

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17 TO ST. CANAL X-SECTION
 SHEET NO. 1 OF 59
 CALCULATED BY _____ DATE 10/06/87
 CHECKED BY _____ DATE _____
 SCALE 1" = 30'

STA	+	HI	-	ELEV	DESC.
				28.92	H-188
3.35		32.27			
			1.81	30.46	TOP of CONC. WALL @ STA 554+00
			1.87	30.40	TOP of CONC. WALL @ STA 555+00
			8.50	23.77	TOP of WATER
					SOUNDINGS: HAMMOND HWY TO I-10 3/24/87 8:AM
				28.92	H-188
3.17		32.09			
			8.57	23.52	TOP of WATER
					3/24/87 7:AM SET TIDE GAUGE IN CANAL
				30.83	TBM 634+64.0
0.15		30.98			
			10.41	20.57	TOP of WATER
					4/1/87 7:30 AM check to gauge @ I-10

WALKER & AVERY, INC.
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JOB 17th ST. CANAL X SECT.
 SHEET NO. 2 OF 60
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE FD 3/24/87

STA 554+00			STA 555+00			STA 556+00		
TOP of WATER 23.50			TOP of WATER 23.50			TOP of WATER 23.50		
WATER EDGE	0+24.0	23.5	WATER EDGE	0+20.0	23.5	WATER EDGE	0+21.0	23.5
LEVEE TOE	0+26.0	0.7 ^{23.8}	LEVEE TOE	0+21.0	0.2 ^{23.3}	TOE	0+22.0	0.50 ^{23.0}
	0+30	1.0 ^{22.5}		0+30	1.4 ^{22.1}		+30	1.8 ^{21.7}
	0+40	1.6 ^{21.9}		0+40	1.6 ^{21.9}		+40	1.5 ^{22.0}
	0+50	2.2 ^{21.3}		0+50	1.5 ^{22.0}		+50	1.6 ^{21.9}
	0+60	4.2 ^{19.3}		0+60	3.0 ^{20.5}		+60	3.2 ^{20.3}
	0+70	8.0 ^{15.5}		0+70	6.0 ^{17.5}		+70	4.9 ^{18.6}
	0+80	13.7 ^{9.8}		0+80	12.1 ^{11.4}		+80	9.5 ^{14.0}
	0+90	14.2 ^{9.3}		0+90	14.2 ^{9.3}		+90	16.2 ^{7.3}
	1+00	16.3 ^{7.2}		1+00	14.0 ^{9.5}		1+00	16.6 ^{6.9}
	1+10	18.9 ^{4.6}		1+10	15.0 ^{8.5}		1+10	18.5 ^{5.0}
	1+20	18.0 ^{5.5}		1+20	17.6 ^{5.9}		1+20	18.3 ^{5.2}
	1+30	17.3 ^{6.2}		1+30	18.8 ^{4.7}		1+30	17.5 ^{6.0}
	1+40	17.2 ^{6.3}		1+40	18.7 ^{4.8}		1+40	17.2 ^{6.3}
	1+50	15.5 ^{8.0}		1+50	18.0 ^{5.5}		1+50	17.4 ^{6.1}
	1+60	12.4 ^{11.1}		1+60	14.6 ^{8.9}		1+60	16.5 ^{7.0}
	1+70	6.3 ^{17.2}	RIDGE	1+65	10.8 ^{12.7}		1+70	9.4 ^{14.1}
RIFT RAFT	1+80	2.5 ^{21.0}		1+70	7.2 ^{16.3}		1+80	2.6 ^{20.9}
WATER EDGE	1+86	23.5		1+75	2.5 ^{21.0}	WATER EDGE	1+90	1.5 ^{22.0}
				1+80	1.9 ^{21.6}		1+93.0	23.5
			TOE	1+86				
			WATER EDGE	1+88	23.5			

WALKER & AVERY, INC.
 1315 FNBC Building
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JOB _____
 SHEET NO. 3 OF 6
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 90 3/24/87

STA 557+00				STA 553+00				STA 559+00			
TOP of WATER 23.5				TOP of WATER 23.5				TOP of WATER 23.5			
WATER Edge	0+24.0		23.5	TOE	0+22.0		23.5	WATER Edge	0+26.0		23.5
TOE	0+27.0	0.90	22.6	WATER Edge	0+23.0		23.5	TOE	0+27.0		
	+30	1.2	22.3		+30	1.3	22.2		+30	1.1	22.4
	+40	1.3	22.2		+40	2.0	21.5		+40	1.4	22.1
	+50	1.8	21.7		+50	2.9	20.6		+50	2.2	21.3
	+60	3.0	20.5		+60	3.6	19.9		+60	3.4	20.1
	+70	7.7	15.8		+70	7.0	16.5		+70	6.7	16.3
	+80	11.6	11.9		+80	12.3	11.2		+80	14.2	9.3
	+90	14.0	9.5		+90	15.2	8.3		+90	16.6	6.7
	+100	15.7	7.3		+100	16.2	7.3		+100	17.0	6.5
	+110	19.3	4.2		+110	16.6	6.9		+110	17.7	5.3
	+120	17.9	5.6		+120	17.0	6.5		+120	16.4	7.1
	+130	18.2	5.3		+130	17.0	6.5		+130	16.6	6.9
	+140	17.9	5.6		+140	16.2	7.3		+140	17.5	6.2
	+150	17.6	5.9		+150	17.0	6.5		+150	16.6	6.9
	+160	10.3	13.2		+160	14.3	9.2		+160	14.5	9.0
	+170	6.0	17.5		+170	8.6	14.9		+170	6.9	16.6
	+180	2.8	20.7		+180	2.9	20.6		+180	2.4	21.1
	+190	1.2	22.3		+190	1.4	22.1		+190	1.2	22.3
WATER Edge	+198.0		23.5	WATER Edge	+198.0		23.5	W/E	+196		23.5

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JOB 17th ST. CANAL X SECT.
 SHEET NO. 4 OF 62
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 40' 3/24/87

STA 560 +00				STA 561 +00				STA 562 +00			
TOP of WATER 23.50				TOP of WATER 23.5				TOP of WATER 23.50			
WATER Edge	+24.0		23.5	W/E	+25.0		23.5	W/E	+27.0		23.5
TOE	+25.0	0.30	23.2	TOE	+27.0	0.3	23.2	TOE	+28.0	0.3	23.2
	+30	1.4	22.1		30	1.0	22.5		30	1.2	22.3
	+40	1.4	22.1		40	1.0	22.5		40	1.4	22.1
	+50	1.5	22.0		50	2.6	20.9		50	1.6	21.9
	+60	2.9	20.6		60	5.0	18.5		60	3.2	20.3
	+70	6.0	17.5		70	9.0	14.5		70	7.4	16.1
	+80	13.8	9.7		80	14.0	9.5		80	13.7	9.8
	+90	16.3	7.2		90	15.0	8.5		90	16.2	7.3
	+100	16.4	7.2		100	16.3	7.2		100	15.3	8.2
	+110	16.4	7.1		110	16.8	6.7		110	15.0	8.5
	+120	15.8	7.7		120	16.0	7.5		120	16.0	7.5
	+130	16.1	7.4		130	16.5	7.0		130	17.5	6.0
	+140	18.0	5.5		140	17.2	6.3		140	18.0	5.5
	+150	16.0	7.5		150	16.5	7.0		150	16.0	7.5
	+160	14.2	9.3		160	14.5	9.2		160	13.0	10.5
	+170	5.6	17.9		170	8.9	14.6		170	8.4	15.1
	+180	3.2	20.3		180	2.9	20.6		180	3.3	20.2
	+190	1.9	21.6		190	0.8	22.7		190	1.7	21.8
W/E	+197		23.5	W/E	+196.0		23.5	W/E	+197.0		23.5

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JOB 17th ST. CANAL X SECT.
 SHEET NO. 5 OF 63
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 30' 3/24/87

