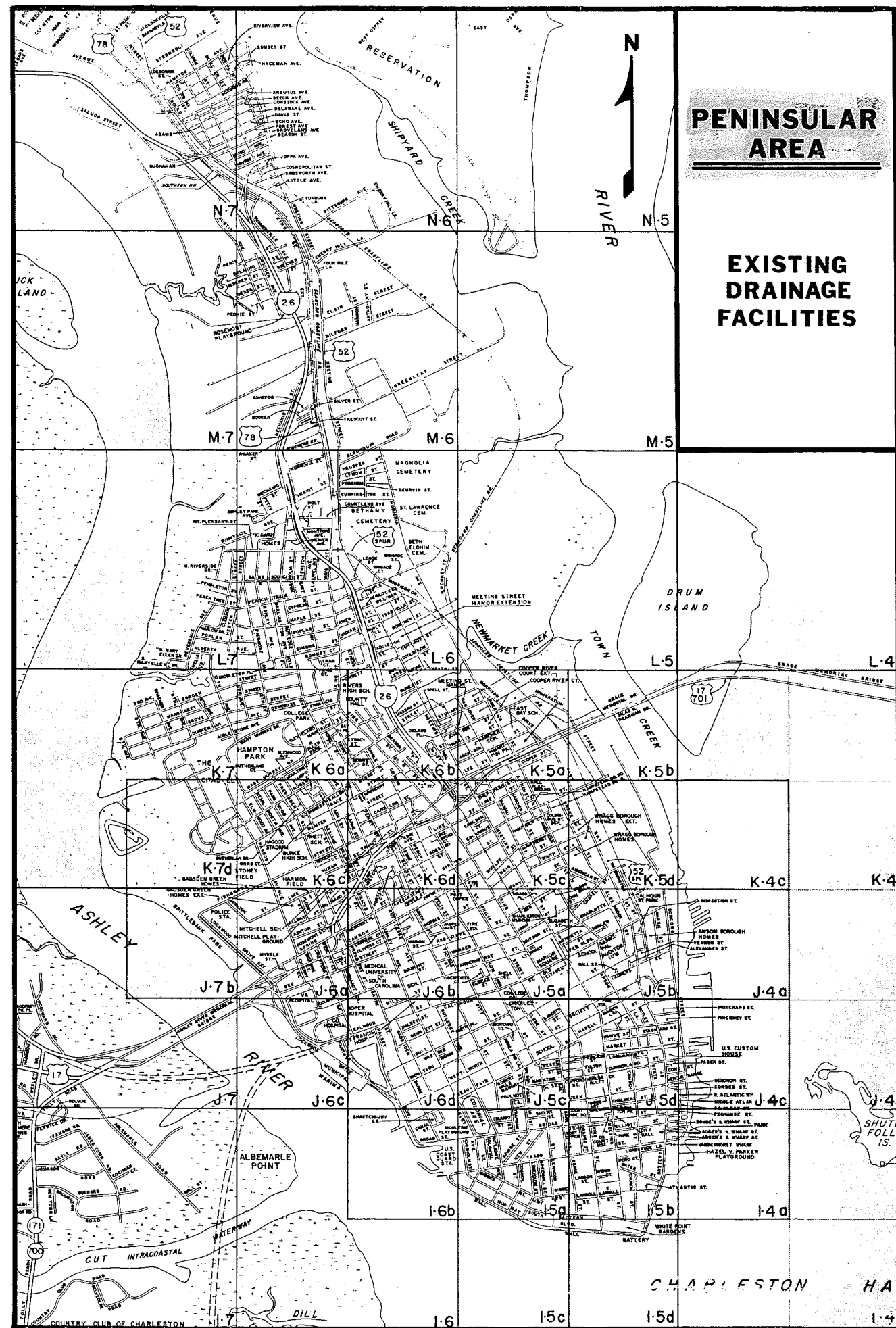


# **APPENDIX A**

## **EXISTING STORMWATER DRAINAGE FACILITIES**

### **ABBREVIATION LEGEND**

**C - CLEAN**  
**FS - FULL OF SAND**  
**HFS - HALF FULL OF SAND**  
**CNO - COULD NOT OPEN**  
**FWT - FULL OF WATER AND TRASH**  
**PO - PAVED OVER**



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                                           | <u>INVERT ELEV.</u>          | <u>CONDITION</u> |
|------------------|--------------------|----------------------------------------------------------------------------|------------------------------|------------------|
| I-5D             | 42                 | 2.0' x 3.5' B.A.                                                           | -0.35                        | C                |
| I-5D             | 42A                |                                                                            | -                            | CNO              |
| I-5D             | 43                 | 1.8' x 3.0' B.A. (S)<br>1.85' x 3.0' B.A. (N)<br>10" VCP (E)               | 0.49<br>0.46<br>2.57         | HFS              |
| I-5D             | 44                 | 10" VCP (W)<br>10" VCP (N)                                                 | 2.36<br>2.26                 | C                |
| I-5D             | 45                 | 2.2' x 2.0' B.A. (S)<br>2.3' x 2.0' B.A. (N)<br>12" VCP (E)<br>12" VCP (W) | 1.26<br>1.23<br>1.70<br>1.74 | C                |
| I-5D             | 48                 | 4.0' x 4.0' B.A.                                                           | 0.16                         | C                |
| I-5D             | 49                 | 10" VCP (N)<br>10" VCP (E)                                                 | 2.73<br>2.63                 | C                |
| I-5D             | 50                 | 10" VCP (W)<br>10" VCP (N)                                                 | 1.16<br>1.06                 | C                |
| I-5D             | 55                 | 2.3' x 4.0' B.A.                                                           | -                            | HFS              |
| I-5D             | 56                 | 2.4' x 4.0' B.A. (N)<br>2.5' x 4.0' B.A. (S)<br>18" RCP (W)                | -0.98<br>-1.09<br>0.17       | HFS              |
| I-5D             | 57                 |                                                                            | -                            | PO               |

# INVENTORY

MAP I5d

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

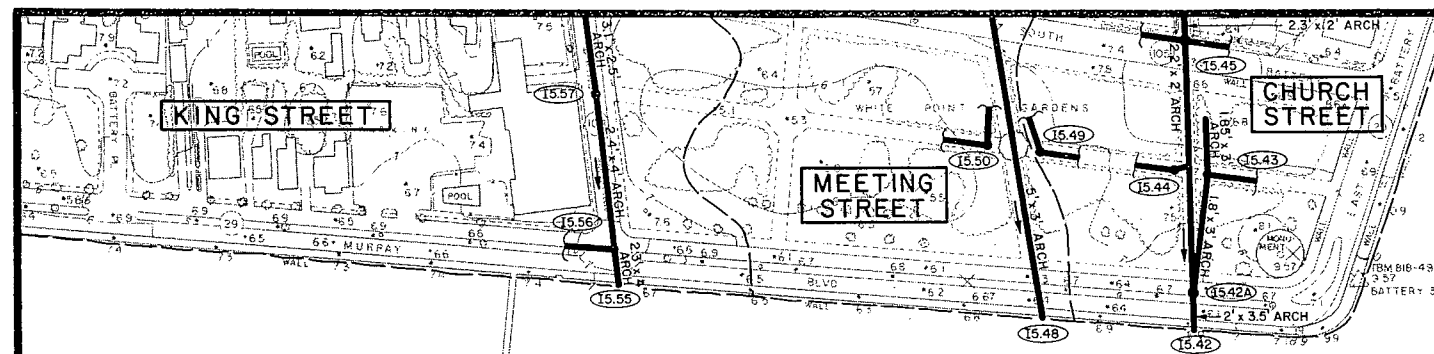
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c |     |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



CHARLESTON HARBOR

WS 2.6

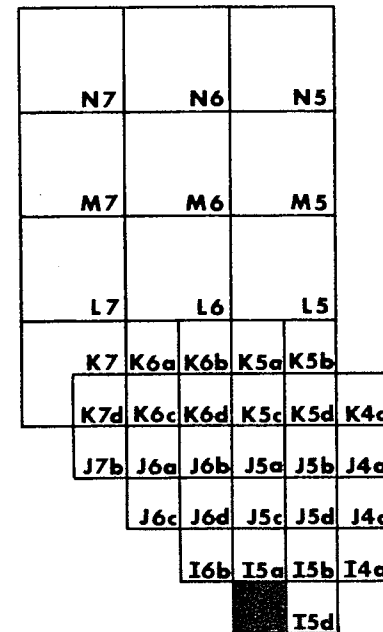
| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| I-5C             | 68                 | 36" CMP          | -1.57               | C                |

# INVENTORY

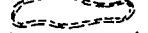
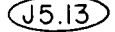
MAP I5c

existing drainage facilities  
CITY OF CHARLESTON

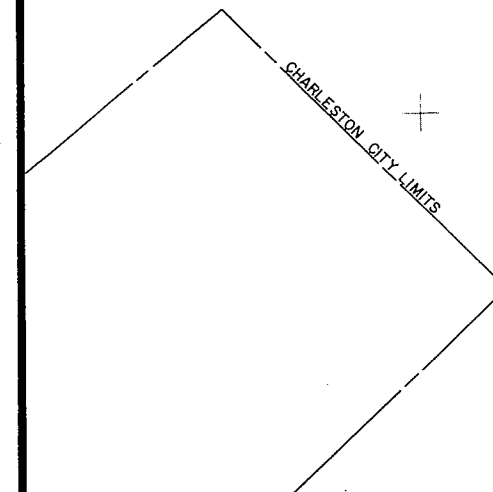
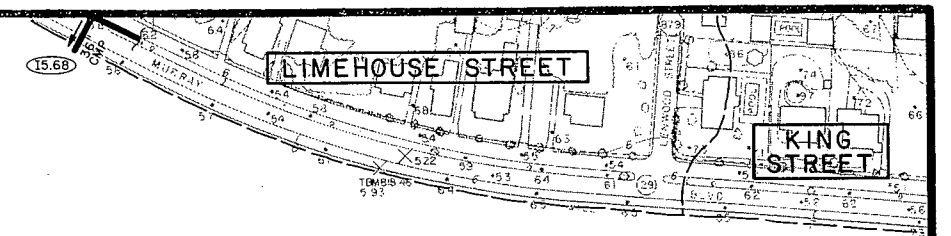
## PENINSULAR AREA



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET





| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| I-4A             | 1                  | 36" RCP          | -0.80               | C                |
| I-4A             | 2                  | 36" RCP (W)      | 0.33                | C                |
|                  |                    | 36" RCP (E)      | 0.30                |                  |
|                  |                    | 15" VCP (N)      | 1.42                |                  |
| I-4A             | 11                 | 36" RCP          | -0.76               | HFS              |

# INVENTORY

MAP I4a

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

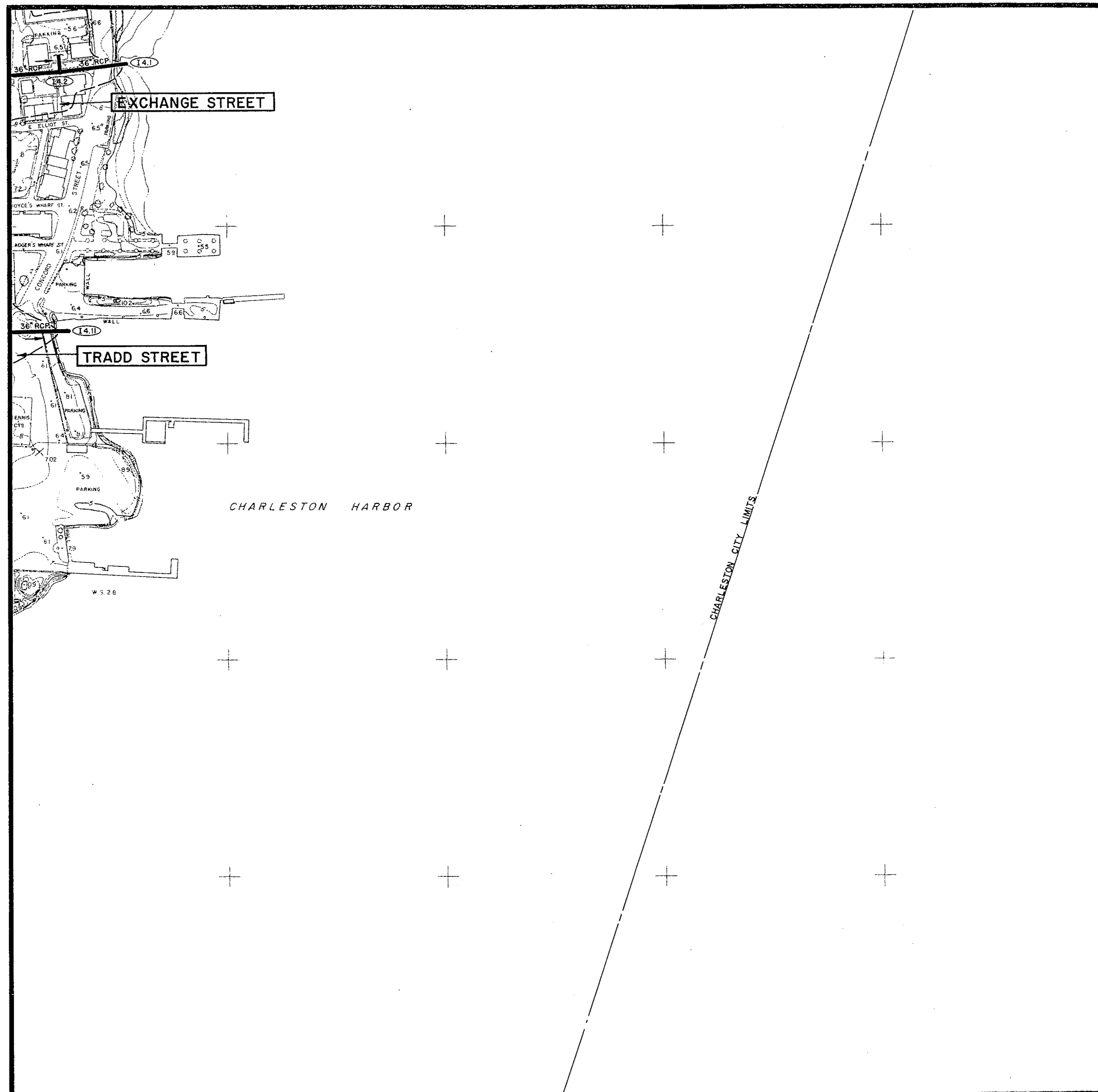
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b |     |
|     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET





| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                | INVERT ELEV.         | CONDITION |
|-----------|-------------|--------------------------------------------------------------------------|----------------------|-----------|
| I-5B      | 3           | 2.0' x 4.0' B.A. (W)<br>36" RCP (E)                                      | 1.68<br>1.68         | HFS       |
| I-5B      | 4           | 24" VCP (W)<br>2.0' x 4.0' B.A. (E)                                      | 3.92<br>3.00         | C         |
| I-5B      | 5           |                                                                          | -                    | PO        |
| I-5B      | 6           |                                                                          | -                    | PO        |
| I-5B      | 7           | 2.6' x 2.8' B.A. (W)<br>2.6' x 2.8' B.A. (E)                             | 7.66<br>7.65         | C         |
| I-5B      | 8           |                                                                          | 3.76                 | C         |
| I-5B      | 9           |                                                                          | -                    | PO        |
| I-5B      | 10          |                                                                          | -                    | PO        |
| I-5B      | 12          |                                                                          | -                    | FS        |
| I-5B      | 13          |                                                                          | -                    | PO        |
| I-5B      | 14          |                                                                          | -                    | PO        |
| I-5B      | 15          |                                                                          | -                    | PO        |
| I-5B      | 16          |                                                                          | -                    | PO        |
| I-5B      | 17          | 0.5' x 2.0' B.A. (N)<br>0.7' x 2.0' B.A. (S)                             | 8.83<br>8.88         | HFS       |
| I-5B      | 18          |                                                                          | -                    | PO        |
| I-5B      | 19          | 4.0' x 3.0' B.A. (N)<br>4.0' x 3.0' B.A. (S)<br>4.0' x 2.5' B.A. (E)     | 0.11<br>0.09<br>1.26 | C         |
| I-5B      | 20          | 3.0' x 3.0' B.A. (N)<br>3.0' x 3.0' B.A. (S)                             | 0.62<br>0.62         | HFS       |
| I-5B      | 21          | 3.4' x 3.0' B.A. (N)<br>3.4' x 3.0' B.A. (S)<br>15" VCP (E)              | 0.64<br>0.64<br>2.43 | C         |
| I-5B      | 22          |                                                                          | -                    | PO        |
| I-5B      | 23          | 2.5' x 3.5' B.A. (N)<br>1.25' x 1.25' B.A. (E)<br>1.25' x 1.25' B.A. (W) | 3.93<br>3.93<br>3.93 | C         |
| I-5B      | 24          | 2.6' x 2.2' B.A. (N)<br>2.6' x 2.2' B.A. (S)                             | 5.16<br>5.16         | C         |
| I-5B      | 25          | 2.7' x 2.2' B.A. (N)<br>2.7' x 2.2' B.A. (S)                             | 5.79<br>5.79         | C         |
| I-5B      | 26          | 3.1' x 2.3' B.A. (S)<br>24" VCP (N)                                      | 5.85<br>5.90         | C         |
| I-5B      | 27          | 2.5' x 3.0' B.A. (W)<br>2.5' x 3.0' B.A. (E)                             | 3.17<br>3.20         | C         |
| I-5B      | 28          |                                                                          | -                    | PO        |
| I-5B      | 29          | 12" VCP (N)<br>1.6' x 2.2' B.A. (S)                                      | 4.61<br>4.96         | HFS       |
| I-5B      | 30          | 36" Brick Pipe                                                           | 1.20                 | HFS       |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                            | INVERT ELEV.           | CONDITION |
|-----------|-------------|----------------------------------------------------------------------|------------------------|-----------|
| I-5B      | 31          |                                                                      | -                      | PO        |
| I-5B      | 32          |                                                                      | -                      | PO        |
| I-5B      | 33          |                                                                      | -                      | PO        |
| I-5B      | 34          | 3.5' x 2.2' B.A. (W)<br>3.5' x 2.2' B.A. (E)<br>3.5' x 2.2' B.A. (N) | -0.34<br>-0.44<br>-    | HFS       |
| I-5B      | 35          |                                                                      | -                      | PO        |
| I-5B      | 36          |                                                                      | -                      | PO        |
| I-5B      | 37          |                                                                      | -                      | PO        |
| I-5B      | 38          |                                                                      | -                      | PO        |
| I-5B      | 39          | 4.0' x 3.0' B.A. (N)<br>4.0' x 3.0' B.A. (S)                         | -0.80                  | C         |
| I-5B      | 40          |                                                                      | -                      | PO        |
| I-5B      | 41          | 3.0' x 2.2' B.A. (N)<br>3.4' x 2.2' B.A. (S)<br>12" VCP (E)          | 3.16<br>2.61<br>2.72   | C         |
| I-5B      | 46          | 2.5' x 2.7' B.A. (N)<br>2.5' x 3.2' B.A. (S)<br>2.5' x 3.5' B.A. (E) | 5.38<br>5.86<br>6.08   | C         |
| I-5B      | 47          |                                                                      | -                      | PO        |
| I-5B      | 51          | 5.0' x 3.0' B.A. (S)<br>5.0' x 3.0' B.A. (N)<br>12" VCP (W)          | -0.89<br>-0.87<br>0.47 | C         |
| I-5B      | 52          |                                                                      | -                      | PO        |
| I-5B      | 53          |                                                                      | -                      | PO        |
| I-5B      | 54          |                                                                      | -                      | PO        |
| I-5B      | 58          | 2.9' x 2.5' B.A. (N)<br>3.1' x 2.5' B.A. (S)                         | -0.48<br>-0.69         | C         |
| I-5B      | 59          |                                                                      | -                      | PO        |
| I-5B      | 60          |                                                                      | -                      | FWT       |
| I-5B      | 61          | 12" VCP (E)<br>12" VCP (W)                                           | 1.47<br>1.47           | C         |
| I-5B      | 62          | 2.9' x 2.5' B.A. (S)<br>2.7' x 2.5' B.A. (N)                         | 1.41<br>1.38           | C         |
| I-5B      | 63          | 3.7' x 2.5' B.A. (N)<br>3.6' x 2.5' B.A. (S)<br>12" VCP (E)          | 1.37<br>1.42<br>3.89   | C         |
| I-5B      | 64          | 3.5' x 2.5' B.A. (N)<br>3.3' x 2.5' B.A. (S)<br>2.5' x 2.0' B.A. (E) | 2.15<br>2.23<br>2.28   | C         |
| I-5B      | 65          | 1.5' x 2.0' B.A. (E)<br>1.35' x 2.0' B.A. (W)                        | 5.07<br>5.02           | C         |
| I-5B      | 66          | 18" VCP                                                              | -1.04                  | C         |
| I-5B      | 67          | 18" VCP                                                              | -0.82                  | C         |

# INVENTORY

MAP I5b

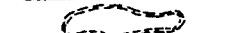
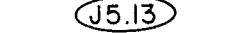
existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

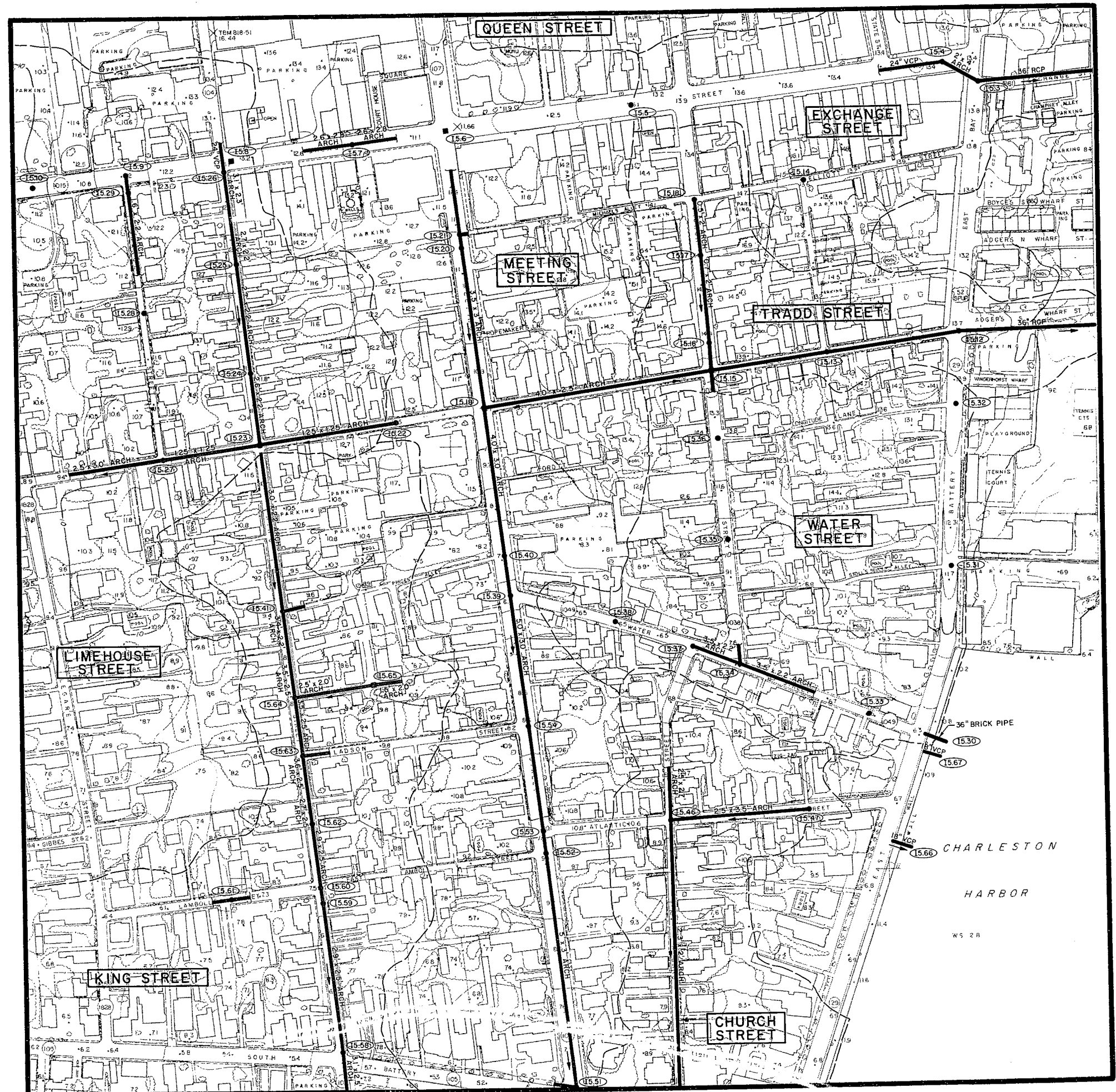
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a |     | I4a |
|     |     |     | I5c | I5d |     |

N

## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                                           | <u>INVERT ELEV.</u>              | <u>CONDITION</u> |
|------------------|--------------------|----------------------------------------------------------------------------|----------------------------------|------------------|
| I-5A             | 69                 | 4.0' x 4.0' B.A. (N)<br>4.0' x 4.0' B.A. (S)<br>18" VCP (E)<br>18" VCP (W) | -1.72<br>-1.73<br>-1.59<br>-1.59 | C                |
| I-5A             | 70                 | 4.0' x 4.0' B.A. (N)<br>4.0' x 4.0' B.A. (S)<br>18" VCP (E)<br>18" VCP (W) | -1.67<br>-1.67<br>-0.94<br>-1.08 | C                |
| I-5A             | 71                 | 4.0' x 4.0' B.A. (N)<br>4.0' x 4.0' B.A. (S)<br>18" VCP (E)<br>18" VCP (W) | -1.31<br>-1.41<br>-0.81<br>-0.86 | C                |
| I-5A             | 72                 | 3.5' x 3.0' B.A. (E)<br>3.5' x 3.0' B.A. (S)<br>18" VCP (W)                | -1.50<br>-1.50<br>-0.38          | C                |
| I-5A             | 73                 | 4.1' x 3.0' B.A. (N)<br>4.0' x 3.0' B.A. (S)                               | 0.35<br>0.34                     | C                |
| I-5A             | 74                 |                                                                            | -                                | PO               |
| I-5A             | 75                 |                                                                            | -                                | PO               |
| I-5A             | 76                 | 3.0' x 5.0' B.A. (N)<br>3.0' x 5.0' B.A. (S)<br>24" VCP (E)<br>24" VCP (W) | -0.66<br>-0.77<br>0.53<br>0.49   | C                |
| I-5A             | 77                 |                                                                            | -                                | PO               |
| I-5A             | 78                 |                                                                            | -                                | PO               |
| I-5A             | 79                 |                                                                            | -                                | PO               |
| I-5A             | 80                 | 3.4' x 3.0' B.A. (N)<br>3.7' x 3.0' B.A. (S)                               | 0.95<br>1.04                     | C                |
| I-5A             | 81                 |                                                                            | -                                | PO               |
| I-5A             | 82                 | 30" VCP                                                                    | -2.74                            | C                |

| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                            | <u>INVERT ELEV.</u>          | <u>CONDITION</u> |
|------------------|--------------------|-------------------------------------------------------------|------------------------------|------------------|
| I-5A             | 83                 |                                                             | -                            | PO               |
| I-5A             | 84                 | 24" VCP (N)<br>24" VCP (S)                                  | -2.73<br>-3.13               | HFS              |
| I-5A             | 85                 | 24" VCP (N)<br>24" VCP (S)                                  | -3.65<br>-3.68               | HFS              |
| I-5A             | 86                 | 24" VCP (N)<br>24" VCP (S)                                  | -2.28<br>-2.28               | C                |
| I-5A             | 87                 |                                                             | -                            | PO               |
| I-5A             | 88                 | 24" VCP (N)<br>24" VCP (S)                                  | -2.15<br>-2.65               | C                |
| I-5A             | 89                 | 24" VCP (N)<br>24" VCP (S)<br>24" VCP (E)<br>18" VCP (W)    | -1.94<br>-1.96<br>-2.04<br>- | C                |
| I-5A             | 90                 |                                                             | -                            | PO               |
| I-5A             | 91                 | 24" VCP (E)<br>24" VCP (W)<br>18" VCP (N)                   | -1.14<br>-1.13<br>-0.79      | C                |
| I-5A             | 92                 |                                                             | -                            | PO               |
| I-5A             | 93                 | 24" VCP (W)<br>24" VCP (E)                                  | -0.61<br>-0.56               | HFS              |
| I-5A             | 94                 | 42" RCP (E)<br>42" RCP (W)                                  | -0.11<br>-0.11               | C                |
| I-5A             | 95                 | 3.9' x 4.0' B.A. (E)<br>3.8' x 4.0' B.A. (W)<br>12" VCP (S) | -0.82<br>-0.47<br>-0.43      | C                |
| I-5A             | 96                 | 4.2' x 4.0' B.A.                                            | -0.36                        | C W/TIDE GATE    |

# INVENTORY

**MAP I5a**

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  | N7  |     | N6  |     | N5  |     |
|  |     |     |     |     |     |     |
|  | M7  |     | M6  |     | M5  |     |
|  |     |     |     |     |     |     |
|  | L7  |     | L6  |     | L5  |     |
|  | K7  | K6a | K6b | K5a | K5b |     |
|  | K7d | K6c | K6d | K5c | K5d | K4c |
|  | J7b | J6a | J6b | J5a | J5b | J4a |
|  |     | J6c | J6d | J5c | J5d | J4c |
|  |     |     | I6b |     | I5b | I4a |
|  |     |     |     | I5c | I5d |     |



