

SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
M-8	1	24" RCP	10.84	C
M-8	2	24" RCP	10.55	C
M-8	3	24" RCP	10.19	C
M-8	4	24" RCP	10.12	C
M-8	5	24" RCP	8.96	C
M-8	6	15" RCP (E) 18" RCP (W) 24" RCP (S) 18" RCP (N)	9.99 10.78 8.76 9.88	C
M-8	7	24" RCP	9.30	C
M-8	8	15" RCP (E) 15" RCP (W)	10.40 10.40	C
M-8	9	18" RCP	5.62	C
M-8	10	16" x 25" CMP	6.03	C
M-8	11	31" x 50" CMP	5.55	C
M-8	12	30" VCP	2.78	C
M-8	13	24" VCP (N) 24" RCP (E) 30" VCP (W) 24" RCP (S)	3.90 4.05 3.81 4.00	C
M-8	14	15" RCP (N) 24" VCP (S)	4.30 3.97	C
M-8	15	15" RCP	4.92	C
M-8	16	15" RCP (N) 15" RCP (S) 24" RCP (W)	- - -	CNO
M-8	17	18" RCP	3.97	C
M-8	18	18" RCP	2.87	C
M-8	19	13" x 22" CMP	6.18	C
M-8	20	15" RCP	6.08	C
M-8	21	16" x 25" CMP	5.23	C
M-8	22	31" x 50" CMP (E) 31" x 50" CMP (W)	6.74 7.06	C
M-8	23	31" x 50" CMP (E) 31" x 50" CMP (W)	7.20 7.50	C
M-8	24	31" x 50" CMP (E) 18" x 29" CMP (W)	7.74 7.89	C
M-8	25	36" CMP (W)	-8.27	C
M-8	26			CNO
M-8	27	18" x 29" CMP (N) 18" x 29" CMP (S)	8.71 8.51	C
M-8	28	18" x 29" CMP (S)	8.78	C
M-8	29	36" CMP (E) 36" CMP (W)	10.64 10.62	C
M-8	30	36" CMP	11.88	C
M-8	31	30" CMP	12.95	C
M-8	32	30" CMP (E) 18" CMP (W) 30" CMP (S)	13.05 14.21 13.12	C
M-8	33	30" CMP	13.25	C
M-8	34	18" CMP	14.23	C
M-8	35	30" CMP	14.35	C
M-8	36	30" CMP (N) 30" CMP (W) 18" CMP (S)	14.52 14.66 14.85	C
M-8	37	30" CMP	15.01	C
M-8	38	30" CMP	16.23	C
M-8	39	30" CMP (E) 30" CMP (W) 12" CMP (S)	16.21 16.27 16.22	C

SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
M-8	40	30" CMP (E) 15" CMP (N)	16.36 16.49	Open to ditch
M-8	41	27" x 43" CMP	3.80	C
M-8	42	27" x 43" CMP (E) 22" x 36" CMP (W)	4.88 4.52	C
M-8	43	22" x 36" CMP (E) 22" x 36" CMP (W)	4.83 4.86	C
M-8	44	18" RCP	2.72	C
M-8	45	18" x 29" CMP	2.86	FS
M-8	46	18" x 29" CMP (E) 18" x 29" CMP (W)	3.59 3.61	C
M-8	47	18" x 29" CMP (E)	4.10	C
M-8	48	24" RCP	4.48	C
M-8	49	18" x 29" CMP (N) 18" x 29" CMP (S)	5.14 5.19	C
M-8	50	18" x 29" CMP (N) 16" x 25" CMP (E)	5.35 5.62	C
M-8	51	16" x 25" CMP (W)	6.15	C
M-8	52	24" RCP	5.00	C
M-8	53	24" RCP (E) 18" x 29" CMP (W)	6.45 6.49	C
M-8	54	18" x 29" CMP (E)	6.56	C
M-8	55	18" RCP	3.73	C
M-8	56	24" RCP (E)	4.73	C
M-8	57	24" RCP	4.30	C
M-8	58	24" RCP	3.92	C
M-8	59	24" RCP (S) 24" RCP (N)	4.63 4.47	C
M-8	60	24" RCP (N) 18" RCP (E)	4.64 4.58	C
M-8	61	24" RCP	4.85	C
M-8	62	18" x 29" CMP (N) 24" RCP (S)	5.49 5.40	C
M-8	63	16" x 25" CMP (N) 18" x 29" CMP (S)	5.79 5.71	C
M-8	64	24" RCP	3.86	C
M-8	65	18" RCP (E) 24" RCP (W)	4.39 4.17	C
M-8	66	24" RCP	3.94	C
M-8	67	24" RCP (E) 24" RCP (W)	4.34 4.23	C
M-8	68	24" RCP (E) 18" x 29" CMP (S)	4.82 4.87	C
M-8	69			FS
M-8	70	24" RCP	3.42	HFS
M-8	71	24" RCP (N) 24" RCP (S)	4.09 4.09	C
M-8	72	24" RCP (N) 16" x 25" CMP (E)	4.34 4.22	C
M-8	73	36" RCP	9.04	C
M-8	74	36" RCP	9.57	C
M-8	75	30" RCP	7.48	C
M-8	76	30" RCP (E) 30" RCP (W) 18" RCP (S)	- - -	CNO
M-8	77	30" RCP	6.41	HFS
M-8	78	18" RCP	6.81	HFS

INVENTORY

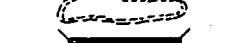
MAP M8

existing drainage facilities
CITY OF CHARLESTON

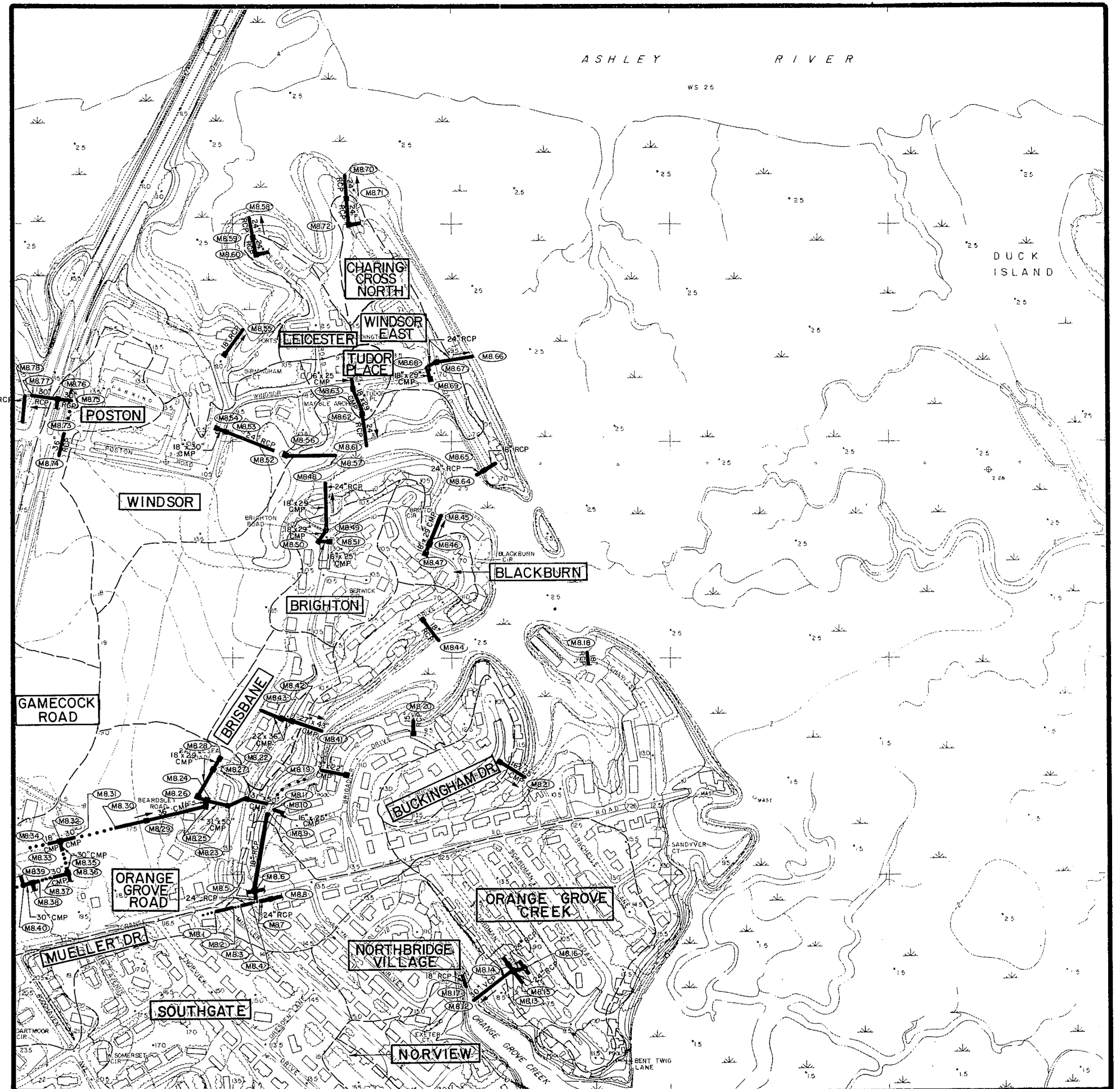
WEST OF THE ASHLEY

O15	O14	O13					
N15	N14	N13	N12	N11	N10	N9	N8
M15	M14	M13	M12	M11	M10	M9	
L15	L14	L13	L12	L11	L10	L9	L8
K14	K13	K12	K11	K10	K9	K8	
J14	J13	J12	J11	J10	J9	J8	J7
I11	I10	I9	I8	I7			

