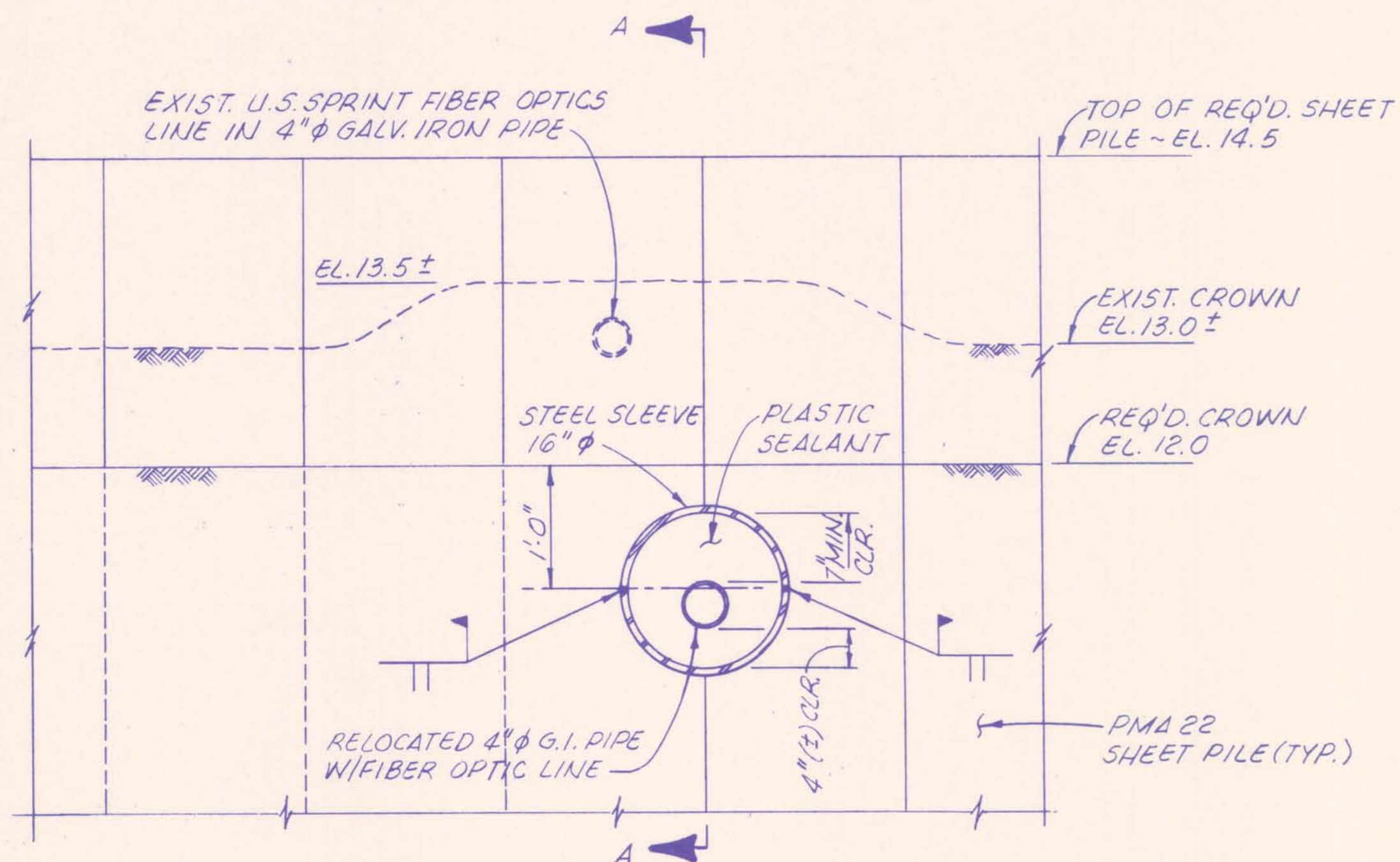
AS BUILT

REVISIONS			New Orleans		Louisiana		DRWG. BY
DATE	DESCRIPTION	BY	DESIGNED	ML5	DATE	FEB 7 1990	A.P.A.
			CHECKED	ML5	SCALE	AS NOTED	
					DRWG. NO.	19	OF 43

The Board of Levee Commissioners
OF THE
Orleans Levee District

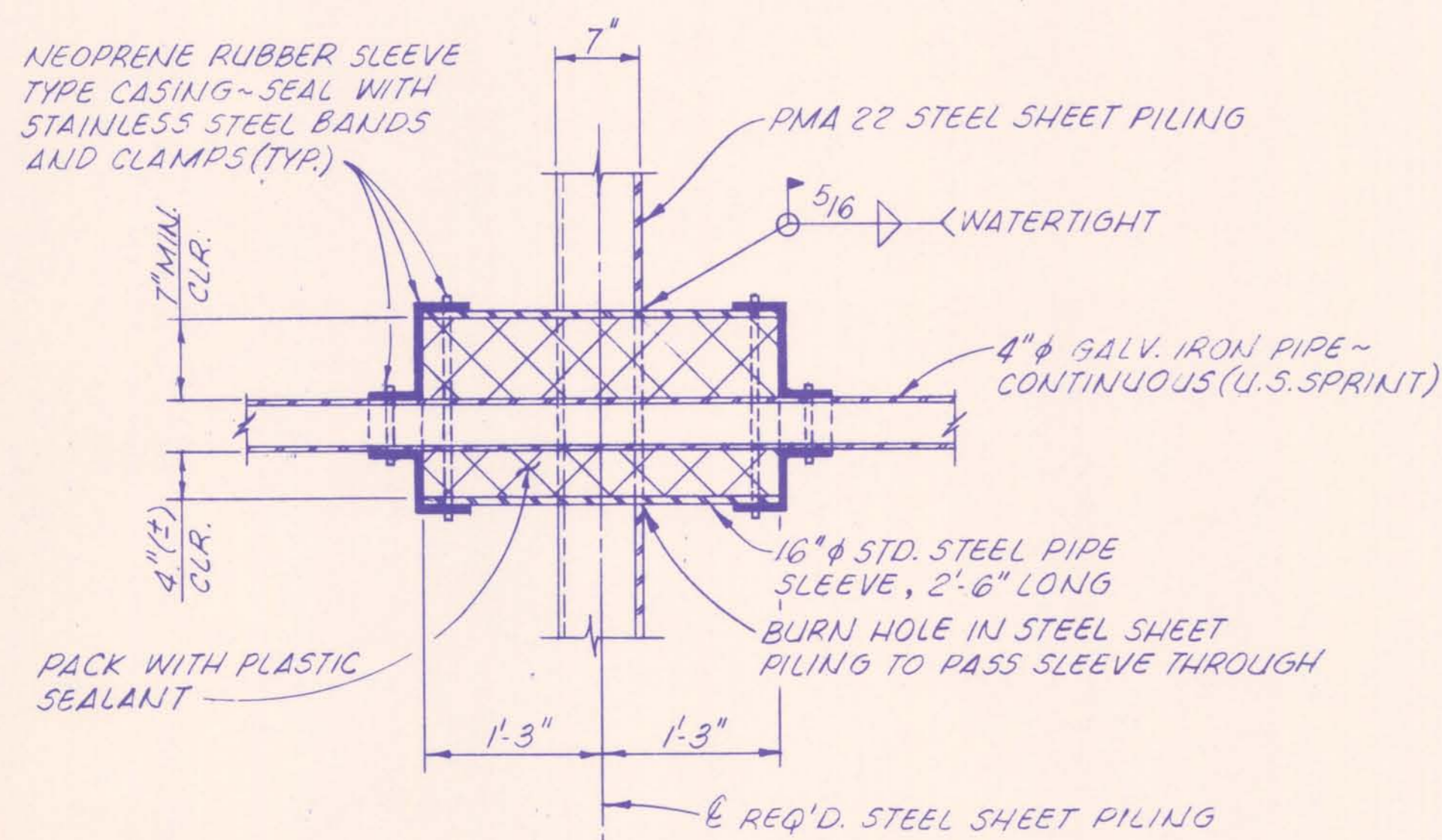
17TH STREET CANAL

SHEET PILE DETAILS



NOTE:
 16" ϕ STEEL PIPE SLEEVE SHALL BE CUT IN HALF LENGTHWISE PRIOR TO INSTALLATION AND BUTT-WELDED TOGETHER AFTER PLACING AROUND 4" ϕ CABLES. FOR METHOD OF SECURING PIPE SLEEVE, SEE SECTION A-A, THIS SHEET.

ELEVATION
 U.S. SPRINT LINE RELOCATION
 SCALE: 1" = 1'-0"



SECTION A-A
 SCALE: 1" = 1'-0"

PROCEDURE FOR MOVING U.S. SPRINT FIBER OPTIC LINE
 (ASSUMING THE CONTRACTOR IS WORKING NORTHWARD)