STA 563+00			STA 564+00			STA 565+00		
TOP of WATER 23.5			TOP of WATER 23.40			TOP of WATER 23.40		
W/E	0+23.0	23.5	W/E	28'	23.4	W/E	27'	23.4
TOE	+26.0	0.50 23.0	TOE	29'	0.7 22.7	TOE	31'	1.0 22.4
	+30	1.0 22.5		30	0.8 22.6		40	1.3 22.1
	40	1.3 22.2		40	1.1 22.3		50	2.6 20.8
	50	1.7 21.8		50	1.1 22.3		60	6.7 16.7
	60	3.0 20.5		60	4.2 19.2		70	12.7 10.7
	70	9.4 14.1		70	9.8 13.6		80	13.0 10.4
	80	13.9 9.6		80	12.0 11.4		90	14.5 8.9
	90	13.8 9.7		90	14.5 8.9		100	15.5 7.9
	100	14.5 9.0		100	16.9 6.5		110	15.0 8.4
	110	15.5 8.0		110	16.0 7.4		120	15.5 7.9
	120	17.0 6.5		120	15.3 8.1		130	15.4 8.0
	130	18.0 5.5		130	15.4 8.0		140	14.9 8.5
	140	17.5 6.0		140	15.1 8.3		150	14.6 8.8
	150	14.6 8.9		150	14.1 9.3		160	11.8 11.6
	160	12.0 11.5		160	13.3 10.1		170	5.5 17.9
	170	5.5 18.0		170	5.8 17.6		180	2.7 20.7
	180	2.7 20.8		180	2.4 21.0		190	1.3 22.1
	190	1.5 22.0		190	1.7 21.7	W/E	196.0	23.4
W/E	197	23.5	W/E	192.5'	23.4			

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JOB 17th ST. CANAL X-SECT
 SHEET NO. 6 OF 64
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE PO 3/24/87

STA 566+00				STA 567+00				STA 568+00			
TOP of WATER 23.4				TOP of WATER 23.40				TOP of WATER 23.4			
TOE	+99.0			W/E	30'		23.4	W/E +TOE	98'		23.4
W/E	30'		23.4	TOE	32'	0.4	23.0	30'	0.6		22.8
	40	0.8	22.6		40	1.3	22.1		40	2.2	21.2
	50	3.0	20.4		50	2.6	20.3		50	3.3	20.1
	60	9.0	14.4		60	6.0	17.4		60	6.7	16.7
	70	13.7	9.7		70	10.9	12.5		70	14.0	9.4
	80	14.6	8.8		80	15.0	8.4		80	16.3	7.1
	90	15.0	8.5		90	15.4	8.0		90	15.0	8.4
	100	14.9	8.5		100	15.2	8.2		100	14.5	8.9
	110	13.6	9.8		110	15.2	8.2		110	15.5	7.9
	120	15.0	8.4		120	15.3	8.1		120	15.0	8.4
	130	13.9	9.5		130	16.0	7.4		130	15.2	8.2
	140	13.6	9.8		140	16.0	7.4		140	15.4	8.0
	150	15.0	8.4		150	13.5	9.9		150	13.7	9.7
	160	10.5	12.9		160	6.2	17.2		160	8.5	14.9
	170	4.0	19.4		170	3.2	20.2		170	3.1	20.3
	180	2.5	20.9		180	2.0	21.4		180	2.0	21.4
	190	0.7	22.7		190	0.7	22.7		190	0.8	22.6
W/E	198.0		23.4	W/E	193.0		23.4	W/E	197.0		23.4

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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 7 OF 65
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 10' 3/24/87 + 3/25/87

STA 569+00 3/14			STA 570+00 3/15			STA 571+00 3/15		
TOP of WATER 23.2			TOP of WATER 23.2			TOP of WATER 23.2		
W/E	28'	23.2	W/E	28.0	23.2	TOE	29.0	
TOE	29'	0.3 22.9	TOE	28.0		W/E	30.0	23.2
	30'	0.8 22.4		30.0	0.4 22.8		40	1.4 21.8
	40	2.0 21.2		40	1.2 22.0		50	2.0 21.2
	50	2.9 20.3		50	2.5 20.7		60	7.0 16.2
	60	5.5 17.7		60	8.0 15.2		70	10.4 12.8
	70	13.0 10.2		70	12.4 10.8		80	13.5 9.7
	80	14.4 8.8		80	13.9 9.3		90	13.6 9.6
	90	15.6 7.6		90	14.6 8.6		100	14.7 8.5
	100	14.5 8.7		100	14.0 9.2		110	13.9 9.3
	110	13.4 9.8		110	14.0 9.2		120	14.0 9.2
	120	13.6 9.6		120	15.3 7.9		130	15.0 8.2
	130	15.0 8.2		130	15.0 8.2		140	15.6 7.6
	140	15.9 7.3		140	13.0 10.2		150	14.6 8.6
	150	15.0 8.2		150	14.7 8.5		160	10.9 12.3
	160	6.6 16.6		160	12.0 11.2		170	4.5 18.7
	170	3.0 20.2		170	2.6 20.6		180	1.5 21.7
	180	1.6 21.6		180	1.6 21.6		190	0.6 22.6
	190	0.3 22.9		190	0.9 22.3	W/E	192.0	23.2
W/E	193.0	23.2	W/E	193.0	23.2			

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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 8 OF 6 1/2
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 40' 3/25/87

STA 572+00			STA 573+00			STA 574+00		
WATER 23.1			WATER 23.1			WATER 23.00		
W/E	30'	23 1/2	W/E	29'	23 1/2	W/E	31.0	23 0
TOE	30'		TOE	29'		TOE	31.0	
	40'	0.4 22 2/3	30	0.3	22 8/9	40	1.6	21 4/9
	50'	1.8 21 3/4	40	0.3	22 8/9	50	3.0	20 2/3
	60	6.7 16 4/9	50	2.1	21 2/3	60	4.8	18 2/3
	70	8.5 14 6/9	60	4.1	19 2/3	70	10.8	12 2/3
	80	12.7 10 4/9	70	10.2	12 9/10	80	13.0	10 2/3
	90	13.2 9 9/9	80	11.7	11 4/9	90	14.5	8 5/9
	100	15.0 8 1/9	90	13.0	10 1/9	100	13.9	9 1/9
	110	14.4 8 2/9	100	14.0	9 1/9	110	14.0	9 0/9
	120	14.8 8 3/9	110	15.0	8 1/9	120	14.4	8 6/9
	130	14.3 8 8/9	120	14.0	9 1/9	130	14.7	8 3/9
	140	15.3 7 8/9	130	14.5	8 6/9	140	14.8	8 2/9
	150	15.6 7 5/9	140	14.0	9 1/9	150	14.8	8 2/9
	160	14.5 8 6/9	150	14.0	9 1/9	160	10.0	13 0/9
	163.0	8.8 14 3/9	160	12.0	11 1/9	170	4.1	18 9/9
	170	2.7 20 4/9	170	6.0	17 1/9	180	1.4	21 6/9
	180	1.2 21 9/9	180	1.3	21 8/9	190	0.5	22 5/9
	190	0.7 22 4/9	190	0.5	22 6/9	190	0.5	22 5/9
W/E	194.0	23 1/2	W/E	193.0	23 1/2	W/E	194.0	23 0

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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 9 OF 67
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE PO 3/25/87