LEGEND

-  DRAINAGE PIPE
-  DRAINAGE CHANNEL
-  CHARLESTON CITY LIMITS
-  WATERSHED BOUNDARY
-  WATERSHED NAME
-  DETENTION BASIN
-  BRIDGE
-  MANHOLE IDENTIFICATION NO.
-  PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500
FEET



SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
M-9	1	24" RCP	7.97	C
M-9	2	24" RCP (E) 24" RCP (W)	12.15 11.88	C
M-9	3	18" RCP (E) 24" RCP (W)	12.35 12.35	C
M-9	4	18" RCP	3.97	C
M-9	5	24" RCP	6.31	C
M-9	6	24" RCP (E) 24" RCP (W)	7.01 7.06	C
M-9	7	24" RCP (W)	7.07	C
M-9	8	18" RCP	4.38	C
M-9	9	24" CMP (W)	4.91	C
M-9	10	18" RCP	2.93	C
M-9	11	18" RCP	10.14	C
M-9	12	18" RCP	9.04	C
M-9	13	18" CMP	9.17	C
M-9	14	24" CMP	9.73	C
M-9	15	24" RCP (N) 24" RCP (S)	11.74 11.74	C
M-9	16	24" RCP (N) 24" RCP (W)	12.34 12.34	C
M-9	17	24" RCP (E) 24" RCP (W)	12.42 12.42	C
M-9	18	24" RCP (E) 24" RCP (W)	12.47 12.47	C
M-9	19	15" RCP	16.49	C
M-9	20	24" CMP	9.24	C
M-9	21	24" CMP (W) 18" RCP (S) 18" x 29" CMP (E)	9.22 9.84 9.98	C
M-9	22	24" RCP (E) 18" x 29" CMP (W)	- -	CNO
M-9	23	24" RCP (W) 15" RCP (N)	10.59 10.91	C
M-9	24	30" CMP	8.18	C
M-9	25	18" x 29" CMP (E) 24" RCP (W)	9.12 8.61	C
M-9	26	18" x 29" CMP (W)	9.72	C
M-9	27	42" CMP	-0.12	C
M-9	28	42" CMP	-	C
M-9	29	15" RCP	6.04	C
M-9	30	15" RCP	3.89	C
M-9	31	30" RCP (N) 18" RCP (W) 30" RCP (E)	7.05 7.02 7.02	C
M-9	32	30" CMP (W) 30" RCP (S)	- -	C
M-9	33	30" CMP (E) 27" x 43" CMP (W)	- -	CNO
M-9	34	27" x 43" CMP (E) 27" x 43" CMP (W)	4.98 5.02	C
M-9	35	27" x 43" CMP (E) 27" x 43" CMP (N)	4.03 3.70	C
M-9	36	27" x 43" CMP (N) 27" x 43" CMP (S) 18" RCP (E)	3.20 3.12 3.37	C

SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
M-9	37	30" CMP	1.58	C
M-9	38	18" RCP	5.50	C
M-9	39	18" RCP	6.71	C
M-9	40	30" RCP (E) 30" RCP (W) 24" RCP (S)	8.83 8.87 8.92	C
M-9	41	24" RCP (N) 24" RCP (S)	9.45 9.24	C
M-9	42	24" RCP	-	C
M-9	43	30" RCP (E) 30" RCP (W)	10.13 10.13	C
M-9	44			PO
M-9	45	18" RCP (N) 18" RCP (S) 24" RCP (E) 30" RCP (W)	11.38 11.38 11.89 11.08	C
M-9	46	24" RCP (W) 18" CMP (S) 18" CMP (N) 18" CMP (E)	12.80 12.82 12.90 12.86	C
M-9	47	24" RCP	11.58	C
M-9	48	24" RCP (E) 24" RCP (S)	11.45 11.44	C
M-9	49	24" RCP (N) 24" RCP (S)	11.78 11.89	C
M-9	50	24" RCP (N) 24" RCP (S)	12.35 12.35	C
M-9	51	24" RCP (N) 24" RCP (S) 18" RCP (E) 15" RCP (W)	13.11 13.25 13.30 13.77	C
M-9	52	24" RCP (N) 24" RCP (S) 15" RCP (W)	14.99 14.99 15.05	C
M-9	53	24" RCP (N) 24" RCP (S) 15" RCP (W)	16.18 16.19 16.10	C
M-9	54	24" RCP (N) 24" RCP (S) 18" RCP (W) 24" RCP (E)	17.03 17.18 17.45 17.10	C
M-9	55	24" RCP (W)	17.57	C
M-9	56	24" RCP (N) 24" RCP (S)	17.25 17.32	C
M-9	57	24" RCP (N) 24" RCP (S) 18" RCP (E)	17.65 17.65 17.69	C
M-9	58	24" RCP (N) 24" RCP (S)	18.15 18.40	C
M-9	59	24" RCP (N) 18" RCP (E)	18.55 18.56	C
M-9	82	18" RCP (S) 24" RCP (W)	10.96 10.66	C
M-9	83	24" RCP (W) 24" RCP (E)	9.92 10.08	C
M-9	87	24" RCP (N) 24" CMP (E) 24" CMP (W) 24" RCP (S)	7.83 7.92 7.92 7.83	C
M-9	90	18" RCP	6.10	C
M-9	91	-	-	PO

INVENTORY

MAP M9

existing drainage facilities
CITY OF CHARLESTON

WEST OF THE ASHLEY

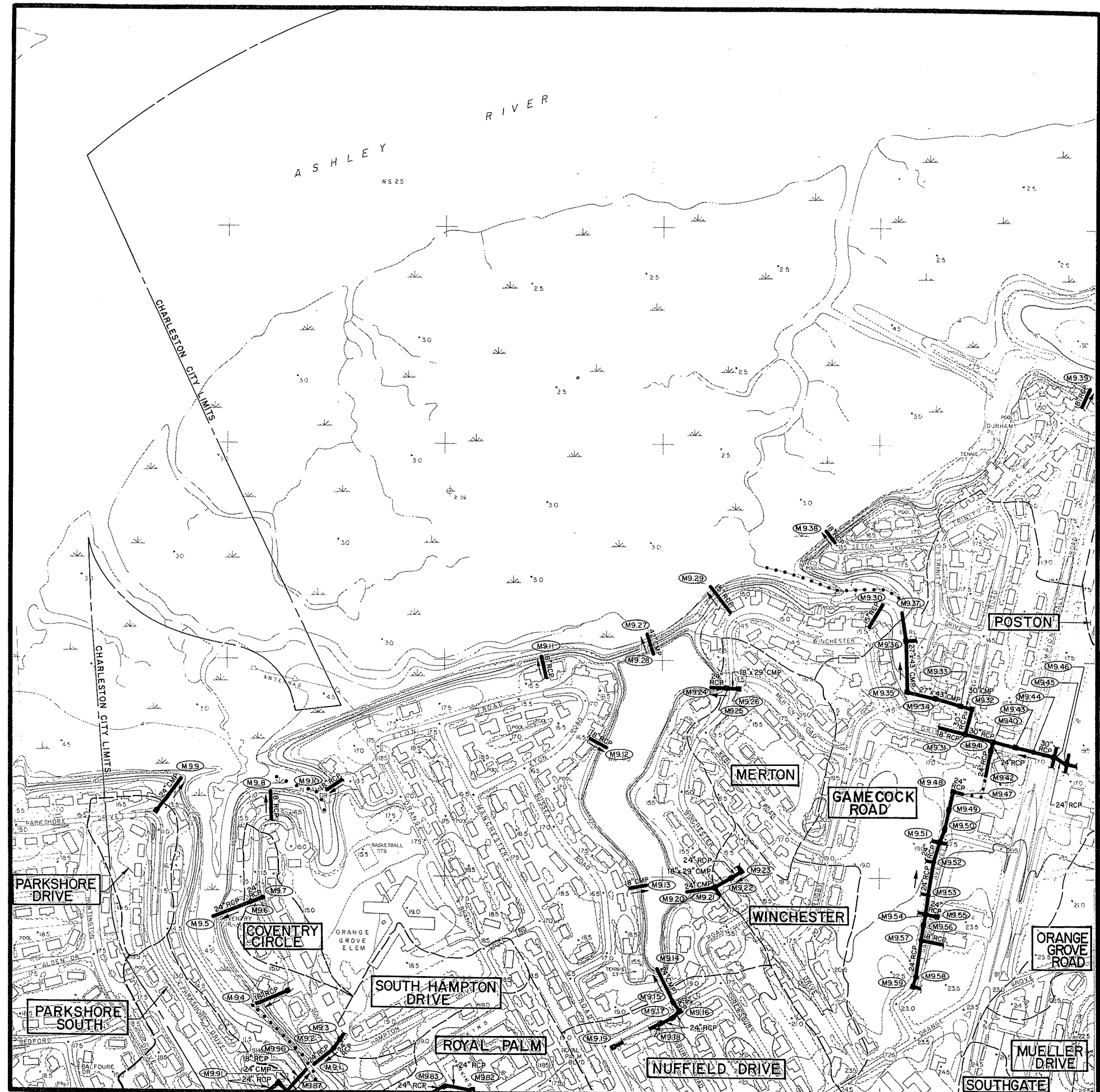
O15	O14	O13					
N15	N14	N13	N12	N11	N10	N9	N8
M15	M14	M13	M12	M11	M10		M8
L15	L14	L13	L12	L11	L10	L9	L8
	K14	K13	K12	K11	K10	K9	K8
	J14	J13	J12	J11	J10	J9	J8
				I11	I10	I9	I8
							I7