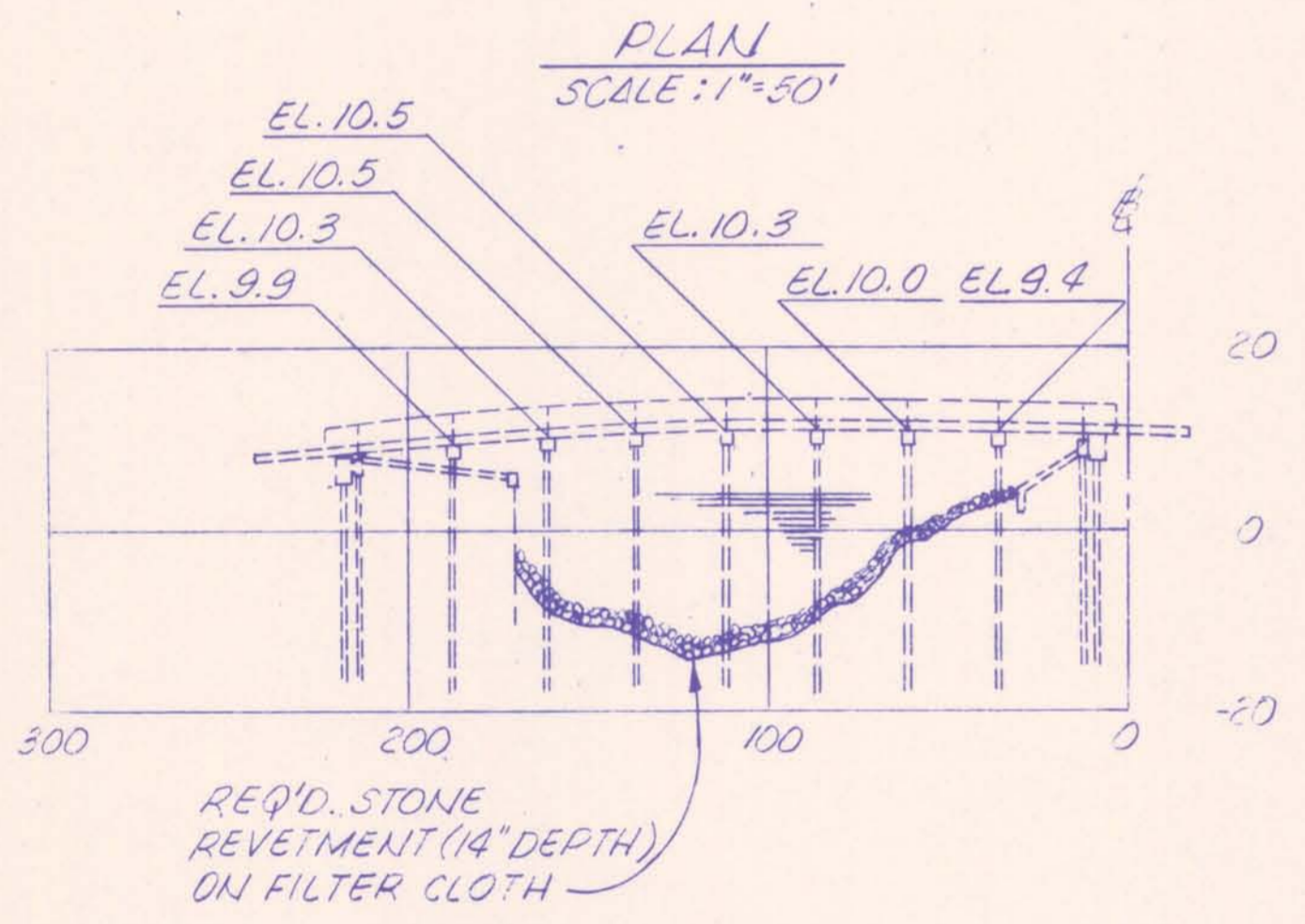
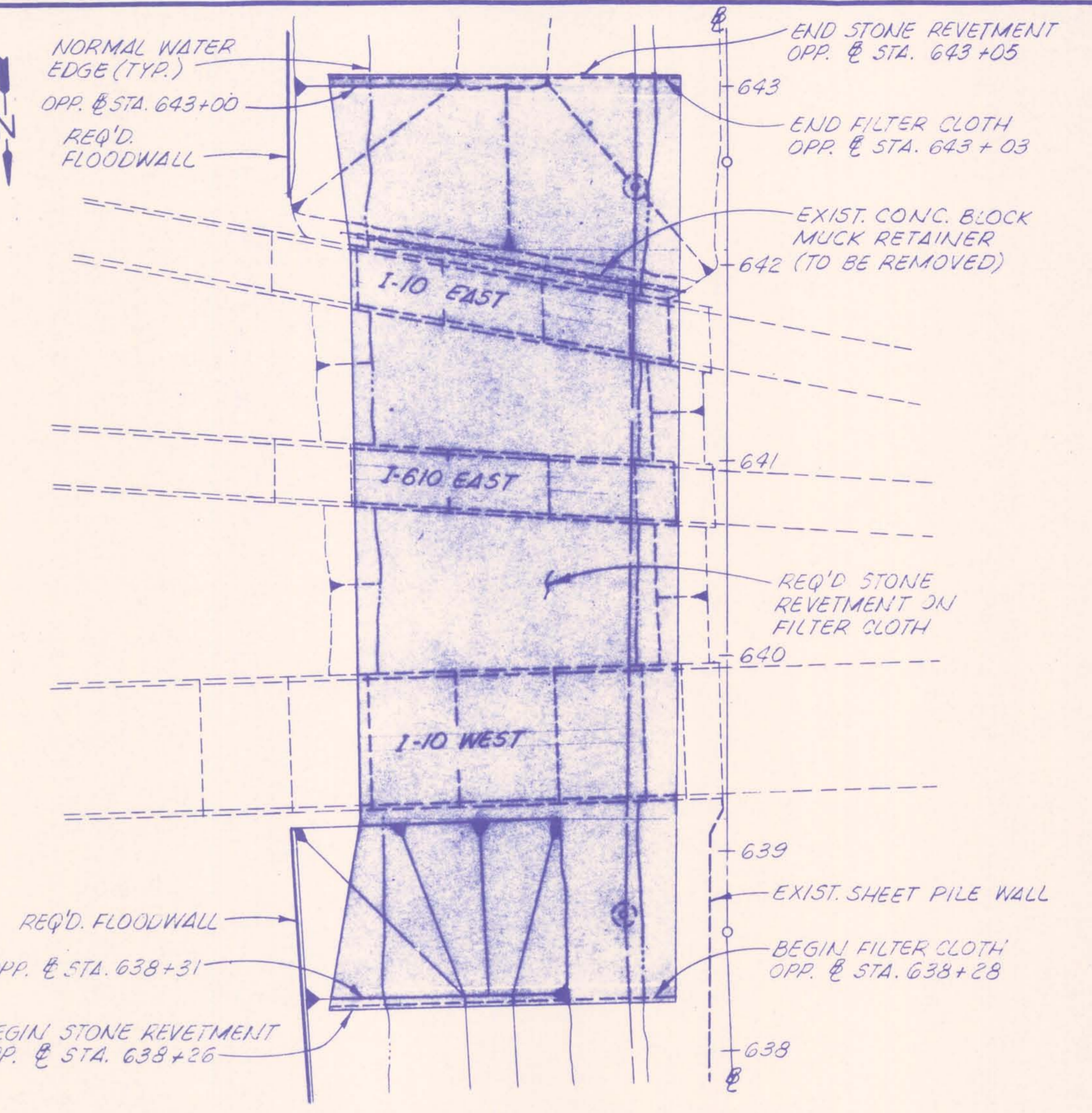
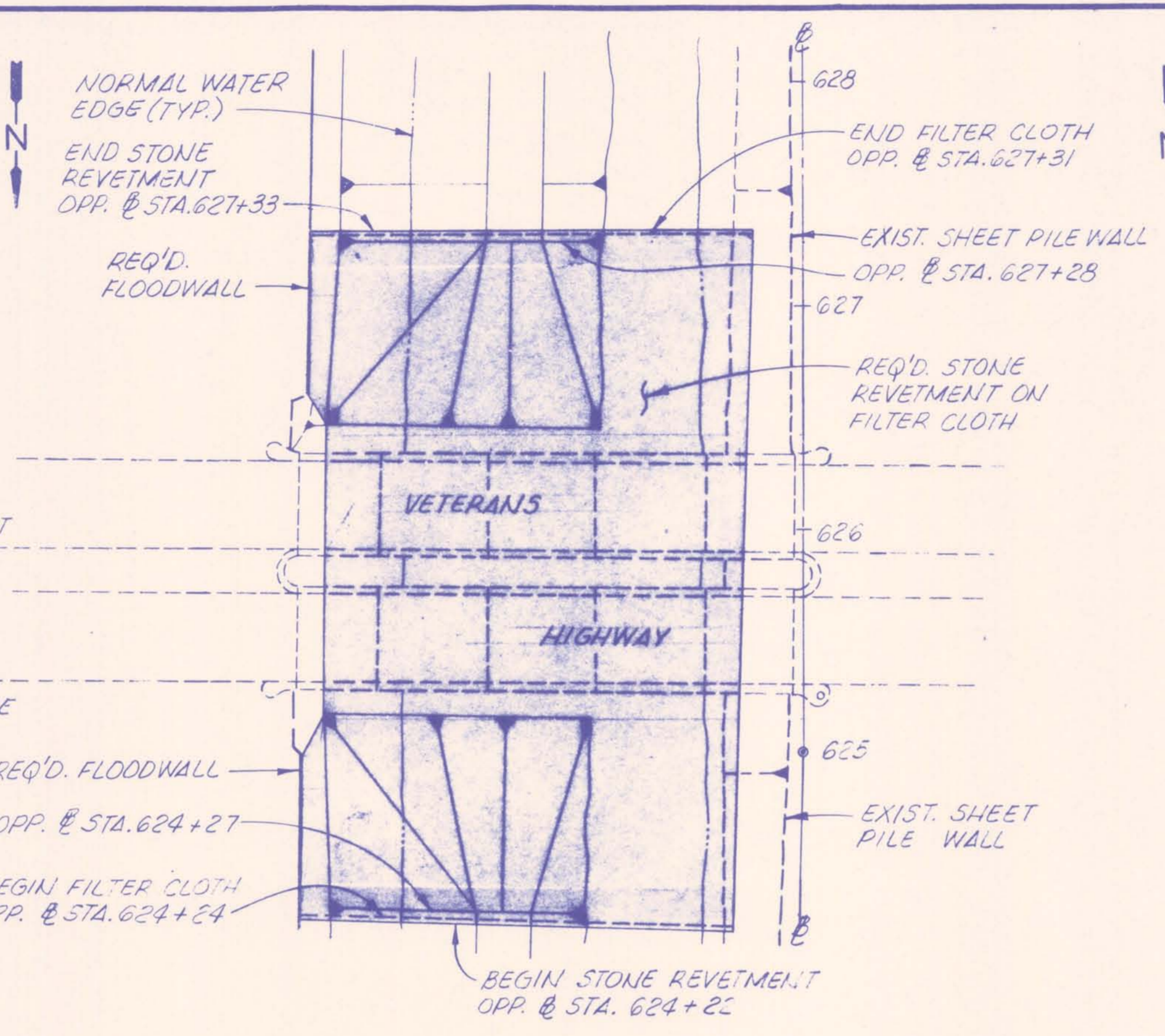
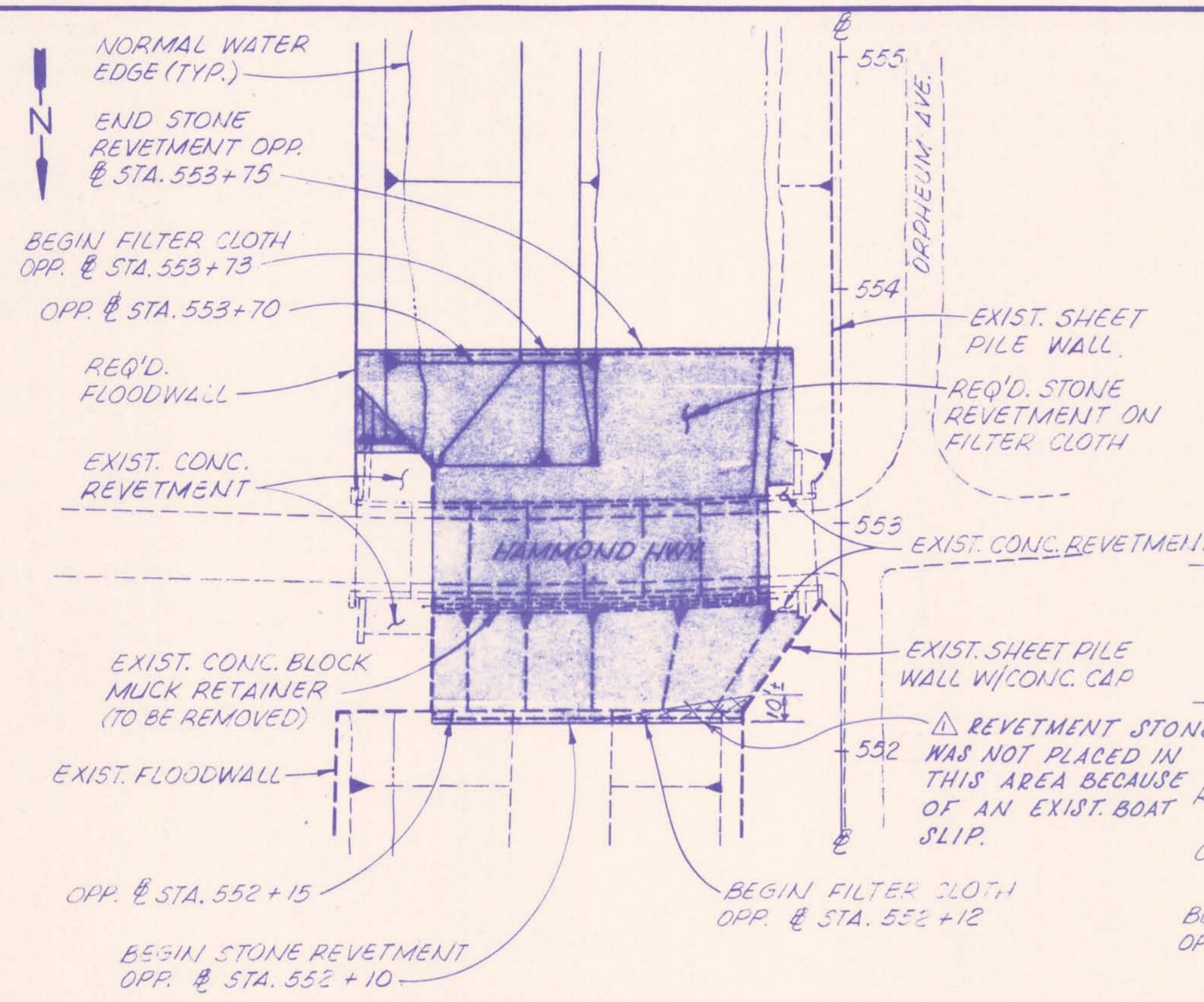
1. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION SOUTH OF INTERSTATE 10, THE CONTRACTOR SHALL NOTIFY REPRESENTATIVES OF U.S. SPRINT AT 504-847-0515. U.S. SPRINT WILL EXPOSE THE LINE, AND MOVE IT NORTHWARD OF ITS PRESENT LOCATION.
2. THE CONTRACTOR SHALL THEN DIG A TRENCH TO AN ELEVATION AND CONFIGURATION ONE FOOT BELOW THE SURFACE OF THE REQUIRED RESHAPED LEVEE.
3. REPRESENTATIVES OF U.S. SPRINT WILL MOVE THE LINE INTO THE TRENCH, AND THE CONTRACTOR WILL BACKFILL AND COMPACT. AS ADDED PROTECTION, 12 INCHES OF SHELL WILL BE PLACED AND MAINTAINED OVER THE COMPACTED BACKFILL BY THE CONTRACTOR, DURING CONSTRUCTION IN THIS REACH OF THE CANAL.
4. ONCE THE ABOVE STEPS ARE COMPLETED, THE CONTRACTOR CAN BEGIN HIS WORK IN THIS REACH OF THE CANAL. THE CONTRACTOR WILL NOT BE ALLOWED TO DEGRADE THE LEVEE 15 FEET EITHER SIDE OF THE U.S. SPRINT LINE UNTIL AFTER THE SHEET PILE IS DRIVEN, AND ALL RELOCATION DETAILS SHOWN IN THE CONTRACT DRAWINGS ARE COMPLETED.
5. WHEN THE CONTRACTOR IS READY TO DRIVE SHEET PILING IN THE AREA OF THE U.S. SPRINT LINE, HE SHALL NOTIFY U.S. SPRINT PERSONNEL AT THE ABOVE NUMBER. REPRESENTATIVES OF U.S. SPRINT WILL EXPOSE THE BURIED LINE, AND MOVE IT OUT OF THE TRENCH. THE CONTRACTOR SHALL DRIVE NO SHEETING WITHIN FIVE FEET OF THE LINE WITHOUT THE PRESENCE OF U.S. SPRINT PERSONNEL.
6. THE CONTRACTOR SHALL THEN CLEAN OUT THE TRENCH, AND COMPACT THE SOIL BENEATH THE PROPOSED PIPE LOCATION.
7. WITH U.S. SPRINT REPRESENTATIVES PRESENT, THE CONTRACTOR SHALL DRIVE THE REQUIRED SHEET PILING UP TO THE SOUTH SIDE OF THE REQUIRED CENTERLINE LOCATION OF THE FIBER OPTIC CABLE. THE CONTRACTOR SHALL THEN CUT A 16" DIAMETER SEMI-CIRCULAR NOTCH IN THE SHEET PILE AT THE PROPER LOCATION.
8. REPRESENTATIVES OF U.S. SPRINT SHALL THEN MOVE THE CABLE INTO THE PROPER POSITION IN THE TRENCH, AND THE CONTRACTOR SHALL DRIVE THE REQUIRED SHEET PILING ON THE NORTH SIDE OF CENTERLINE OF CABLE, CUT A 16" DIAMETER SEMI-CIRCULAR NOTCH AT THE PROPER LOCATION, AND WELD THE SPLIT 16" PIPE INTO PLACE. WITH U.S. SPRINT REPRESENTATIVES PRESENT, THE CONTRACTOR SHALL INSTALL THE PLASTIC SEALANT AND RUBBER BOOTS, AND BACKFILL AND COMPACT THE TRENCH.
9. THE CONTRACTOR SHALL THEN CONTINUE DRIVING HIS SHEET PILING NORTHWARD, DEGRADING AND SHAPING THE FIFTEEN FEET OF LEVEE LOCATED EITHER SIDE OF THE RELOCATED FIBER OPTIC CABLE.
10. U.S. SPRINT PERSONNEL NEED NOT BE PRESENT ONCE THE LEVEE WORK AND SHEET PILE WORK 15 FEET EITHER SIDE OF THE FIBER OPTIC LINE ARE COMPLETED.

NOTES:
 FOR GENERAL NOTES, SEE DRWG. NO. 3.
 FOR LOCATION OF U.S. SPRINT FIBER OPTIC LINE, SEE DRWG. NO. 15.
 PLASTIC SEALANT SHALL BE A.T.&T./WESTERN ELECTRIC D1000 ENCAPSULANT OR APPROVED EQUAL.

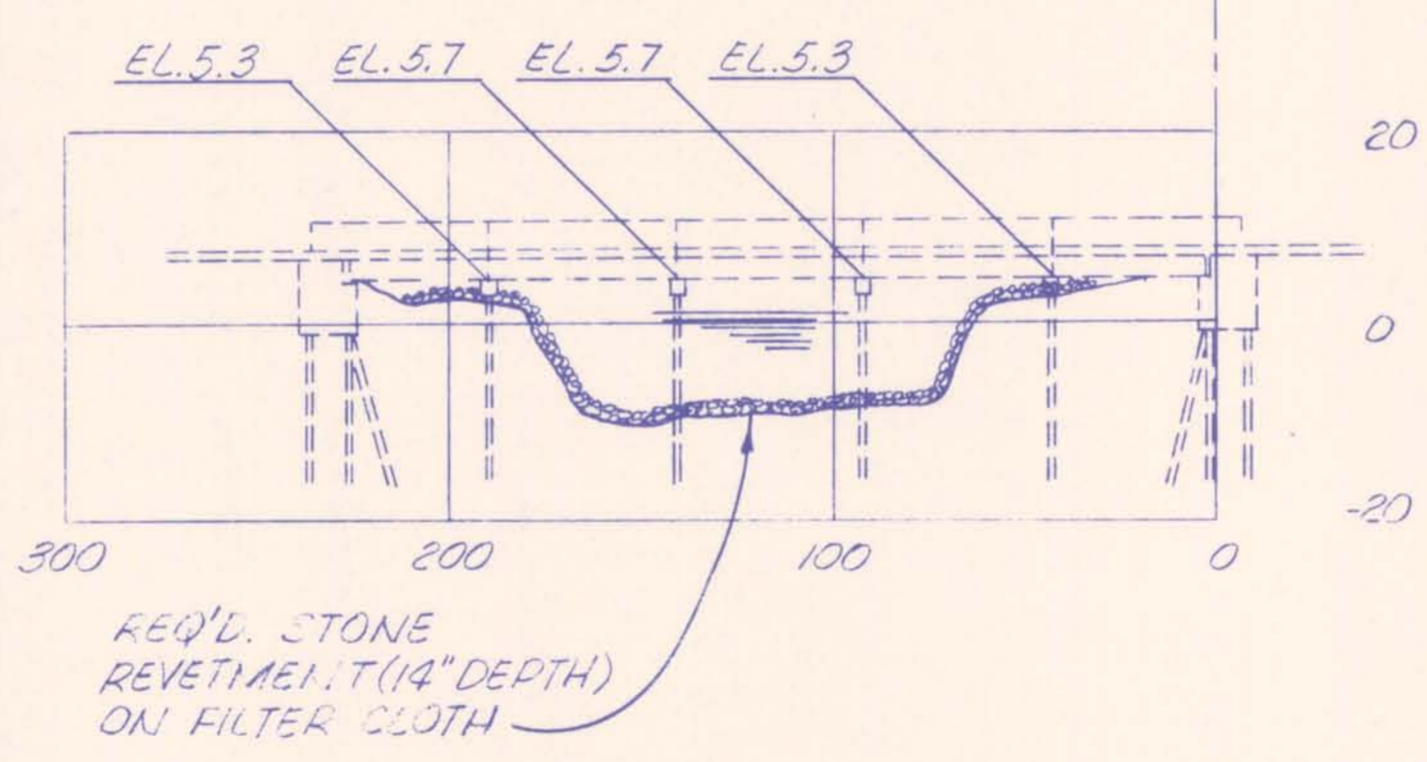
AS BUILT

DATE		DESCRIPTION		BY	DESIGNED	DETAILED	DATE	DRWG. NO.	OF
		REVISIONS			MLS		FEB 7 1990	20	43
					Modjecki & Masters		DRAWN BY		A.P.A.
					New Orleans	Louisiana	SCALE		AS NOTED
					CHECKED	CHECKED	DATE		FEB 7 1990
					CHECKED	CHECKED	DATE		FEB 7 1990
					CHECKED	CHECKED	DATE		FEB 7 1990
					CHECKED	CHECKED	DATE		FEB 7 1990