STA 575+00			STA 576+00			STA 577+00		
WATER 23.00			WATER 23.00			WATER 23.00		
W/E	30'	23.0	W/E	30'	23.0	W/E	31'	23.0
TOE	30'		TOE	30'		TOE	31'	
	40'	1.1 21.9		40'	2.1 20.9		40	2.0 21.0
	50	2.4 20.6		50	2.7 20.3		50	2.8 20.2
	60	3.7 19.3		60	3.8 19.2		60	5.2 17.8
	70	8.8 14.2		70	9.7 13.3		70	10.6 12.4
	80	13.6 9.4		80	13.0 10.0		80	13.0 10.0
	90	13.3 9.7		90	15.7 7.3		90	13.6 9.4
	100	14.0 9.0		100	14.6 8.4		100	14.0 9.0
	110	14.0 9.0		110	14.0 9.0		110	13.6 9.4
	120	14.8 8.2		120	14.2 8.8		120	13.6 9.4
	130	14.8 8.2		130	14.4 8.6		130	14.4 8.6
	140	14.5 8.5		140	14.2 8.8		140	14.0 9.0
	150	13.0 10.0		150	13.6 9.4		150	13.6 9.4
	160	9.8 13.2		160	10.6 12.4		160	10.0 13.0
	170	3.8 19.2		170	4.5 18.5		170	4.2 18.8
	180	2.1 20.9		180	2.3 20.7		180	2.0 21.0
	190	1.5 21.5		190	0.8 22.2		190	0.5 22.5
W/E	199.0	23.0	W/E	199.0	23.0	W/E	198.0	23.0

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JOB 17th ST CANAL X-SECT.
 SHEET NO. 10 63 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 30' 3/25/87

STA 578+00			STA 579+00			STA 580+00			
WATER 23.0			WATER 23.0			WATER 23.0			
TOE	37'	23.0	W/E	32'	23.0	W/E	35'	23.0	
W/E	37'		TOE	34'	0.7	TOE	35'		
	40	0.2	22.3	40	1.3	21.7	40	0.5	
	50	1.9	21.4	50	2.0	21.0	50	0.3	
	60	4.5	18.5	60	3.0	20.2	60	2.9	
	70	10.6	12.4	70	6.8	16.2	70	4.7	
	80	12.5	10.5	80	11.3	11.2	80	9.8	
	90	12.6	10.6	90	12.7	10.3	90	12.0	
	100	13.0	10.0	100	12.9	10.4	100	12.7	
	110	14.0	9.0	110	12.4	10.6	110	13.6	
	120	14.0	9.0	120	13.2	9.8	120	13.4	
	130	14.5	8.5	130	14.0	9.0	130	13.7	
	140	15.4	7.6	140	14.4	8.6	140	14.2	
	150	12.8	10.2	150	13.6	9.4	150	13.1	
	160	9.5	13.5	160	12.6	10.4	160	11.9	
	170	4.0	19.2	170	8.2	14.8	170	9.4	
	180	2.5	20.5	180	3.2	19.5	180	3.5	
	190	1.7	21.3	190	2.0	21.0	190	2.0	
W/E	200		23.0	W/E	200		23.0	W/E	195.0

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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 11 OF 69
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE PO 3/25/87

STA 581+00			STA 582+00			STA 583+00		
WATER 22.8			WATER 22.8			WATER 22.8		
W/E	35'	<u>22.8</u>	W/E	30'	<u>22.8</u>	W/E	30'	<u>22.8</u>
TOE	35'		TOE	30'		TOE	32' 0.5	
	40'	1.0 <u>21.8</u>		40'	0.9 <u>21.9</u>		40'	0.2 <u>22.6</u>
	50'	1.4 <u>21.4</u>		50'	0.7 <u>22.1</u>		50'	1.7 <u>21.1</u>
	60'	2.0 <u>20.8</u>		60'	0.3 <u>22.5</u>		60'	2.8 <u>20.0</u>
T/C	69'	3.3 <u>19.5</u>	T/C	70'	4.0 <u>18.8</u>	T/C	64'	4.6 <u>18.2</u>
TOE	72'	7.0 <u>15.8</u>	TOE	72'	9.2 <u>13.6</u>	TOE	69'	9.2 <u>13.6</u>
	80'	12.1 <u>10.7</u>		80'	13.7 <u>9.1</u>		80'	13.0 <u>9.8</u>
	90'	13.1 <u>9.7</u>		90'	14.2 <u>8.6</u>		90'	14.0 <u>8.8</u>
	100'	12.7 <u>10.1</u>		100'	14.5 <u>8.3</u>		100'	13.7 <u>9.1</u>
	110'	13.7 <u>9.1</u>		110'	14.0 <u>8.8</u>		110'	14.0 <u>8.8</u>
	120'	13.8 <u>9.0</u>		120'	14.0 <u>8.8</u>		120'	13.7 <u>9.1</u>
	130'	14.3 <u>8.5</u>		130'	14.1 <u>8.7</u>		130'	13.9 <u>8.9</u>
	140'	14.0 <u>8.8</u>		140'	13.8 <u>9.0</u>		140'	13.2 <u>9.6</u>
	150'	13.7 <u>9.1</u>		150'	13.5 <u>9.3</u>		150'	13.4 <u>9.4</u>
	160'	12.0 <u>10.8</u>		160'	12.1 <u>10.7</u>		160'	11.3 <u>11.5</u>
TOE	170'	8.3 <u>14.5</u>	TOE	170'	9.0 <u>13.8</u>	TOE	168'	7.8 <u>15.0</u>
T/C	178'	3.3 <u>19.5</u>	T/C	177'	4.2 <u>18.6</u>	T/C	170'	5.0 <u>17.8</u>
	180'	2.3 <u>20.5</u>		180'	2.7 <u>20.1</u>		180'	2.6 <u>20.2</u>
W/E	185.0	<u>22.8</u>		190'	1.7 <u>21.1</u>		190'	1.8 <u>21.0</u>
				200'	0.5 <u>22.3</u>		200'	0.8 <u>22.0</u>
			W/E	209'	<u>22.8</u>	W/E	206'	<u>22.8</u>

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 12 70 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 20 3/25/87

STA 584+00			STA 585+00			STA 586+00		
WATER 23.9			WATER 23.9			WATER 23.8		
W/E	33.0	23.9	W/E	30'	23.9	W/E	30'	23.8
TOE	33.0		TOE	31' 0.6	23.3	TOE	30'	
	40' 1.0	22.9		40 1.5	22.4		40' 0.4	23.4
	50 2.2	21.7		50 2.5	21.4		50 1.9	21.9
	60 4.6	19.3		60 5.2	18.7		60 4.7	19.1
	70 8.3	15.8		70 9.2	14.7	T/C	68 9.4	14.4
	80 10.6	13.3		80 12.2	11.7	TOE	70 11.8	12.0
	90 13.2	10.2		90 13.4	10.5		80 11.9	11.9
	100 14.2	9.7		100 14.7	9.2		90 11.2	12.6
	110 14.0	9.9		110 14.2	9.7		100 13.4	10.4
	120 14.2	9.7		120 13.8	10.4		110 14.0	9.8
	130 14.5	9.4		130 13.3	10.6		120 13.4	10.4
	140 14.7	9.2		140 14.3	9.6		130 13.5	10.3
	150 14.1	9.3		150 12.8	11.1		140 13.6	10.2
	160 10.9	13.0	TOE	160 10.8	13.1		150 13.5	10.3
TOE	163 7.3	16.6	T/C	167 5.3	18.6		160 11.2	12.6
	170 3.3	20.6		170 3.0	20.9	TOE	170 7.3	16.5
T/C	180 1.0	22.9		180 1.5	22.4	T/C	174 4.6	19.2
	190 0.5	23.4		184 0.0	23.9		180 2.7	21.4
	200 1.2	22.7		190 0.5	23.4		190 1.9	21.9
W/E	216	23.9		200 0.5	23.4		200 1.1	22.7
				210 0.5	23.4		210 0.5	23.3
			W/E	216'	23.9	W/E	218	23.8

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 13 71 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 10' 3/26/87