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO.
- PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500
FEET



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
M-10	1	36" RCP (N) 22" x 36" CMP (S)	4.00 3.94	C
M-10	2	36" RCP (N) 36" RCP (S) 18" RCP (E) 18" RCP (W)	3.51 3.38 5.32 5.36	C
M-10	3	48" RCP (N) 36" RCP (S)	2.90 2.92	C
M-10	4	48" RCP (N) 48" RCP (S)	2.27 1.88	C
M-10	5	48" RCP	1.89	C
M-10	6	42" CMP	5.53	C
M-10	7	42" CMP	6.04	C
M-10	8	22" x 36" CMP (N) 30" RCP (S)	4.24 4.19	C
M-10	9		-	CNO
M-10	10	30" RCP (E) 30" RCP (W)	4.98 4.96	C
M-10	11		-	CNO
M-10	12	30" RCP (N) 18" RCP (S)	5.79 5.84	C
M-10	13	24" CMP (E)	4.41	C
M-10	14	24" CMP (W) 24" CMP (S)	3.83 3.89	C
M-10	15	24" CMP (S)	3.97	C

INVENTORY

MAP M10

existing drainage facilities
CITY OF CHARLESTON

WEST OF THE ASHLEY

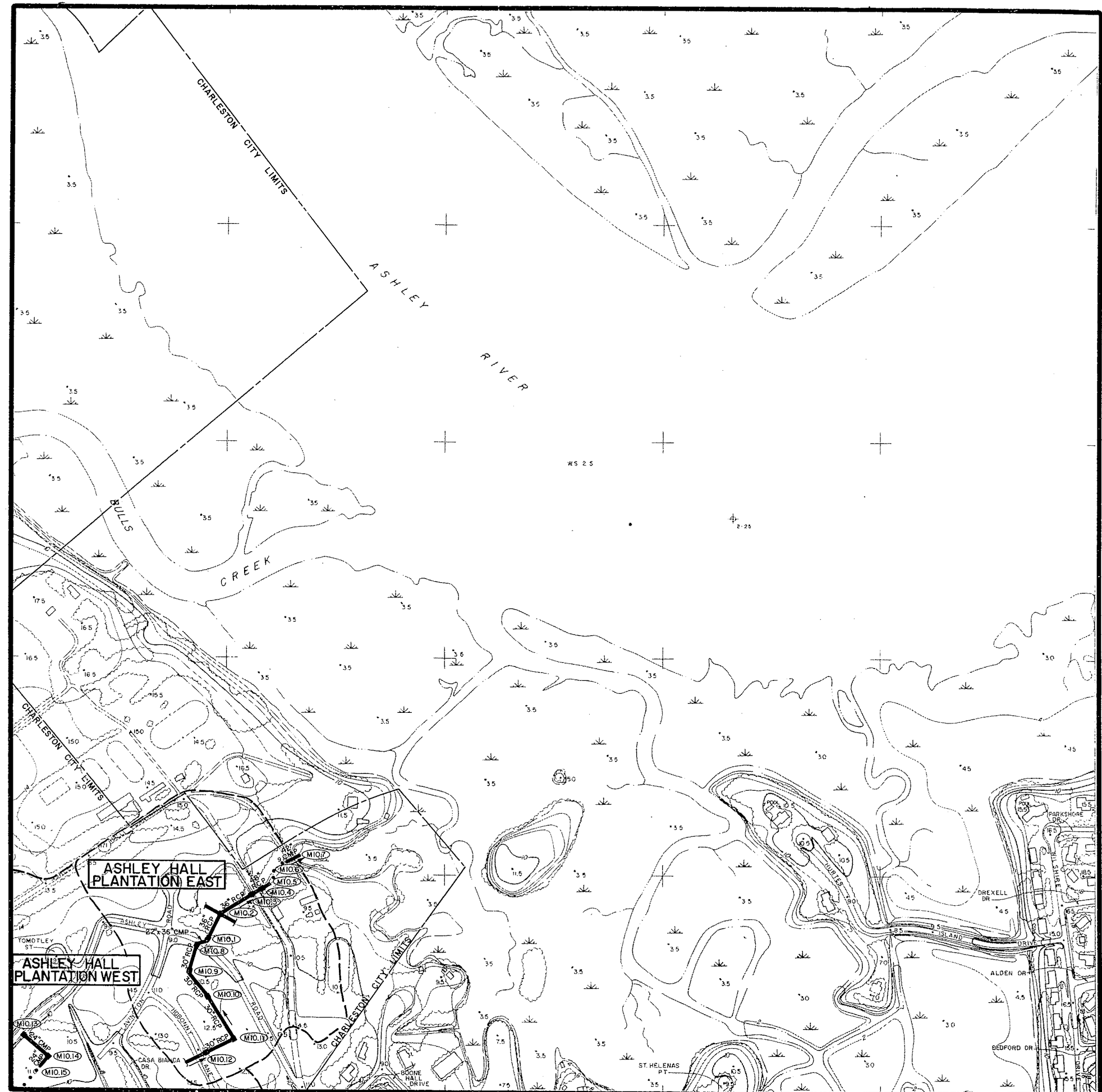
O15	O14	O13						
N15	N14	N13	N12	N11	N10	N9	N8	
M15	M14	M13	M12	M11		M9	M8	
L15	L14	L13	L12	L11	L10	L9	L8	
	K14	K13	K12	K11	K10	K9	K8	
	J14	J13	J12	J11	J10	J9	J8	J7
				I11	I10	I9	I8	I7



LEGEND

-  DRAINAGE PIPE
-  DRAINAGE CHANNEL
-  CHARLESTON CITY LIMITS
-  WATERSHED BOUNDARY
-  CROSSCREEK WATERSHED NAME
-  DETENTION BASIN
-  BRIDGE
-  MANHOLE IDENTIFICATION NO.
-  PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500 FEET



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
M-11	1	30" RCP	-	C
M-11	2	30" RCP	-	C
M-11	3	24" RCP	3.64	C
M-11	4	25' BRIDGE	1.56	-
M-11	5	24" RCP (E)	4.00	C
		24" RCP (W)	4.00	
M-11	6	24" RCP (E)	3.46	C
		24" RCP (W)	3.46	
M-11	7	18" RCP (E)	-	CNO
		24" RCP (W)	-	
M-11	8	4' x 6' BOX	-0.60	C
M-11	9	4' x 6' BOX	-0.52	C

INVENTORY

MAP M11

existing drainage facilities
CITY OF CHARLESTON

WEST OF THE ASHLEY

O15	O14	O13						
N15	N14	N13	N12	N11	N10	N9	N8	
M15	M14	M13	M12		M10	M9	M8	
L15	L14	L13	L12	L11	L10	L9	L8	
	K14	K13	K12	K11	K10	K9	K8	
	J14	J13	J12	J11	J10	J9	J8	J7
			I11	I10	I9	I8	I7	



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO.
- PUMPING STATION



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
M-12	1	13" x 22" CMP (E) 24" CMP (W) 18" x 29" (S)	9.00 8.95 9.10	C
M-12	2	36" CMP (N) 22" x 36" (S) 16" x 25" CMP (W)	7.90 7.74 7.75	C
M-12	3	27" x 43" CMP (N) 27" x 43" CMP (S) 16" x 25" CMP (W)	5.21 5.21 5.14	C
M-12	4	36" CMP (S) 24" CMP (E) 18" CMP (N)	- 7.99 7.96	C