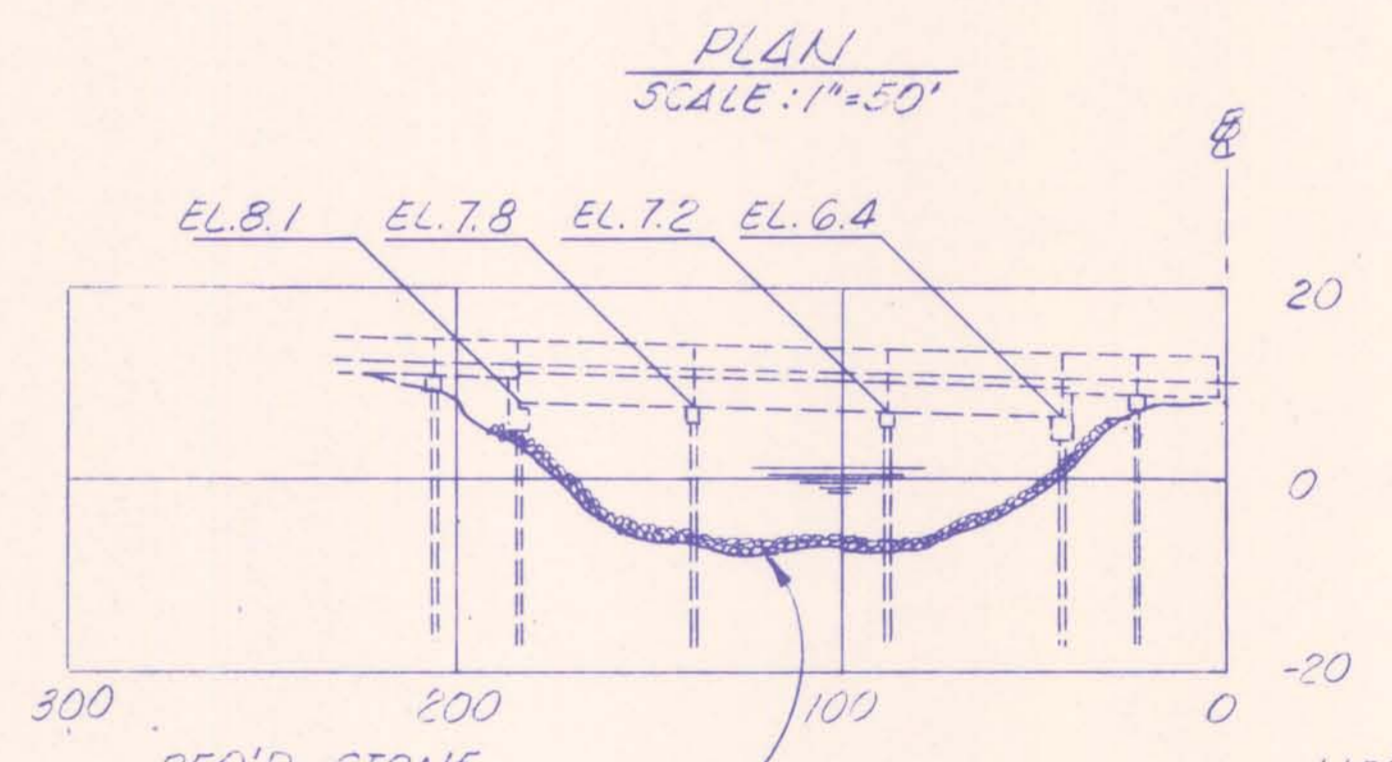
The Board of Commissioners
 OF THE
 Orleans Levee District
 17TH STREET CANAL
 RELOCATION OF FIBER OPTIC LINE



PROFILE & BRIDGE
SCALE: 1"=50' HORIZ.
1"=20' VERT.
HAMMOND HIGHWAY

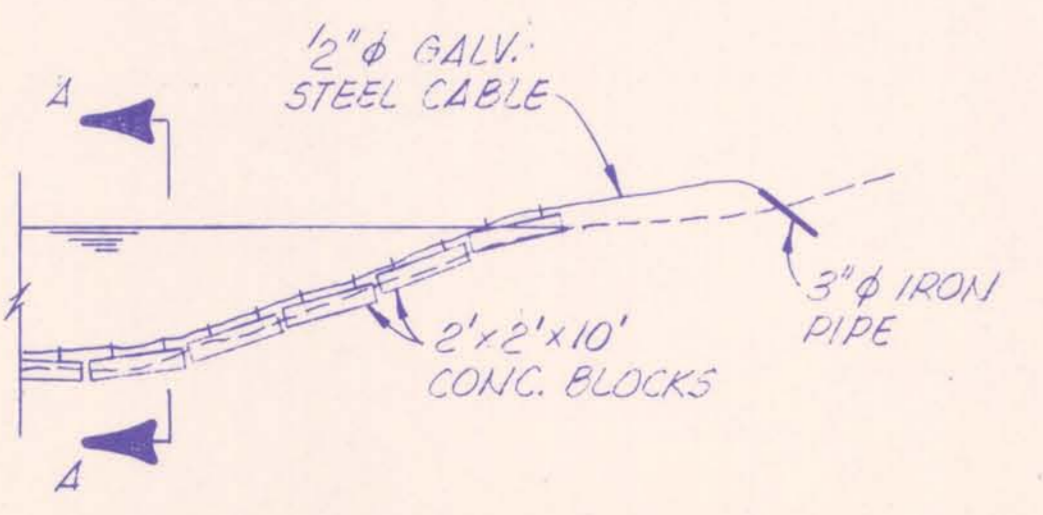


PROFILE & BRIDGE
SCALE: 1"=50' HORIZ.
1"=20' VERT.
VETERANS HIGHWAY

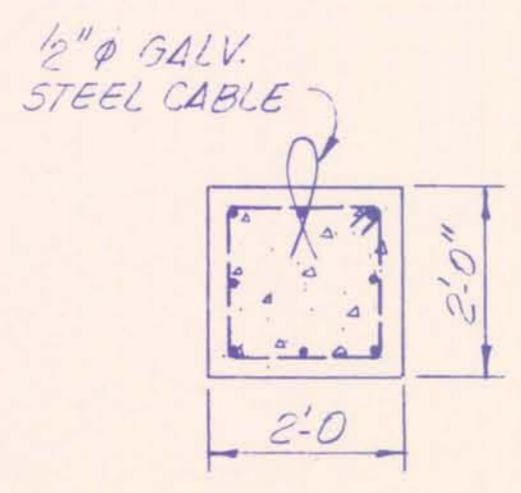


PROFILE & BRIDGE (I-10 WEST)
SCALE: 1"=50' HORIZ.
1"=20' VERT.
INTERSTATE

NOTES:
FOR GENERAL NOTES, SEE DRWG. NO. 3.
ELEVATIONS REFER TO MEAN SEA LEVEL. CONTRACTOR SHOULD VERIFY BOTTOM GIRDER/SLAB ELEVATIONS.
EXACT EAST-WEST LIMITS OF REVELMENT TO BE AS DIRECTED BY THE CHIEF ENGINEER'S REPRESENTATIVE.



EXIST. CONC. BLOCK MUCK RETAINER
SCALE: 1"=20'



SECT. A-A
SCALE: 1/2"=1'-0"

AS BUILT

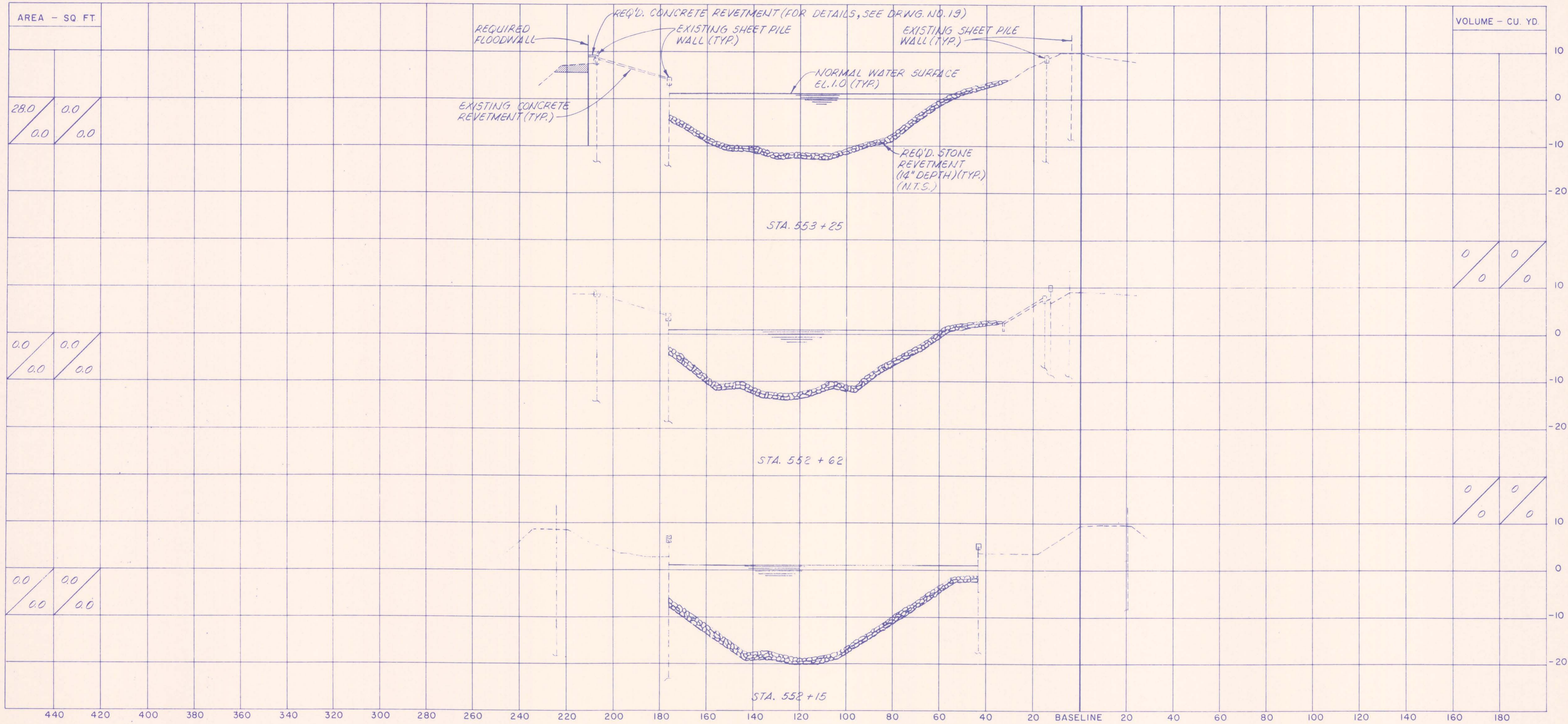
NOTE:
EXACT PLACEMENT OF STONE REVELMENT TO BE AS DIRECTED BY THE ENGINEER.

DATE	DESCRIPTION	DESIGNED BY	DATE	BY
2-8-92	AS-BUILT			

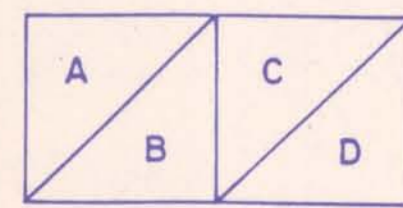
The Board of Levee Commissioners
OF THE
Orleans Levee District
17TH STREET CANAL

STONE REVELMENT DETAILS

Modjeski & Masters		DRWN. BY	A.P.A.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	M/S	DATE	FEB 7 1990
CHECKED	M/S	CHECKED	
		DRWG. NO.	21 OF 43



SCALE
1" = 20' HORIZONTAL
1" = 10' VERTICAL



- A = QUANTITY OF EXCAVATION MATERIAL
- B = QUANTITY OF DREDGE MATERIAL
- C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
- D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES:

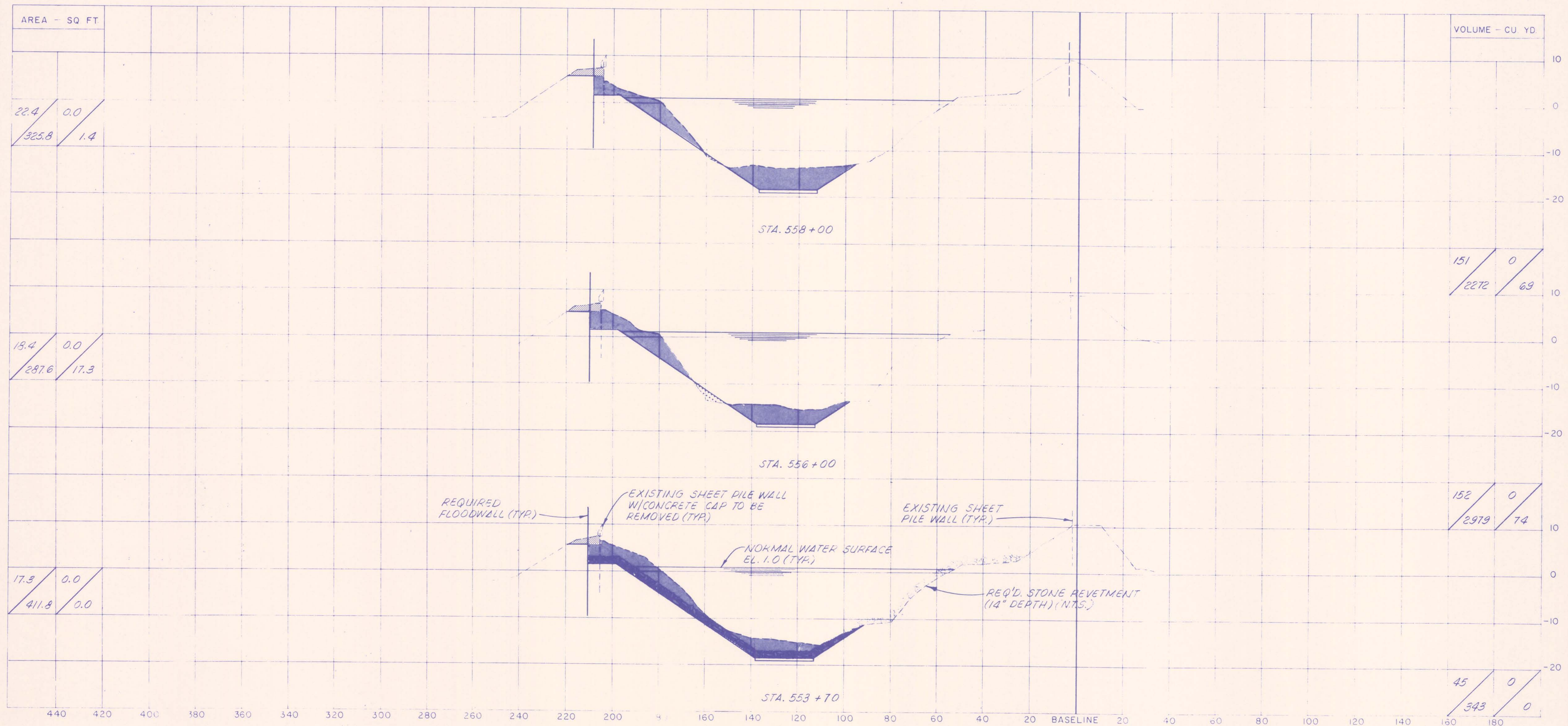
ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
SECTIONS ARE SHOWN LOOKING UPSTATION.
REQ'D. STONE REVETMENT SHOWN ON SECTIONS IS NOT TO SCALE.

The Board of Levee Commissioners
of the
Orleans Levee District

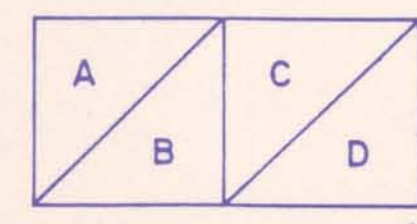
17TH STREET CANAL

CROSS SECTIONS - I

Modjeski & Masters New Orleans Louisiana		DRWG. BY <i>A.P.A.</i>
DESIGNED <i>M.L.S.</i>	DATE FEB 7 1990	SCALE <i>AS NOTED</i>
CHECKED <i>M.L.S.</i>	CHECKED	DRWG. NO. <i>22</i> OF <i>43</i>






SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

-  EXCAVATION
-  FILL
-  DREDGING

NOTES

ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION
 REQ'D. STONE REVETMENT SHOWN ON SECTIONS
 IS NOT TO SCALE.