STA 587+00 3/25/87 WATER 23.7			STA 588+00 3/26/87 WATER 23.0			STA 589+00 WATER 23.0		
TOE	27'		TOE	28'		TOE	30'	M
W/E	27'	23.7	W/E	28'	23.0	W/E	30'	23.0
	30'	0.4 23.3		30'	0.5 22.5		40'	0.7 22.3
	40'	0.8 22.9		40'	0.6 22.4		50'	1.1 21.9
	50'	1.8 21.9		50'	0.6 22.4	T/C	60'	2.6 20.4
	60'	4.1 19.6	T/C	60'	2.5 20.5		70'	4.4 18.6
	70'	7.4 16.3		65'	5.2 17.3	TOE	77'	9.0 14.2
	80'	12.2 11.5	TOE	70'	8.0 15.0		80'	11.2 11.0
	90'	12.5 11.2		80'	10.1 12.9		90'	13.3 9.7
	100'	13.0 10.7		90'	12.3 10.7		100'	13.3 9.7
	110'	13.7 10.2		100'	13.6 9.4		110'	13.2 9.8
	120'	13.0 10.7		110'	13.5 9.5		120'	13.3 9.7
	130'	13.0 10.7		120'	13.5 9.5		130'	13.3 9.7
	140'	13.5 10.2		130'	13.7 9.3		140'	12.6 10.4
	150'	14.0 9.7		140'	13.3 9.7		150'	12.6 10.4
	160'	11.1 12.4		150'	13.5 9.5		160'	14.0 9.0
	170'	7.0 16.2		160'	13.3 9.7		170'	9.4 13.6
Ridge	180'	1.4 22.3	TOE	170'	9.3 13.7		180'	5.6 17.4
	183'	1.4 22.3	T/C	180'	3.7 19.3		190'	2.0 21.2
	190'	0.5 23.2		190'	1.6 21.4	Ridge	195'	0.3 22.7
	200'	0.5 23.2	Ridge	192'	0.00 23.0		200'	0.2 22.3
	210'	0.5 23.2		200'	0.5 22.5		210'	0.8 22.2
W/E	215'	23.7		210'	1.2 21.3		220'	0.7 22.3
			W/E	220'	0.5 22.5	W/E	225'	23.0
			TOE	221'	23.0			

WALKER & AVERY, INC.
 1315 FNBC Building
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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 14 OF 72
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE FD 3/26/87

STA 590+00			STA 591+00			STA 592+00		
WATER 22.9			WATER 22.9			WATER 22.9		
TOE	33'		TOE	36'		TOE	35'	
W/E	34'	22.9	W/E	36'	22.9	W/E	35'	22.9
	40'	0.5 22.4		40	0.2 22.7		40'	0.4 22.5
	50'	0.4 22.5		50	0.3 22.6		50	0.5 22.4
	60	1.5 21.4		59	0.3 22.6	T/C	60	0.4 22.5
	70	3.6 19.3		60	2.0 20.9		70	4.2 18.7
	80	10.7 12.4	T/C	70	4.2 18.7	TOE	80	9.5 13.4
	90	13.2 9.7	TOE	73	7.3 15.6		90	12.2 10.2
	100	13.4 9.7		80	11.4 11.5		100	13.4 9.5
	110	14.4 8.5		90	12.5 10.4		110	13.0 9.2
	120	14.0 8.9		100	12.8 10.4		120	13.3 9.6
	130	12.4 10.5		110	11.5 11.4		130	13.0 9.9
	140	12.5 10.4		120	12.8 10.4		140	12.5 10.4
	150	12.6 10.3		130	12.9 10.0		150	13.0 9.9
	160	11.9 11.0		140	12.9 10.0		160	13.8 9.4
	170	10.4 12.5		150	12.8 10.4		170	12.6 10.3
	180	5.7 17.2		160	12.9 10.0		180	7.0 15.9
	190	2.0 20.9		170	12.5 10.4		190	1.9 21.0
Ridge	200	0.4 22.5		180	6.0 16.9		196	ELBV 23.5
	210	0.8 22.4		190	1.6 21.3		200	ELBV 23.5
	220	1.2 21.7	Ridge	192	0.0 22.9		210	0.7 22.2
TOE	226			200	0.0 22.9		220	0.8 22.4
W/E	226	22.9		210	0.6 22.3	W/E	229'	22.9
				220	0.8 22.4	TOE	229'	
			TOE	226	22.9			
			W/E	226	22.9			

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 15 OF 73
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE PO 3/26/87

STA 593+00			STA 594+00			STA 595+00		
WATER 22.9			WATER 22.9			WATER 22.9		
TOE	33'		W/E	36'	229	TOE	35'	
W/E	33'	229	TOE	37'	0.3 226	W/E	35'	227
	40	0.4 225		40	0.4 225		40	0.2 227
	50	0.4 221		50	0.6 223		50	0.2 222
	60	2.6 203		60	0.3 226		59	0.2 227
T/c	70	2.3 204		62	0.3 226		60	1.5 214
	80	10.7 124		64	2.0 209		70	2.8 201
TOE	90	13.9 99		70	4.0 189		80	7.0 159
	100	13.6 93		80	8.4 145		90	12.5 104
	110	13.2 97		90	11.2 112		100	13.1 93
	120	13.6 93		100	12.8 101		110	13.0 99
	130	13.6 93		110	13.0 99		120	13.7 96
	140	13.6 93		120	12.8 101		130	13.0 99
	150	13.7 92		130	12.7 102		140	13.0 99
	160	14.2 87		140	13.0 99		150	13.1 93
TOE	170	13.2 97		150	12.9 100		160	13.2 97
	180	8.0 149		160	13.1 93		170	12.6 103
T/c	190	3.0 199		170	13.0 99		180	8.8 141
	200	2.0 209	TOE	180	10.3 126		182	6.5 164
	210	1.6 213		185	5.5 174		183	4.0 189
	220	1.0 219	T/c	190	3.7 192		190	2.7 202
W/E	230	229		200	2.3 206		200	2.0 209
TOE	230			210	1.7 212		210	0.8 221
			W/E	217	229		220	0.6 223
			TOE	217			226	229
						W/E	226	
						TOE	226	

WALKER & AVERY, INC.
 1315 FNBC Building
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 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 16 OF 74
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE P10 3/06/87

STA 596+00			STA 597+00			STA 598+00		
WATER 22.8			WATER 22.8			WATER 22.8		
TOE	37'		TOE	35'		TOE	37'	
W/E	37'	22 ³ / ₃	W/E	35'	22 ³ / ₃	W/E	37'	22 ³ / ₃
	40	0.2 22 ⁶ / ₃		40	0.4 22 ⁴ / ₃		40	0.3 22 ⁵ / ₃
	50	0.2 22 ⁶ / ₃		50	0.4 22 ⁴ / ₃		50	0.2 22 ⁶ / ₃
	60	0.5 22 ³ / ₃		58	0.6 22 ² / ₃	T/C	60	0.0 22 ⁸ / ₃
	70	2.5 20 ³ / ₃		59	1.0 21 ⁸ / ₃		70	2.7 20 ¹ / ₃
	80	8.2 14 ⁶ / ₃		60	1.7 21 ¹ / ₃		80	6.0 16 ⁵ / ₃
	90	11.7 11 ¹ / ₃		70	2.5 20 ³ / ₃	TOE	90	10.9 11 ⁹ / ₃
	100	13.0 9 ⁸ / ₃		80	6.0 16 ¹⁰ / ₃		100	14.2 8 ⁶ / ₃
	110	13.2 9 ⁶ / ₃		90	11.0 11 ⁸ / ₃		110	13.3 9 ² / ₃
	120	13.0 9 ³ / ₃		100	12.5 10 ² / ₃		120	13.1 9 ⁷ / ₃
	130	12.5 10 ³ / ₃		110	12.8 10 ⁰ / ₃		130	13.0 9 ⁸ / ₃
	140	12.6 10 ² / ₃		120	13.6 9 ² / ₃		140	13.0 9 ⁸ / ₃
	150	13.0 9 ⁸ / ₃		130	13.0 9 ⁸ / ₃		150	12.8 10 ² / ₃
	160	13.6 9 ² / ₃		140	13.0 9 ⁵ / ₃		160	12.5 10 ³ / ₃
	170	13.5 9 ³ / ₃		150	13.2 9 ⁶ / ₃		170	12.5 10 ³ / ₃
TOE	180	9.8 13 ⁰ / ₃		160	14.0 8 ⁸ / ₃		180	9.0 13 ³ / ₃
	184	6.0 16 ⁸ / ₃	TOE	170	13.0 9 ¹ / ₃		183	6.0 16 ⁹ / ₃
T/C	188	3.4 19 ⁴ / ₃	T/C	180	6.7 16 ¹ / ₃		190	2.8 20 ² / ₃
	190	2.8 20 ⁰ / ₃		185	3.4 19 ⁴ / ₃		200	1.8 21 ⁰ / ₃
	200	0.9 21 ⁹ / ₃		190	2.9 19 ² / ₃		210	1.4 21 ⁴ / ₃
	210	0.8 22 ⁰ / ₃		200	0.6 22 ² / ₃		220	0.4 22 ⁴ / ₃
	220	0.6 22 ² / ₃		210	0.1 22 ² / ₃	W/E	222	22 ⁸ / ₃
W/E	222	0.5 22 ³ / ₃		220	0.6 22 ² / ₃	TOE	222	
TOE	228	BLW = 23.1	W/E	223	22 ⁸ / ₃			
			TOE	223				