INVENTORY

MAP M12

existing drainage facilities
CITY OF CHARLESTON

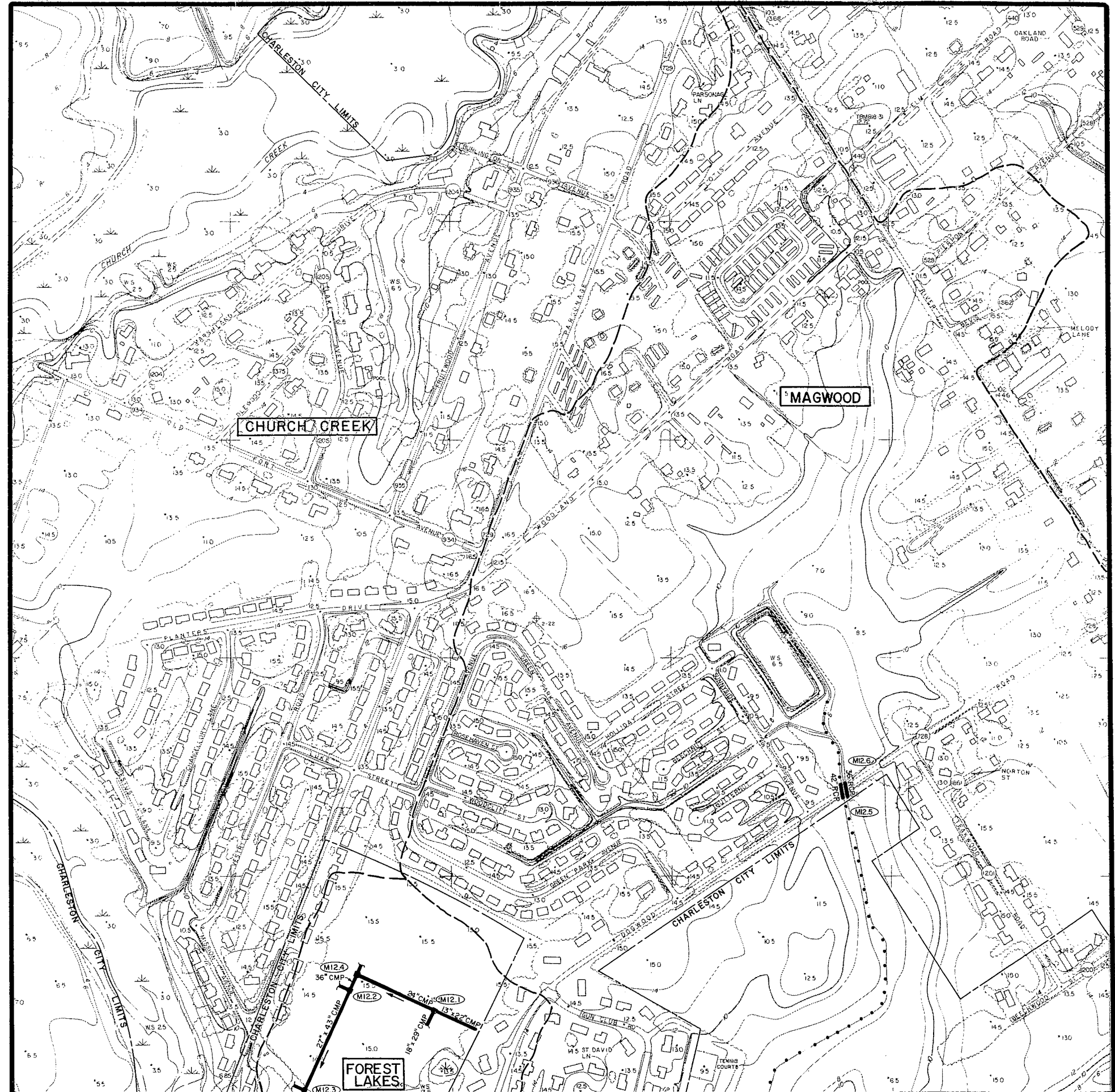
WEST OF THE ASHLEY

O15	O14	O13						
N15	N14	N13	N12	N11	N10	N9	N8	
M15	M14	M13		M11	M10	M9	M8	
L15	L14	L13	L12	L11	L10	L9	L8	
	K14	K13	K12	K11	K10	K9	K8	
	J14	J13	J12	J11	J10	J9	J8	J7
				I11	I10	I9	I8	I7



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO.
- PUMPING STATION



INVENTORY

MAP M13

existing drainage facilities
CITY OF CHARLESTON

WEST OF THE ASHLEY

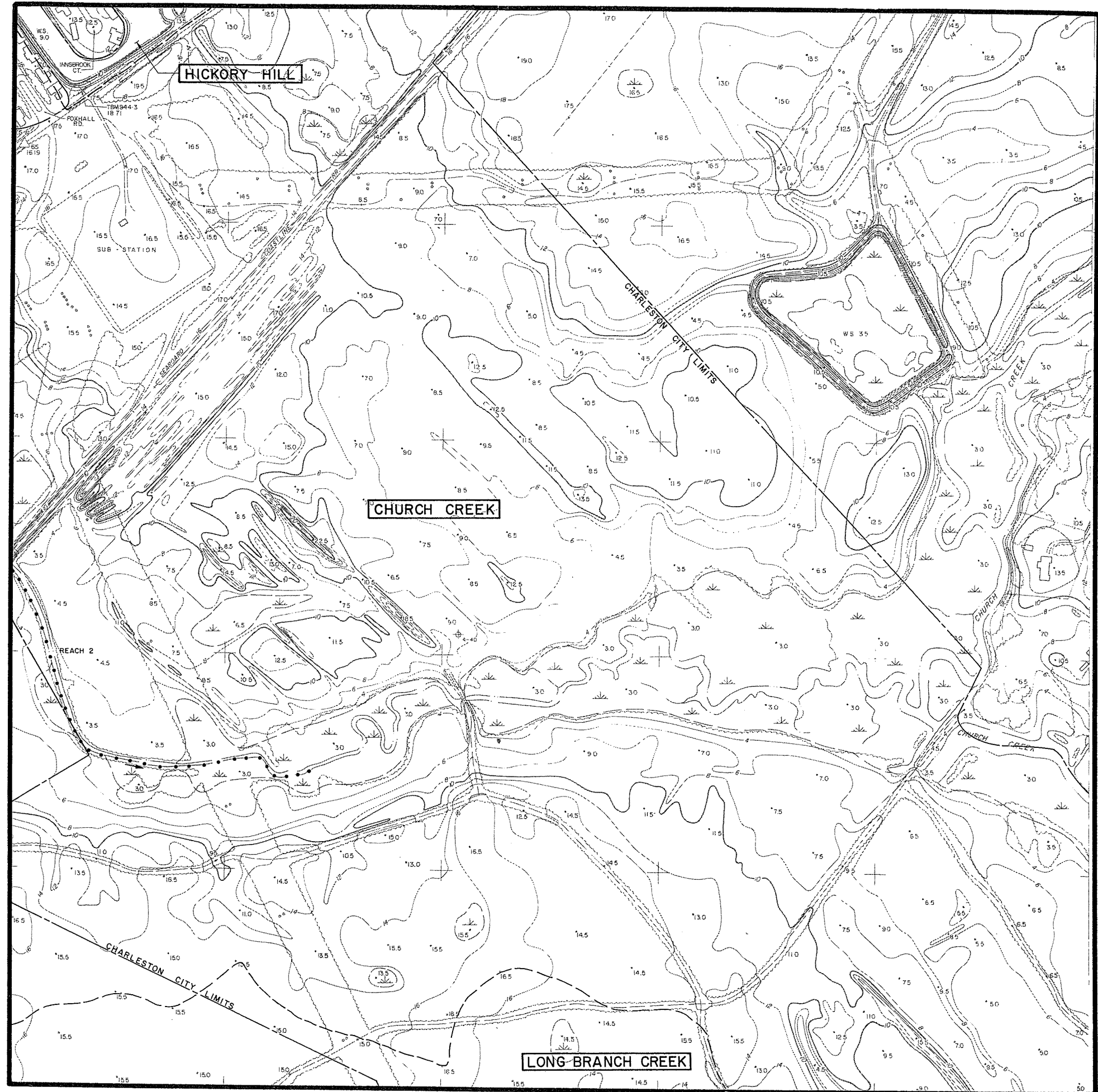
O15	O14	O13							
N15	N14	N13	N12	N11	N10	N9	N8		
M15	M14		M12	M11	M10	M9	M8		
L15	L14	L13	L12	L11	L10	L9	L8		
	K14	K13	K12	K11	K10	K9	K8		
	J14	J13	J12	J11	J10	J9	J8	J7	
			I11	I10	I9	I8	I7		



LEGEND

-  DRAINAGE PIPE
-  DRAINAGE CHANNEL
-  CHARLESTON CITY LIMITS
-  WATERSHED BOUNDARY
-  CROSSCREEK WATERSHED NAME
-  DETENTION BASIN
-  BRIDGE
-  MANHOLE IDENTIFICATION NO.
-  PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500
FEET



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
M-14	1	36' Wide Bridge	0.99	C
M-14	3	66" RCP	2.07	C
M-14	4	66" RCP	1.93	C