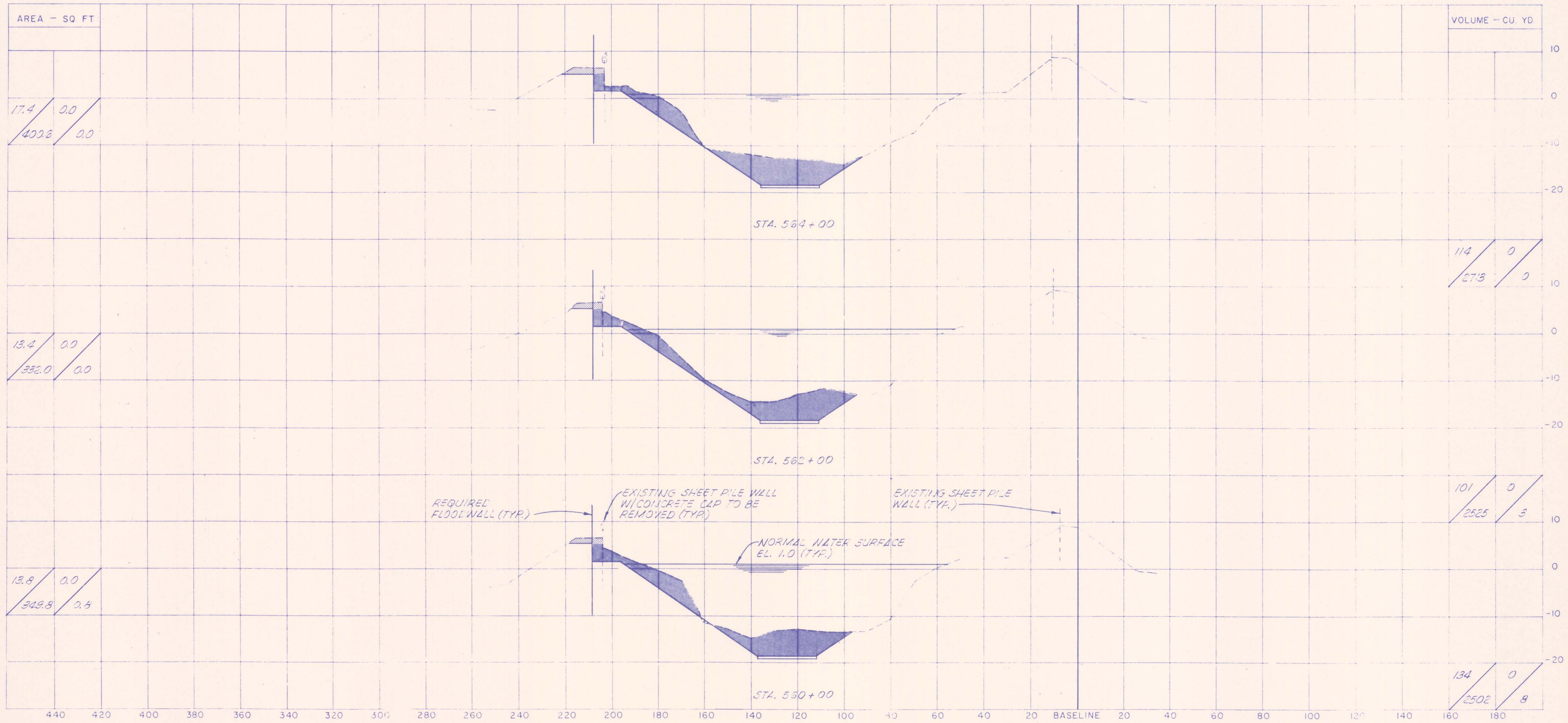
The Board of Levee Commissioners

Orleans Levee District

17TH STREET CANAL

CROSS SECTIONS - 2

New Orleans		Louisiana		DRWG. BY <i>A.P.A.</i>
DESIGNED <i>MLS</i>		DATE FEB 7 1990		SCALE <i>AS NOTED</i>
CHECKED <i>MLS</i>		DRWG. NO. <i>23</i> OF <i>43</i>		



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

A		C	
	B		D

A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

EXCAVATION

FILL

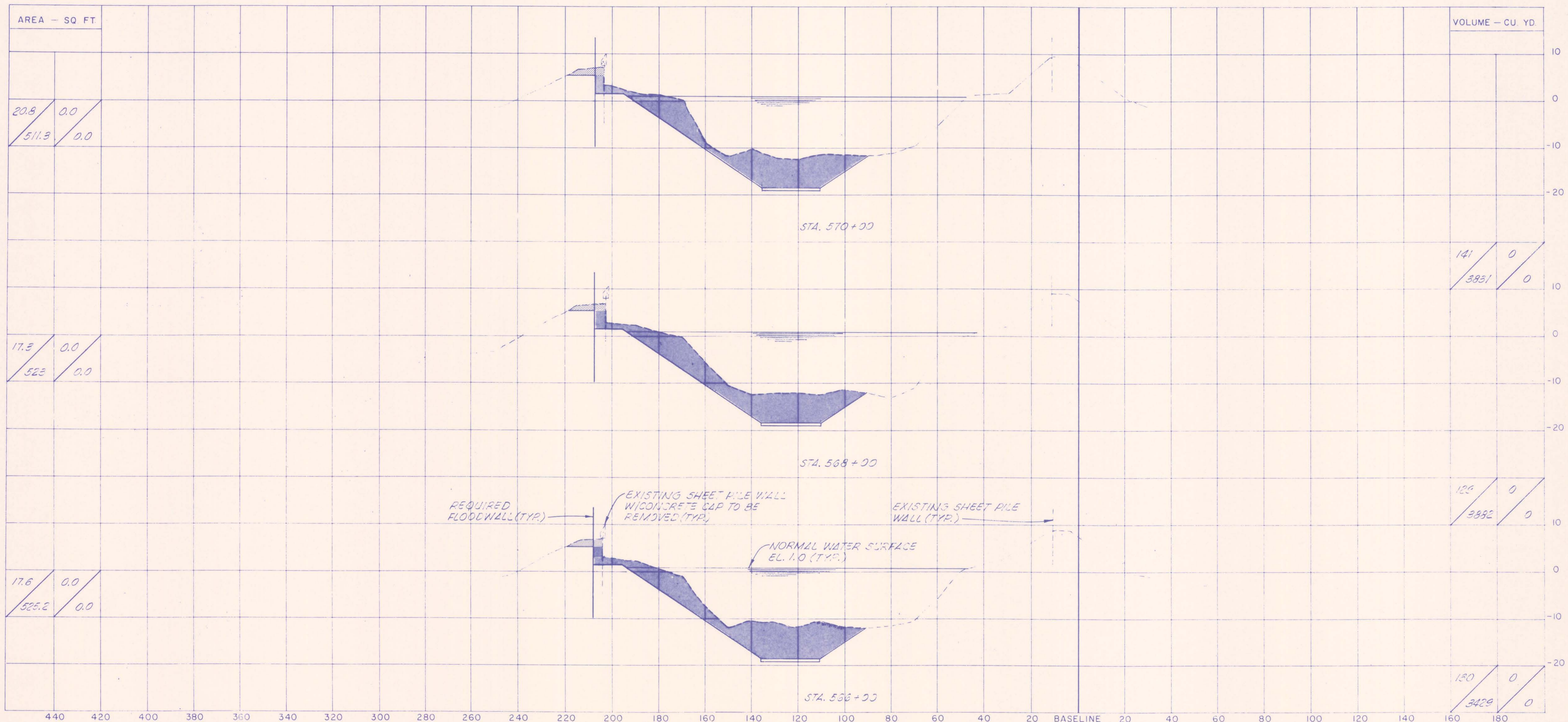
DREDGING

NOTES
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

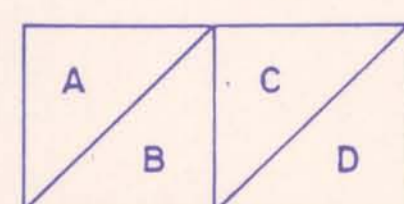
The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS-3

Modjeski & Masters New Orleans Louisiana		DRWG. BY <i>A.P.A.</i> SCALE <i>AS NOTED</i>
DESIGNED <i>M.C.S.</i>	DATE <i>FEB 7 1990</i>	CHECKED <i>11.5</i>
REVISIONS	BY	CHECKED
		DRWG. NO. <i>24</i> OF <i>43</i>

DATE	DESCRIPTION	BY



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



- A = QUANTITY OF EXCAVATION MATERIAL
- B = QUANTITY OF DREDGE MATERIAL
- C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
- D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES

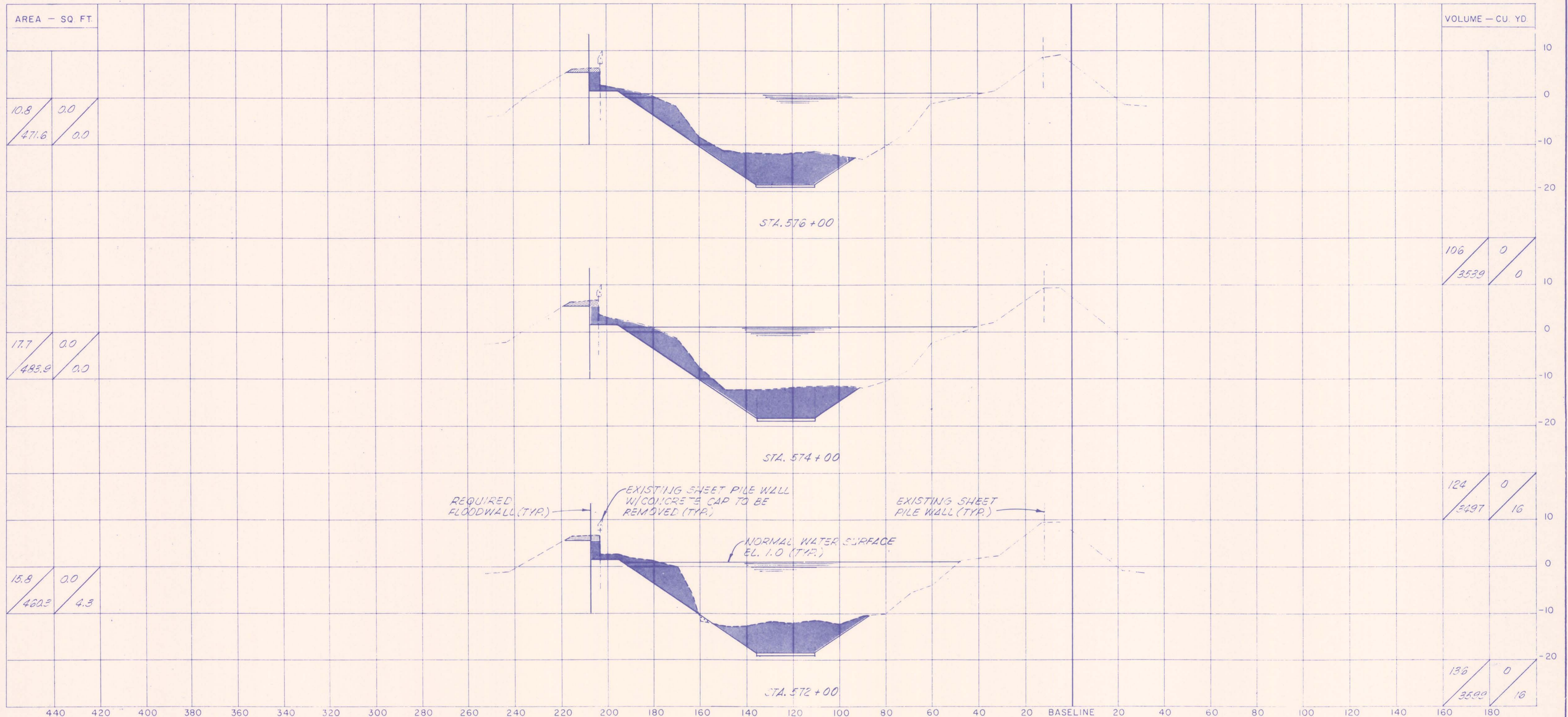
ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 Orleans Levee District

17TH STREET CANAL

CROSS SECTIONS - 4

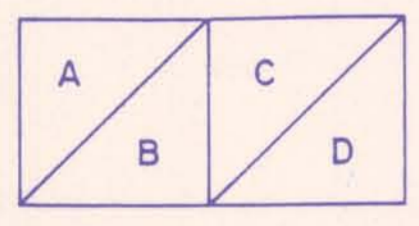
New Orleans		Louisiana		DRWG. BY	L.F.A.
DESIGNED	M.S.	DATE	FEB 7 1990	SCALE	AS NOTED
CHECKED	M.S.	CHECKED		DRWG. NO.	25 OF 43



AREA - SQ. FT.	
10.8	0.0
471.6	0.0
17.7	0.0
493.9	0.0
15.8	0.0
460.3	4.3

VOLUME - CU. YD.	
106	0
3539	0
124	0
3497	16
136	0
3500	16

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

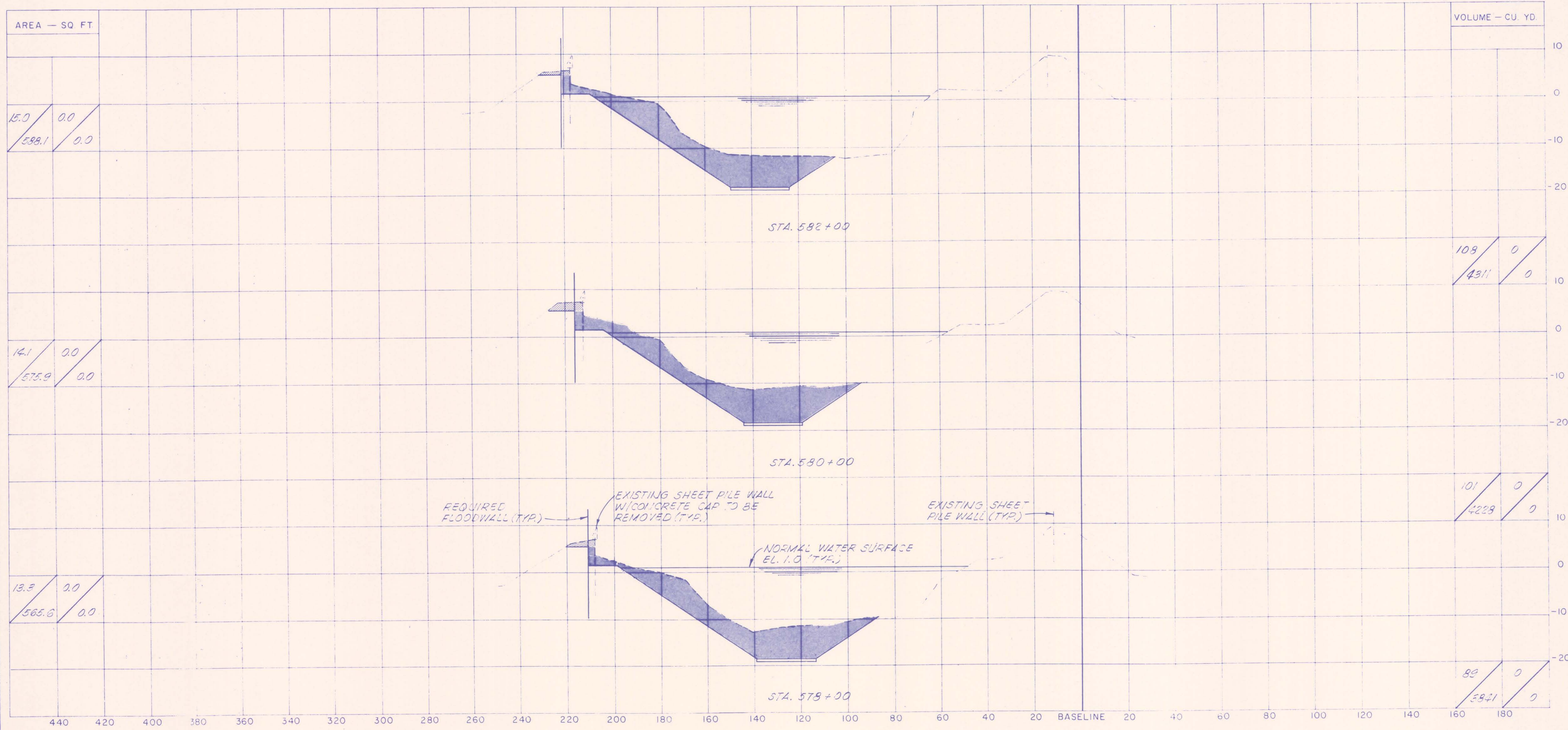
- EXCAVATION
- FILL
- DREDGING

NOTES
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION

The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 5

Modjeski & Masters		DRWG. BY	A.P.A.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	M.L.S.	DATE	FEB 7 1990
CHECKED	M.L.S.	DRWG. NO.	26 OF 43