WALKER & AVERY, INC.
 1315 FNBC Building
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JOB 17th ST. CANAL X-SECTION
 SHEET NO. 17 OF 75
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 30' 3/26 + 3/27/87

STA 599+00 3/26/87			STA 600+00 3/27/87			STA 601+00 3/27/87		
WATER 22.8			WATER 23.2			WATER 23.2		
TOE	38'		W/E	36'	23.2	TOE	37'	
W/E	38'	22.5	TOE	38' 0.4	22.3	W/E	37'	23.2
	40	0.2 22.6		40	0.6 22.6		40	0.5 22.7
	50	0.2 22.6		50	0.3 22.9		50	0.7 22.5
Tie	60	0.2 22.6	Tie	56	0.4 22.8		54	1.0 22.2
	70	4.0 19.8	TOE	60	2.4 20.2		57	2.3 20.9
	80	8.7 14.1		70	6.0 17.2		60	2.5 20.7
TOE	90	11.8 11.0		80	5.6 17.6		70	5.0 19.2
	100	13.7 9.4		90	12.6 10.6		80	10.7 12.1
	110	13.6 9.2		100	13.0 10.2		90	13.4 9.3
	120	13.3 9.5		110	13.0 10.2		100	12.8 10.4
	130	13.5 9.3		120	13.3 9.9		110	12.6 10.6
	140	13.0 9.8		130	13.2 10.0		120	13.3 9.9
	150	13.4 9.4		140	13.3 9.9		130	13.1 10.1
	160	14.2 8.6		150	13.8 9.4		140	13.6 9.6
	170	13.0 9.8		160	14.5 8.7		150	13.7 9.5
	180	6.6 16.2	TOE	170	12.1 11.4		160	12.7 10.5
	190	1.6 21.2		180	3.6 19.6		170	9.8 13.4
	191	ELEV 23.9		190	2.4 20.8		180	5.7 17.5
	195	ELEV 23.9	Tie	200	1.3 21.9		190	2.3 20.9
	200	0.1 22.7		210	0.9 22.3		192	1.8 21.4
	210	0.4 22.4		220	1.1 22.1		195	0.2 23.0
	220	0.4 22.4	TOE	223	0.5 22.7		200	0.4 22.8
W/E	222	22.8	W/E	223.5	23.2		210	1.0 22.2
TOE	222						220	1.0 22.2
						TOE	223	0.5 22.7
						W/E	223.5	23.2

WALKER & AVERY, INC.
 1315 FNBC Building
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JOB 17 TH ST. CANAL X-SECT.
 SHEET NO. 18 OF 76
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE A0 3/27/87

STA 602+00				STA 603+00				STA 604+00			
WATER 23.2				WATER 23.2				WATER 23.2			
TOE	39'		23.2	W/E	40'		23.2	TOE	41'		23.2
W/E	39'	23.2	23.2	TOE	41'	0.2	23.0	W/E	42'		23.2
	40	0.3	22.9		50'	0.2	23.0		50'	0.1	23.1
	50	0.5	22.7		57'	0.3	22.9		60	2.7	20.5
	60	2.3	20.9		58'	2.0	21.2		70	5.7	17.5
	70	5.2	18.0		60	2.4	20.8		80	10.6	12.6
	80	10.9	12.3		70	6.5	16.7		90	11.7	11.5
	90	11.5	11.7		80	10.2	13.0		100	12.6	10.6
	100	13.6	9.6		90	13.0	10.2		110	13.1	10.10
	110	13.0	10.2		100	12.7	10.5		120	12.8	10.4
	120	13.0	10.2		110	12.4	10.8		130	12.6	10.6
	130	13.0	10.2		120	12.5	10.7		140	12.7	10.5
	140	12.9	10.3		130	12.7	10.5		150	13.1	10.1
	150	13.5	9.7		140	12.7	10.5		160	13.6	9.6
	160	13.7	9.5		150	12.8	10.4		170	12.8	10.4
	170	12.2	11.0		160	12.3	10.9		180	4.4	18.8
	180	5.8	17.4		170	12.0	11.2		190	2.0	21.2
	187	1.8	21.7		180	7.0	16.2		193	2.0	21.2
	190	0.3	22.9		189	3.0	20.2		194	0.3	22.9
	200	0.5	22.7		190	2.7	20.5		195	0.3	22.9
	210	1.0	22.2		200	1.6	21.6		200	0.5	22.7
	220	0.4	22.8		210	0.8	22.9		210	0.9	22.3
W/E	222	ELEV	23.2		220	0.5	22.7	TOE	219	0.3	22.9
TOE	222	ELEV	23.2	TOE	222	0.4	22.8	W/E	220		23.2
				W/E	223		23.2				

WALKER & AVERY, INC.
 1315 FNBC Building
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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 19 OF 77
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE PO 3/27/87

STA 605+00			STA 606+00			STA 607+00		
WATER 23.0			WATER 23.0			WATER 23.0		
TOE	42'	23.0	W/E	40'	23.0	TOE	40'	23.0
W/E	43'	23.0	TOE	41'	0.2 22.8	W/E	42'	23.0
	50	0.6 22.4		50	0.4 22.6		50	0.2 22.8
	60	2.7 20.3		60	2.9 20.1		60	3.3 19.7
	70	4.9 18.1		70	6.0 17.0		70	6.4 16.6
	76	9.0 14.0		80	11.8 11.2		80	11.5 11.5
	80	11.2 11.8		90	13.6 9.4		90	13.1 9.9
	90	13.0 16.0		100	13.0 10.0		100	13.1 9.9
	100	13.0 18.0		110	13.0 13.0		110	12.6 10.4
	110	12.8 10.2		120	12.6 10.4		120	12.4 10.6
	120	12.5 10.5		130	13.0 10.0		130	12.8 10.2
	130	13.1 9.9		140	13.2 9.8		140	12.8 10.2
	140	13.1 9.9		150	13.3 9.7		150	13.8 9.2
	150	13.6 9.4		160	13.8 9.2		160	13.9 9.1
	160	13.2 9.8		170	11.0 12.0		170	10.4 12.6
	170	12.3 10.7		180	4.2 18.8		177	4.4 18.6
	175	7.5 15.5		185	2.8 20.2		180	3.2 19.8
	180	3.8 19.2		190	0.2 22.8		190	2.6 20.4
	185	1.6 21.4		200	0.9 22.1		200	1.9 21.1
	190	0.0 23.0		210	0.9 22.1		210	0.9 22.1
	200	0.6 22.4	TOE	217	0.5 22.5	TOE	217	0.5 22.5
	210	1.0 22.0	W/E	218	23.0	W/E	218	23.0
	220	0.4 22.6						
TOE	221	0.4 22.6						
W/E	221.5	23.0						