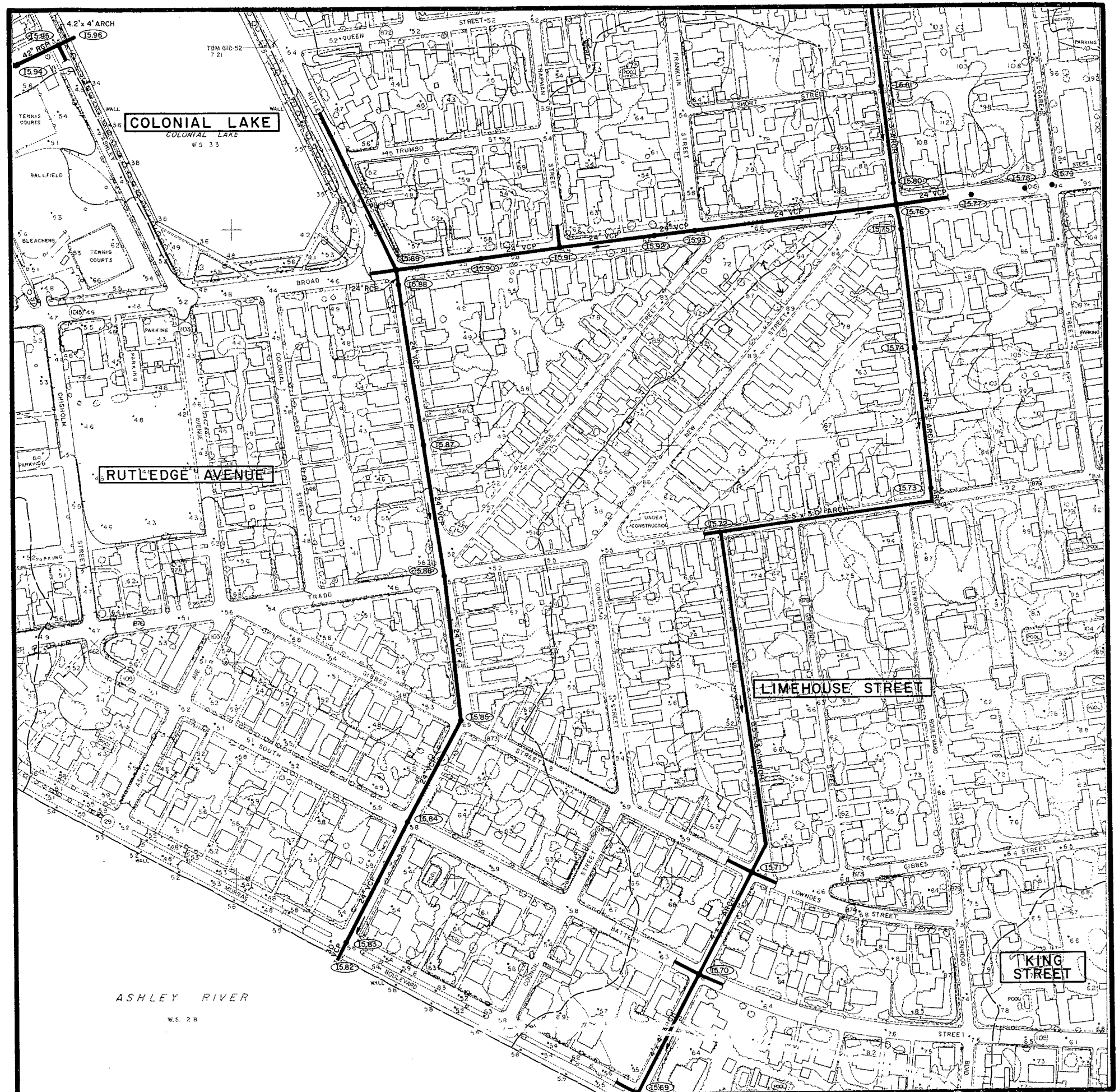
## LEGEND

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

GRAPHIC SCALE

250 0 250 500 750

FEET



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                          | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|-----------------------------------------------------------|---------------------|------------------|
| I-6B             | 1                  | 10" CIP                                                   | 3.73                | C                |
| I-6B             | 2                  | 36" ALUM.                                                 | -1.29               | C                |
| I-6B             | 3                  | 36" ALUM.                                                 | -1.60               | C                |
| I-6B             | 4                  | 42" RCP                                                   | -0.25               | C                |
| I-6B             | 5                  | 42" RCP (E)<br>42" RCP (W)                                | -1.89<br>-1.68      | C                |
| I-6B             | 6                  |                                                           | -                   | PO               |
| I-6B             | 7                  | 42" RCP (E)<br>42" RCP (W)                                | -1.12<br>-1.12      | C                |
| I-6B             | 8                  | 5.0' x 5.0' RC BOX                                        | -2.91               | HFS (tide gate)  |
| I-6B             | 9                  |                                                           | -                   | CNO              |
| I-6B             | 10                 | 4.0' x 5.0' Box (W)<br>4.0' x 5.0' Box (E)<br>15" RCP (N) | -2.53<br>-<br>-     | C                |
| I-6B             | 11                 |                                                           | -                   | PO               |
| I-6B             | 12                 |                                                           | -                   | PO               |
| I-6B             | 13                 |                                                           | -                   | FWT              |

# INVENTORY

MAP I6b

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

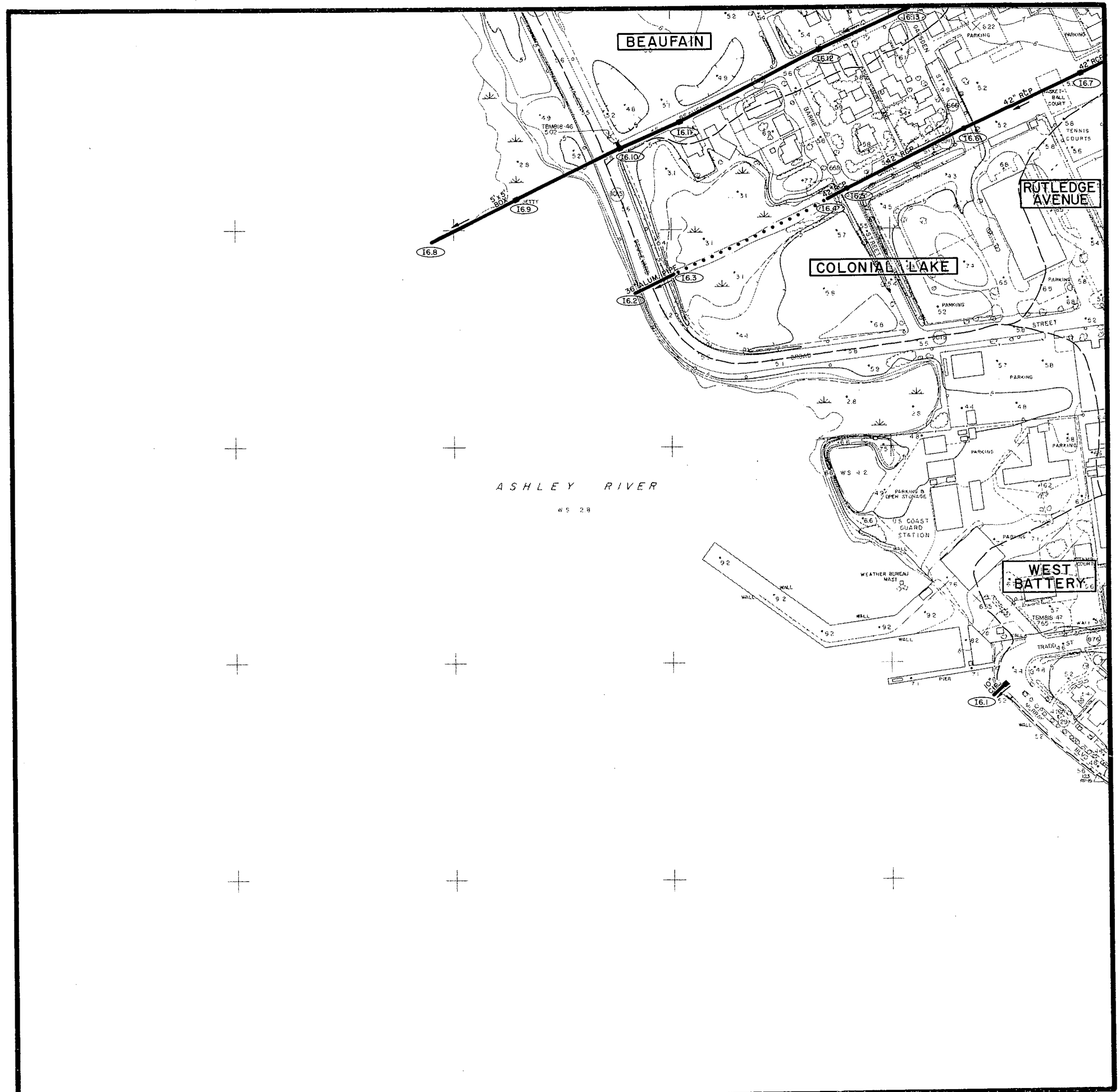
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     |     | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET





| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>     | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|----------------------|---------------------|------------------|
| J-4C             | 1                  | 48" CMP              | -4.63               | HFS              |
| J-4C             | 1A                 | 18" x 29" CMP (N)    | 0.81                | C                |
|                  |                    | 48" CMP (E)          | -3.54               |                  |
|                  |                    | 48" RCP (S)          | -3.44               |                  |
| J-4C             | 2                  | 48" RCP (N)          | -3.34               | HFS              |
|                  |                    | 4.0' x 4.0' B.A. (S) | -1.92               |                  |
| J-4C             | 3                  | 4.0' x 4.0' B.A. (E) | -2.15               | HFS              |
|                  |                    | 5.0' x 4.0' B.A. (W) | -1.37               |                  |
|                  |                    | 15" RCP (N)          | 2.04                |                  |
|                  |                    | 15" RCP (S)          | 1.23                |                  |
| J-4C             | 4                  | 18" x 29" CMP        | 0.82                | C                |
|                  |                    | 18" x 29" CMP        | 0.82                |                  |
| J-4C             | 5                  |                      | -                   | FWT              |
| J-4C             | 6                  | 6.6' x 20.0' B.A.    | 0.39                | HFS              |
| J-4C             | 7                  | 4.2' x 2.5' B.A. (E) | -3.80               | C                |
|                  |                    | 4.3' x 2.5' B.A. (W) | -3.57               |                  |
|                  |                    | 15" RCP (N)          | 0.59                |                  |
| J-4C             | 8                  |                      | -                   | P0               |
| J-4C             | 9                  | 18" x 29" CMP        | 1.05                | C                |
| J-4C             | 10                 | 24" CMP              | 0.67                | C                |
| J-4C             | 11                 | 18" x 29" CMP (E)    | -0.16               | C                |
|                  |                    | 18" x 29" CMP (W)    | -0.16               |                  |



# INVENTORY

MAP J4c

## existing drainage facilities CITY OF CHARLESTON

### PENINSULAR AREA

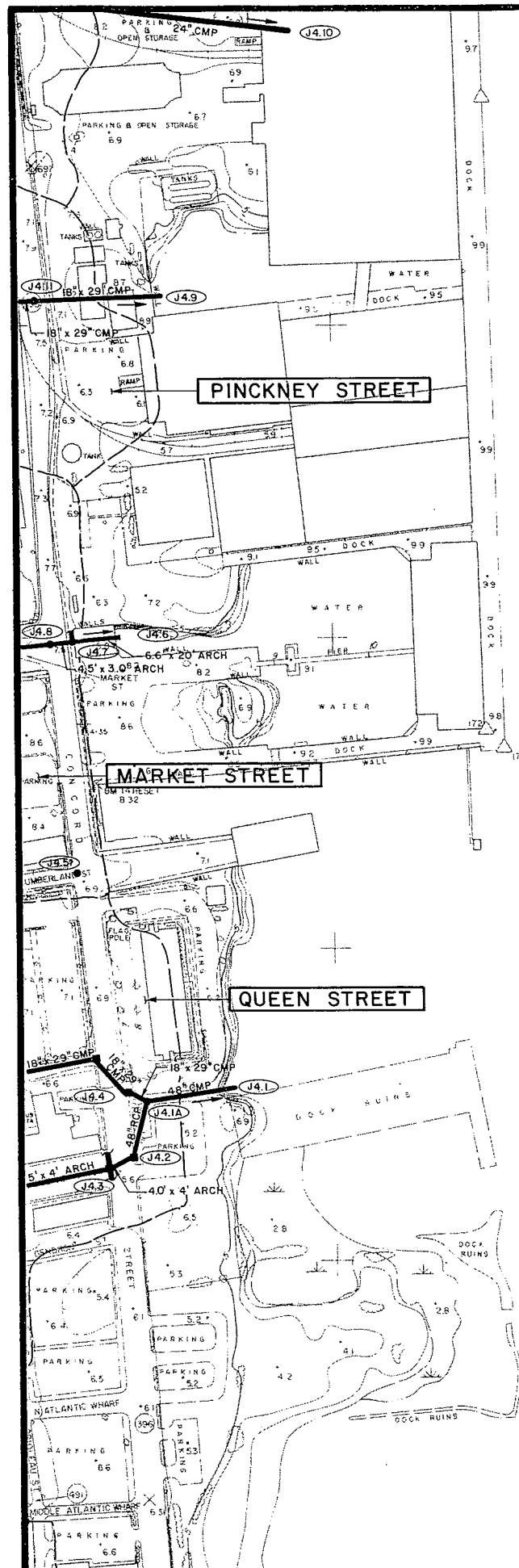
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d |     |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



### LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



CHARLESTON CITY LIMITS



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                  | INVERT ELEV.                 | CONDITION                          | SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                    | INVERT ELEV.                    | CONDITION | SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                    | INVERT ELEV.                         | CONDITION                             |
|-----------|-------------|----------------------------------------------------------------------------|------------------------------|------------------------------------|-----------|-------------|----------------------------------------------------------------------------------------------|---------------------------------|-----------|-----------|-------------|----------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|
| J-5D      | 1           | 3.0' x 4.0' B.A. (E)<br>2.2' x 4.0' B.A. (W)<br>18" RCP (S)                | -0.15<br>0.22<br>0.05        | C                                  | J-5D      | 25          | -                                                                                            | -                               | PO        | J-5D      | 52          | 24" VCP (E)<br>24" VCP (W)                                                                   | -0.27<br>-0.31                       | C                                     |
| J-5D      | 2           | 4.0' x 4.0' B.A. (E)<br>4.0' x 4.0' B.A. (W)<br>3.1' x 3.4' B.A. (N)       | -0.59<br>-0.57<br>-0.06      | C                                  | J-5D      | 26          | 3.0' x 2.5' B.A. (E)<br>2.2' x 2.5' B.A. (W)<br>24" VCP (S)                                  | -0.89<br>-0.26<br>-             | FS        | J-5D      | 53          | 24" VCP (E)<br>24" VCP (W)                                                                   | 1.61<br>-0.09                        | C                                     |
| J-5D      | 3           | 4.0' x 2.5' B.A. (E)<br>4.4' x 2.5' B.A. (W)<br>12" VCP (N)<br>12" VCP (S) | 0.83<br>0.89<br>4.75<br>4.96 | C                                  | J-5D      | 27          | -                                                                                            | -                               | PO        | J-5D      | 54          | 18" VCP (E)<br><br>18" VCP (W)<br>12" VCP (N)<br>12" VCP (S)                                 | -<br><br>-<br>3.25<br>2.97           | 18" VCP does not<br>open in M.H.<br>C |
| J-5D      | 4           | 3.7' x 2.5' B.A. (E)<br>3.7' x 2.5' B.A. (W)<br>10" VCP (N)                | 2.11<br>2.30<br>2.80         | C                                  | J-5D      | 28          | -                                                                                            | -                               | PO        | J-5D      | 55          | -                                                                                            | -                                    | FS                                    |
| J-5D      | 5           | 4.0' x 2.5' B.A. (E)<br>4.0' x 2.5' B.A. (W)<br>18" VCP (S)                | 1.59<br>1.59<br>1.59         | C                                  | J-5D      | 29          | 2.9' x 2.5' B.A. (E)<br>1.5' x 2.5' B.A. (W)<br>18" VCP (N)<br>18" VCP (S)                   | -1.01<br>0.00<br>-0.16<br>-0.16 | HFS       | J-5D      | 56          | -                                                                                            | -                                    | FS                                    |
| J-5D      | 6           | 2.3' x 2.8' B.A. (N)<br>12" VCP (S)<br>18" VCP (E)<br>12" VCP (W)          | 5.39<br>5.60<br>5.83<br>6.08 | C                                  | J-5D      | 30          | -                                                                                            | -                               | PO        | J-5D      | 57          | 2.9' x 2.5' B.A. (E)<br>12" VCP (W)                                                          | -<br>-                               | C                                     |
| J-5D      | 7           | 2.8' x 2.5' B.A. (E)<br>24" VCP (W)                                        | 2.69<br>1.77                 | C                                  | J-5D      | 31          | -                                                                                            | -                               | PO        | J-5D      | 58          | 3.0' x 2.5' B.A. (E)<br>3.0' x 2.5' B.A. (W)                                                 | 3.89<br>3.91                         | C                                     |
| J-5D      | 8           | 2.1' x 3.0' B.A. (N)<br>2.1' x 3.0' B.A. (S)                               | 1.87<br>1.86                 | C                                  | J-5D      | 32          | 24" VCP (E)<br>24" VCP (W)<br>18" VCP (N)                                                    | -1.53<br>-1.15<br>-0.37         | FWT       | J-5D      | 59          | 2.5' x 2.4' B.A. (E)<br>2.5' x 2.4' B.A. (W)<br>18" VCP (N)<br>12" VCP (S)<br>12" VCP (S/W)  | 3.55<br>3.92<br>3.13<br>3.36<br>3.82 | C                                     |
| J-5D      | 8A          | 4.2' x 2.5' B.A. (E)<br>24" VCP (W)                                        | 1.45<br>2.17                 | C                                  | J-5D      | 33          | 24" VCP (E)<br>24" VCP (W)                                                                   | -1.27<br>-1.21                  | C         | J-5D      | 60          | 2.6' x 2.5' B.A. (E)<br>2.6' x 2.5' B.A. (W)                                                 | 5.40<br>5.38                         | C                                     |
| J-5D      | 9           | -                                                                          | -                            | PO                                 | J-5D      | 34          | 18" VCP (N)<br>24" VCP (E)<br>18" VCP (S)<br>18" VCP (W)                                     | 0.86<br>-1.25<br>0.95<br>-0.92  | C         | J-5D      | 61          | 3.0' x 5.0' B.A. (N)<br>3.0' x 5.0' B.A. (S)<br>2.5' x 4.0' B.A. (E)<br>2.5' x 4.0' B.A. (W) | 3.56<br>3.56<br>3.96<br>3.97         | C                                     |
| J-5D      | 10          | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (N)                                  | 2.87<br>2.93<br>7.62         | C                                  | J-5D      | 35          | 0.1' x 2.5' B.A. (E)<br>18" VCP (S)<br>0.9' x 2.5' B.A. (W)<br>18" VCP (N)                   | 1.56<br>1.33<br>1.42<br>1.33    | FS        | J-5D      | 62          | 3.5' x 1.5' B.A. (E)<br>3.5' x 2.0' B.A. (S)<br>3.5' x 2.0' B.A. (N)                         | 1.64<br>0.66<br>1.07                 | C                                     |
| J-5D      | 11          | 24" VCP (E)<br>24" VCP (W)<br>24" VCP (N)                                  | 3.21<br>3.38<br>3.32         | C                                  | J-5D      | 36          | 3.0' x 5.0' B.A. (N)<br>3.0' x 5.0' B.A. (S)<br>18" VCP (E)                                  | 3.66<br>3.64<br>-               | FS        | J-5D      | 63          | 2.5' x 2.5' B.A. (W)<br>18" VCP (E)<br>18" VCP (N)                                           | 2.60<br>2.19<br>6.35                 | C                                     |
| J-5D      | 12          | 24" VCP (S)<br>2.2' x 2.0' B.A. (W)                                        | 3.62<br>3.47                 | C                                  | J-5D      | 37          | -                                                                                            | -                               | PO        | J-5D      | 64          | -                                                                                            | -                                    | PO                                    |
| J-5D      | 13          | 2.5' x 2.0' B.A. (E)<br>2.5' x 2.0' B.A. (S)<br>24" VCP (W)                | 3.26<br>3.36<br>3.06         | C                                  | J-5D      | 38          | -                                                                                            | -                               | PO        | J-5D      | 65          | 2.8' x 2.5' B.A. (E)<br>2.7' x 2.5' B.A. (W)                                                 | 5.98<br>6.18                         | C                                     |
| J-5D      | 14          | -                                                                          | -                            | PO                                 | J-5D      | 39          | 3.0' x 3.0' B.A. (E)<br>3.0' x 3.0' B.A. (W)<br>2.5' x 3.0' B.A. (S)<br>2.5' x 3.0' B.A. (N) | 3.42<br>3.40<br>0.82<br>1.14    | C         | J-5D      | 66          | 3.0' x 2.5' B.A. (E)<br>2.8' x 2.5' B.A. (W)                                                 | 6.25<br>6.42                         | C                                     |
| J-5D      | 15          | -                                                                          | -                            | PO                                 | J-5D      | 40          | 2.8' x 2.5' B.A. (E)<br>2.9' x 2.5' B.A. (W)<br>15" RCP (S)                                  | 4.12<br>4.35<br>4.32            | C         | J-5D      | 67          | Fire well (abandoned)                                                                        | -                                    |                                       |
| J-5D      | 16          | 24" VCP (E)<br>24" VCP (W)<br>18" VCP (S)                                  | 3.66<br>3.78<br>5.64         | C                                  | J-5D      | 41          | 3.1' x 2.5' B.A. (E)<br>3.1' x 2.5' B.A. (W)                                                 | 4.24<br>4.17                    | C         | J-5D      | 68          | -                                                                                            | -                                    | PO                                    |
| J-5D      | 17          | 4.8' x 2.5' B.A. (E)<br>4.1' x 2.5' B.A. (W)<br>12" VCP (N)                | -3.64<br>-3.24<br>0.30       | C                                  | J-5D      | 42          | 2.5' x 2.5' B.A. (N)<br>2.5' x 2.5' B.A. (S)<br>2.5' x 2.5' B.A. (W)                         | 7.93<br>8.41<br>8.40            | HFS       | J-5D      | 69          | 18" VCP (E)<br>18" VCP (W)                                                                   | 5.43<br>4.96                         | C                                     |
| J-5D      | 18          | B.A. (E)<br>B.A. (W)<br>18" VCP (S)                                        | -3.63<br>-4.03<br>3.16       | FWT<br><br>Tide gate on<br>18" VCP | J-5D      | 43          | -                                                                                            | -                               | PO        | J-5D      | 132         | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (N)<br>12" VCP (S)                                     | 3.21<br>3.22<br>-<br>-               | C                                     |
| J-5D      | 19          | 5.0' x 3.0' B.A. (E)<br>5.0' x 3.0' B.A. (W)                               | -2.09<br>-2.14               | C                                  | J-5D      | 44          | -                                                                                            | -                               | PO        | J-5D      | 133         | 1.3' x 3.0' B.A. (N)<br>1.5' x 3.0' B.A. (S)<br>24" VCP (E)<br>18" VCP (W)                   | 2.67<br>2.28<br>2.22<br>2.62         | HFS                                   |
| J-5D      | 20          | 3.7' x 3.0' B.A. (E)<br>3.7' x 3.0' B.A. (W)                               | -1.13<br>-0.93               | C                                  | J-5D      | 45          | 2.5' x 2.5' B.A. (N)<br>2.5' x 2.5' B.A. (S)<br>24" VCP (E)                                  | 6.78<br>7.04<br>6.54            | HFS       | J-5D      | 136         | 5.0' x 2.5' B.A. (N)<br>5.0' x 2.5' B.A. (E)<br>5.0' x 3.5' B.A. (W)<br>5.0' x 3.5' B.S. (S) | 3.07<br>3.07<br>3.07<br>-            | C                                     |
| J-5D      | 21          | -                                                                          | -                            | FS                                 | J-5D      | 46          | 3.2' x 2.5' B.A. (E)<br>2.9' x 2.5' B.A. (W)                                                 | 6.89<br>7.20                    | C         |           |             |                                                                                              |                                      |                                       |
| J-5D      | 22          | -                                                                          | -                            | FWI                                | J-5D      | 47          | -                                                                                            | -                               | PO        |           |             |                                                                                              |                                      |                                       |
| J-5D      | 23          | -                                                                          | -                            | FWT                                | J-5D      | 48          | -                                                                                            | -                               | PO        |           |             |                                                                                              |                                      |                                       |
| J-5D      | 24          | -                                                                          | -                            | FWT                                | J-5D      | 49          | 24" VCP (E)<br>24" VCP (W)<br>15" VCP (S)                                                    | -1.82<br>-1.69<br>-0.10         | C         |           |             |                                                                                              |                                      |                                       |
|           |             |                                                                            |                              |                                    | J-5D      | 50          | 24" VCP (E)<br>24" VCP (W)                                                                   | -1.37<br>-1.24                  | C         |           |             |                                                                                              |                                      |                                       |

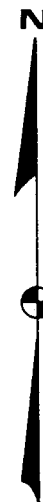
# INVENTORY

MAP J5d

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c |     | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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

## GRAPHIC SCALE



| SHEET NO. | MANHOLE NO. | PIPE SIZE              | INVERT ELEV. | CONDITION |
|-----------|-------------|------------------------|--------------|-----------|
| J-5C      | 70          | 4.2' x 3.0' B.A. (N)   | 0.25         | C         |
|           |             | 5.0' x 3.0' B.A. (S)   | -0.75        |           |
|           |             | 15" VCP (W)            | 0.99         |           |
|           |             | 24" VCP (E)            | 3.55         |           |
| J-5C      | 71          |                        | -            | P0        |
| J-5C      | 72          | 24" VCP (E)            | 4.05         | C         |
|           |             | 24" VCP (W)            | 4.21         |           |
|           |             | 15" VCP (N)            | 4.21         |           |
| J-5C      | 73          |                        | -            | P0        |
| J-5C      | 74          | 3.0' x 5.0' B.A. (N)   | -0.03        | C         |
|           |             | 3.0' x 5.0' B.A. (S)   | -0.86        |           |
|           |             | 18" VCP (E)            | -0.86        |           |
| J-5C      | 75          | 3.0' x 5.0' B.A. (N)   | -0.89        | HFS       |
|           |             | 3.0' x 5.0' B.A. (S)   | -0.89        |           |
| J-5C      | 76          | 1.6' x 3.0' B.A. (N)   | 2.71         | HFS       |
|           |             | 1.8' x 3.0' B.A. (S)   | 2.41         |           |
| J-5C      | 77          | 24" VCP (W)            | 3.33         | C         |
|           |             | 24" VCP (E)            | 3.26         |           |
| J-5C      | 78          | 24" VCP (W)            | 4.10         | C         |
| J-5C      | 79          | 2.1' x 2.2' B.A. (E)   | 6.44         | C         |
|           |             | 18" VCP (W)            | 6.33         |           |
| J-5C      | 80          | 3.0' x 3.0' B.A. (N)   | 2.41         | HFS       |
|           |             | 3.0' x 3.0' B.A. (S/E) | 2.44         |           |
|           |             | 24" VCP (W)            | 2.44         |           |
| J-5C      | 81          |                        | -            | P0        |
| J-5C      | 82          |                        | -            | P0        |
| J-5C      | 83          |                        | -            | P0        |
| J-5C      | 84          | 18" VCP (N)            | -0.07        | C         |
|           |             | 18" VCP (S)            | 0.13         |           |
|           |             | 30" VCP (E)            | -1.94        |           |
|           |             | 30" VCP (W)            | -2.22        |           |
| J-5C      | 85          | 30" VCP (E)            | -1.59        | C         |
|           |             | 30" VCP (W)            | -1.59        |           |
| J-5C      | 86          | 18" VCP (E)            | -0.98        | C         |
|           |             | 30" VCP (W)            | -0.91        |           |
|           |             | 12" VCP (N)            | -0.15        |           |
|           |             | 15" VCP (S)            | -1.55        |           |
| J-5C      | 87          | 24" VCP (W)            | 0.41         | C         |
|           |             | 18" VCP (S)            | 1.52         |           |
|           |             | 18" VCP (N)            | -            |           |
|           |             | 15" VCP (E)            | -            |           |

| SHEET NO. | MANHOLE NO. | PIPE SIZE              | INVERT ELEV. | CONDITION |
|-----------|-------------|------------------------|--------------|-----------|
| J-5C      | 88          | 1.6' x 3.0' B.A. (N)   | 0.88         | C         |
|           |             | 1.6' x 3.0' B.A. (S)   | 0.98         |           |
| J-5C      | 89          | 3.0' x 5.0' B.A. (N)   | -0.96        | C         |
|           |             | 3.0' x 5.0' B.A. (S)   | -1.01        |           |
|           |             | 24" VCP (E)            | 1.27         |           |
| J-5C      | 90          |                        | -            | P0        |
| J-5C      | 91          |                        | -            | P0        |
| J-5C      | 92          | 2.5' x 3.0' B.A. (N)   | 5.31         | C         |
|           |             | 2.5' x 3.0' B.A. (S)   | 5.33         |           |
|           |             | 24" CIP (W)            | 5.34         |           |
|           |             | 18" VCP (E)            | 5.34         |           |
| J-5C      | 93          | 2.2' x 3.0' B.A. (N)   | 1.82         | C         |
|           |             | 2.2' x 3.0' B.A. (S)   | 1.82         |           |
| J-5C      | 94          | 2.1' x 3.0' B.A. (N)   | 1.49         | C         |
|           |             | 2.1' x 3.0' B.A. (S)   | 1.49         |           |
| J-5C      | 95          | 1.3' x 3.0' B.A. (N)   | 1.98         | HFS       |
|           |             | 1.3' x 3.0' B.A. (S)   | 2.12         |           |
| J-5C      | 96          | 36" Brick Pipe (N)     | 2.65         | C         |
|           |             | 24" Brick Pipe (E)     | 3.04         |           |
|           |             | 36" Brick Pipe (S)     | 2.76         |           |
|           |             | 12" VCP (W)            | 3.07         |           |
| J-5C      | 97          | 12" VCP (N)            | 4.49         | C         |
|           |             | 12" VCP (S)            | 4.49         |           |
| J-5C      | 98          | 18" VCP (N)            | 3.11         | C         |
|           |             | 12" VCP (S)            | 3.25         |           |
|           |             | 12" VCP (W)            | 4.86         |           |
| J-5C      | 102         | 24" VCP (N)            | 1.50         | C         |
|           |             | 24" VCP (S)            | 1.36         |           |
| J-5C      | 103         | 24" VCP (N)            | 1.65         | C         |
|           |             | 18" VCP (S)            | 1.46         |           |
| J-5C      | 107         |                        | -            | P0        |
| J-5C      | 108         | 3.0' x 3.5' B.A. (N)   | 1.00         | C         |
|           |             | 3.0' x 3.5' B.A. (S)   | 1.00         |           |
| J-5C      | 113         | 2.5' x 3.0' B.A. (N)   | 7.13         | C         |
|           |             | 2.5' x 3.0' B.A. (S)   | 7.13         |           |
| J-5C      | 114         | 2.0' x 2.5' B.A. (N)   | 7.44         | C         |
|           |             | 2.6' x 1.5' B.A. (E)   | 7.02         |           |
|           |             | 2.9' x 2.5' B.A. (S)   | 7.19         |           |
|           |             |                        |              |           |
| J-5C      | 115         | 1.8' x 2.5' B.A. (N)   | 6.86         | C         |
|           |             | 2.3' x 2.5' B.A. (S)   | 6.91         |           |
| J-5C      | 137         | 3.5' x 3.5' B.A. (N/W) | 6.98         | C         |
|           |             | 3.8' x 3.5' B.A. (E)   | 6.67         |           |
| J-5C      | 138         |                        | -            | P0        |

# INVENTORY

MAP J5c

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d |     | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |

N

## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                  | INVERT ELEV.                     | CONDITION |
|-----------|-------------|----------------------------------------------------------------------------|----------------------------------|-----------|
| J-6D      | 1           |                                                                            | -                                | PO        |
| J-6D      | 2           |                                                                            | -                                | PO        |
| J-6D      | 3           | 30" VCP (S)<br>30" VCP (W)<br>18" VCP (N)<br>2.1' x 2.0' B.A. (E)          | -2.08<br>-1.83<br>-2.08<br>-3.18 | C         |
| J-6D      | 4           | 3.0' x 2.0' B.A. (W)<br>1.9' x 2.0' B.A. (E)<br>12" VCP (N)<br>12" VCP (S) | -0.30<br>0.30<br>1.00<br>0.08    | C         |
| J-6D      | 5           |                                                                            | -                                | PO        |
| J-6D      | 6           | 42" RCP                                                                    | -1.52                            | FS        |
| J-6D      | 7           | 42" RCP                                                                    | 0.67                             | HFS       |
| J-6D      | 8           | 18" RCP                                                                    | 2.42                             | C         |
| J-6D      | 9           | 24" RCP                                                                    | 2.10                             | C         |
| J-6D      | 10          | 24" RCP                                                                    | 0.06                             | C         |
| J-6D      | 11          | 24" RCP                                                                    | 0.53                             | HFS       |
| J-6D      | 12          | 24" RCP                                                                    | 0.22                             | C         |
| J-6D      | 13          | 30" RCP                                                                    | 1.08                             | C         |
| J-6D      | 14          | 30" RCP (E)<br>30" RCP (W)<br>18" RCP (N)                                  | -0.07<br>-0.07<br>0.76           | C         |
| J-6D      | 15          | 30" RCP (E)<br>18" RCP (W)                                                 | 0.54<br>0.29                     | C         |
| J-6D      | 16          | 18" RCP (E)<br>12" RCP (N/W)                                               | 1.61<br>2.61                     | C         |
| J-6D      | 23          |                                                                            | -                                | PO        |
| J-6D      | 24          | 3.5' x 3.0' BOX (E)<br>3.5' x 3.0' BOX (W)                                 | -1.84<br>-1.84                   | C         |
| J-6D      | 25          | 3.5' x 3.0' BOX (E)<br>3.5' x 3.0' BOX (W)                                 | -1.72<br>-1.72                   | C         |
| J-6D      | 26          | 3.1' x 3.0' BOX (E)<br>3.1' x 3.0' BOX (W)<br>30" RCP (N)<br>18" VCP (S)   | -1.29<br>-1.29<br>-0.99<br>-1.14 | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                  | INVERT ELEV.                     | CONDITION          |
|-----------|-------------|--------------------------------------------------------------------------------------------|----------------------------------|--------------------|
| J-6D      | 27          |                                                                                            | -                                | Manhole lid broken |
| J-6D      | 28          |                                                                                            | -                                | PO                 |
| J-6D      | 29          |                                                                                            | -                                | PO                 |
| J-6D      | 30          | 3.1' x 3.0' BOX (E)<br>3.1' x 3.0' BOX (W)<br>24" VCP (S)                                  | -1.15<br>-1.15<br>-0.73          | C                  |
| J-6D      | 31          | 18" VCP (N)<br>18" VCP (S)<br>12" VCP (W)                                                  | 0.48<br>0.50<br>0.41             | C                  |
| J-6D      | 32          | 18" VCP (S)                                                                                | 0.48                             | C                  |
| J-6D      | 33          |                                                                                            | -                                | PO                 |
| J-6D      | 34          | 3.5' x 3.0' BOX (E)<br>3.5' x 3.0' BOX (W)<br>18" VCP (S)                                  | -0.85<br>-0.84<br>-0.84          | C                  |
| J-6D      | 35          |                                                                                            | -                                | PO                 |
| J-6D      | 36          | 3.7' x 3.0' BOX (W)<br>3.7' x 3.0' BOX (E)<br>24" VCP (S)<br>24" VCP (N)                   | -1.10<br>-1.10<br>-0.38<br>-0.94 | C                  |
| J-6D      | 37          | 3.5' x 3.0' B.A. (S)<br>5.0' x 3.5' BOX (W)<br>5.0' x 3.5' BOX (E)<br>2.5' x 2.5' B.A. (N) | -0.57<br>-0.52<br>-0.55<br>-0.01 | C                  |
| J-6D      | 57          |                                                                                            | -                                | PO                 |
| J-6D      | 58          | 24" VCP (N)<br>24" VCP (S)<br>15" VCP (E)<br>15" VCP (W)                                   | 0.51<br>0.13<br>1.93<br>2.04     | C                  |
| J-6D      | 61          | 18" VCP (N)<br>30" RCP (S)<br>24" RCP (E)<br>15" VCP (W)                                   | -0.03<br>-0.03<br>0.52<br>0.22   | C                  |
| J-6D      | 62          | 24" RCP (W)<br>15" VCP (E)<br>10" VCP (N)                                                  | 0.80<br>0.80<br>1.95             | C                  |



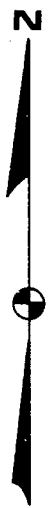
INVENTORY

MAP J6d

existing drainage facilities  
CITY OF CHARLESTON

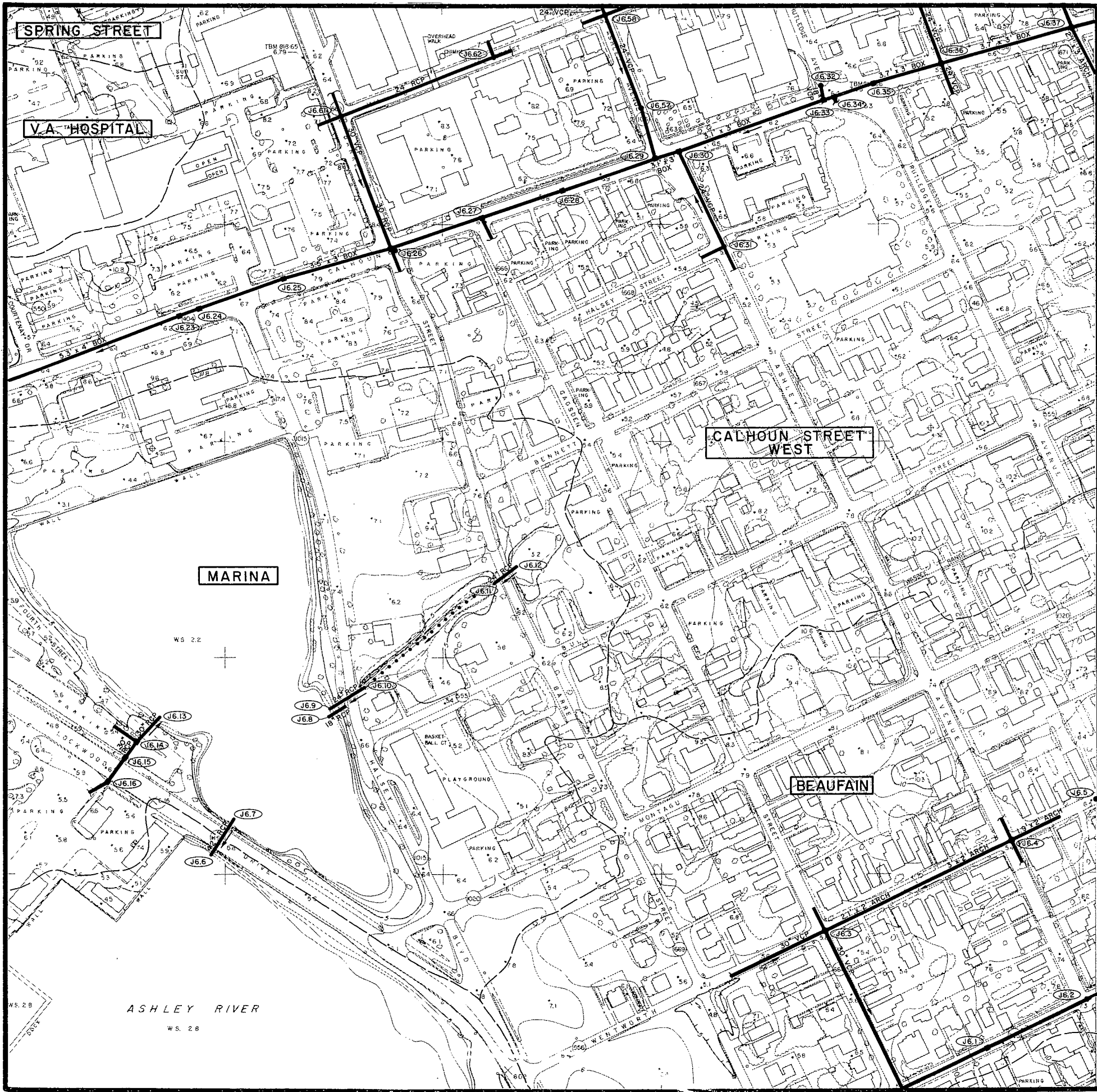
PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
|     | N7  | N6  | N5  |     |     |
|     | M7  | M6  | M5  |     |     |
|     | L7  | L6  | L5  |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c |     | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



LEGEND

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



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                               | INVERT ELEV.                      | CONDITION |
|-----------|-------------|-------------------------------------------------------------------------|-----------------------------------|-----------|
| J-6C      | 87          | 24" RCP (N)<br>24" RCP (S/W)                                            | -1.31<br>-0.85                    | C         |
| J-6C      | 88          | 24" RCP (N/E)<br>24" RCP (S/W)                                          | -0.45<br>-0.31                    | C         |
| J-6C      | 89          |                                                                         | -                                 | CNO       |
| J-6C      | 90          | 30" RCP (E)<br>24" RCP (E)<br>48" CMP (W)<br>24" RCP (S)                | -1.24<br>-1.24<br>-1.09<br>-0.89  | HFS       |
| J-6C      | 91          | 24" RCP (N)<br>18" RCP (S)<br>15" RCP (E)                               | -0.48<br>-0.67<br>-0.64           | C         |
| J-6C      | 92          | 30" RCP (E)<br>24" RCP (E)<br>24" RCP (W)<br>30" RCP (W)<br>12" RCP (S) | -<br>-0.63<br>-0.83<br>-<br>-0.98 | C         |
| J-6C      | 93          | 30" RCP (W)<br>24" RCP (W)<br>24" RCP (E #1)<br>24" RCP (E #2)          | -0.43<br>-1.00<br>-0.20<br>-0.95  | C         |
| J-6C      | 94          | 24" RCP (W #1)<br>24" RCP (W #2)<br>24" RCP (E)                         | 0.46<br>0.46<br>-                 | C         |
| J-6C      | 95          | 18" RCP (E)<br>24" RCP (W)<br>18" RCP (S)                               | -0.40<br>-0.40<br>-0.40           | C         |
| J-6C      | 96          | 1.5' x 4.0' BOX (N)<br>30" RCP (S/W)                                    | 1.57<br>1.46                      | C         |
| J-6C      | 97          | 1.5' x 4.0' BOX (S)<br>30" RCP (N)<br>30" RCP (E)                       | 1.79<br>1.63<br>1.49              | C         |
| J-6C      | 98          | 30" RCP                                                                 | -                                 | C         |
| J-6C      | 99          | 30" RCP (E)<br>30" RCP (S)<br>15" RCP (N)                               | 1.64<br>1.58<br>1.79              | C         |
| J-6C      | 100         | 30" RCP                                                                 | 1.69                              | C         |
| J-6C      | 101         | Pump Station                                                            |                                   |           |
| J-6C      | 102         | 30" RCP (W)<br>15" RCP (N)<br>18" RCP (S)<br>30" RCP (E)                | -1.90<br>0.55<br>-0.73<br>-1.80   | C         |
| J-6C      | 103         | 30" RCP (N)<br>30" RCP (W)                                              | -1.71<br>-1.68                    | C         |
| J-6C      | 104         | 30" RCP (S)<br>18" RCP (N/W)                                            | -1.63<br>-0.46                    | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                | INVERT ELEV.                     | CONDITION  |
|-----------|-------------|--------------------------------------------------------------------------|----------------------------------|------------|
| J-6C      | 17          | 6.0' x 5.0' BOX                                                          | -2.84                            | C          |
| J-6C      | 18          |                                                                          | -                                | CNO        |
| J-6C      | 19          |                                                                          | -                                | PO         |
| J-6C      | 20          | 5.5' x 5.0' BOX (E)<br>5.5' x 5.0' BOX (W)                               | -2.50<br>-2.50                   | C          |
| J-6C      | 21          | 5.5' x 5.0' BOX (E)<br>5.5' x 5.0' BOX (W)<br>15" RCP (N)<br>15" RCP (S) | -2.15<br>-2.15<br>1.56<br>2.12   | C          |
| J-6C      | 22          | 5.3' x 4.0' BOX (E)<br>5.3' x 4.0' BOX (W)                               | -2.42<br>-2.42                   | C          |
| J-6C      | 63          | 5.0' x 8.0' BOX                                                          | 0.30                             | C          |
| J-6C      | 64          | 24" CIP                                                                  | 0.15                             | Force main |
| J-6C      | 65          | 5.0' x 8.0' BOX                                                          | -                                | C          |
| J-6C      | 66          | 60" RCP                                                                  | -0.89                            | C          |
| J-6C      | 67          | 48" RCP                                                                  | -0.71                            | C          |
| J-6C      | 68          | 42" RCP (N)<br>48" RCP (S)                                               | -0.66<br>-0.70                   | C          |
| J-6C      | 69          | 42" RCP (N)<br>42" RCP (S)<br>18" RCP (E)                                | -0.10<br>-0.10<br>-0.10          | C          |
| J-6C      | 70          | 42" RCP (N)<br>42" RCP (S)<br>15" RCP (E)                                | 0.29<br>0.49<br>0.50             | C          |
| J-6C      | 71          | 42" RCP (N)<br>42" RCP (S)<br>15" RCP (W)                                | 0.54<br>0.54<br>1.99             | C          |
| J-6C      | 72          | 42" RCP (N/E)<br>42" RCP (S)                                             | 0.66<br>0.66                     | C          |
| J-6C      | 81          | 60" RCP (E)<br>60" RCP (W)<br>30" RCP (N/E)                              | -0.35<br>-0.35<br>-0.35          | C          |
| J-6C      | 82          | 30" RCP (S)<br>30" RCP (N)                                               | -0.01<br>-0.01                   | C          |
| J-6C      | 83          | 24" RCP (E)<br>12" RCP (N)<br>30" RCP (S)                                | 1.08<br>0.48<br>0.58             | C          |
| J-6C      | 84          | 24" RCP (N)<br>24" RCP (W)                                               | 1.83<br>1.78                     | C          |
| J-6C      | 85          | 18" RCP (N)<br>24" RCP (S)                                               | 2.48<br>2.52                     | C          |
| J-6C      | 86          | 30" RCP (N)<br>24" RCP (S)<br>48" CMP (E)<br>60" RCP (W)                 | -0.69<br>-0.69<br>-0.69<br>-0.69 | C          |