INVENTORY

MAP M14

existing drainage facilities
CITY OF CHARLESTON

WEST OF THE ASHLEY

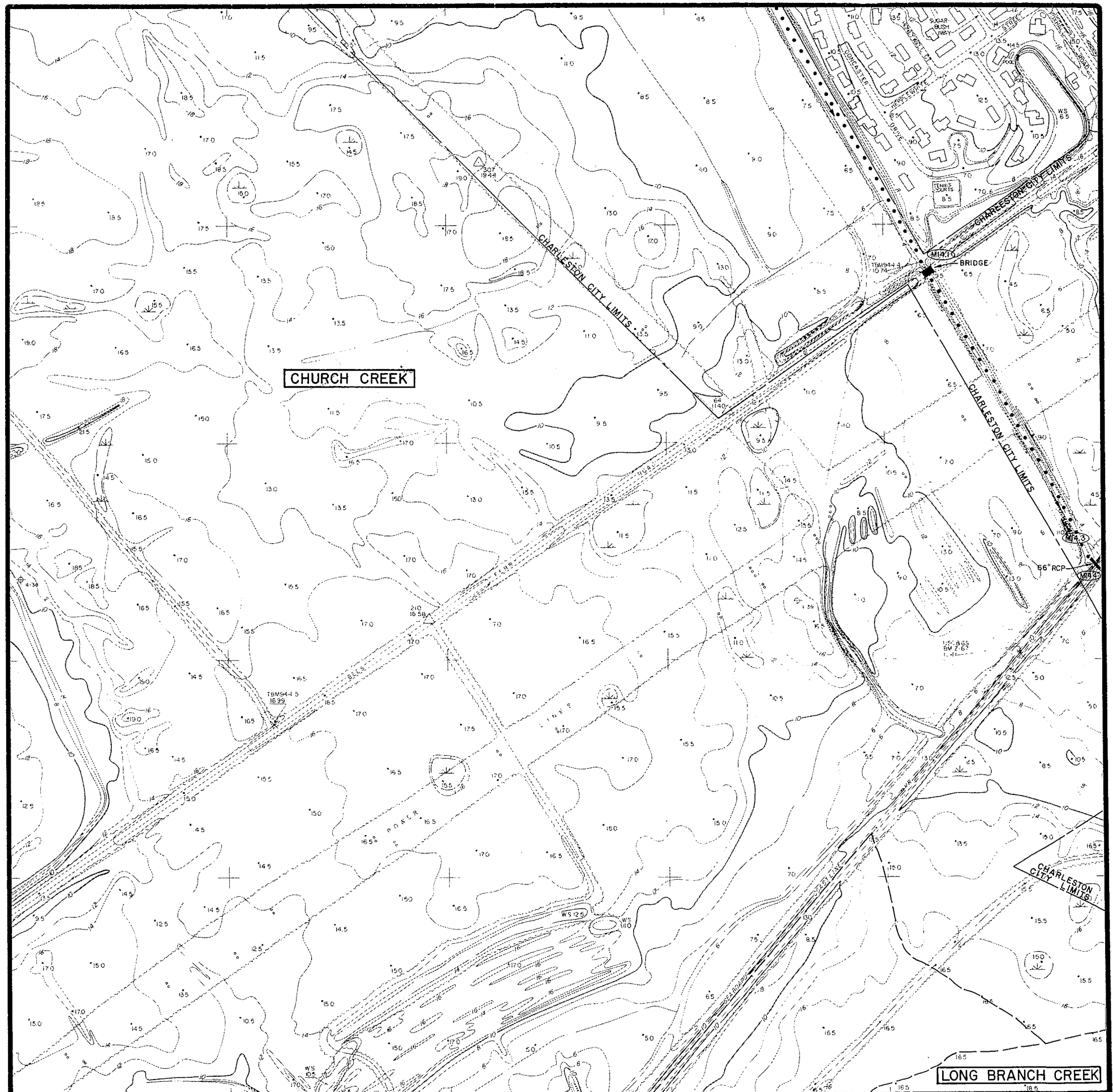
O15	O14	O13					
N15	N14	N13	N12	N11	N10	N9	N8
M15		M13	M12	M11	M10	M9	M8
L15	L14	L13	L12	L11	L10	L9	L8
	K14	K13	K12	K11	K10	K9	K8
	J14	J13	J12	J11	J10	J9	J8
		I11	I10	I9	I8	I7	



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO. J5.13
- PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500 FEET



INVENTORY

MAP M15

existing drainage facilities
CITY OF CHARLESTON

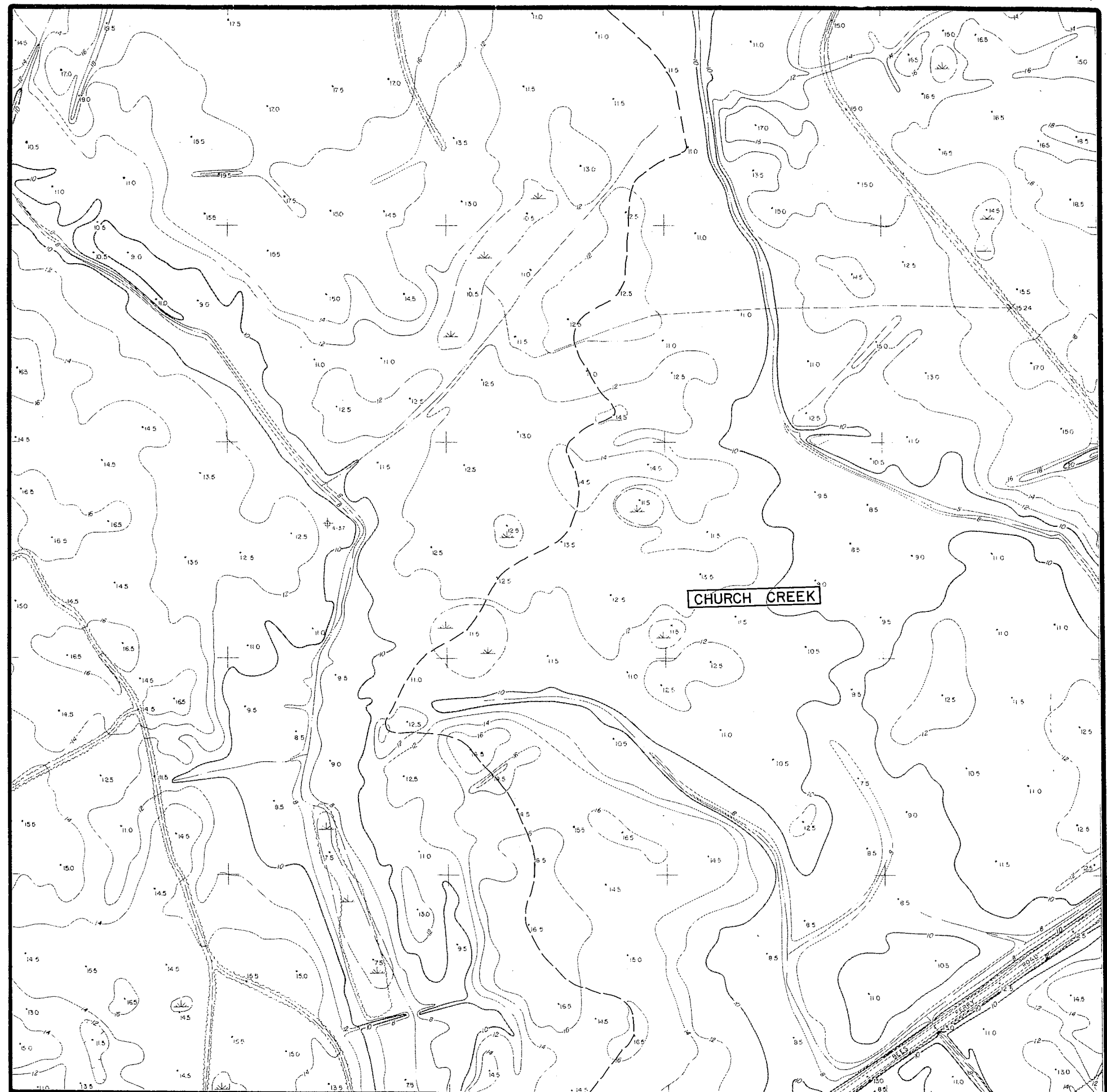
WEST OF THE ASHLEY							
O15	O14	O13					
N15	N14	N13	N12	N11	N10	N9	N8
	M14	M13	M12	M11	M10	M9	M8
L15	L14	L13	L12	L11	L10	L9	L8
	K14	K13	K12	K11	K10	K9	K8
	J14	J13	J12	J11	J10	J9	J8
			I11	I10	I9	I8	I7



LEGEND

-  DRAINAGE PIPE
-  DRAINAGE CHANNEL
-  CHARLESTON CITY LIMITS
-  WATERSHED BOUNDARY
-  WATERSHED NAME
-  DETENTION BASIN
-  BRIDGE
-  MANHOLE IDENTIFICATION NO.
-  PUMPING STATION

GRAPHIC
SCALE



INVENTORY

MAP N11

existing drainage facilities CITY OF CHARLESTON

WEST OF THE ASHLEY									
O15	O14	O13							
N15	N14	N13	N12		N10	N9	N8		
M15	M14	M13	M12		M10	M9	M8		
L15	L14	L13	L12		L10	L9	L8		
	K14	K13	K12	K11	K10	K9	K8		
	J14	J13	J12	J11	J10	J9	J8	J7	
			I11	I10	I9	I8	I7		