DATE	DESCRIPTION	BY
	REVISIONS	



AREA — SQ. FT.	
15.0	0.0
598.1	0.0

VOLUME — CU. YD.	
109	0
4311	0

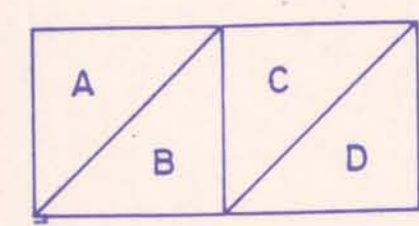
14.1	0.0
575.9	0.0

101	0
4228	0

13.3	0.0
565.6	0.0

89	0
5921	0

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

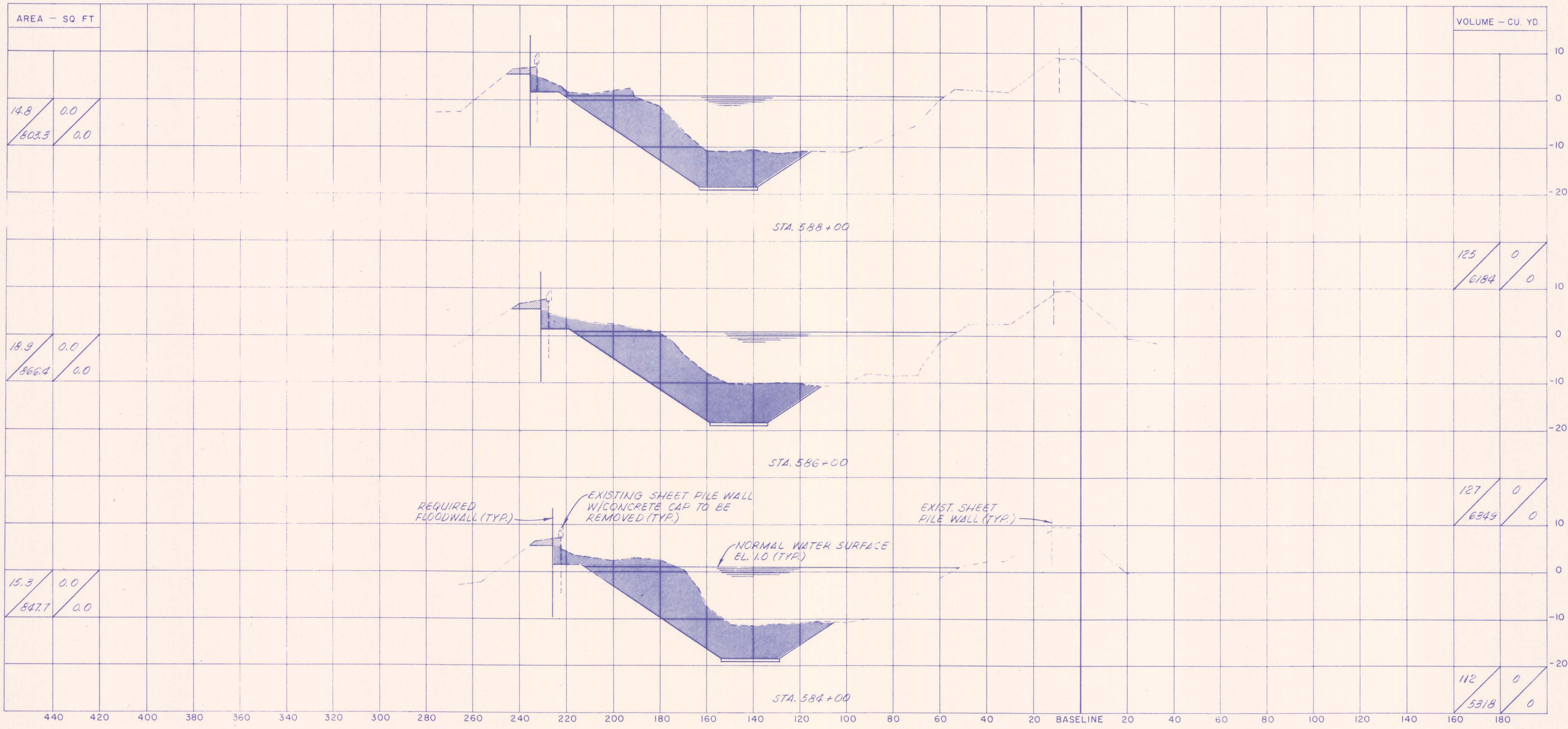
NOTES

ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION.

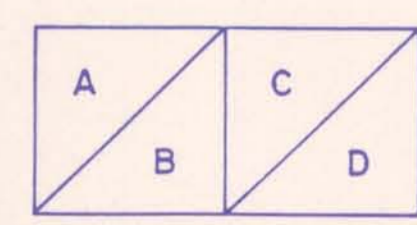
The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 6

Modjeski & Masters		DRWG. BY	L.P.A.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	ML5	DATE	FEB 7 1990
CHECKED	ML5	Detailed	
		CHECKED	
		DRWG. NO.	27 OF 43

DATE	DESCRIPTION	BY
	REVISIONS	



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



- A = QUANTITY OF EXCAVATION MATERIAL
- B = QUANTITY OF DREDGE MATERIAL
- C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
- D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES:

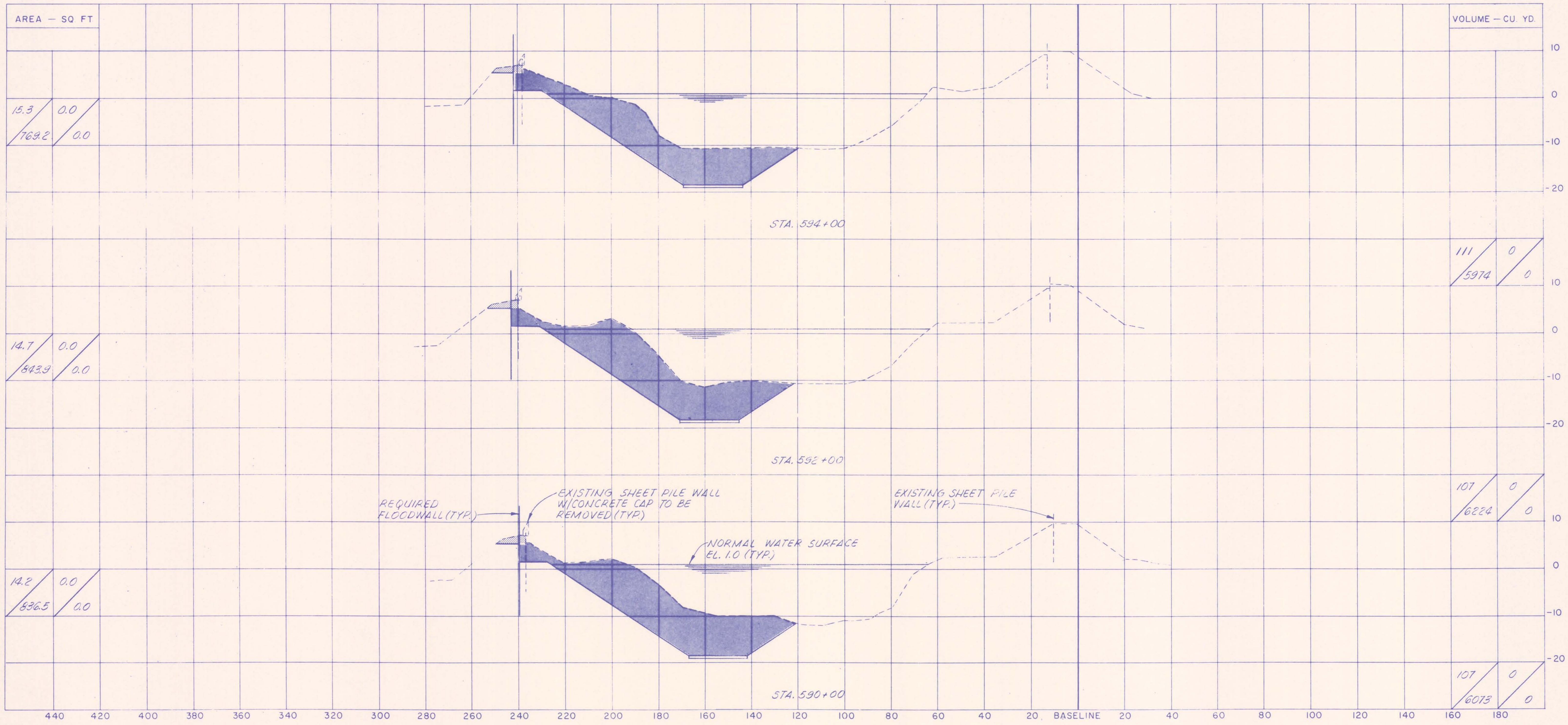
ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 OF THE
 Orleans Levee District

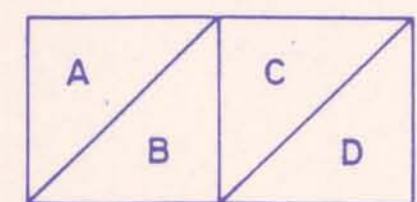
17TH STREET CANAL

CROSS SECTIONS - 7

DESIGNED <i>MLS</i>		DATE FEB 7 1980	
CHECKED <i>MLS</i>		DRAWG. NO. 28 OF 43	



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

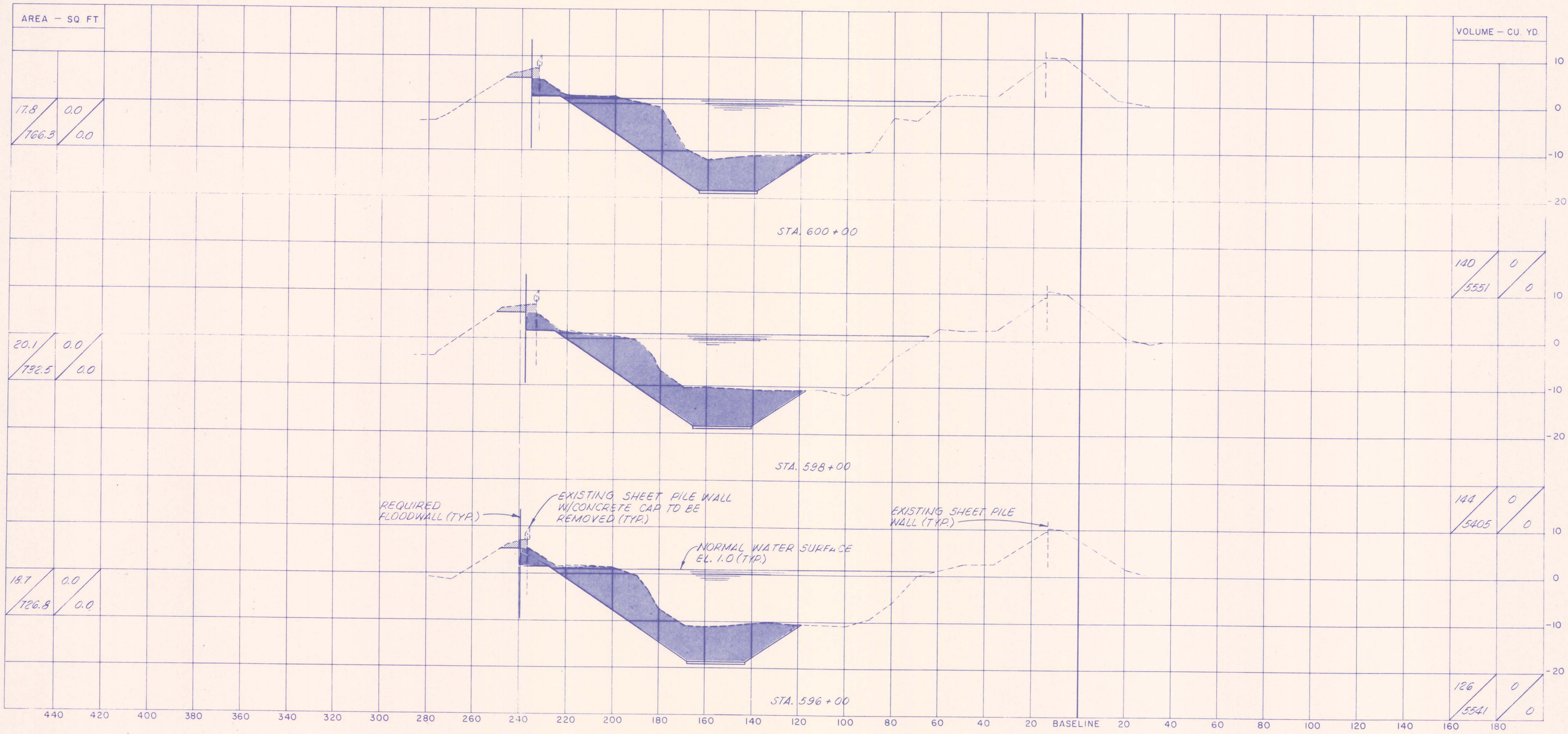
NOTES

ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

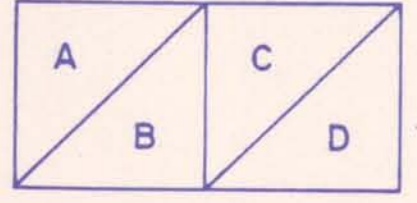
The Board of Levee Commissioners
 OF THE
 Orleans Levee District
 17TH STREET CANAL

CROSS SECTIONS - 8

Modjeski & Masters		DRWG. BY	A.P.A.
New Orleans	Louisiana	SCALE	AS NOTED
DESIGNED	MLS	DATE	FEB 7 1990
CHECKED	MLS	DRWG. NO.	29 OF 45