# INVENTORY

MAP J6c

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

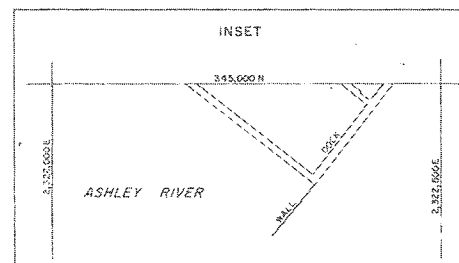
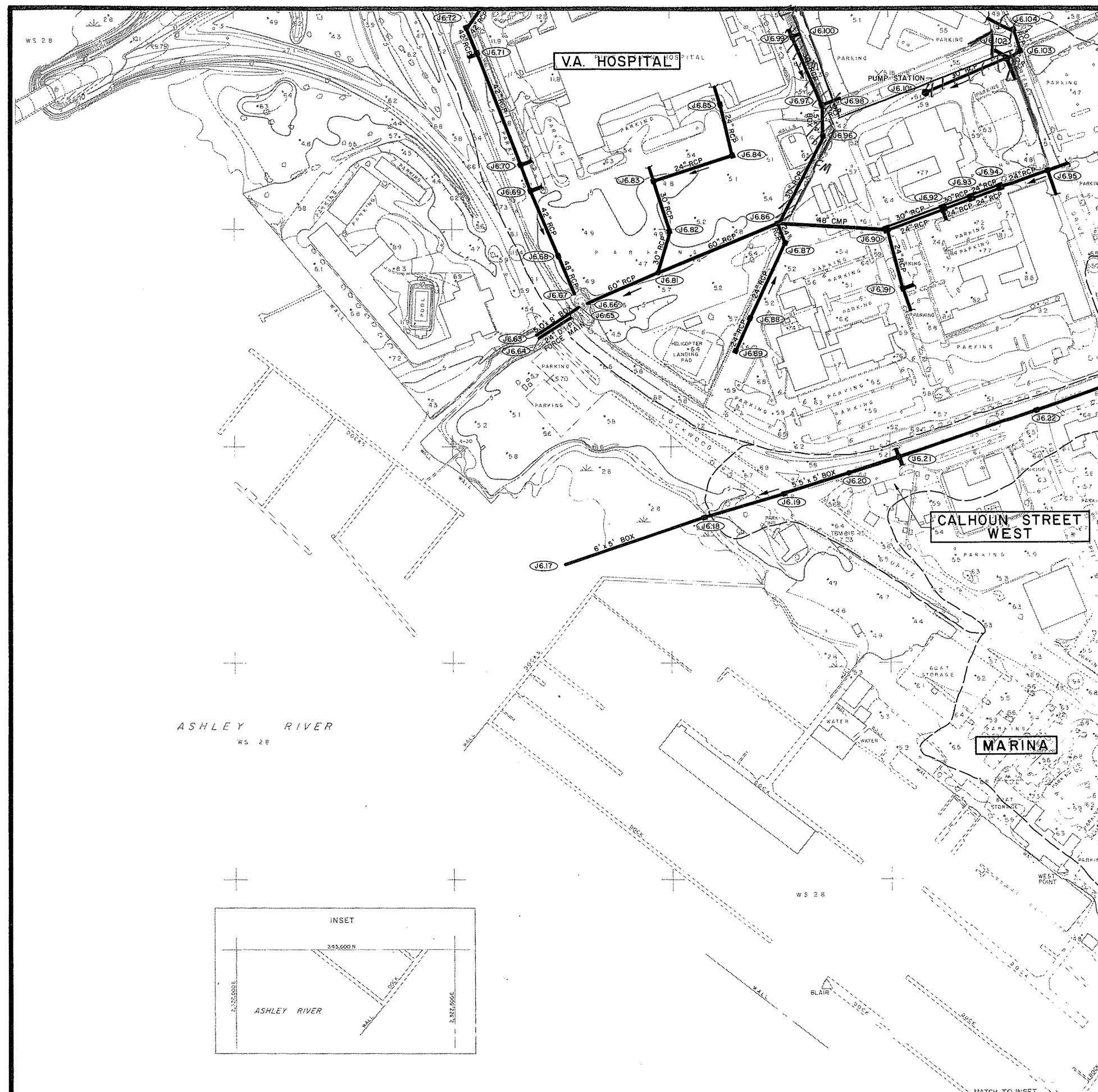
|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |     |
|     |     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |     |
|     |     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |     |
|     |     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |     |
| K7d | K6c | K6d | K5c | K5d | K4c |     |
| J7b | J6a | J6b | J5a | J5b | J4a |     |
|     |     | J6d | J5c | J5d | J4c |     |
|     |     |     | I6b | I5a | I5b | I4a |
|     |     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET





| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u>                      |
|------------------|--------------------|------------------|---------------------|---------------------------------------|
| J-4A             | 13                 | 60" CMP          | -4.94               | C                                     |
| J-4A             | 14                 | 18" VCP          | -                   | C                                     |
| J-4A             | 15                 | 18" VCP          | -                   | C                                     |
| J-4A             | 16                 | 36" CMP          | -2.16               | 4'x6' Box<br>with 36" CMP<br>stub out |

# INVENTORY

MAP J4a

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

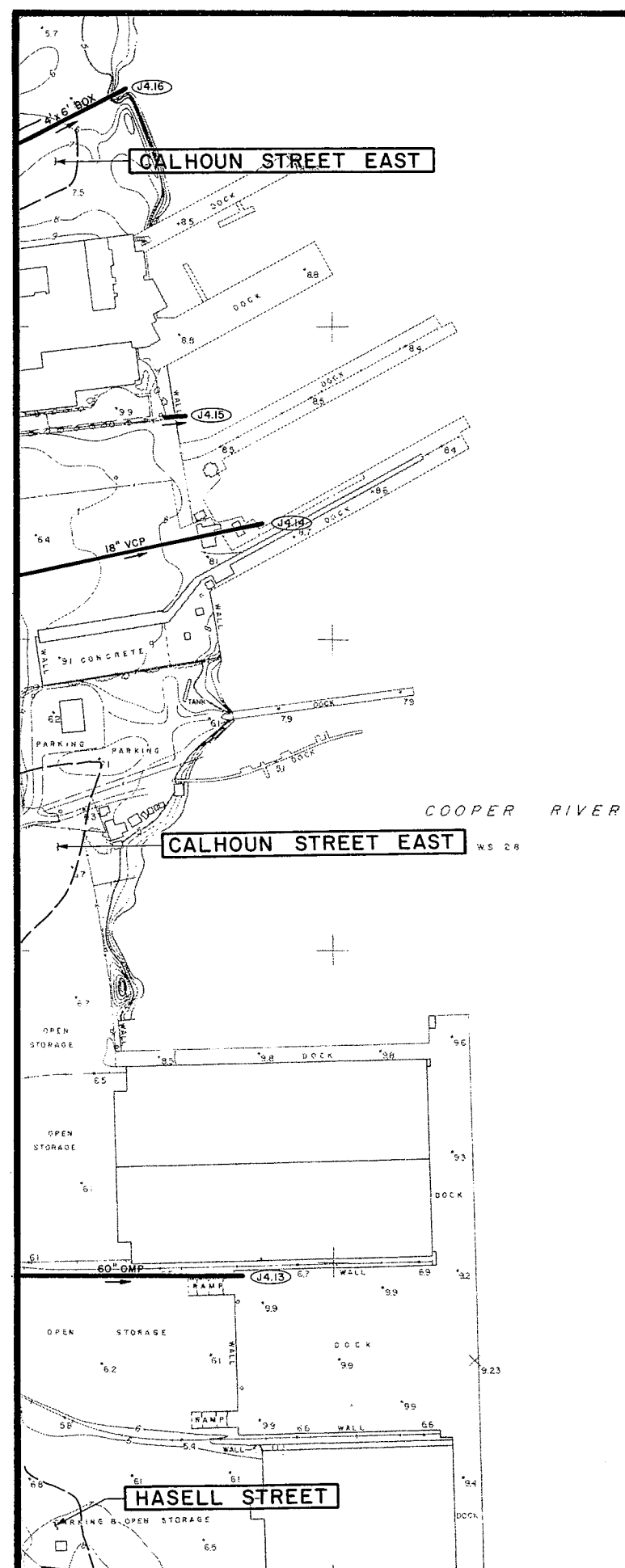
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b |     |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                            | INVERT ELEV.            | CONDITION |
|-----------|-------------|----------------------------------------------------------------------|-------------------------|-----------|
| J-5B      | 158         |                                                                      | -                       | FS        |
| J-5B      | 159         |                                                                      | -                       | FWT       |
| J-5B      | 160         | 15" VCP (N)<br>12" VCP (S)                                           | -3.02<br>-3.07          | HFS       |
| J-5B      | 161         | 18" VCP (E)<br>18" VCP (W)                                           | -1.50<br>-1.50          | C         |
| J-5B      | 162         | 3.5' x 3.5' B.A. (E)<br>3.4' x 3.5' B.A. (W)<br>18" VCP (N)          | -3.65<br>-3.49<br>0.90  | C         |
| J-5B      | 163         |                                                                      | -                       | FWT       |
| J-5B      | 164         |                                                                      | -                       | PO        |
| J-5B      | 165         | 4.4' x 3.5' B.A. (E)<br>4.6' x 3.5' B.A. (W)<br>15" VCP (S)          | -1.83<br>-1.98<br>-0.96 | C         |
| J-5B      | 166         | 4.5' x 3.5' B.A. (E)<br>4.8' x 3.5' B.A. (W)                         | -1.50<br>-1.78          | C         |
| J-5B      | 167         | 4.0' x 3.5' B.A. (E)<br>4.0' x 3.5' B.A. (W)<br>3.0' x 3.5' B.A. (S) | -1.25<br>-1.54<br>-1.54 | C         |
| J-5B      | 175         | 2.1' x 2.5' B.A. (E)<br>2.5' x 2.5' B.A. (W)                         | 7.93<br>8.09            | C         |
| J-5B      | 187         |                                                                      | -                       | PO        |
| J-5B      | 188         |                                                                      | -                       | PO        |
| J-5B      | 189         | 24" RCP (S)<br>24" RCP (N)                                           | 2.17<br>1.81            | C         |
| J-5B      | 190         | 24" RCP (S)<br>24" RCP (N)                                           | 2.41<br>2.37            | C         |
| J-5B      | 191         | 24" RCP (S)<br>24" RCP (N)                                           | 3.57<br>3.50            | C         |
| J-5B      | 192         | 24" RCP (N)<br>18" RCP (S)                                           | 4.38<br>4.47            | C         |
| J-5B      | 193         | 4.5' x 3.5' B.A. (W)<br>4.5' x 3.5' B.A. (E)                         | -1.85<br>-1.79          | C         |
| J-5B      | 194         |                                                                      | -                       | PO        |
| J-5B      | 194A        |                                                                      | -                       | PO        |
| J-5B      | 195         | 24" RCP (N)<br>24" RCP (S)                                           | 0.48<br>0.50            | C         |
| J-5B      | 196         | 24" RCP (N)<br>24" RCP (S)                                           | 1.52<br>1.52            | C         |
| J-5B      | 197         | 24" RCP (N)<br>24" RCP (S)                                           | 1.08<br>1.31            | C         |
| J-5B      | 198         | 24" RCP (N)<br>24" RCP (S)                                           | 3.81<br>3.76            | C         |
| J-5B      | 199         | 24" RCP (N)<br>24" RCP (S)                                           | 5.17<br>5.12            | C         |
| J-5B      | 200         | 24" RCP (N)<br>24" RCP (W)                                           | 5.70<br>5.88            | C         |
| J-5B      | 201         | 24" RCP (E)<br>18" RCP (W)                                           | 6.86<br>6.86            | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                   | INVERT ELEV.                         | CONDITION |
|-----------|-------------|-----------------------------------------------------------------------------|--------------------------------------|-----------|
| J-5B      | 12-A        | 24" CMP (E)<br>24" VCP (W)<br>24" VCP (N)<br>24" CMP (S/W)<br>15" VCP (S/W) | 0.00<br>0.32<br>0.20<br>1.59<br>2.37 | C         |
| J-5B      | 128         | 3.4' x 3.5' B.A. (E)<br>3.4' x 3.5' B.A. (W)<br>18" RCP (N)                 | -3.57<br>-3.87<br>-0.52              | C         |
| J-5B      | 129         | 3.8' x 3.5' B.A. (E)<br>3.8' x 3.5' B.A. (W)<br>18" RCP (S)                 | -4.46<br>-4.46<br>-1.49              | FWT       |
| J-5B      | 130         | 2.5' x 2.5' BOX (W)                                                         | 2.43                                 | C         |
| J-5B      | 131         | 2.5' x 2.5' BOX (E)<br>3.2' x 1.8' BOX (N)<br>24" VCP (W)                   | 1.58<br>1.90<br>2.17                 | C         |
| J-5B      | 134A        |                                                                             | -                                    | CNP       |
| J-5B      | 134         | 4.0' x 3.5' B.A. (E)<br>4.0' x 3.5' B.A. (W)                                | 2.14<br>1.96                         | C         |
| J-5B      | 135         | 3.8' x 3.5' B.A. (E)<br>3.9' x 3.5' B.A. (W)<br>18" VCP (N)<br>12" VCP (S)  | 3.13<br>3.13<br>3.48<br>3.39         | C         |
| J-5B      | 143         | 1.6' x 3.0' B.A. (E)<br>1.3' x 3.0' B.A. (W)                                | 9.77<br>9.77                         | HFS       |
| J-5B      | 145         |                                                                             | -                                    | PO        |
| J-5B      | 146         |                                                                             | -                                    | PO        |
| J-5B      | 147         | 18" VCP (N)<br>18" VCP (S)<br>18" VCP (W)<br>18" VCP (E)                    | 6.49<br>6.60<br>6.69<br>-            | C         |
| J-5B      | 148         | 2.5' x 2.5' B.A. (N)<br>2.5' x 2.5' B.A. (S)                                | 3.94<br>3.86                         | C         |
| J-5B      | 149         | 2.5' x 2.5' B.A. (N)<br>2.5' x 2.5' B.A. (S)                                | 3.43<br>3.47                         | C         |
| J-5B      | 150         | 0.7' x 2.0' B.A. (W)<br>1.2' x 2.0' B.A. (E)<br>15" VCP (N)<br>15" VCP (S)  | 2.29<br>1.99<br>1.10<br>1.30         | HFS       |
| J-5B      | 151         | 1.2' x 2.0' B.A. (E)<br>1.2' x 2.0' B.A. (W)<br>24" VCP (N)<br>24" VCP (S)  | -1.11<br>-0.86<br>-2.07<br>-2.31     | FS        |
| J-5B      | 152         | 24" VCP (N)<br>15" VCP (S/W)<br>12" VCP (S)                                 | -0.99<br>0.01<br>-0.24               | HFS       |
| J-5B      | 153         | 24" VCP (N)<br>24" VCP (S)                                                  | -2.27<br>-1.97                       | HFS       |
| J-5B      | 154         | 24" VCP (N)<br>24" VCP (S)                                                  | -1.96<br>-2.11                       | C         |
| J-5B      | 155         | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (E)                                   | -2.42<br>-2.45<br>-2.20              | C         |
| J-5B      | 156         | 24" VCP (N)<br>24" VCP (S)                                                  | -2.25<br>-2.47                       | C         |
| J-5B      | 157         | 24" VCP (N)<br>24" VCP (S)                                                  | -2.31<br>-2.41                       | HFS       |