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 20 73 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 30' 3/27/87

STA 608+00			STA 609+00			STA 610+00		
WATER 22.9			WATER 22.9			WATER 22.9		
TOE	40'	22.9	TOE	41'	22.9	W/E	40'	22.9
W/E	52'	22.9	W/E	43'	22.9	TOE	41'	0.3 22.9
	60	3.0 19.9		50	0.3 22.6		50	0.6 22.3
	70	5.8 17.1		53	2.0 20.9		53	1.4 21.5
	80	11.0 11.9		60	2.8 20.1		60	2.9 20.0
	90	13.3 9.6		70	5.9 17.0		70	7.2 15.7
	100	12.7 10.2		80	10.3 12.6		80	11.8 11.1
	110	12.6 10.3		90	11.8 11.1		90	13.0 9.9
	120	12.2 10.7		100	12.4 10.5		100	12.5 10.4
	130	11.9 11.0		110	12.3 10.6		110	12.2 10.7
	140	12.5 10.4		120	12.4 10.5		120	12.2 10.7
	150	13.4 9.5		130	12.5 10.4		130	12.3 10.6
	160	13.9 9.0		140	12.8 10.1		140	12.2 10.7
	170	9.2 13.7		150	13.6 9.3		150	12.8 10.1
	180	4.0 18.9		160	13.0 9.9		160	13.8 9.1
	190	2.2 20.7		170	11.4 11.5		170	9.4 13.5
	195	1.8 21.1		175	6.0 16.9		180	1.9 21.0
	200	0.4 22.5		180	4.0 18.9		183	ELEV 23.8
	210	0.9 22.0		190	2.4 20.5		192	ELEV 23.8
TOE	216	22.9		200	1.7 21.2		200	0.5 22.4
W/E	216	22.9		210	1.0 21.9		210	0.8 22.1
			W/E	216	22.9	W/E	214	22.9
			TOE	216	22.9	TOE	214	22.9

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECTI
 SHEET NO. 21 79 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE P20 3/27/87

STA 611+00			STA 612+00			STA 613+00		
WATER 22.8			WATER 22.8			WATER 22.8		
TOE	40'	22.8	TOE	43'	22.8	TOE	41'	22.8
W/E	45'	22.8	W/E	43'	22.8	W/E	41'	22.8
	50	1.8 21.0		50'	0.1 22.7		48'	0.4 22.4
	60	3.0 19.8		57'	1.8 21.0		50'	1.5 21.3
	70	7.0 15.8		60	3.6 19.2		60	2.4 20.4
	80	11.1 11.7		70	8.3 14.5		70	7.5 15.3
	90	13.3 9.5		80	12.0 10.8		80	11.4 11.4
	100	12.3 10.5		80	12.0 10.8		90	14.4 8.4
	110	12.0 10.8		90	12.8 10.0		100	13.2 9.6
	120	12.0 10.8		100	13.3 9.5		110	12.2 10.6
	130	12.3 10.5		110	12.4 10.4		120	12.0 10.8
	140	13.0 9.8		120	11.9 10.9		130	12.0 10.8
	150	13.3 9.5		130	11.6 11.2		140	12.2 10.6
	160	13.4 9.4		140	12.0 10.8		150	12.9 9.9
	170	9.3 13.5		150	12.4 10.4		160	13.2 9.6
	180	2.5 20.3		160	12.0 10.8		170	10.3 12.5
	190	1.8 21.0		170	12.9 9.9		180	3.8 19.0
	200	0.6 22.2		174	6.0 16.8		185	2.4 20.4
TOE	210	0.2 22.6		180	2.7 20.1		188	ELEV 23.5
W/E	211	22.8		190	2.0 20.8		196	ELEV 23.5
				200	1.3 21.5		200	0.5 22.3
				210	0.3 22.5		210	0.6 22.2
			TOE	212	22.8	TOE	214	22.8
			W/E	212	22.8	W/E	214	22.8

WALKER & AVERY, INC.

1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17 ch ST. CANAL X-SECT.
 SHEET NO. 22 OF 30
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 30' 3/27/87

STA 614+00			STA 615+00			STA 616+00		
WATER 23.0			WATER 23.0			WATER 23.0		
W/E	40'	23.0	W/E	41'	23.0	TOE	41'	23.0
TOE	43'	22.6	TOE	43'	21.0	W/E	41'	23.0
	45'	22.5		49'	22.7		46'	22.8
	46'	21.3		50'	21.5		48'	22.0
	50'	20.9		60'	20.0		50'	20.7
	60'	18.0		70'	15.5		60'	18.0
	70'	15.6		80'	13.1		70'	15.0
	80'	13.1		90'	11.8		80'	11.7
	90'	10.9		100'	11.4		90'	10.5
	100'	10.9		110'	11.7		100'	11.2
	110'	11.3		120'	12.0		110'	11.1
	120'	11.3		130'	11.7		120'	11.7
	130'	11.0		140'	11.3		130'	11.5
	140'	10.8		150'	11.0		140'	11.1
	150'	10.4		160'	9.7		150'	10.1
	160'	9.6		170'	10.4		160'	9.9
	170'	12.0		179'	17.2		170'	11.5
	180'	18.0		180'	19.2		176'	17.2
	190'	20.7		190'	22.0		180'	19.7
	200'	22.1		200'	22.1		190'	21.0
	210'	22.6		210'	22.0		197'	22.9
W/E	214'	23.0	W/E	217'	23.0		200'	22.8
TOE	214'	23.0	TOE	217'	23.0		210'	22.7
						W/E	213'	
						TOE	213'	

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 23 91 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 20 3/27/87

STA 617+00			STA 618+00			STA 619+00		
WATER 22.9			WATER 22.9			WATER 22.9		
TOE	39'	22.9	W/E	38'	22.9	W/E	39'	22.9
W/E	39'	22.9	TOE	39' 0.3	22.6	TOE	39'	22.9
	40' 0.1	22.8		40' 0.2	22.7		40 0.2	22.7
	48' 0.5	22.4		50' 0.5	22.4		50 0.6	22.3
	50 1.2	21.7		53. 0.6	22.3		60 3.0	19.9
	60 0.7	20.2		55 2.1	20.8		70 7.2	15.7
	70 8.1	14.8		60 3.0	19.9		80 12.8	10.1
	80 12.0	10.9		70 7.1	15.8		90 12.6	10.3
	90 12.9	10.0		80 11.2	11.7		100 12.7	10.2
	100 12.7	10.2		90 13.0	9.9		110 13.0	9.9
	110 11.5	11.4		100 12.8	10.1		120 12.2	10.7
	120 11.7	11.2		110 11.7	11.2		130 12.4	10.5
	130 11.0	11.9		120 11.6	11.3		140 12.7	10.2
	140 11.1	11.8		130 11.8	11.1		150 13.0	9.9
	150 11.5	11.4		140 11.8	11.1		160 13.4	9.5
	160 12.8	10.1		150 12.5	10.4		170 10.0	12.9
	170 11.4	11.5		160 13.0	9.9		173 5.8	17.1
	180 5.0	17.9		170 12.0	10.9		180 2.9	20.0
	181 4.8	18.1		179 5.9	17.0		185 2.2	20.70
	190 2.1	20.8		180 4.8	18.1		190 1.8	21.1
	200 0.7	22.2		190 2.1	20.8		195 0.3	22.6
	210 0.8	22.1		195 0.7	22.2		200 0.9	22.0
W/E	216	22.9		200 0.7	22.2		210 0.5	22.4
TOE	216	22.9		210 0.7	22.2	W/E	213	22.9
			W/E	213	22.9	TOE	213	22.9
			TOE	213	22.9			

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 24 OF 52
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 20 3/27/87

