

(A0007017)

DESIGN MEMORANDUM No. 13  
GENERAL DESIGN

ORLEANS PARISH LAKEFRONT LEVEE  
WEST OF I.H.N.C.

STRUC DES / LEVEES SEC PLATES 27 APR 84

20 APR 84

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY 00	COVER SHEET	100
DORCEY 0	AUTHORIZED PLAN OF PROTECTION	100
DORCEY- ZORCEY 1	INDEX AND VICINITY MAP	100
DORCEY LEVEES 2	PLAN AND PROFILE STA 0+00 - 85+00 B/L	95
DORCEY LEVEES 3	PLAN AND PROFILE STA 85+00 - 145+00 B/L	70
DORCEY LEVEES 4	PLAN AND PROFILE STA 145+00 - 195+00 B/L	30
DORCEY LEVEES 5	PLAN AND PROFILE STA 195+00 - 245+00 B/L	30
DORCEY LEVEES 6	PLAN AND PROFILE STA 245+00 - 295+00 B/L	30
DORCEY LEVEES 7	PLAN AND PROFILE STA 295+00 - 347+35.81 B/L	30
LOWRY BORNE 8	PLAN W/L STA 0+00 - 17+18.46 & 20+00 - 20+98.55	UTILITIES 95
LOWRY BORNE 9	PROFILE W/L STA 0+00 - 12+00	UTILITIES 80
LOWRY BORNE 10	PROFILE W/L STA 12+00 - 17+18.46 & 20+00 - 20+98.55	UTILITIES 90

27 APR 87  
30 APR 87

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- 30111A 11	→ PLAN W/L STA 100+00 - _____ → REDUCED TO 1 PLATE → <del>PLAN W/L STA _____</del>	60 30
DORCEY- 30112A <del>12</del>		
DORCEY- 30113A 13 12	PROFILE W/L STA 100+00 - _____	20
DORCEY- TINTO 14 13	PLAN W/L STA 200+00 - 236+48.59	95
DORCEY- TINTO 15 14	PROFILE W/L STA 200+00 - 213+00	95
DORCEY- TINTO 16 15	PROFILE W/L STA 213+00 - 226+00	95
DORCEY- TINTO 17 16	PROFILE W/L STA 226+00 - 236+48.59	95
DORCEY- TINTO 18 17	* PLAN AND PROFILE W/L STA 250+00 - 251+19.00	95
DORCEY- 30118A 19 18	PLAN AND PROFILE W/L STA 300+00 - 301+67.94 AND STA 350+00 - 351+60.94	10
DORCEY- TINTO 20 19	PLAN W/L STA 400+00 - 411+08.04	95
DORCEY- TINTO 21 20	PROFILE W/L STA 400+00 - 406+00	10
DORCEY- TINTO 22 21	PROFILE W/L STA 406+00 - 411+08.06	80
DORCEY- 30118A 23 22	RAMPS 1 and 2 DETAILS	95
DORCEY- 30118A 24 23	RAMPS 3 and 4 DETAILS	100

27 Apr 54

20 Apr 51

% COMPLETE

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- ROMERO 28 24	RAMPS 5 and 6 DETAILS	95
DORCEY- ROMERO 24 65	RAMPS 7 and R-1 DETAILS	60 20
EVES 27 24	TYPICAL LEVEE DESIGN SECTIONS	Levee Section
EVES 28	" " " "	
EVES 29	" " " "	
EVES 30	" " " "	
DORCEY- ROMERO 31	TYPICAL FLOODWALL DESIGN SECTIONS	95
DORCEY- ROMERO 32	— " — " " "	95
DORCEY- ROMERO 33	— " — " " "	90
DORCEY- ROMERO 34	— " — " " "	75
DORCEY- ROMERO 35	TYPICAL WALL SECTIONS (Reinforcement Details)	80
DORCEY- ROMERO 36	<del>" NOT REQ'D "</del>	<del>0</del>
DORCEY- ROMERO 36A	<del>" NOT REQ'D REINFORCEMENT DETAILS "</del>	<del>0</del>
DORCEY- ROMERO 37	TYPICAL WALL JOINTS	95 (100)
DORCEY- TINTO 38	TABLE AND PRE SWING GATES SCHEDULE	(100) <del>100</del>
DORCEY- ROMERO 39	SWING GATE DETAILS	(100)