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO.
- PUMPING STATION



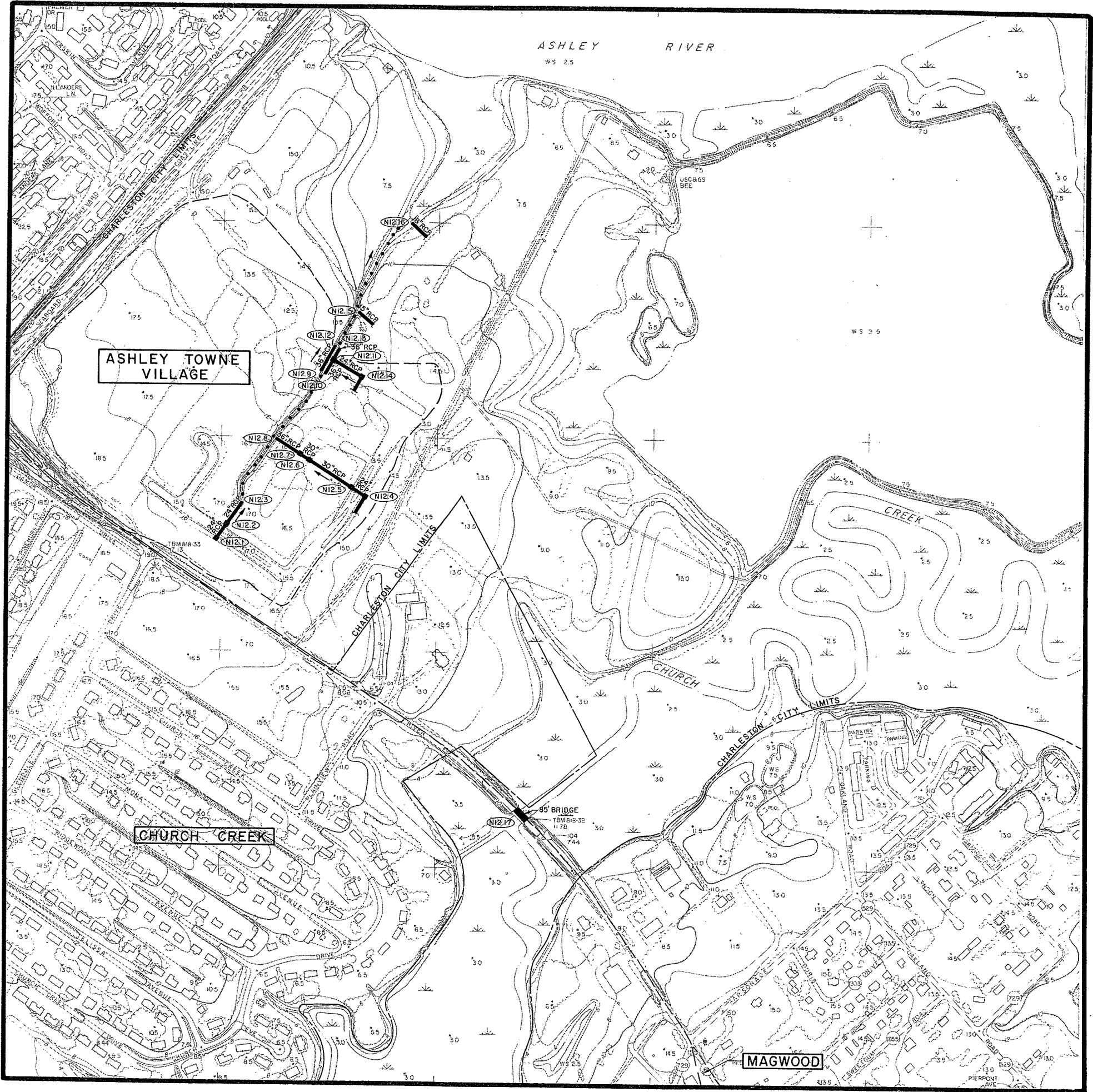
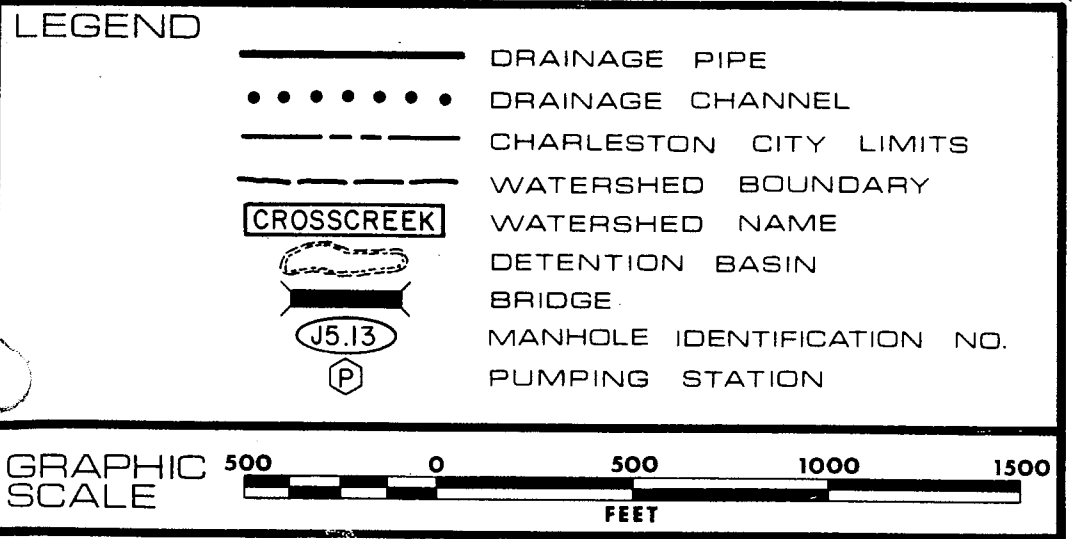
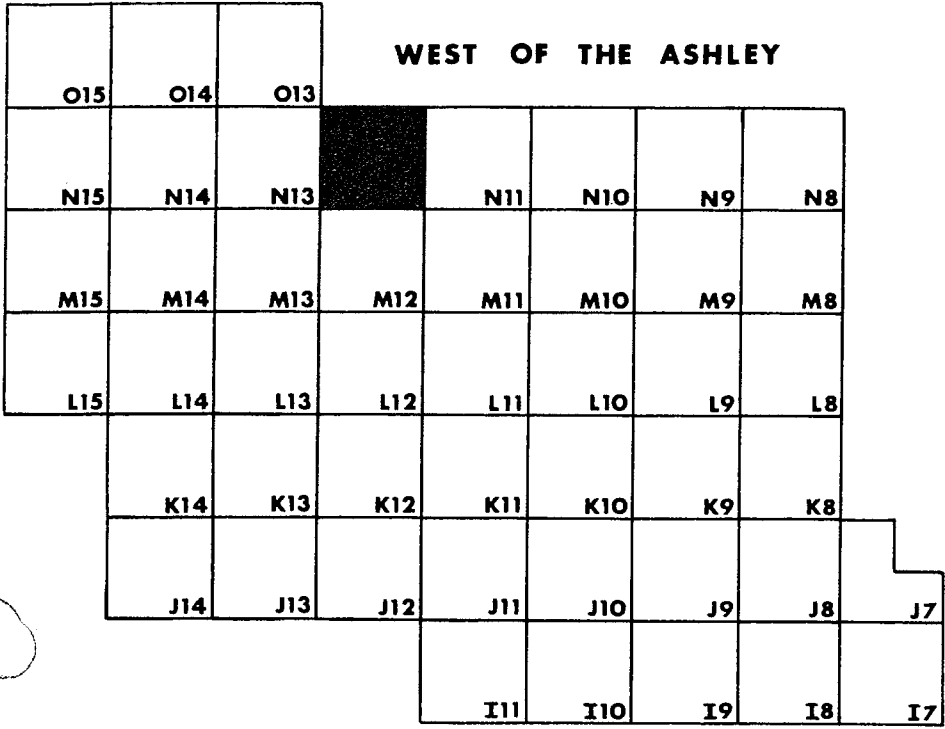
<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
N-12	1	24" RCP (N)	8.68	C
N-12	2	24" RCP (N) 24" RCP (S)	8.48 8.50	C
N-12	3	24" RCP	7.47	C
N-12	4	24" RCP (W) 15" RCP (S)	7.71 7.67	C
N-12	5	24" RCP (E) 30" RCP (W)	7.47 7.53	C
N-12	6	30" RCP (E) 30" RCP (W)	6.96 6.85	C
N-12	7	30" RCP (E) 36" RCP (W)	6.85 6.78	C
N-12	8	36" RCP	6.39	C
N-12	9	36" RCP	9.01	C
N-12	10	36" RCP	8.98	C
N-12	11	36" RCP (N) 36" RCP (S) 24" RCP (E)	5.49 5.49 5.49	C
N-12	12	36" RCP	5.70	C
N-12	13	36" RCP	5.71	C
N-12	14	24" RCP (W) 18" RCP (S)	6.59 6.64	C
N-12	15	15" RCP	4.10	C
N-12	16	18" RCP	-	C
N-12	17	85' BRIDGE	-3.50	Bottom of channel

INVENTORY

MAP N12

existing drainage facilities

CITY OF CHARLESTON



SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
N-13	1	31" x 50" CMP 31" x 50" CMP	3.12 3.01	C
N-13	3	31" x 50" CMP 31" x 50" CMP	3.40 3.20	C
N-13	5	24" RCP	5.75	C
N-13	6	24" RCP	5.75	C
N-13	7	36" RCP 36" RCP	2.51 2.52	C
N-13	9	36" RCP 36" RCP	2.36 2.55	C
N-13	11	48" RCP 48" RCP	2.44 2.28	C
N-13	13	48" RCP 48" RCP	2.12 2.47	C
N-13	15	36" x 58" CMP 36" x 58" CMP	3.88 4.88	C
N-13	17	36" x 58" CMP 36" x 58" CMP	4.01 5.19	C
N-13	19	48" RCP 48" RCP	4.02 4.08	C
N-13	21	48" RCP 48" RCP	4.00 4.17	C
N-13	23	24" RCP (N) 18" RCP (S)	10.10 10.99	C
N-13	24	24" RCP	8.72	C
N-13	25	24" CMP	8.20	C
N-13	26	24" CMP	6.96	C
N-13	27	30" CMP (W) 15" RCP (N)	9.91 10.71	C
N-13	28	30" CMP (E) 30" CMP (W)	9.74 9.68	C
N-13	29	30" CMP (W) 30" CMP (E)	8.72 8.93	C
N-13	30	30" CMP	7.79	C
N-13	31	18" CMP	-	C
N-13	32	18" CMP	-	C
N-13	33	24" CMP (E)	14.64	HFS
N-13	34	24" CMP (W) 30" CMP (E)	14.43 14.63	C
N-13	35	30" CMP	13.74	C
N-13	36	42" CMP	12.92	C

SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
N-13	37	42" CMP (E) 42" CMP (W)	12.53 12.53	C
N-13	38	42" CMP (E) 42" CMP (W)	12.34 12.29	C
N-13	39	42" CMP (E) 42" CMP (W)	11.84 12.05	C
N-13	40	42" CMP (E) 42" CMP (W)	12.03 12.03	C
N-13	41	42" CMP	15.34	C
N-13	42	40" x 65" CMP	4.11	C
N-13	43	40" x 65" CMP	4.26	C
N-13	44	40" x 65" CMP (E) 40" x 65" CMP (W)	4.69 4.69	C
N-13	45	40" x 65" CMP (E) 40" x 65" CMP (W)	4.74 4.74	C C
N-13	47	40" x 65" CMP	9.65	C
N-13	51		-	Unable to locate
N-13	52		3.46	C
N-13	53		3.38	C
N-13	54		-	Unable to locate
N-13	55	42" CMP	6.95	C
N-13	56	42" CMP (N) 42" CMP (S)	7.20 7.45	C
N-13	57	60" CMP	5.19	C
N-13	58	42" CMP (N) 42" CMP (W)	7.75 7.75	C
N-13	59	42" CMP (E) 42" CMP (S)	8.08 8.20	C
N-13	61	60" CMP (E) 60" CMP (W)	6.39 6.29	C
N-13	62	60" CMP (E) 60" CMP (W)	5.47 5.85	C
N-13	63	21" CMP	-	C
N-13	64	48" RCP 48" RCP	3.99 4.08	HFS
N-13	66	48" RCP 48" RCP	4.21 3.83	C
N-13	68	36" RCP	9.09	C
N-13	69	36" RCP	8.45	C

SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
N-14	1	24" CMP	9.05	C
N-14	2	36" CMP (E) 36" CMP (W)	9.98 10.01	C
N-14	3	36" CMP (E) 36" CMP (W)	9.35 9.58	C
N-14	4	54" CMP (E) 36" CMP (W) 42" CMP (S)	7.57 8.31 7.81	C
N-14	5	54" CMP (E) 54" CMP (W)	7.05 7.12	C
N-14	6	60" CMP (E) 54" CMP (W) 24" CMP (S)	6.61 6.59 8.13	C
N-14	7	42" CMP (N) 42" CMP (W)	8.34 8.43	C
N-14	8	42" CMP (E) 42" CMP (S)	8.91 8.93	C
N-14	9	42" CMP (N) 24" CMP (S)	9.01 9.70	C
N-14	10	24" CMP	10.57	C
N-14	11	24" CMP (N) 21" CMP (S)	8.81 8.96	C
N-14	12	24" CMP	7.16	C
N-14	13	24" CMP (S) 24" CMP (N)	7.66 7.85	C
N-14	14	24" CMP (N) 24" CMP (S)	8.25 8.04	C
N-14	15	24" CMP	10.38	C
N-14	16	24" RCP	10.34	C
N-14	17	24" RCP (E) 24" RCP (W)	11.01 11.01	C
N-14	18	24" RCP (E) 24" RCP (W)	11.25 11.25	C
N-14	19	24" RCP (E) 24" RCP (W)	11.59 11.59	C
N-14	20	24" RCP (W)	12.16	C
N-14	21	18" RCP	9.48	C
N-14	22	18" CMP	6.28	C
N-14	23	24" CMP	5.38	C
N-14	24	24" CMP	5.25	C
N-14	25	24" CMP	5.20	C
N-14	26	24" CMP	5.00	C
N-14	27	18" RCP	-	C
N-14	28	15" RCP	-	C
N-14	29	18" RCP	-	FS
N-14	30	24" RCP (E)	7.23	C
N-14	31	24" RCP (E) 24" RCP (W)	6.64 6.75	C

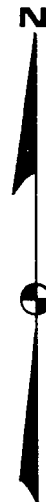
SHEET NO.	MANHOLE NO.	PIPE SIZE	INVERT ELEV.	CONDITION
N-14	32	24" RCP	7.07	C
N-14	33	24" RCP (E) 24" RCP (W)	7.38 7.42	C
N-14	34	24" RCP (E) 24" RCP (W)	7.10 7.10	C
N-14	35	24" RCP	7.03	C
N-14	36	24" RCP (E)	8.06	C
N-14	37	36" RCP (E) 36" RCP (W)	3.31 3.37	C
N-14	38	36" RCP (E) 42" RCP (W)	3.67 3.64	C
N-14	39	42" RCP	3.00	C
N-14	40	30" RCP (E) 36" RCP (W) 24" RCP (N)	4.64 4.39 4.76	C
N-14	41	30" RCP (E) 30" RCP (W)	4.96 4.96	C
N-14	42	30" RCP (E) 30" RCP (W)	5.31 5.16	C
N-14	43	30" RCP (E) 30" RCP (W)	5.35 5.14	C
N-14	44		-	CNO
N-14	45	24" RCP (E) 30" RCP (W)	6.58 6.57	C
N-14	46	24" RCP (W) 15" RCP (E)	6.55 7.99	C
N-14	47	24" RCP (S)	5.11	C
N-14	48	24" RCP (N)	4.59	C
N-14	49	24" RCP (N) 24" RCP (S)	4.42 4.42	C
N-14	50	24" RCP	4.07	C
N-14	51	18" RCP (E) 24" RCP (W)	7.27 7.27	C
N-14	52	24" RCP (E) 24" RCP (W)	7.22 6.76	C
N-14	53	24" RCP	5.12	C
N-14	54	24" CMP	4.71	C
N-14	55	24" CMP	4.93	C
N-14	56	24" CMP	4.84	C
N-14	57	24" CMP	5.44	C
N-14	58	24" CMP	4.86	C
N-14	59	24" CMP	5.17	C
N-14	60	24" CMP	4.59	C
N-14	60A	42" CMP	8.83	C
N-14	61	24" CMP	5.09	C

INVENTORY	MAP N15
existing drainage facilities CITY OF CHARLESTON	

MAP N15

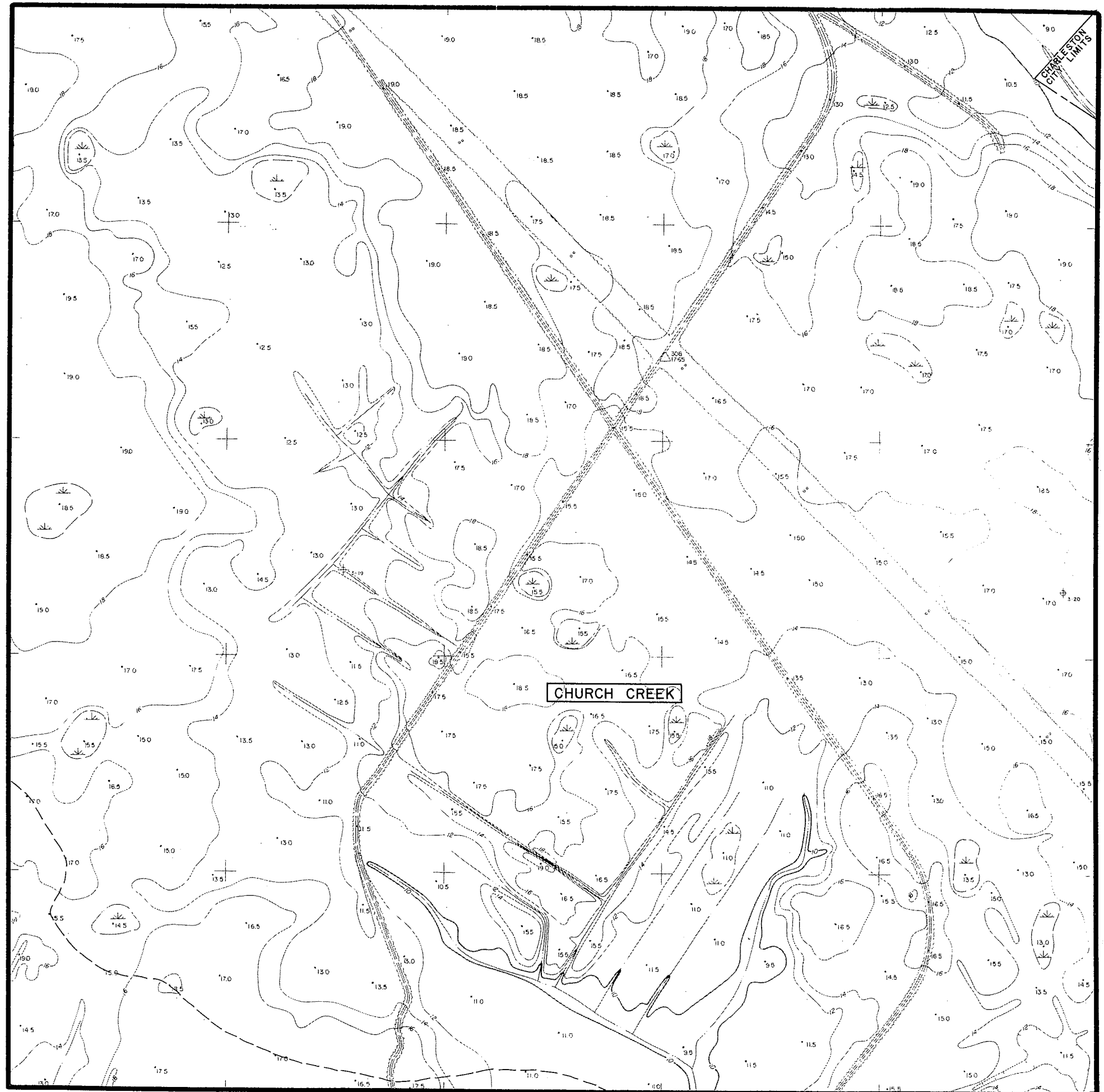
existing drainage facilities
CITY OF CHARLESTON