STA 620+00			STA 621+00			STA 622+00		
WATER 22.8			WATER 22.8			WATER 22.8		
TOE	39'	22.8	TOE	39'	22.8	TOE	38'	22.8
W/E	39'	22.8	W/E	39'	22.8	W/E	38'	22.3
	40	0.3 22.5		40	0.2 22.6		40	0.2 22.6
	50	0.1 22.7		50	0.5 22.3		48	0.4 22.4
	56	0.4 22.4		52	0.5 22.3		50	1.9 20.9
	58	2.4 20.4		54	1.6 21.2		60	2.6 20.2
	60	2.8 20.0		60	5.7 17.1		70	7.3 15.5
	70	5.7 17.1		70	9.8 13.0		80	10.1 12.7
	80	11.3 11.5		80	12.4 10.4		90	11.8 11.0
	90	12.8 10.0		90	13.4 9.4		100	13.3 9.5
	100	12.9 9.9		100	13.1 9.7		110	13.5 9.3
	110	12.4 10.4		110	12.6 10.2		120	14.0 8.8
	120	12.4 10.4		120	13.0 9.8		130	13.6 9.2
	130	12.9 9.9		130	13.2 9.6		140	13.1 9.7
	140	12.5 10.3		140	12.8 10.0		150	12.1 10.7
	150	13.0 9.8		150	12.2 10.6		160	11.2 11.6
	160	12.5 10.3		160	12.2 10.6		170	8.3 14.5
	170	8.7 14.1		170	9.6 13.2		177	3.7 19.1
	177	2.8 20.0		175	4.8 18.0		180	2.5 20.3
	180	2.8 20.0		180	2.4 20.4		185	1.2 21.6
	186	1.8 21.0		184	0.0 22.8		190	0.3 22.5
	189	0.0 22.8		190	ELEV 23.3		200	0.8 22.0
	190	ELEV 23.3		192	ELEV 23.3		210	0.7 22.1
	193	0.0 22.8		200	0.7 22.1	W/E	213	22.8
	200	0.7 22.1		210	0.4 22.4	TOE	213	22.8
W/E	210	0.3 22.5	W/E	213	22.8			
TOE	211	22.8	TOE	213	22.8			
	211	22.8						

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17 TH ST. CANAL X-SECT.
 SHEET NO. 25 OF 83
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 31.27/87

STA 623+00			STA 624+00		
WATER 22.7			WATER 22.7		
TOE	37'	22.7	TOE	38'	22.7
W/E	37'	22.7	W/E	38'	22.7
	40' 0.4	22.3		40' 0.3	22.4
	50' 0.4	22.3		50' 0.2	22.5
	54' 1.9	20.8		53' 0.1	22.6
	59' 0.6	22.1		55' 1.9	20.8
	60' 3.7	19.0		60' 7.5	15.2
	70' 9.2	13.5		70' 10.6	12.1
	80' 11.6	11.1		80' 12.4	10.3
	90' 13.1	9.6		90' 14.0	8.7
	100' 13.8	8.9		100' 12.8	9.9
	110' 13.5	9.2		110' 12.6	10.1
	120' 13.4	9.3		120' 12.2	10.5
	130' 13.4	9.3		130' 12.7	10.0
	140' 13.7	9.0		140' 13.2	9.5
	150' 10.8	11.9		150' 13.7	9.0
	160' 12.5	10.2		160' 13.8	8.9
	170' 9.3	13.4		170' 8.7	14.0
	177' 3.7	19.0		175' 3.6	19.1
	180' 2.5	20.2		180' 2.3	20.4
	186' 0.2	22.3		182' 0.0	22.7
	190' 0.2	22.5		188.5' ELEV 24.7	
	200' 0.7	22.0		195' 0.0	22.7
	210' 0.7	22.0		200' 0.4	22.3
W/E	212	22.7	W/E	210	22.7
TOE	212	22.0	TOE	210	22.7

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
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JOB 17th St. CANAL X-SECT.
 SHEET NO. 26 OF 04
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 1" = 40' 4/1/87

STA 625+00				STA 627+00				STA 628+00			
WATER = 20.6 6.2 * 26.8 = HI				WATER = 20.6 6.7 * 27.3 = HI				WATER = 20.6 6.7 * 27.3 = HI			
LEVEE TOE	33'	* 9.0	24.8	LEVEE TOE	29'	* 4.0	23.3	LEVEE TOE	29'	* 4.0	23.3
T/C	51'	* 3.5	23.3	T/C	44'	* 4.7	22.6	T/C	47.5'	* 4.1	23.2
TOE	53'	* 5.7	21.1	TOE	45'	* 5.9	21.4	TOE	49'	* 6.0	21.3
W/E	55'	* 6.2	20.6	W/E	50'	* 6.7	20.6	W/E	52'	* 6.7	20.6
	60	2.3	18.3		60	5.0	15.6		55	1.5	19.1
	70	7.6	13.0		70	8.9	11.7		60	6.8	13.8
	80	8.7	11.9		80	8.4	12.2		70	9.2	11.4
	90	8.8	11.8		90	8.7	11.9		80	8.8	11.8
	100	9.0	11.6		100	8.2	12.4		90	9.1	11.5
	110	9.6	11.0		110	9.2	11.4		100	8.3	12.3
	120	9.6	11.0		120	8.4	12.2		110	9.0	11.6
	130	9.2	11.4		130	8.6	12.0		120	8.4	12.2
	140	9.4	11.2		140	8.3	12.3		130	8.9	11.7
	150	9.1	11.5		150	9.2	11.4		140	8.9	11.7
	160	8.7	11.9		160	7.8	12.8		150	9.1	11.5
	170	6.5	14.1		170	1.0	19.6		160	4.9	15.7
	180	0.6	20.0	W/E	175	* 6.7	20.6		170	0.8	19.8
W/E	182	* 6.2	20.6	TOE	181.5	* 6.0	21.3	W/E	171	* 6.7	20.6
T/C	183.5	* 4.2	22.6	T/C	183	* 4.8	22.5	T/C	176	* 4.0	23.3
	190	* 4.1	22.7		190	* 4.4	22.9		180	* 4.0	23.3
	200	* 4.2	22.6		200	* 4.5	22.8		190	* 4.8	22.5
LEVEE TOE	210	* 4.3	22.5	LEVEE TOE	204.5	* 4.8	22.5	LEVEE TOE	200	* 5.1	22.2
	213	* 3.9	22.9						205	* 4.5	22.8
* HI = 26.8				* HI = 27.3				* HI = 27.3			

WALKER & AVERY, INC.

1315 FNBC Building
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JOB 17th ST. CANAL X-SECT.
 SHEET NO. 27 OF 25
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE FO 4/1/87

STA 629+00				STA 630+00				STA 631+00			
WATER = 20.6 6.5 * 27.1 = HI				WATER = 20.6 * 27.1 = HI				WATER = 20.6 6.4 * 27.0 = HI			
LEVEE TOE	28'	* 4.3	22.8	LEVEE TOE	25'	* 3.4	23.7	LEVEE TOE	26'	* 2.2	24.8
T/C	45'	* 4.5	22.6	T/C	36'	* 4.2	22.9	T/C	39.2	* 3.3	23.7
TOE	47'	* 5.9	21.2	TOE	37.5	* 5.5	21.6	TOE	40.1	* 5.7	21.3
W/E	49.5	* 6.5	20.6	W/E	43.0	* 6.5	20.6	W/E	44.0	* 6.4	20.6
	50	0.2	20.4		50	5.0	16.6		50	6.4	14.2
	60	6.7	13.9		60	9.5	11.1		60	10.0	10.6
	70	9.9	10.7		70	9.3	11.3		70	9.3	11.3
	80	9.2	11.4		80	9.0	11.6		80	8.9	11.7
	90	8.9	11.7		90	8.0	12.6		90	8.8	11.8
	100	8.8	11.8		100	9.4	11.2		100	8.6	12.0
	110	8.9	11.7		110	9.4	11.2		110	8.2	12.4
	120	7.8	12.8		120	9.0	11.6		120	7.9	12.7
	130	8.6	12.0		130	8.1	12.5		130	7.8	12.8
	140	8.4	12.2		140	8.2	12.4		140	8.1	12.5
	150	8.8	11.8		150	8.3	12.3		150	7.5	13.1
	160	3.8	16.8		160	9.3	18.3		160	1.5	19.1
W/E	171	* 6.5	20.6	W/E	166.5	* 6.5	20.6	W/E	166	* 6.4	20.6
TOE	178	* 5.2	21.9	TOE	173.0	* 5.8	21.3	TOE	172.5	* 5.6	21.4
T/C	181	* 4.8	22.3	T/C	175	* 4.6	22.5	T/C	176	* 4.3	22.7
	190	* 4.7	22.4		180	* 4.6	22.5		180	* 4.3	22.7
					190	* 4.9	22.2		190	* 4.6	22.4
LEVEE TOE	200	* 4.2	22.9	LEVEE TOE	197	* 4.2	22.9	LEVEE TOE	195	* 4.2	22.8
* HI = 27.1				* HI = 27.1				* HI = 27.0			