27 APR 81  
20 APR 81  
% COMPLETE

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCET- TINTO 40	DETAILS - SWING GATE 2	99 ✓
DORCET- ROMERO 41	DETAILS - SWING GATE SEAL AND LATCHING DEVICE	100
DORCET- ROMERO 42	DETAILS - SWING GATE HINGE	99 95
LOWAT- BONNITA 43	MITER SWING GATES <sup>TABLE AND PILE</sup> A SCHEDULE	100
LOWAT- ROMERO 44	MITER SWING GATE DETAILS	80
LOWAT- ROMERO- BONNITA 45	<del>DETAILS</del> - MITER SWING GATE SEALS AND LATCHING <del>DEVICE</del> DETAILS	90
LOWAT- ROMERO- BONNITA 46	DETAILS - MITER SWING GATE UPPER HINGE	90 50
LOWAT- ROMERO- BONNITA 47	DETAILS - MITER SWING GATE LOWER HINGE	90
DORCET- ROMERO 48	<sup>TABLE AND PILE</sup> BOTTOM ROLLER GATES A SCHEDULE	100
DORCET- ROMERO 49	BOTTOM ROLLER GATE PLAN AND ELEVATION	100
DORCET- ROMERO 50	BOTTOM ROLLER GATE TYPICAL SECTIONS	100 ✓

37 Apr 87  
20 Apr 87  
% COMPLETE

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- TINTO 51	BOTTOM ROLLER GATE SEAL DETAILS	100
DORCEY- TINTO 52	<del>EXISTING PUMPING STATION No. 12</del> <del>DISCHARGE CULVERT</del>	} Not Required
DORCEY- TINTO 53	<del>SLUICE GATE STRUCTURE ON</del> <del>DISCHARGE CULVERT, P STA. No. 12</del>	
DORCEY- TINTO 54	UTILITY CROSSING DETAILS	100
DORCEY- TINTO 55	UTILITY CROSSING AND MANHOLE DETAILS	40 0



4/11/84  
3/30/84

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- TINTO 11	→ PLAN W/L STA 100+00 - _____	0 30
DORCEY- TINTO 12	→ REDUCED TO 1 PLATE → PLAN W/L STA _____ - _____	
DORCEY- TINTO 13 12	PROFILE W/L STA 100+00 - _____	0 0
DORCEY- TINTO 14 13	PLAN W/L STA 200+00 - 236+48.59	95 95
DORCEY- TINTO 15 14	PROFILE W/L STA 200+00 - 213+00	95 95
DORCEY- TINTO 16 15	PROFILE W/L STA 213+00 - 226+00	95 95
DORCEY- TINTO 17 14	PROFILE W/L STA 226+00 - 236+48.59	95 95
DORCEY- TINTO 18 17	PLAN AND PROFILE W/L STA 250+00 - 251+14.00	80 95
DORCEY- TINTO 19 18	PLAN AND PROFILE W/L STA 300+00 - 301+67.94 AND STA 350+00 - 351+60.94	80 95
DORCEY- TINTO 20 19	PLAN W/L STA 400+00 - 411+08.04	95 95
DORCEY- TINTO 21 20	PROFILE W/L STA 400+00 - 406+00	60 70
DORCEY- TINTO 22 21	PROFILE W/L STA 406+00 - 411+08.06	80 80
DORCEY- TINTO 23 22	RAMPS 1 and 2 DETAILS	90 90
DORCEY- TINTO 24 23	RAMPS 3 and 4 DETAILS	95 95

4/11/84

3/31/81

% COMPLETE

PLATE No	TITLE		
DORCEY- COMERO 28	RAMPS 5 and 6 DETAILS	90	90
DORCEY- COMERO 28	RAMPS 7 and R-1 DETAILS	20	
EVEES 27	TYPICAL LEVEE DESIGN SECTIONS		
EVEES 28	" " " " "		
EVEES 29	" " " " "		
EVEES 30	" " " " "		
DORCEY- COMERO 31	TYPICAL FLOODWALL DESIGN SECTIONS	90	90
DORCEY- COMERO 32	" " " " "	60	60
DORCEY- COMERO 33	" " " " "	70	80
DORCEY- COMERO 34	" " " " "	70	90
DORCEY- COMERO 35	TYPICAL WALL SECTIONS	0	0
DORCEY- COMERO 36	" " " "		
DORCEY- COMERO 36A	" " REINFORCEMENT DETAILS		
DORCEY- COMERO 37	TYPICAL WALL JOINTS	90	90
DORCEY- COMERO 38	SWING GATES SCHEDULE	60	100
DORCEY- COMERO 39	SWING GATE DETAILS	75	100