# INVENTORY

MAP J5b

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a |     | J4c |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4c |
|     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                  | INVERT ELEV.                     | CONDITION |
|-----------|-------------|--------------------------------------------------------------------------------------------|----------------------------------|-----------|
| J-5A      | 29-A        | 24" VCP (N)<br>24" VCP (S)                                                                 | 1.38<br>1.38                     | C         |
| J-5A      | 30-A        |                                                                                            | -                                | PO        |
| J-5A      | 40-A        |                                                                                            | -                                | PO        |
| J-5A      | 41-A        | 3.5' x 2.5' B.A. (S)<br>3.5' x 2.5' B.A. (N)<br>18" VCP (W)                                | 1.37<br>1.76<br>-                | C         |
| J-5A      | 42-A        |                                                                                            | -                                | PO        |
| J-5A      | 43-A        |                                                                                            | -                                | PO        |
| J-5A      | 44-A        |                                                                                            | -                                | PO        |
| J-5A      | 45-A        | 3.8' x 4.0' B.A. (E)<br>3.8' x 4.0' B.A. (W)                                               | 3.39<br>3.39                     | C         |
| J-5A      | 99          |                                                                                            | -                                | PO        |
| J-5A      | 100         | 4.5' x 4.0' BOX (E)<br>4.5' x 4.0' BOX (W)<br>3.9' x 2.5' B.A. (S)                         | 0.34<br>-<br>-                   | C         |
| J-5A      | 101         | 3.9' x 2.5' B.A. (N)<br>24" VCP (S)                                                        | 0.36<br>1.21                     | C         |
| J-5A      | 104         |                                                                                            | -                                | PO        |
| J-5A      | 105         |                                                                                            | -                                | PO        |
| J-5A      | 106         | 6.5' x 4.0' B.A. (N)<br>6.0' x 4.0' BOX (E)<br>7.0' x 4.0' B.A. (S)<br>7.0' x 4.0' BOX (W) | -0.14<br>-0.58<br>-0.67<br>-0.48 | C         |
| J-5A      | 109         |                                                                                            | -                                | PO        |
| J-5A      | 110         |                                                                                            | -                                | PO        |
| J-5A      | 111         | 4.0' x 3.5' BOX (E)<br>4.0' x 3.5' BOX (W)<br>12" VCP (S)                                  | 0.93<br>-<br>-                   | C         |
| J-5A      | 112         | 12" VCP (N)<br>12" VCP (S)                                                                 | 5.22<br>5.34                     | C         |
| J-5A      | 116         |                                                                                            | -                                | PO        |
| J-5A      | 117         | 4.5' x 3.0' B.A. (N)<br>4.5' x 3.0' B.A. (S)<br>18" VCP (W)<br>15" VCP (E)                 | 0.55<br>0.55<br>-<br>-           | C         |
| J-5A      | 118         |                                                                                            | -                                | PO        |
| J-5A      | 119         | 4.5' x 3.0' B.A. (N)<br>4.5' x 3.0' B.A. (S)<br>18" VCP (E)<br>18" VCP (W)                 | -0.73<br>-0.73<br>-<br>-         | C         |
| J-5A      | 120         |                                                                                            | -                                | PO        |
| J-5A      | 121         | 5.0' x 3.0' B.A. (N)<br>5.0' x 3.0' B.A. (S)<br>18" VCP (E)<br>18" VCP (W)                 | 0.39<br>-0.35<br>-<br>-          | C         |
| J-5A      | 122         | 2.1' x 3.0' B.A. (N)<br>2.1' x 3.0' B.A. (S)                                               | 2.45<br>2.45                     | C         |
| J-5A      | 123         |                                                                                            | -                                | PO        |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                    | INVERT ELEV.                     | CONDITION |
|-----------|-------------|----------------------------------------------------------------------------------------------|----------------------------------|-----------|
| J-5A      | 125         | 1.8' x 4.0' B.A. (E)<br>1.8' x 4.0' B.A. (W)                                                 | 3.13<br>3.13                     | C         |
| J-5A      | 126         |                                                                                              | -                                | PO        |
| J-5A      | 127         | 2.0' x 4.0' B.A. (W)<br>2.0' x 4.0' B.A. (E)<br>15" VCP (N)<br>15" VCP (S)                   | 2.70<br>2.71<br>-<br>-           | C         |
| J-5A      | 139         | 2.0' x 3.0' B.A. (W)<br>2.0' x 3.0' B.A. (E)                                                 | 9.17<br>9.23                     | C         |
| J-5A      | 140         |                                                                                              | -                                | PO        |
| J-5A      | 141         | 2.0' x 3.0' B.A. (E)<br>2.0' x 3.0' B.A. (W)                                                 | 9.12<br>8.28                     | C         |
| J-5A      | 142         | 2.0' x 3.0' B.A. (W)<br>2.4' x 3.0' B.A. (E)<br>15" RCP (N)                                  | 9.53<br>9.35<br>12.81            | C         |
| J-5A      | 168         |                                                                                              | -                                | PO        |
| J-5A      | 169         | 4.0' x 4.0' B.A. (N)<br>4.0' x 4.0' B.A. (S)<br>4.0' x 3.0' B.A. (E)<br>4.0' x 3.0' B.A. (W) | 6.39<br>6.26<br>1.84<br>1.84     | C         |
| J-5A      | 170         | 3.0' x 2.5' B.A. (N)<br>3.0' x 2.5' B.A. (S)                                                 | 8.37<br>8.37                     | C         |
| J-5A      | 171         | 0.6' x 2.5' B.A. (E)<br>0.6' x 2.5' B.A. (W)                                                 | 11.15<br>11.07                   | FS        |
| J-5A      | 172         | 0.3' x 2.5' B.A. (E)<br>0.6' x 2.5' B.A. (W)                                                 | 10.42<br>10.65                   | FS        |
| J-5A      | 173         | 0.0' x 2.5' B.A. (E)<br>0.0' x 2.5' B.A. (W)                                                 | 11.09<br>11.22                   | FS        |
| J-5A      | 174         | 2.0' x 2.5' B.A. (E)<br>2.0' x 2.5' B.A. (W)                                                 | 8.21<br>8.15                     | C         |
| J-5A      | 176         |                                                                                              | -                                | PO        |
| J-5A      | 177         |                                                                                              | -                                | PO        |
| J-5A      | 178         |                                                                                              | -                                | PO        |
| J-5A      | 179         | 4.0' x 4.0' B.A. (N)<br>4.0' x 4.0' BOX (S)<br>4.0' x 4.0' BOX (E)<br>4.0' x 4.0' BOX (W)    | -0.06<br>-0.06<br>-0.06<br>-0.06 | C         |
| J-5A      | 180         | 4.0' x 2.5' B.A. (S)<br>4.0' x 2.5' B.A. (N)                                                 | -0.08<br>-0.08                   | C         |
| J-5A      | 181         |                                                                                              | -                                | PO        |
| J-5A      | 182         | 4.0' x 2.5' B.A. (S)<br>4.0' x 2.5' B.A. (N)                                                 | 0.68<br>0.68                     | C         |
| J-5A      | 183         |                                                                                              | -                                | PO        |
| J-5A      | 184         |                                                                                              | -                                | PO        |
| J-5A      | 185         |                                                                                              | -                                | PO        |
| J-5A      | 186         |                                                                                              | -                                | PO        |
| J-5A      | 202         | 2.0' x 4.0' B.A. (E)<br>1.7' x 4.0' B.A. (W)                                                 | 2.95<br>2.95                     | C         |
| J-5A      | 203         | 1.7' x 4.0' B.A. (E)<br>2.2' x 4.0' B.A. (W)                                                 | 3.21<br>2.85                     | C         |

# INVENTORY

MAP J5a

existing drainage facilities  
CITY OF CHARLESTON

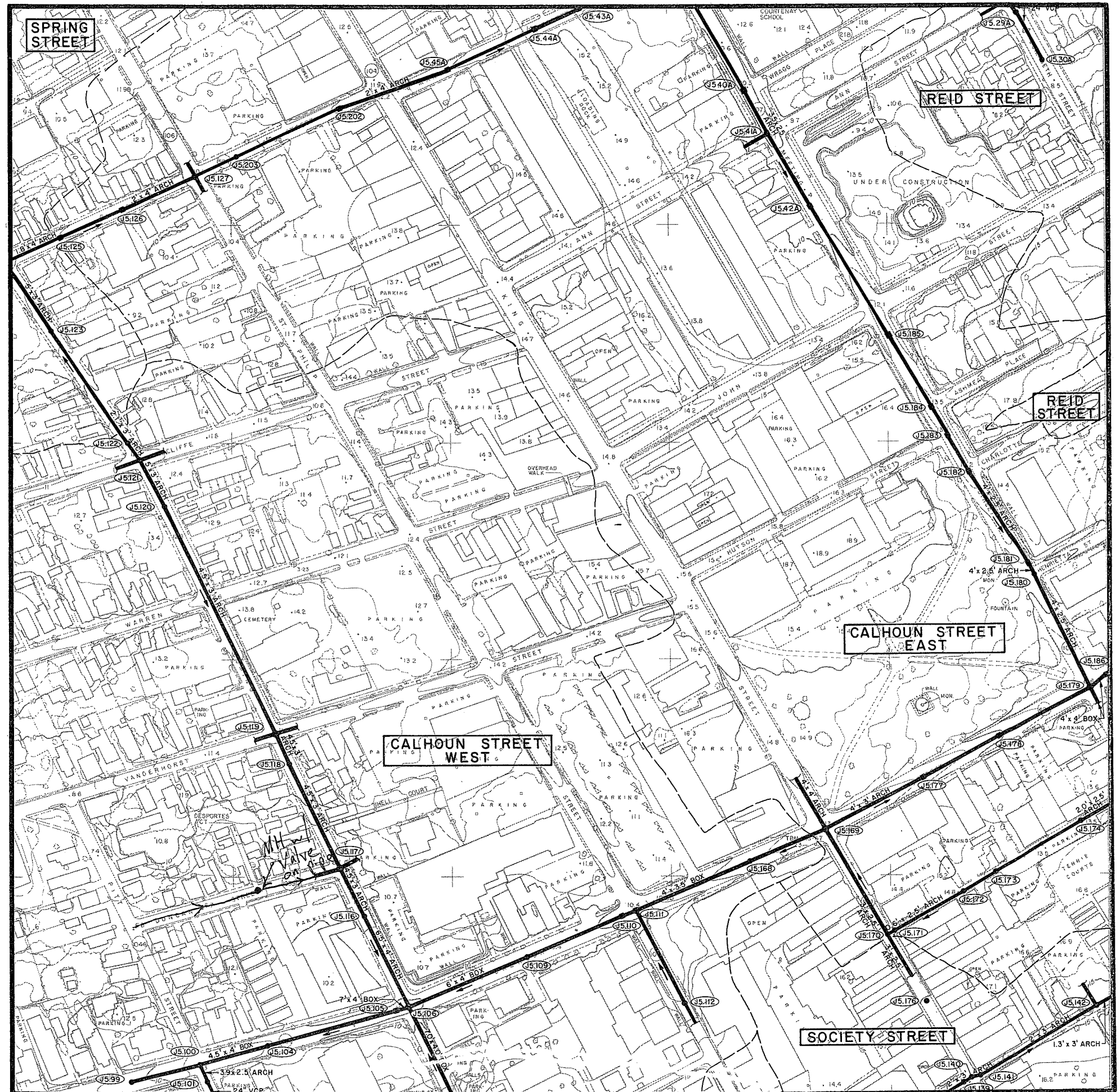
## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b |     | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## 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> |
|------------------|--------------------|----------------------------------------------------------------------------|----------------------------|------------------|
| J-6B             | 38                 |                                                                            | -                          | FWT              |
| J-6B             | 39                 | 24" VCP (W)<br>24" VCP (E)<br>12" VCP (N)                                  | 1.19<br>1.09<br>0.69       | HFS              |
| J-6B             | 40                 | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (S)                                  | 1.03<br>1.35<br>1.04       | FWT              |
| J-6B             | 41                 | 24" VCP (E)<br>24" VCP (W)                                                 | 1.19<br>1.16               | C                |
| J-6B             | 42                 | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (N)                                  | 0.24<br>0.24<br>1.91       | FWT              |
| J-6B             | 43                 | 24" VCP (E)<br>24" VCP (W)                                                 | 0.62<br>0.32               | FWT              |
| J-6B             | 44                 | 24" VCP (E)<br>18" VCP (W)                                                 | 0.85<br>1.75               | FWT              |
| J-6B             | 45                 |                                                                            | -                          | P0               |
| J-6B             | 46                 |                                                                            | -                          | P0               |
| J-6B             | 47                 |                                                                            | -                          | P0               |
| J-6B             | 48                 | 24" VCP (E)<br>5.0' x 3.0' B.A. (N)<br>5.0' x 3.0' B.A. (S)<br>18" VCP (W) | 3.55<br>0.07<br>-0.08<br>- | C                |
| J-6B             | 49                 |                                                                            | -                          | P0               |
| J-6B             | 50                 | 1.0' x 3.3' B.A. (N)<br>1.4' x 3.3' B.A. (S)                               | 2.02<br>1.73               | FS               |
| J-6B             | 51                 |                                                                            | -                          | P0               |
| J-6B             | 52                 | 24" VCP (E)<br>30" VCP (S)<br>30" VCP (N)                                  | 1.10<br>0.01<br>0.01       | C                |
| J-6B             | 53                 | 24" VCP (N)<br>24" VCP (S)                                                 | -0.11<br>-0.11             | C                |
| J-6B             | 54                 | 18" VCP (E)<br>18" VCP (W)<br>24" VCP (S)                                  | 1.12<br>0.37<br>0.25       | FWT              |

| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                                     | <u>INVERT ELEV.</u>          | <u>CONDITION</u> |
|------------------|--------------------|----------------------------------------------------------------------|------------------------------|------------------|
| J-6B             | 55                 |                                                                      | -                            | P0               |
| J-6B             | 56                 | 24" VCP (E)<br>30" VCP (S)<br>12" VCP (W)                            | -0.54<br>-0.76<br>-          | C                |
| J-6B             | 59                 |                                                                      | -                            | P0               |
| J-6B             | 60                 | 24" VCP (S)<br>12" VCP (N)<br>12" VCP (E)<br>12" VCP (W)             | 1.39<br>2.64<br>2.64<br>2.39 | C                |
| J-6B             | 106                | 18" VCP (S)<br>18" VCP (N)<br>15" VCP (W)<br>12" VCP (E)             | 3.15<br>-<br>-<br>-          | C                |
| J-6B             | 108                |                                                                      | -                            | P0               |
| J-6B             | 109                | 4.0' x 3.0' BOX (E)<br>4.0' x 3.0' BOX (W)                           | -0.69<br>-0.69               | C                |
| J-6B             | 110                | 4.0' x 3.0' BOX (E)<br>4.0' x 3.0' BOX (W)<br>24" VCP (N)            | -0.43<br>-0.43<br>-0.43      | C                |
| J-6B             | 111                | 24" VCP (N)<br>18" VCP (S)<br>15" VCP (E)                            | 2.55<br>2.61<br>4.31         |                  |
| J-6B             | 112                | 1.9' x 2.0' B.A. (W)<br>1.9' x 2.0' B.A. (E)                         | 4.65<br>4.67                 | C                |
| J-6B             | 113                | 2.0' x 2.0' B.A. (E)<br>2.0' x 2.0' B.A. (W)                         | 4.82<br>4.72                 | C                |
| J-6B             | 114                | 2.0' x 2.0' B.A. (W)<br>2.0' x 2.0' B.A. (E)                         | 5.71<br>5.70                 | C                |
| J-6B             | 115                | 18" VCP (N)<br>24" VCP (E)                                           | 3.73<br>3.58                 | C                |
| J-6B             | 116                | 18" VCP (E)<br>18" VCP (W)                                           | 2.41<br>2.51                 | C                |
| J-6B             | 117                |                                                                      | -                            | P0               |
| J-6B             | 118                |                                                                      | -                            | P0               |
| J-6B             | 119                |                                                                      | -                            | P0               |
| J-6B             | 124                | 2.0' x 3.5' B.A. (E)<br>5.0' x 3.0' B.A. (S)<br>5.0' x 3.0' B.A. (N) | 3.01<br>-0.56<br>-0.61       | C                |



# INVENTORY

MAP J6b

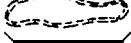
existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  |     |     |     |     |     |     |
|  | N7  |     | N6  |     | N5  |     |
|  |     |     |     |     |     |     |
|  | M7  |     | M6  |     | M5  |     |
|  |     |     |     |     |     |     |
|  | L7  |     | L6  |     | L5  |     |
|  |     |     |     |     |     |     |
|  | K7  | K6a | K6b | K5a | K5b |     |
|  | K7d | K6c | K6d | K5c | K5d | K4c |
|  | J7b | J6a |     | J5a | J5b | J4a |
|  |     | J6c | J6d | J5c | J5d | J4c |
|  |     |     | I6b | I5a | I5b | I4a |
|  |     |     |     | I5c | I5d |     |