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

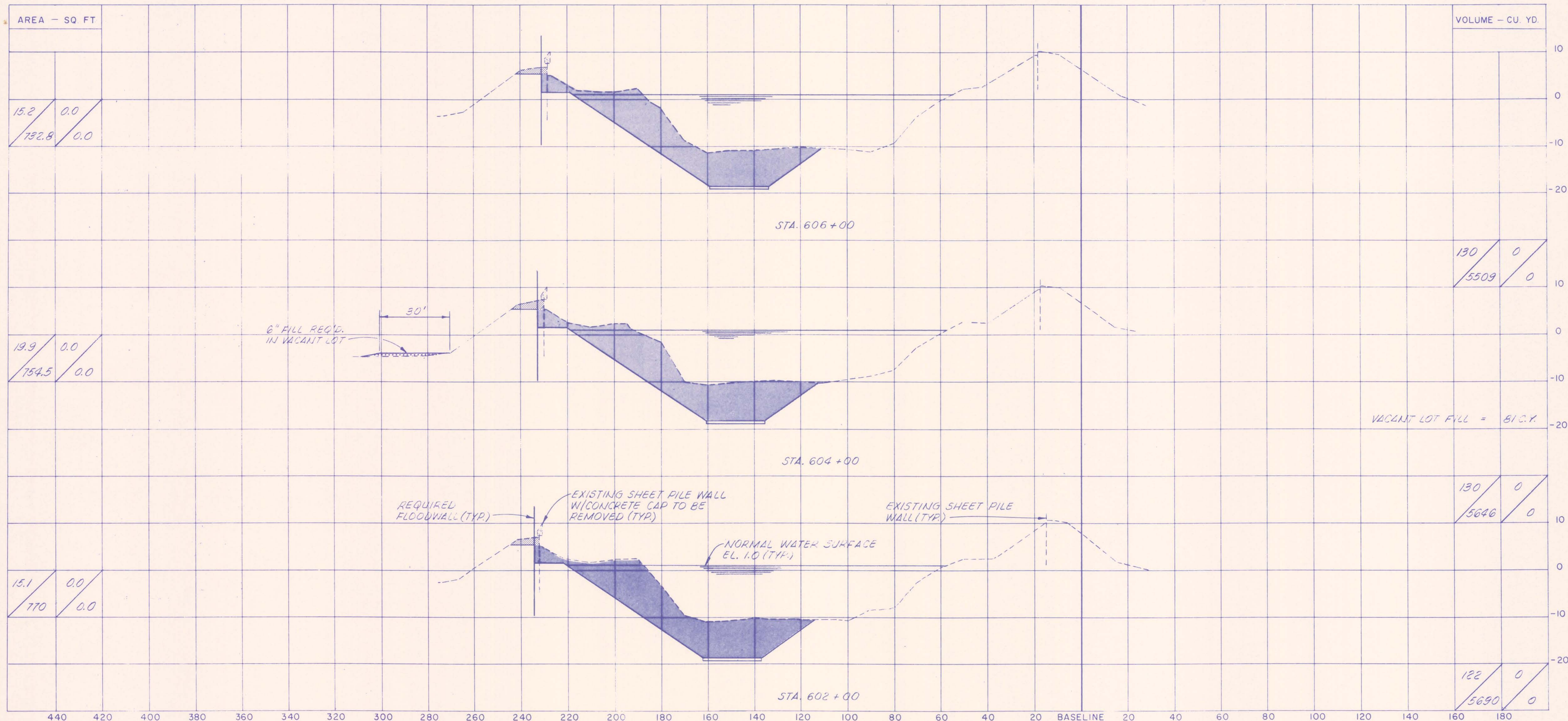
- EXCAVATION
- FILL
- DREDGING

NOTES

ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS-9

New Orleans		Modjeski & Masters		Louisiana		DRWG. BY	A.P.A.
DESIGNED		ML5		DETAILED		SCALE	
CHECKED		ML5		CHECKED		DATE	
						FEB 7 1991	
						DRWG. NO	
						30 OF 43	



AREA - SQ. FT.	
15.2	0.0
732.8	0.0

VOLUME - CU. YD.	
130	0
5509	0

19.9	0.0
754.5	0.0

130	0
5509	0

VACANT LOT FILL = 810.1

15.1	0.0
770	0.0

130	0
5646	0

122	0
5690	0

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

NOTES:
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

A	C
B	D

A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

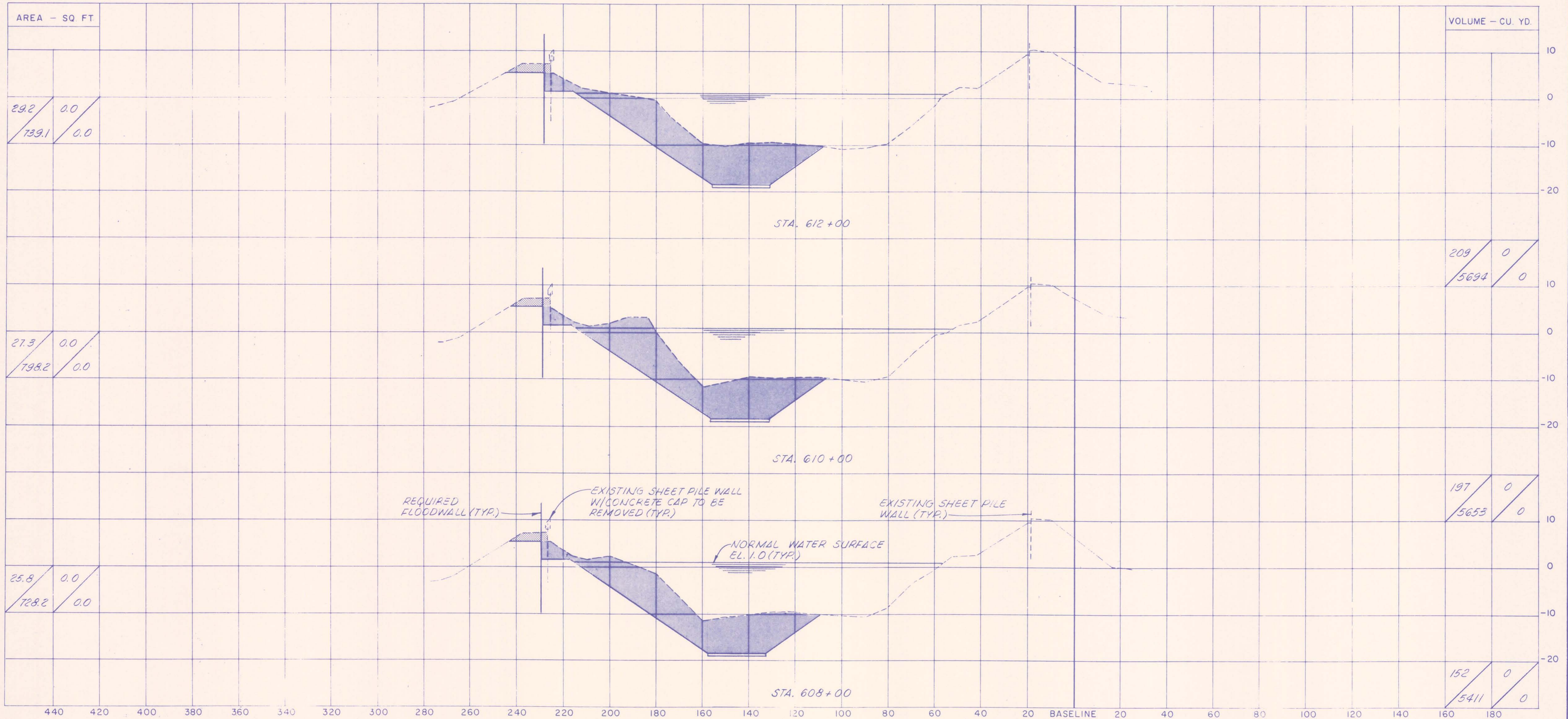
LEGEND

- EXCAVATION
- FILL
- DREDGING

DATE	DESCRIPTION	BY

The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS-10

Modjeski & Masters		DRWG. BY <i>A.P.A.</i>
New Orleans	Louisiana	SCALE <i>AS NOTED</i>
DESIGNED <i>MLS</i>	DATE <i>FEB 7 1980</i>	Detailed
CHECKED <i>MLS</i>	CHECKED	DRWG. NO. <i>31</i> OF <i>43</i>



REQUIRED FLOODWALL (TYP.)

EXISTING SHEET PILE WALL W/ CONCRETE CAP TO BE REMOVED (TYP.)

EXISTING SHEET PILE WALL (TYP.)

NORMAL WATER SURFACE EL. 1.0 (TYP.)

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

A	C
B	D

A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

EXCAVATION

FILL

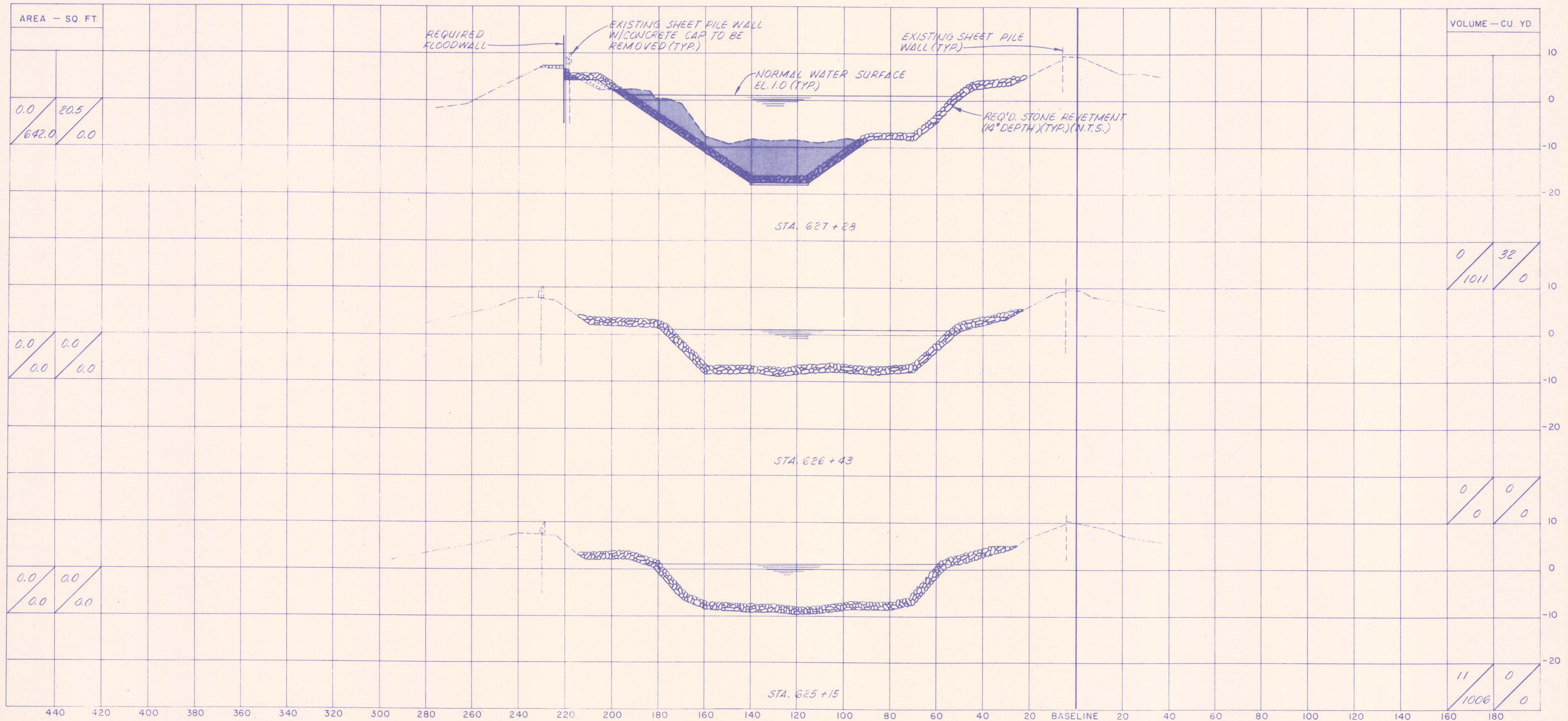
DREDGING

NOTES:
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS-II

Modjeski & Masters		DRWG. BY A.P.A.
New Orleans	Louisiana	SCALE AS NOTED
DESIGNED MLS	DATE FEB 7 1990	
CHECKED MLS	CHECKED	DRWG. NO. 32 OF 43

DATE	DESCRIPTION	BY
	REVISIONS	



AREA - SQ. FT.

0.0	20.5
642.0	0.0

VOLUME - CU. YD.

0	32
1011	0

0.0	0.0
0.0	0.0

0	0
0	0

0.0	0.0
0.0	0.0

11	0
1006	0

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

A	C
B	D

A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

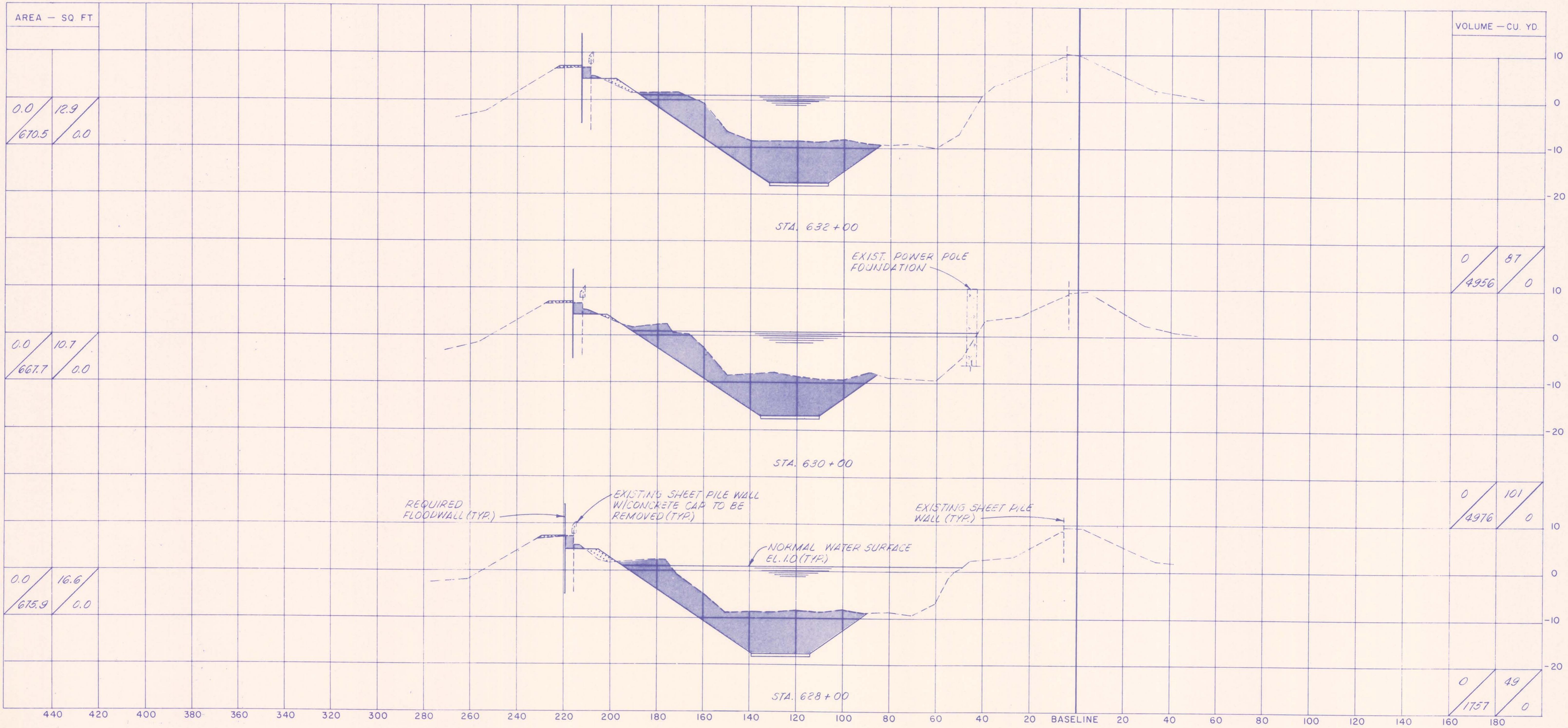
LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.
 REQ'D. STONE REVETMENT SHOWN ON SECTIONS IS NOT TO SCALE.

The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 14

New Orleans		Louisiana		DRWG. BY	A.P.A.
DESIGNED		ML5		SCALE	AS NOTED
CHECKED		ML5		DATE	FEB 7 1990
REVISIONS		BY		DRWG. NO.	35 OF 43



AREA - SQ. FT.

0.0	12.9
670.5	0.0

VOLUME - CU. YD.