4/11/84  
 3/31/84  
 % COMPLETE

PLATE No.	TITLE	% COMPLETE
DORSET- TINTO 40	DETAILS - SWING GATE 2	95 100
DORSET- ROMERO 41	DETAILS - SWING GATE SEAL AND LATCHING DEVICE	90 100
DORSET- ROMERO 42	DETAILS - SWING GATE HINGE	95 95
LOWEY- BONNIE 43	MITER SWING GATES SCHEDULE	50 50
LOWEY- ROMERO 44	MITER SWING GATE DETAILS	70 70
LOWEY- ROMERO- BONNIE 45	DETAILS - MITER SWING GATE SEAL AND LATCHING DEVICE	0 0
LOWEY- ROMERO- BONNIE 46	DETAILS - MITER SWING GATE UPPER HINGE	0 0
LOWEY- ROMERO- BONNIE 47	DETAILS - MITER SWING GATE LOWER HINGE	40 60
DORSET- ROMERO 48	BOTTOM ROLLER GATES SCHEDULE	50 60
DORSET- ROMERO 49	BOTTOM ROLLER GATE PLAN AND ELEVATION	100 100
DORSET- ROMERO 50	BOTTOM ROLLER GATE TYPICAL SECTIONS	95 95

4/11/89

3/31/89

% COMPLETE

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- ROYERO 51	BOTTOM ROLLER GATE SEAL DETAILS	95 95
DORCEY- TINTO 52	EXISTING PUMPING STATION No. <u>12</u> DISCHARGE CULVERT	0 0
DORCEY- TINTO 53	SLUICE GATE STRUCTURE ON DISCHARGE CULVERT, P. STA. No. <u>12</u>	0 0
DORCEY- 54	UTILITY CROSSING. DETAILS	100 100
DORCEY- LOWAT 55	UTILITY CROSSING AND MANHOLE DETAILS	0 0



11/11/51

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
HOWAT-BONURA 11	PLAN W/L STA 100+00 - 109+68.40	(utilized) 95
HOWAT-BONURA 12	REDUCED TO 1 PLATE PLAN W/L STA _____	
HOWAT-BONURA 13 12	PROFILE W/L STA 100+00 - 109+68.40	(utilized) 75 (Ramp cut off) FEM
DORCEY-TINTO 14 13	PLAN W/L STA 200+00 - 236+48.59	(utilized) 75
DORCEY-TINTO 15 14	PROFILE W/L STA 200+00 - 213+00	( ) 75
DORCEY-TINTO 16 15	PROFILE W/L STA 213+00 - 226+00	( ) 75
DORCEY-TINTO 17 16	PROFILE W/L STA 226+00 - 236+48.59	( ) 75
DORCEY-TINTO 18 17	PLAN AND PROFILE W/L STA 250+00 - 251+14.00	( ) 95
DORCEY-BONURA 19 18	PLAN AND PROFILE W/L STA 300+00 - 301+67.94 AND STA 350+00 - 351+60.94	(utilized) 75 FEM
DORCEY-TINTO 20 19	PLAN W/L STA 400+00 - 411+08.06	(utilized) 75
DORCEY-TINTO 21 20	PROFILE W/L STA 400+00 - 406+00	(utilized) 70 (Sheet pile) FEM
DORCEY-TINTO 22 21	PROFILE W/L STA 406+00 - 411+08.06	( ) 70 FEM
DORCEY-ROMERO 23 22	RAMPS 1 and 2 DETAILS	(Support cut off elev) 99 FEM
DORCEY-ROMERO 24 23	RAMPS 3 and 4 DETAILS	100