			WEST OF THE ASHLEY							
O15	O14	O13								
	N14	N13	N12	N11	N10	N9	N8			
M15	M14	M13	M12	M11	M10	M9	M8			
L15	L14	L13	L12	L11	L10	L9	L8			
			K14	K13	K12	K11	K10	K9	K8	
			J14	J13	J12	J11	J10	J9	J8	J7
					I11	I10	I9	I8	I7	



LEGEND

- | | |
|---|----------------------------|
|  | DRAINAGE PIPE |
|  | DRAINAGE CHANNEL |
|  | CHARLESTON CITY LIMITS |
|  | WATERSHED BOUNDARY |
|  | WATERSHED NAME |
|  | DETENTION BASIN |
|  | BRIDGE |
|  | MANHOLE IDENTIFICATION NO. |
|  | PUMPING STATION |



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
0-13	1	27" x 43" CMP (E) 27" x 43" CMP (W)	8.15 8.15	C
0-13	2	27" x 43" CMP (E) 24" CMP (W)	8.39 8.54	C
0-13	3	24" CMP	10.36	C
0-13	4	27" x 43" CMP	7.81	C
0-13	5	24" RCP	10.92	C
0-13	6	24" RCP	10.46	C
0-13	7	24" RCP	11.52	C
0-13	8	24" RCP	10.88	C
0-13	46	36" CMP (N) 40" x 65" CMP (S) 40" x 65" CMP (W #1) 40" x 65" CMP (W #2)	- 9.67 5.80 5.80	C
0-13	48	36" CMP (N) 36" CMP (S)	6.78 6.78	C
0-13	49	36" CMP (S) 36" CMP (E)	7.79 7.78	C
0-13	50	36" CMP	7.88	C

INVENTORY

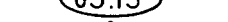
MAP 013

existing drainage facilities
CITY OF CHARLESTON

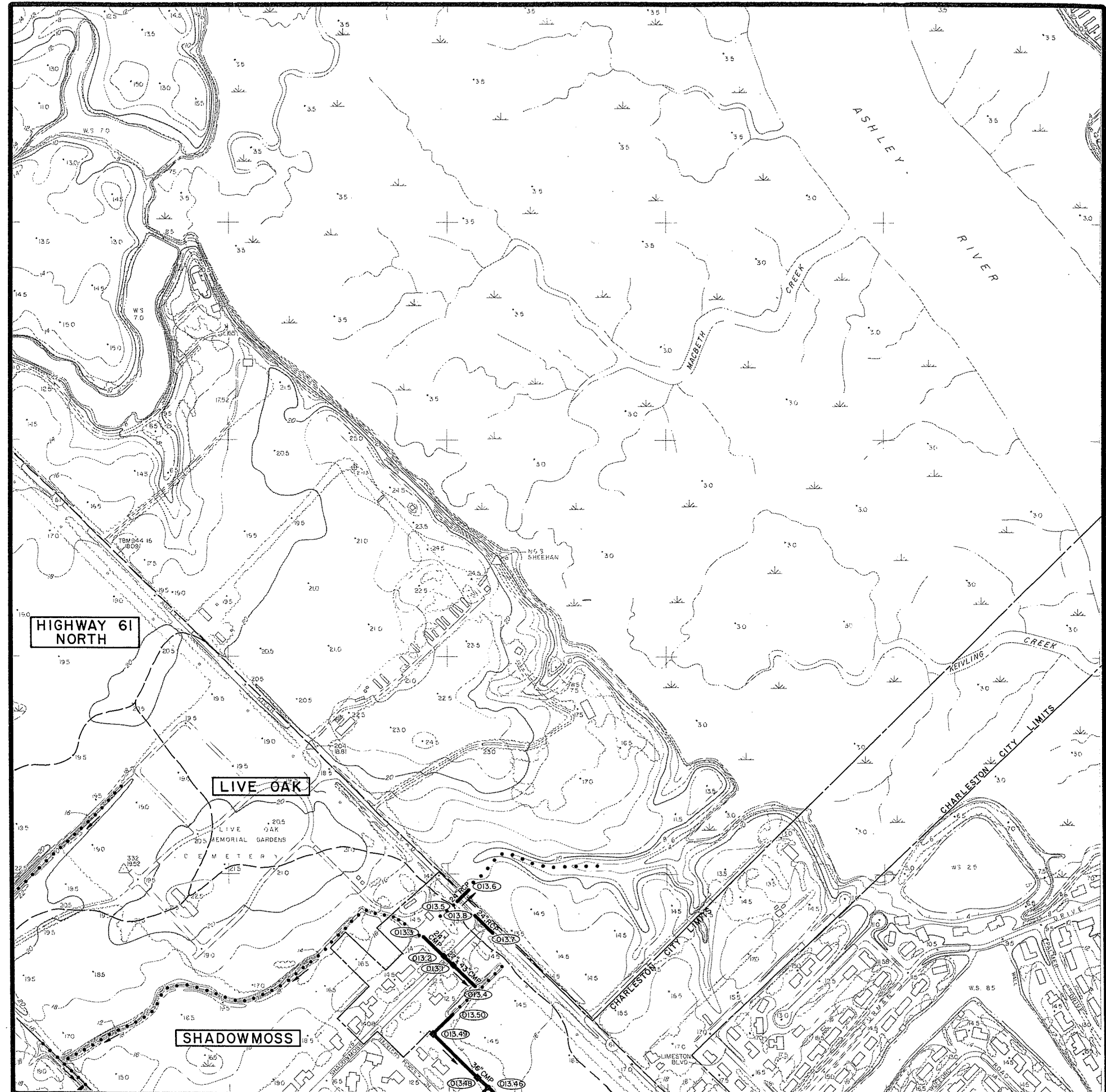
WEST OF THE ASHLEY							
O15	O14						
N15	N14	N13	N12	N11	N10	N9	N8
M15	M14	M13	M12	M11	M10	M9	M8
L15	L14	L13	L12	L11	L10	L9	L8
	K14	K13	K12	K11	K10	K9	K8
	J14	J13	J12	J11	J10	J9	J8
			I11	I10	I9	I8	I7



LEGEND

-  DRAINAGE PIPE
-  DRAINAGE CHANNEL
-  CHARLESTON CITY LIMITS
-  WATERSHED BOUNDARY
-  CROSSCREEK
-  WATERSHED NAME
-  DETENTION BASIN
-  BRIDGE
-  MANHOLE IDENTIFICATION NO.
-  PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500
FEET



<u>SHEET NO.</u>	<u>MANHOLE NO.</u>	<u>PIPE SIZE</u>	<u>INVERT ELEV.</u>	<u>CONDITION</u>
0-14	1	24" CMP (E) 18" CMP (W)	14.22 14.54	C
0-14	2	24" CMP (E) 24" CMP (W)	13.63 13.83	C
0-14	3	24" CMP (E) 24" CMP (W) 18" CMP (S)	12.87 12.87 13.19	C
0-14	4	36" CMP (E) 24" CMP (W)	11.57 11.93	C
0-14	5	36" CMP (E) 36" CMP (W)	11.95 11.84	C
0-14	6	36" CMP (E) 36" CMP (W) 18" (S)	10.50 10.84 11.89	C
0-14	7	4' x 4' BOX	5.26	C
0-14	8	4' x 4' BOX	5.21	C
0-14	9	24" CMP	7.16	C
0-14	10	24" CMP	7.78	C
0-14	11	24" CMP	8.79	C
0-14	12	24" CMP	9.04	C

INVENTORY

MAP 014

existing drainage facilities
CITY OF CHARLESTON

O15		O13	WEST OF THE ASHLEY				
N15	N14	N13	N12	N11	N10	N9	N8
M15	M14	M13	M12	M11	M10	M9	M8
L15	L14	L13	L12	L11	L10	L9	L8
	K14	K13	K12	K11	K10	K9	K8
	J14	J13	J12	J11	J10	J9	J8
				I11	I10	I9	I8
							I7



LEGEND

- DRAINAGE PIPE
- DRAINAGE CHANNEL
- CHARLESTON CITY LIMITS
- WATERSHED BOUNDARY
- CROSSCREEK WATERSHED NAME
- DETENTION BASIN
- BRIDGE
- MANHOLE IDENTIFICATION NO.
- PUMPING STATION

GRAPHIC SCALE 500 0 500 1000 1500 FEET