0.0	10.7
667.7	0.0

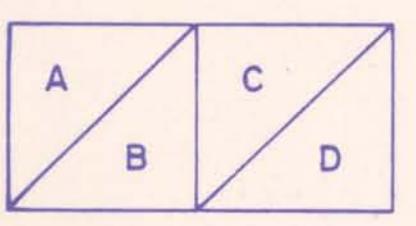
0	87
4956	0

0.0	16.6
675.9	0.0

0	101
4976	0

0	49
1757	0

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

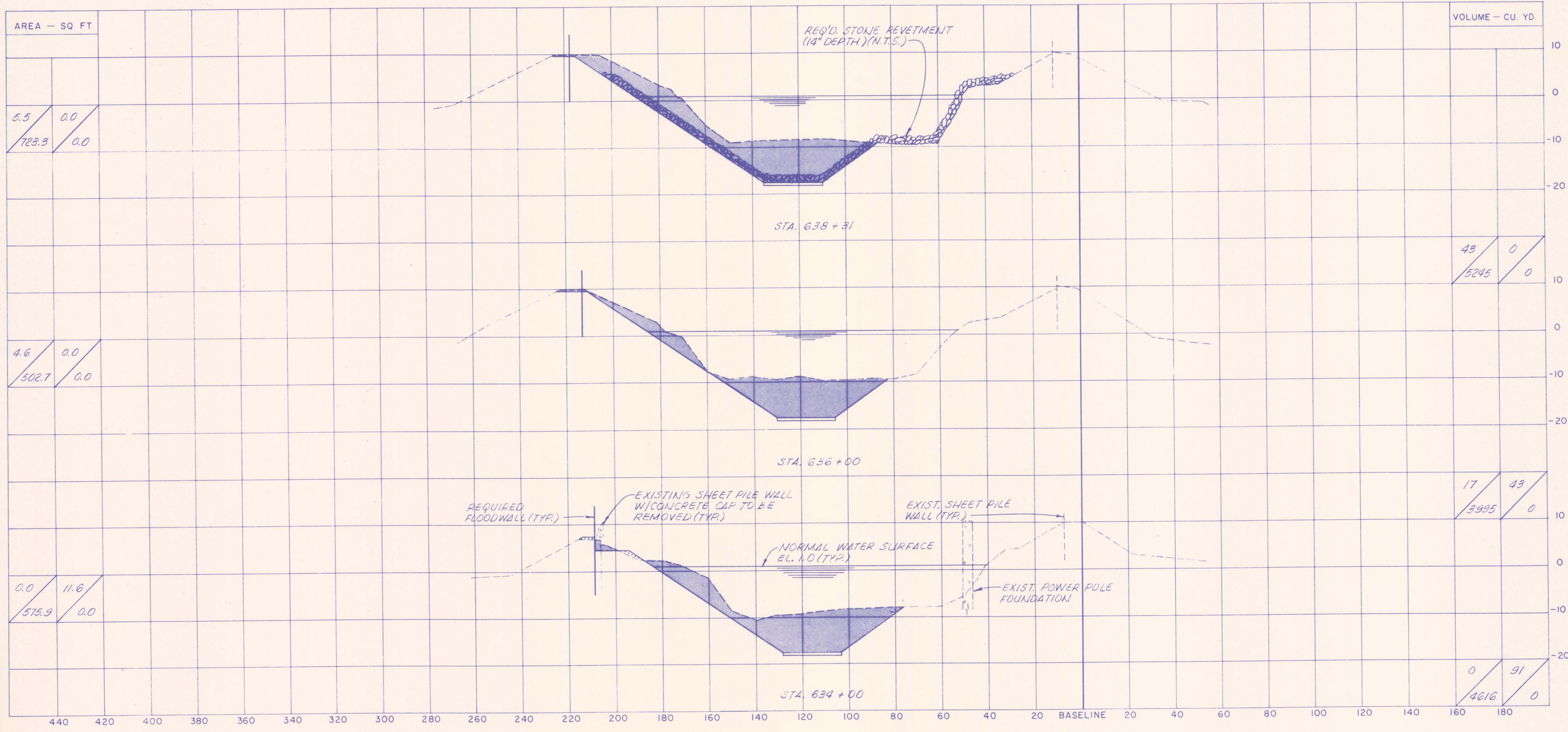
- EXCAVATION
- FILL
- DREDGING

NOTES:

ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 OF THE
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 15

New Orleans		Louisiana		DRWG. BY A.P.A.
DESIGNED <i>MLS</i>		DETAILED		SCALE AS NOTED
CHECKED <i>MLS</i>		CHECKED		DATE FEB 7 1977
REVISIONS				DRWG. NO. 36 OF 43



AREA - SQ. FT.

5.5	0.0
723.3	0.0

VOLUME - CU. YD.

43	0
5245	0

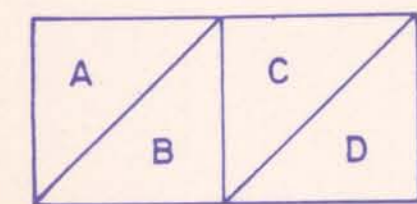
4.6	0.0
502.7	0.0

17	43
3995	0

0.0	11.6
515.9	0.0

0	91
4616	0

SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

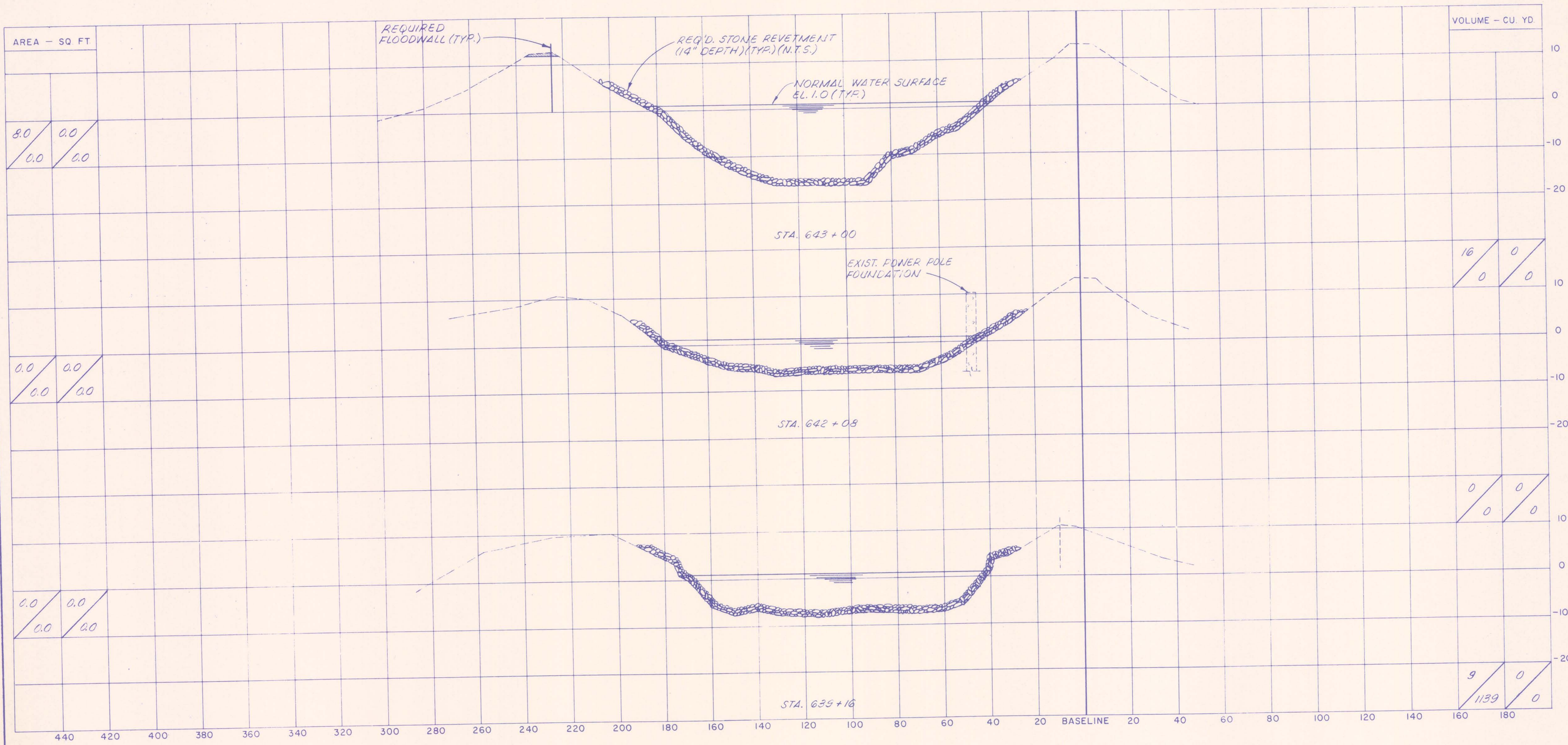
- EXCAVATION
- FILL
- DREDGING

NOTES:
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.
 REQ'D. STONE REVETMENT SHOWN ON SECTIONS IS NOT TO SCALE.

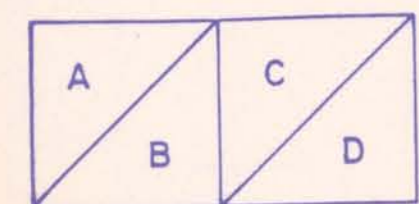
The Board of Levee Commissioners
 OF THE
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 16

Modjeck & Masters		DRWG. BY	A.P.A.
New Orleans Louisiana		SCALE	AS NOTED
DESIGNED	MLS	DATE	FEB 7 1990
CHECKED	MLS	DRWG. NO.	37 OF 43

DATE	DESCRIPTION	BY



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES:

ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.
 REQ'D. STONE REVETMENT SHOWN ON SECTIONS
 IS NOT TO SCALE.

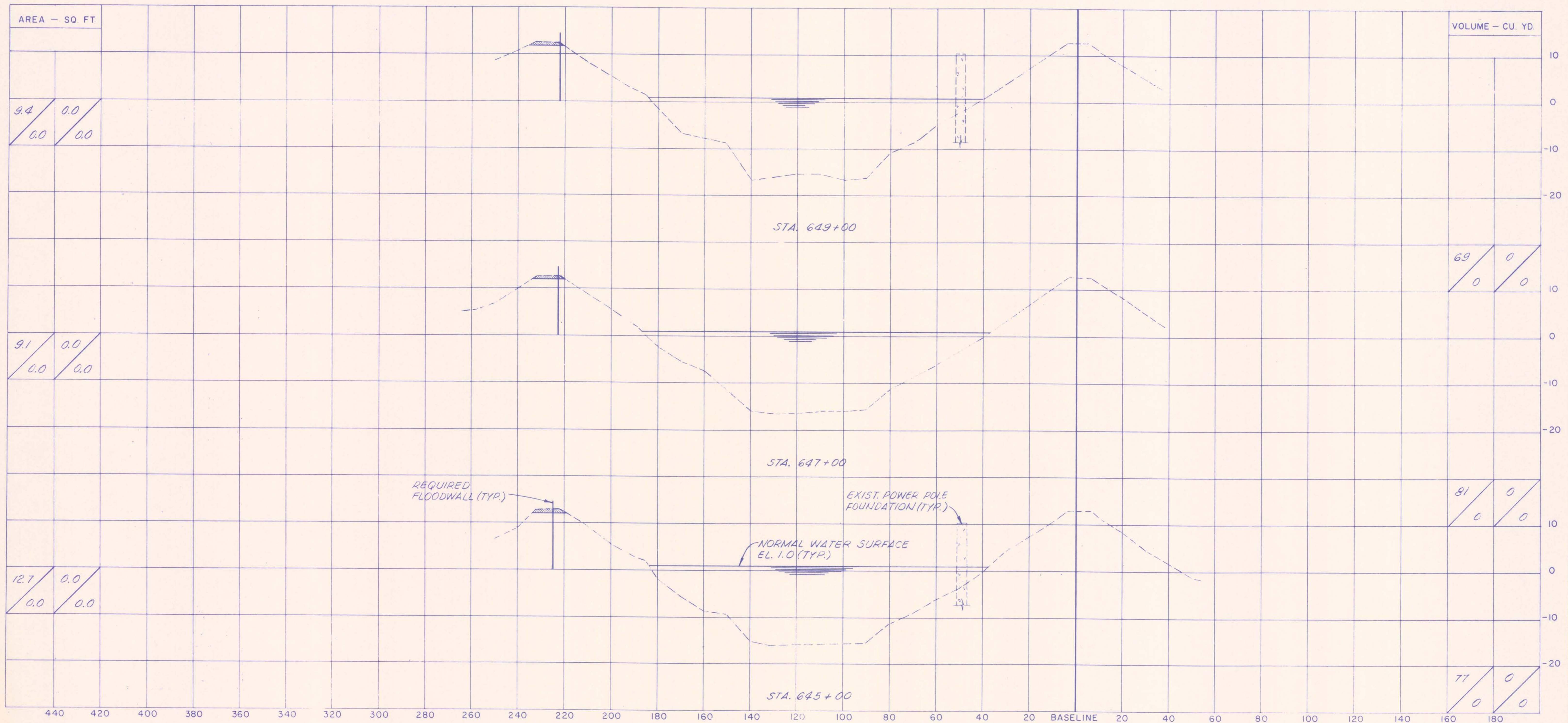
The Board of Levee Commissioners
 OF THE
Orleans Levee District

17TH STREET CANAL

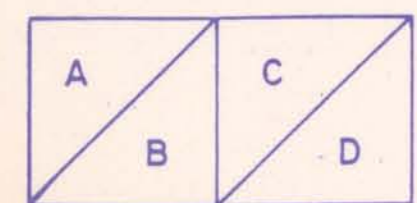
CROSS SECTIONS - 17

Modjecki & Masters		New Orleans, Louisiana	
DESIGNED	ML5	Detailed	DATE
CHECKED	ML5	CHECKED	DATE
		DRAWN BY <i>A.P.A.</i>	
		SCALE <i>AS NOTED</i>	
		DATE <i>FEB 7 1990</i>	
		DRAWING NO. <i>38 OF 43</i>	

DATE	DESCRIPTION	BY



SCALE
1" = 20' HORIZONTAL
1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
B = QUANTITY OF DREDGE MATERIAL
C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

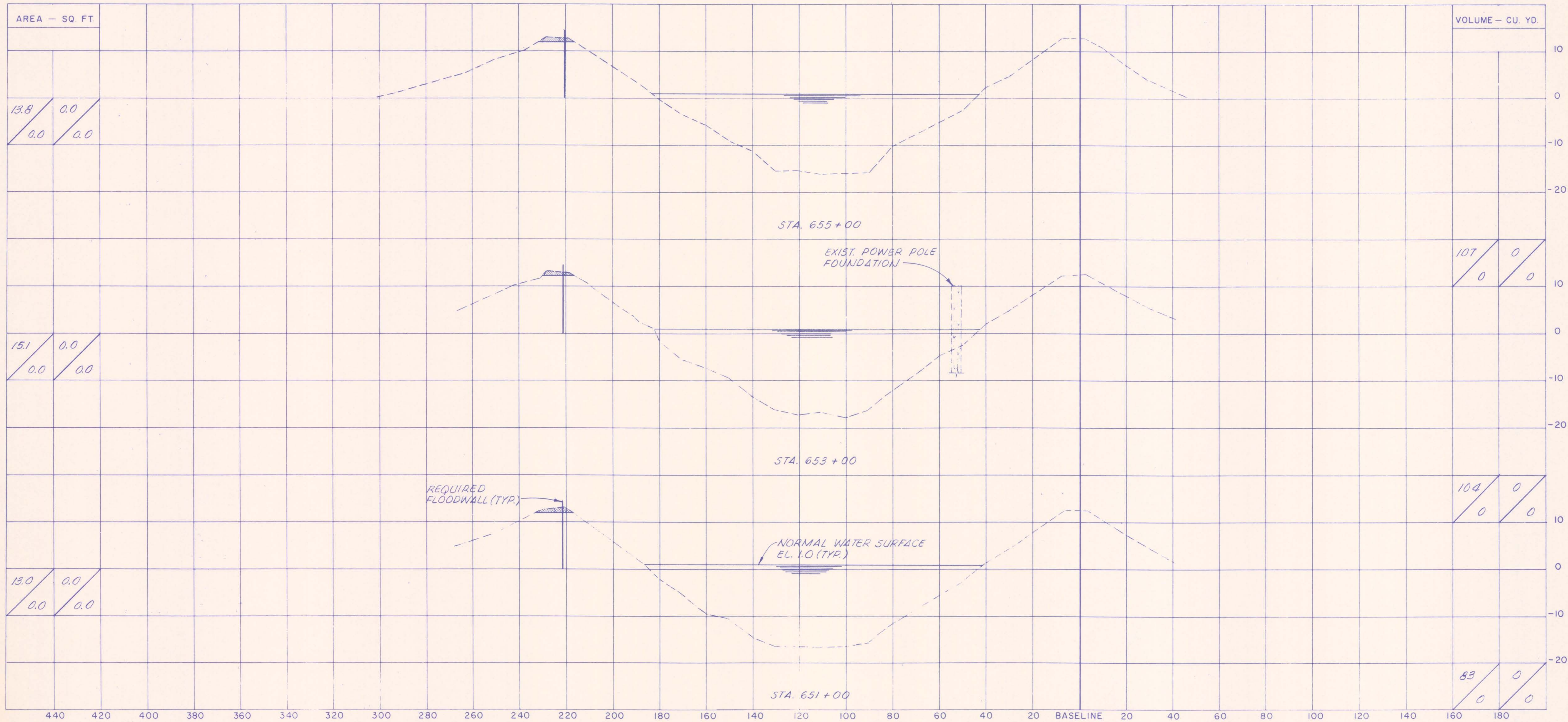
- EXCAVATION
- FILL
- DREDGING

NOTES:
ALL ELEVATIONS REFER TO MEAN SEA LEVEL
SECTIONS ARE SHOWN LOOKING UPSTATION.