11 May 19  
% COMPLETS

<u>PLATE No</u>	<u>TITLE</u>	<u>% COMPLETS</u>
DORCEY- ROMERO 25 21	RAMPS 5 and 6 DETAILS	(cut off elev) 99 F&M
DORCEY- ROMERO 26 25	RAMPS 7 and R-1 DETAILS	( " ) 99
LEVEES 27 24	TYPICAL LEVEE DESIGN SECTIONS	} for section
LEVEES 28 27	" " " "	
LEVEES 29 28	" " " "	
LEVEES 30 29	" " " "	
DORCEY- ROMERO 31 30	TYPICAL FLOODWALL DESIGN SECTIONS	(max. 100%) 99
DORCEY- ROMERO 32 31	" " " "	100
DORCEY- ROMERO 33 32	" " " "	(cut off elev) 99 F&M
DORCEY- ROMERO 34 33	" " " "	( " ) 99
DORCEY- ROMERO 35 34	TYPICAL WALL SECTIONS (Reinforcement Details)	100
DORCEY- ROMERO 36	<del>" NOT REQ'D "</del>	
DORCEY- ROMERO 36A	<del>" NOT REQ'D REINFORCEMENT DETAILS "</del>	
DORCEY- ROMERO 37 35	TYPICAL WALL JOINTS	100
DORCEY- TINTU 38 36	TABLE AND PILE SWING GATES SCHEDULE	100
DORCEY- ROMERO 39 31	SWING GATE DETAILS	(x-reference note) 99

11/14/09

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- TINTO 40 1	DETAILS - SWING GATE 2 (part)	99
DORCEY- ROMERO 41 39	DETAILS - SWING GATE SEAL AND LATCHING DEVICE	100
DORCEY- ROMERO 42 41	DETAILS - SWING GATE HINGE	100
HOWAT- BONILLA 43 41	MITER SWING GATES, <sup>TABLE AND PILE</sup> SCHEDULE	100
HOWAT- ROMERO 44 41	MITER SWING GATE DETAILS (part)	99
HOWAT- ROMERO- BONILLA 45 43	DETAILS - MITER SWING GATE SEAL AND LATCHING DEVICE	100
HOWAT- ROMERO- BONILLA 46 41	DETAILS - MITER SWING GATE UPPER HINGE	100
HOWAT- ROMERO- BONILLA 47 45	DETAILS - MITER SWING GATE LOWER HINGE	100
DORCEY- ROMERO 48 41	<sup>TABLE AND PILE</sup> BOTTOM ROLLER GATES, SCHEDULE	100
DORCEY- ROMERO 49 47	BOTTOM ROLLER GATE PLAN AND ELEVATION	100
DORCEY- ROMERO 50 41	BOTTOM ROLLER GATE TYPICAL SECTIONS (part)	99

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- ROMERO 51 11	BOTTOM ROLLER GATE SEAL DETAILS	100
DORCEY- TINTO 52	<del>EXISTING PUMPING STATION No. 12 DISCHARGE CULVERT</del>	
DORCEY- TINTO 53	<del>SLUICE <sup>NO. 11</sup> GATE STRUCTURE ON DISCHARGE CULVERT, P. STA. No. 12,</del>	
DORCEY- 54 50	UTILITY CROSSING DETAILS	100
DORCEY- HOWAT 55 51	<del>UTILITY CROSSING AND</del> MANHOLE DETAILS	100





4/11/89

<u>PLATE No.</u>	<u>TITLE</u>	<u>% COMPLETE</u>
HOWAT - (DORCEY) BONNIE 11	→ PLAN W/L STA 100+00 - <sup>68.40</sup> <del>109+48.59</del> → ISSUED TO 1 PLATE	(utilized) 95
HOWAT - (DORCEY) BONNIE <del>12</del>	<del>PLAN W/L STA</del>	
HOWAT - (DORCEY) BONNIE 13 12	PROFILE W/L STA 100+00 - <sup>68.40</sup> <del>109+48.59</del>	(utilized) 95
DORCEY - TINTO 14 13	PLAN W/L STA 200+00 - 236+48.59	(utilized) 95
DORCEY - TINTO 15 14	PROFILE W/L STA 200+00 - 213+00	( ) 95
DORCEY - TINTO 16 14	PROFILE W/L STA 213+00 - 226+00	( ) 95
DORCEY - TINTO 17 14	PROFILE W/L STA 226+00 - 236+48.59	( ) 95
DORCEY - TINTO 18 14	PLAN AND PROFILE W/L STA 250+00 - 251+14.00	95
DORCEY - BONNIE 19 18	PLAN AND PROFILE W/L STA 300+00 - 301+67.94 AND STA 350+00 - 351+60.94	95 (51% 112%)
DORCEY - TINTO 20 18	PLAN W/L STA 400+00 - 411+08.04	(utilized) 95
DORCEY - TINTO 21 19	PROFILE W/L STA 400+00 - 406+00	(21% 112%) 95
DORCEY - TINTO 22 21	PROFILE W/L STA 406+00 - 411+08.06	(21% 112%) 95
DORCEY - ROMERO 23 00	RAMPS 1 and 2 DETAILS	(54% 112%) 99/
DORCEY - ROMERO 24 03	RAMPS 3 and 4 DETAILS	11