WALKER & AVERY, INC.

1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17 CR. ST. CANAL X-SECT.
 SHEET NO. 28 OF 56
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 20 4/1/87

STA 632+00				STA 633+00				STA 634+00			
WATER = 20.6 6.4 * 27.0 = HI				WATER = 20.6 * 27.0 = HI				WATER = 20.7 7.8 * 28.5 = HI			
LEVEE TOE	26'	* 1.0	26.0	LEVEE TOE	23'	* 1.5	25.5	LEVEE TOE	27'	* 3.1	25.4
TIC	36'	* 3.0	24.0	TIC	35'	* 3.3	23.7	TIC	31'	* 4.2	24.3
TOE	37.5	* 5.9	21.1	TOE	35.3	* 5.8	21.2	TOE	34'	* 7.3	21.2
W/E	40.5	* 6.4	21.6	W/E	39.5	* 6.4	20.6	W/E	41'	* 7.8	20.7
	50	7.2	13.4		40	0.5	20.1		50	5.9	14.8
	60	10.1	10.5		50	6.5	14.1		60	7.8	12.9
	70	9.2	11.4		60	9.1	11.5		70	8.0	12.7
	80	9.3	11.3		70	8.8	11.8		80	8.1	12.6
	90	9.2	11.4		80	8.7	11.9		90	8.6	12.1
	100	8.4	12.4		90	8.5	12.1		100	8.4	12.3
	110	8.7	11.9		100	8.3	12.3		110	9.0	11.7
	120	8.5	12.1		110	8.1	12.5		120	9.4	11.3
	130	8.5	12.1		120	8.8	11.8		130	9.8	10.9
	140	8.4	12.2		130	9.2	11.4		140	10.8	9.9
	150	6.7	13.9		140	10.5	10.1		150	8.9	11.8
	160	0.7	19.9		150	6.8	13.8		160	1.7	19.0
W/E	162	* 6.4	21.6		160	0.7	19.9	W/E	166	* 7.8	20.7
TIC	172	* 4.7	22.3	W/E	160.5	* 6.4	20.6	TOE	172	* 7.1	21.4
	180	* 4.9	22.1	TIC	165	* 4.4	22.6	TIC	175	* 6.1	22.4
	190	* 4.9	22.1		170	* 4.1	22.9		180	* 6.0	22.5
LEVEE TOE	192	* 4.7	22.3		180	* 4.9	22.1	LEVEE TOE	188	* 5.8	22.7
				LEVEE TOE	190	* 4.4	22.6				
					192	* 4.1	22.9				
* HI = 27.0				* HI = 27.0				* HI = 28.5			

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17 ST. CANAL X-SECT.
 SHEET NO. 29 OF 27
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE RD 4/1/87

STA 635 +00 WATER = 20.8 * 28.5 = HI				STA 636 +00 WATER = 20.80 * 28.5 = HI				STA 637 +00 WATER = 20.8 * 28.5 = HI			
LEVEE TOE	35'	* 3.0	25.5	LEVEE TOE	36'	* 3.0	25.5	LEVEE TOE	37'	* 2.9	25.6
T/C	41'	* 4.2	24.3	T/C	47'	* 5.5	23.0	T/C	47'	* 5.7	22.8
TOE	42'	* 7.3	21.2	W/E	54.5	* 7.1	20.8	TOE	48'	* 7.5	21.0
W/E	49'	* 7.7	20.8					W/E	50'	* 7.7	20.8
	50'	0.9	19.9		60	2.9	17.9		60	6.7	14.1
	60	5.8	15.0		70	9.0	11.8		70	9.8	11.0
	70	9.0	11.8		80	9.5	11.3		80	9.4	11.4
	80	8.8	12.0		90	9.4	11.4		90	9.6	11.2
	90	9.2	11.6		100	9.8	11.0		100	9.8	11.0
	100	9.3	11.5		110	10.0	10.8		110	9.5	11.3
	110	9.5	11.3		120	9.2	11.6		120	9.0	11.8
	120	9.3	11.5		130	9.7	11.1		130	9.4	11.4
	130	9.7	11.1		140	9.2	11.6		140	9.1	11.7
	140	10.0	10.8		150	9.5	11.3		150	8.7	12.1
	150	10.7	10.1		160	8.1	12.7		160	6.6	14.2
	160	7.7	13.1		170	1.1	19.7		170	0.7	20.1
	170	0.4	20.4	W/E	175	* 7.7	20.8	W/E	173	* 7.7	20.8
W/E	171	* 7.7	20.8	TOE	178	* 7.1	21.4	TOE	177.5	* 7.1	21.4
T/C	180	* 5.3	23.2	T/C	179	* 6.6	21.9	T/C	178	* 5.3	23.2
LEVEE TOE	189	* 5.0	23.5	LEVEE TOE	183	* 5.3	23.2	LEVEE TOE	180	* 5.3	23.2
* HI = 28.5				* HI = 28.5				* HI = 28.5			

WALKER & AVERY, INC.
 1315 FNBC Building
 NEW ORLEANS, LOUISIANA 70112
 Phone 581-6683

JOB 17th ST. CANAL X-SECT.
 SHEET NO. 30 83 OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE 20 4/1/87

STA 638+00				STA 639+00			
WATER = 20.8 $\frac{7.9}{\quad}$ * 28.7 = HI				WATER = 20.8 * HI = 28.7			
LEVEE TOE	34.0	* 5.0	23.7	LEVEE TOE	33.5	* 4.2	24.5
TIC	47'	* 5.7	23.0	TIC	37'	* 5.7	23.0
TOE	48'	* 7.2	21.5	TOE	38'	* 7.2	21.5
W/E	48.0	* 7.9	20.8	W/E	46'	* 7.9	20.8
	52	3.3	17.5		50	6.1	14.7
	60	9.4	11.4		60	7.7	13.1
	70	10.2	10.6		70	7.9	12.9
	80	9.5	11.3		80	7.8	13.0
	90	9.4	11.4		90	7.6	13.2
	100	8.7	12.1		100	7.8	13.0
	110	8.6	12.2		110	8.2	12.6
	120	8.8	12.0		120	8.1	12.7
	130	8.9	11.9		130	8.0	12.8
	140	9.0	11.8		140	7.0	13.8
	150	9.2	11.6		150	8.0	12.8
	160	5.5	15.3		160	6.0	14.8
W/E	170	* 7.9	20.8		170	0.5	20.3
TOE	172	* 7.5	21.2	W/E	172	* 7.9	20.8
TIC	175	* 6.0	22.7	TOE	174	* 7.3	21.4
LEVEE TOE	180	* 5.3	23.4	LEVEE TOE	177	* 4.9	23.8
* HI = 28.7				* HI = 28.7			