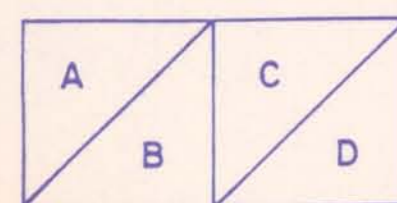
The Board of Levee Commissioners
OF THE
Orleans Levee District
17TH STREET CANAL
CROSS SECTIONS - 18

New Orleans		Louisiana		DRWG. BY <i>A.P.A.</i>
DESIGNED <i>MLS</i>		DATE <i>FEB '71</i>		SCALE <i>AS NOTED</i>
CHECKED <i>MLS</i>		CHECKED		DRWG. NO. <i>39</i> OF <i>43</i>

DATE	DESCRIPTION	BY



SCALE
1" = 20' HORIZONTAL
1" = 10' VERTICAL



- A = QUANTITY OF EXCAVATION MATERIAL
- B = QUANTITY OF DREDGE MATERIAL
- C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
- D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES:

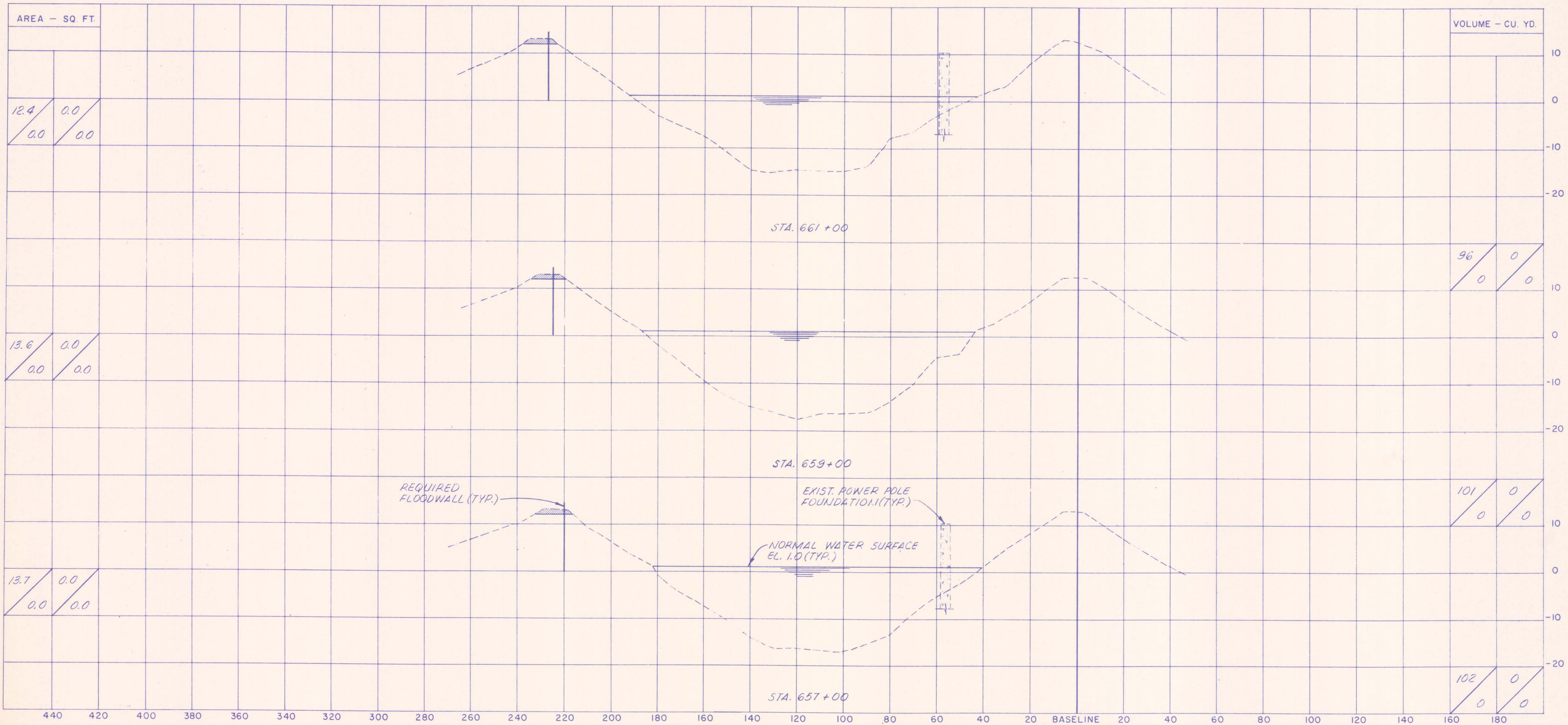
ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
OF THE
Orleans Levee District

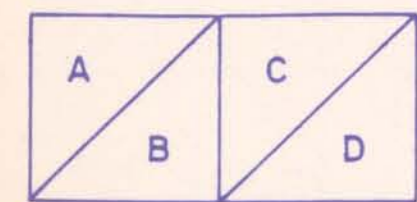
17TH STREET CANAL

CROSS SECTIONS - 19

DATE		DESCRIPTION	BY	DESIGNED <i>MLS</i>	DATE FEB 7 1990
REVISIONS				CHECKED <i>MLS</i>	CHECKED
				DRWG. BY <i>A.P.A.</i>	SCALE <i>AS NOTED</i>
				DRWG. NO. 40	OF 43






SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

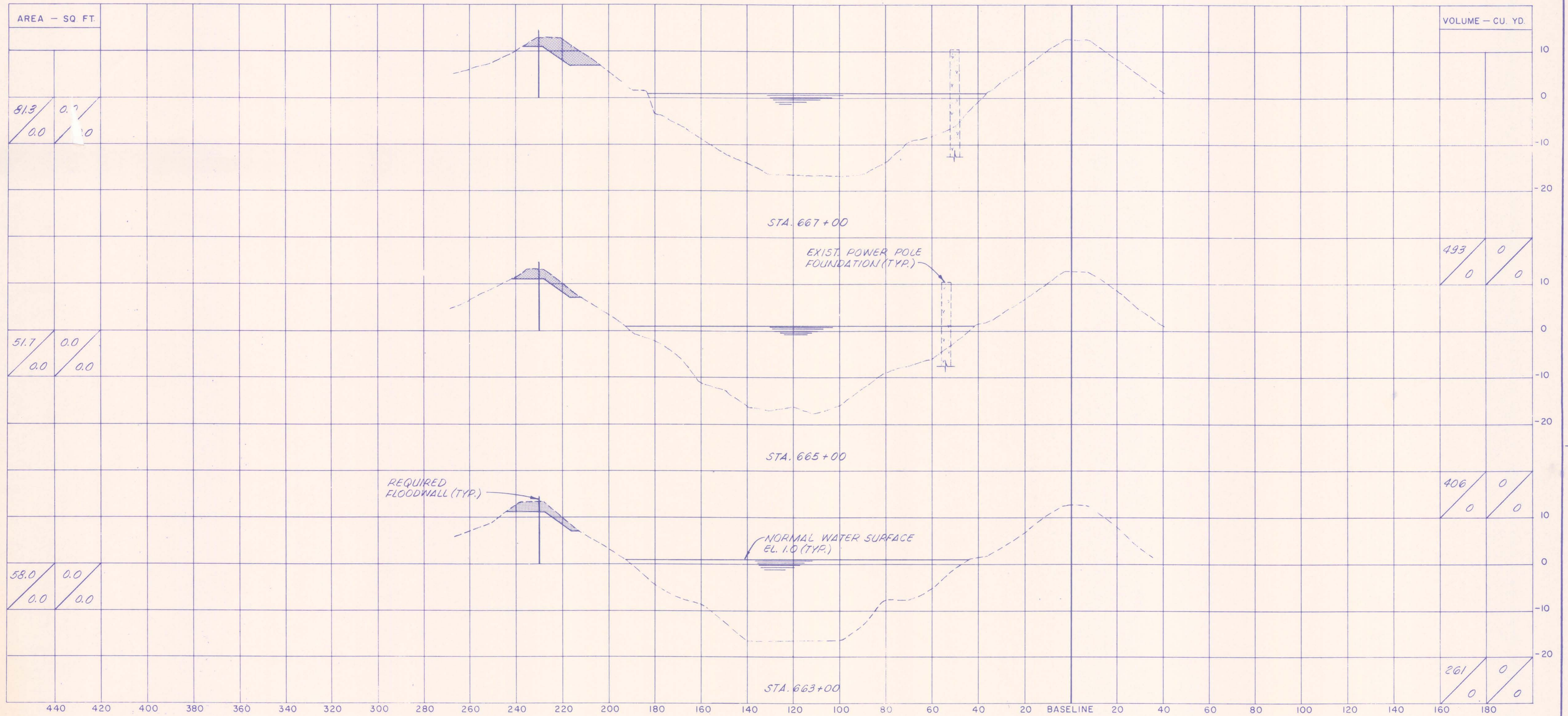
-  EXCAVATION
-  FILL
-  DREDGING

NOTES
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

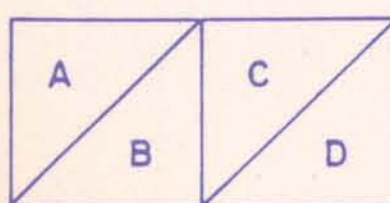
The Board of Levee Commissioners
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS - 20

Modjeski & Masters		DRWG. BY <i>A.P.A.</i>
New Orleans	Louisiana	SCALE <i>AS NOTED</i>
DESIGNED <i>MLS</i>	DETAILED	DATE FEB 7 1990
CHECKED <i>MLS</i>	CHECKED	DRWG. NO. <i>41</i> OF <i>43</i>

DATE	DESCRIPTION	BY
	REVISIONS	



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES

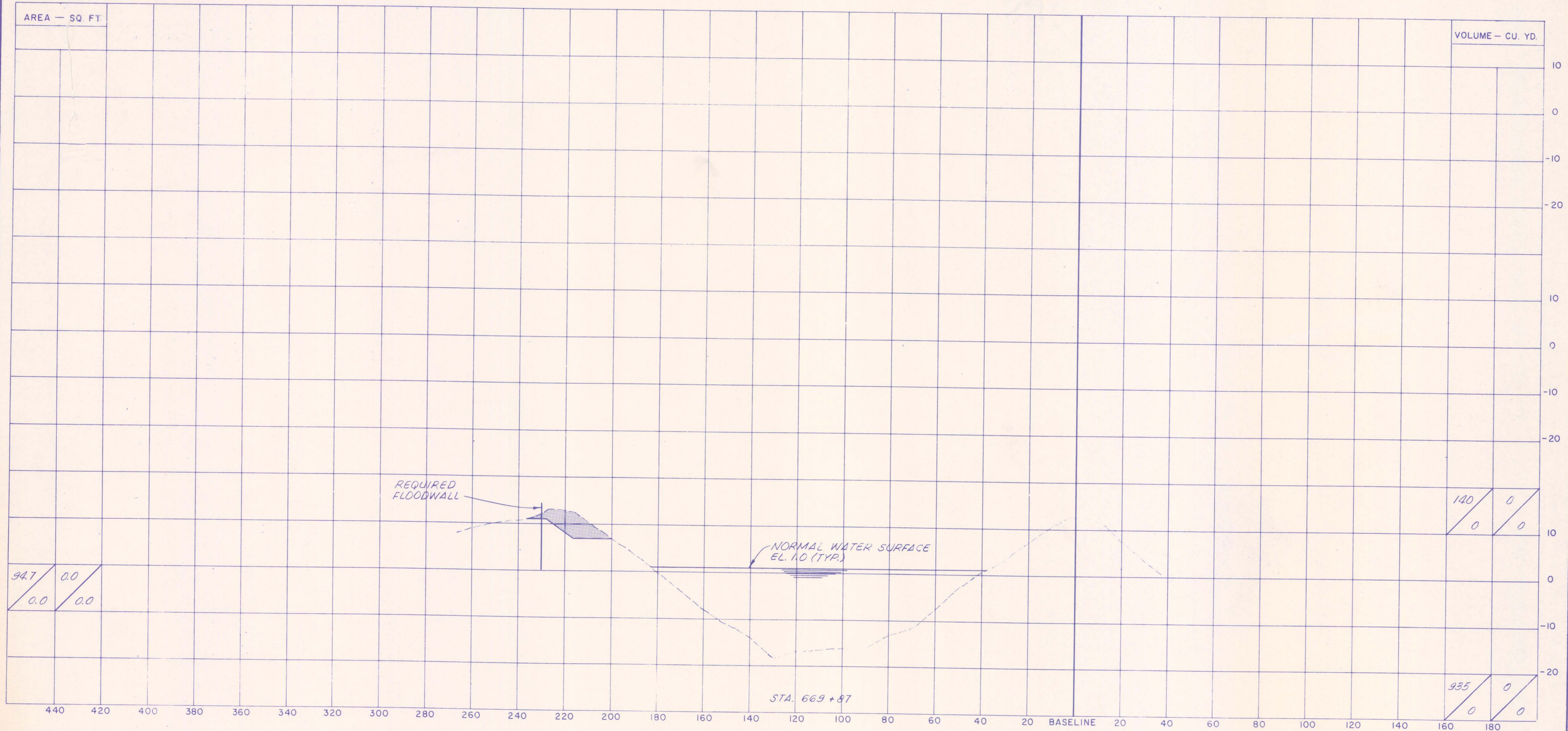
ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

The Board of Levee Commissioners
 OF THE
 Orleans Levee District

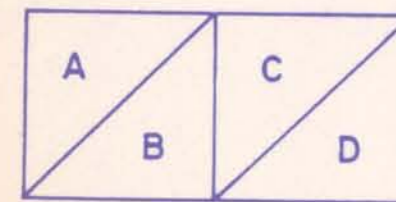
17TH STREET CANAL

CROSS SECTIONS - 21

DATE		DESCRIPTION		BY		DESIGNED <i>MLS</i>		DATE FEB 7 1990	
REVISIONS		CHECKED		CHECKED		DRAWN		DATE	
						New Orleans		Louisiana	
						Modjeski & Masters		DRAWN BY <i>A.P.A.</i>	
						SCALE <i>AS NOTED</i>		DRAWN NO. <i>42</i> OF <i>43</i>	



SCALE
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL



A = QUANTITY OF EXCAVATION MATERIAL
 B = QUANTITY OF DREDGE MATERIAL
 C = QUANTITY OF FILL MATERIAL ABOVE EL. 1.0
 D = QUANTITY OF FILL MATERIAL BELOW EL. 1.0

LEGEND

- EXCAVATION
- FILL
- DREDGING

NOTES:
 ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
 SECTIONS ARE SHOWN LOOKING UPSTATION.

TOTALS:

7,444	587
19,348	186

The Board of Levee Commissioners
 OF THE
 Orleans Levee District
 17TH STREET CANAL
 CROSS SECTIONS-22

DATE		DESCRIPTION		BY	DESIGNED	ML5	DATE	FEB 7 1990
REVISIONS					CHECKED	ML5	CHECKED	
				DRWG. BY	A.P.A.		SCALE	AS NOTED
				DATE	FEB 7 1990		DRWG. NO.	43 OF 43