4/16/91  
 % COMPLETE

<u>PLATE No</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCET- ROMERO 28 29	RAMPS 5 and 6 DETAILS	(out of 100) 99
DORCET- ROMERO 26 27	RAMPS 7 and R-1 DETAILS	( ) 99
LEVEES 27 28	TYPICAL LEVEE DESIGN SECTIONS	} Levee Section 0
LEVEES 28 29	" " " "	
LEVEES 29 30	" " " "	
LEVEES 30 31	" " " "	
DORCET- ROMERO 31 30	TYPICAL FLOODWALL DESIGN SECTIONS	100
DORCET- ROMERO 32 31	————— " —————	" " " ( ) 70
DORCET- ROMERO 33 32	————— " —————	" " " ( ) 90
DORCET- ROMERO 34 33	————— " —————	" " " ( ) 100
DORCET- ROMERO 35 34	TYPICAL WALL SECTIONS (Reinforcement Details)	( ) 100 ( )
DORCET- ROMERO 36	<del>" NOT REQ'D "</del>	
DORCET- ROMERO 36A	<del>" NOT REQ'D REINFORCEMENT DETAILS "</del>	
DORCET- ROMERO 37 35	TYPICAL WALL JOINTS	100
DORCET- TINTO 38 36	TABLE AND PILE SWING GATES SCHEDULE	100
DORCET- ROMERO 39 37	SWING GATE DETAILS	( ) 99

4/14/84  
% COMPLETE

<u>PLATE No</u>	<u>TITLE</u>	<u>% COMPLETE</u>
DORCEY- TINTO 40 31	DETAILS - SWING GATE 2	99
DORCEY- ROMERO 41 39	DETAILS - SWING GATE SEAL AND LATCHING DEVICE	100
DORCEY- ROMERO 42 40	DETAILS - SWING GATE HINGE	100
HOWAT- BONILLA 43 41	MITER SWING GATES, <sup>TABLE AND PILE</sup> SCHEDULE	100
HOWAT- ROMERO 44 40	MITER SWING GATE DETAILS	90
HOWAT- ROMERO- BONILLA 45 43	DETAILS - MITER SWING GATE SEAL AND LATCHING DEVICE	95
HOWAT- ROMERO- BONILLA 46 41	DETAILS - MITER SWING GATE UPPER HINGE	95
HOWAT- ROMERO- BONILLA 47 45	DETAILS - MITER SWING GATE LOWER HINGE	95
DORCEY- ROMERO 48 41	<sup>TABLE AND PILE</sup> BOTTOM ROLLER GATES, SCHEDULE	100
DORCEY- ROMERO 49 41	BOTTOM ROLLER GATE PLAN AND ELEVATION	100
DORCEY- ROMERO 50 48	BOTTOM ROLLER GATE TYPICAL SECTIONS	95

4/16/59  
% COMPLETS

PLATE No.

TITLE

DORCEY-  
ROMERO 51 49 BOTTOM ROLLER GATE SEAL DETAILS 100

DORCEY-  
TINTO 52 EXISTING PUMPING STATION No. 12  
DISCHARGE CULVERT  
NOT REQ'D

DORCEY-  
TINTO 53 SERVICE GATE STRUCTURE ON  
DISCHARGE CULVERT, P STA. No. 12,

DORCEY- 54 50 UTILITY CROSSING DETAILS 100

DORCEY-  
HOWAT 55 51 ~~UTILITY CROSSING AND~~ ~~(MANHOLE)~~ 80  
MANHOLE DETAILS