N

## LEGEND

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

GRAPHIC  
SCALE





| SHEET NO. | MANHOLE NO. | PIPE SIZE                                             | INVERT ELEV.            | CONDITION |
|-----------|-------------|-------------------------------------------------------|-------------------------|-----------|
| J-6A      | 1           | 5' x 8' BOX                                           | -1.22                   | C         |
| J-6A      | 2           | 5' x 8' BOX                                           | -1.34                   | C         |
| J-6A      | 3           | 42" RCP (N)<br>42" RCP (S)                            | 1.11<br>1.16            | C         |
| J-6A      | 4           | 48" RCP                                               | -2.37                   | C         |
| J-6A      | 5           | 48" RCP                                               | -2.47                   | C         |
| J-6A      | 6           | 24" VCP (E)<br>24" VCP (W)                            | -0.14<br>-0.14          | C         |
| J-6A      | 7           | 18" VCP (S)<br>24" VCP (W)<br>12" VCP (N)             | 0.84<br>0.94<br>1.19    | C         |
| J-6A      | 9           | 24" RCP                                               | 2.00                    | C         |
| J-6A      | 10          | 24" RCP (N)<br>24" RCP (S)                            | 2.12<br>2.14            | C         |
| J-6A      | 11          | 24" RCP (N)<br>12" RCP (E)                            | 4.33<br>4.71            | C         |
| J-6A      | 12          | 36" CMP                                               | 1.63                    | C         |
| J-6A      | 13          | 36" CMP                                               | 1.56                    | C         |
| J-6A      | 13A         | 24" RCP                                               | 4.20                    | C         |
| J-6A      | 14          | 2.4' x 4' BOX (N)<br>2.4' x 4' BOX (S)<br>15" VCP (E) | 0.70<br>0.70<br>-0.12   | HFS       |
| J-6A      | 15          |                                                       | -                       | CNO       |
| J-6A      | 16          | 2.2' x 4' BOX (N)<br>2.2' x 4' BOX (S)<br>12" VCP (E) | 0.86<br>0.86<br>0.04    | HFS       |
| J-6A      | 17          | 5' x 3' BOX (E)<br>5' x 3' BOX (W)                    | -2.33<br>-2.33          | C         |
| J-6A      | 18          |                                                       | -                       | PO        |
| J-6A      | 19          | 4.5' x 3' BOX (E)<br>4.5' x 3' BOX (W)                | -1.60<br>-1.60          | C         |
| J-6A      | 20          | 4.6' x 3' BOX (E)<br>4.6' x 3' BOX (W)                | -1.46<br>-1.46          | C         |
| J-6A      | 21          | 4.8' x 3' BOX (E)<br>4.8' x 3' BOX (W)<br>18" VCP (S) | -1.55<br>-1.55<br>-1.15 | C         |
| J-6A      | 22          | 5' x 3' BOX (E)<br>5' x 3' BOX (W)<br>18" VCP (S)     | -1.33<br>-1.33<br>-1.04 | C         |
| J-6A      | 23          | 4.6' x 3' BOX (E)<br>4.6' x 3' BOX (W)<br>18" VCP (N) | -0.95<br>-0.95<br>0.03  | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                   | INVERT ELEV.                 | CONDITION |
|-----------|-------------|-------------------------------------------------------------|------------------------------|-----------|
| J-6A      | 24          | 4.8' x 3' BOX (E)<br>4.8' x 3' BOX (W)<br>3.8' x 4' BOX (N) | -1.15<br>-1.15<br>-1.15      | C         |
| J-6A      | 25          | 4.3' x 3' BOX (E)<br>4.3' x 3' BOX (W)<br>24" VCP (S)       | -1.22<br>-1.22<br>-0.70      | C         |
| J-6A      | 26          |                                                             | -                            | CNO       |
| J-6A      | 27          | 2.6' x 4' BOX (N)<br>2.6' x 4' BOX (S)                      | 0.38<br>0.38                 | HFS       |
| J-6A      | 28          | 24" VCP (N)<br>24" VCP (S)<br>12" VCP (W)                   | 0.44<br>0.54<br>0.94         | C         |
| J-6A      | 29          | 42" CMP                                                     | -1.57                        | C         |
| J-6A      | 30          | 42" CMP                                                     | -1.07                        | C         |
| J-6A      | 31          | 42" CMP                                                     | -1.68                        | C         |
| J-6A      | 32          | 42" CMP                                                     | -1.34                        | C         |
| J-6A      | 33          |                                                             | -                            | PO        |
| J-6A      | 34          | 36" RCP                                                     | -1.88                        | C         |
| J-6A      | 73          | 36" RCP (E)<br>36" RCP (W)<br>15" RCP (N)                   | 1.25<br>1.25<br>2.35         | C         |
| J-6A      | 74          | 36" RCP (E)<br>36" RCP (W)<br>18" RCP (N)<br>8" VCP (S)     | 0.35<br>0.40<br>1.85<br>2.80 | C         |
| J-6A      | 75          | 36" RCP (E)<br>36" RCP (W)                                  | 0.65<br>0.54                 | C         |
| J-6A      | 76          | 36" RCP (E)<br>36" RCP (W)                                  | 0.62<br>0.72                 | C         |
| J-6A      | 77          | 24" RCP (N)<br>30" RCP (S/E)<br>36" RCP (W)                 | 1.79<br>1.28<br>1.24         | C         |
| J-6A      | 78          | 24" RCP (S)<br>12" RCP (N)                                  | 1.41<br>1.81                 | C         |
| J-6A      | 79          | 30" RCP (N/W)<br>30" RCP (E)                                | 1.57<br>1.95                 | C         |
| J-6A      | 80          | 30" RCP (W)                                                 | -                            | FWT       |
| J-6A      | 105         |                                                             | -                            | PO        |
| J-6A      | 107         | 24" RCP (N)<br>15" RCP (E)<br>18" RCP (S)<br>18" RCP (W)    | 1.72<br>2.60<br>2.10<br>2.45 | C         |

# INVENTORY

MAP J6a

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

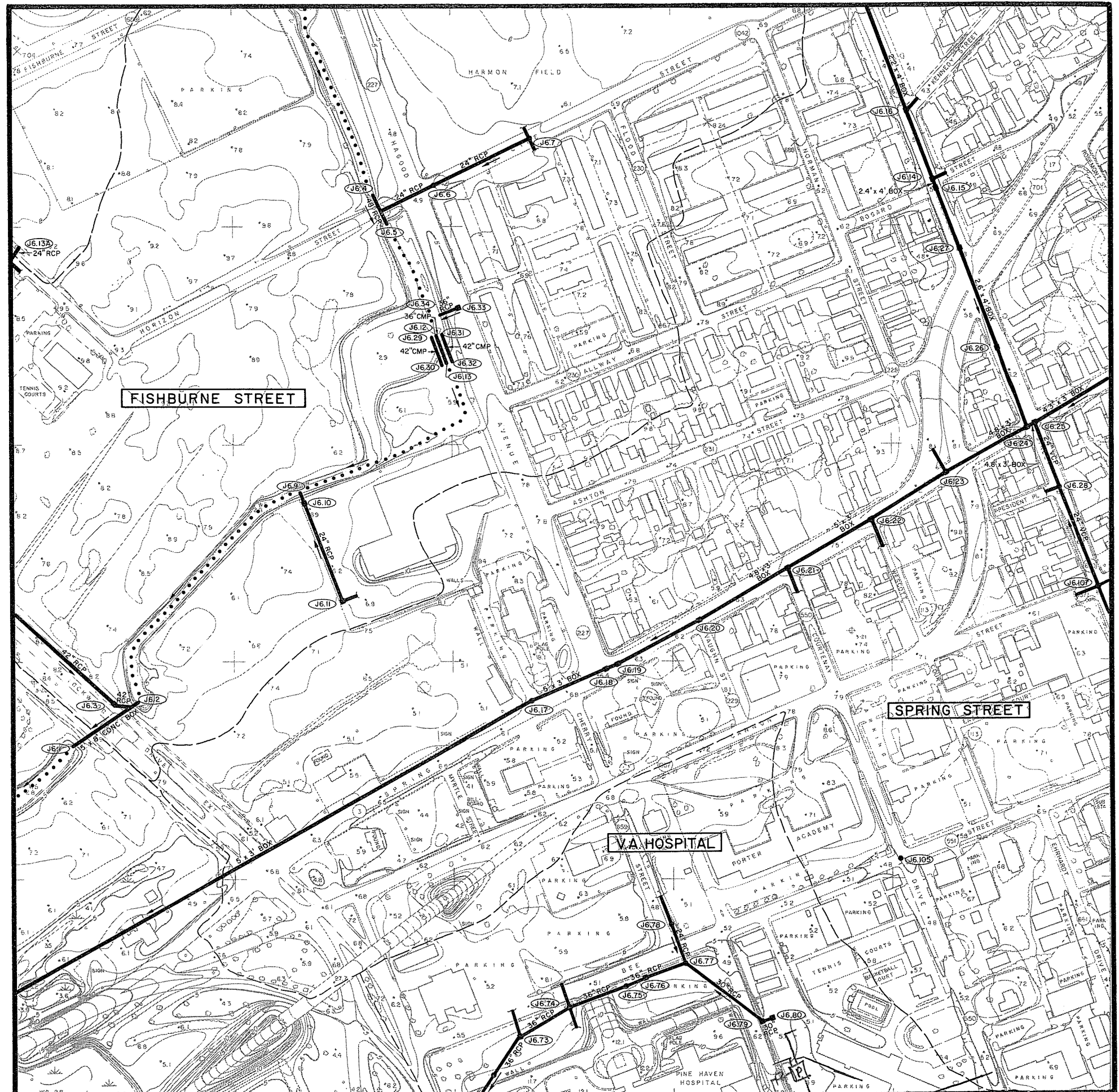
|  |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|
|  |     |     |     |     |     |     |     |
|  | N7  |     | N6  |     | N5  |     |     |
|  |     |     |     |     |     |     |     |
|  | M7  |     | M6  |     | M5  |     |     |
|  |     |     |     |     |     |     |     |
|  | L7  |     | L6  |     | L5  |     |     |
|  |     |     |     |     |     |     |     |
|  | K7  | K6a | K6b | K5a | K5b |     |     |
|  | K7d | K6c | K6d | K5c | K5d | K4c |     |
|  | J7b |     | J6b | J5a | J5b | J4a |     |
|  |     |     | J6c | J6d | J5c | J5d | J4c |
|  |     |     |     | I6b | I5a | I5b | I4a |
|  |     |     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



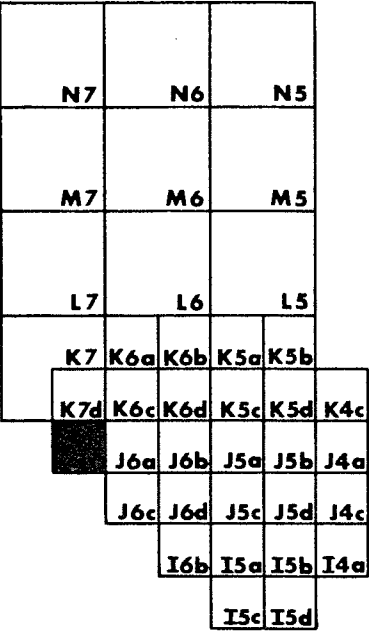
| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| J-7B             | 1                  | 5' x 8' BOX      | -0.68               | C                |
| J-7B             | 2                  | 5' x 8' BOX      | -0.53               | C                |
| J-7B             | 3                  | 15" CMP          | 1.67                | C                |
| J-7B             | 4                  | 15" CMP          | 2.42                | C                |
| J-7B             | 5                  | 42" RCP (N)      | 1.43                | C                |
|                  |                    | 42" RCP (S)      | 1.40                |                  |
|                  |                    | 24" CMP (E)      | 2.43                |                  |
| J-7B             | 6                  | 24" CMP (W)      | 3.34                | C                |
| J-7B             | 7                  | 30" RCP (N/E)    | 1.61                | C                |
|                  |                    | 18" RCP (E)      | 5.21                |                  |
|                  |                    | 24" CMP (S/E)    | 2.22                |                  |
|                  |                    | 42" RCP (S)      | 1.57                |                  |
| J-7B             | 8                  | 24" CMP (W)      | 3.79                | C                |
| J-7B             | 9                  | 30" RCP (S)      | 3.76                | C                |
|                  |                    | 24" RCP (E)      | 4.42                |                  |
|                  |                    | 18" RCP (N)      | 5.80                |                  |
| J-7B             | 10                 | 24" RCP (W)      | 4.46                | C                |
|                  |                    | 24" RCP (E)      | 4.55                |                  |
| J-7B             | 11                 | 24" RCP (E)      | 5.16                | C                |
|                  |                    | 24" RCP (W)      | 5.13                |                  |
|                  |                    | 18" RCP (N)      | 5.53                |                  |
| J-7B             | 12                 | 24" RCP (W)      | 4.25                | C                |
|                  |                    | 18" RCP (N)      | 4.73                |                  |
|                  |                    | 24" RCP (E)      | 4.31                |                  |
|                  |                    | 15" RCP (S)      | 4.75                |                  |
| J-7B             | 14                 | 5' x 3' BOX      | 2.83                | C                |

INVENTORY

MAP J7b

existing drainage facilities  
CITY OF CHARLESTON

PENINSULAR AREA



LEGEND

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



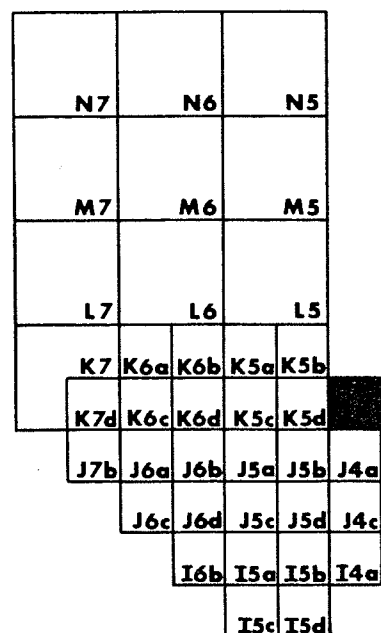
| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| K-4C             | 1                  | 12" VCP          | -                   | C                |

## INVENTORY

**MAP K4c**

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA



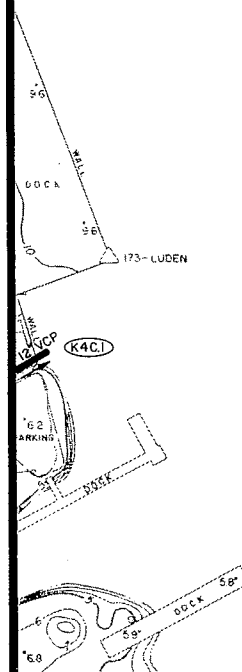
## LEGEND

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

GRAPHIC  
SCALE



COOPER RIVER  
W.S. 29





| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                                         | <u>INVERT ELEV.</u>          | <u>CONDITION</u> |
|------------------|--------------------|--------------------------------------------------------------------------|------------------------------|------------------|
| K-5D             | 1                  | 4.4' x 4.5' BOX (W)<br>24" CMP (S)<br>4.8' x 4.5' BOX (E)                | -1.67<br>-0.56<br>-2.42      | C                |
| K-5D             | 2                  | 24" CMP (N)<br>18" CMP (S)                                               | -0.58<br>-0.57               | C                |
| K-5D             | 3                  | 4.2' x 5.0' BOX (W)<br>4.2' x 5.0' BOX (E)                               | -2.81<br>-2.55               | C                |
| K-5D             | 5                  | 40" x 65" CMP                                                            | -                            | C                |
| K-5D             | 6                  | 40" x 65" CMP (E)<br>40" x 65" CMP (W)                                   | 0.13<br>0.13                 | C                |
| K-5D             | 7                  | 40" x 65" CMP (E)<br>40" x 65" CMP (W)                                   | 1.46<br>1.46                 | C                |
| K-5D             | 8                  | 40" x 65" CMP (E)<br>18" CMP (N/W)<br>18" CMP (S/W)                      | 1.52<br>1.78<br>1.78         | C                |
| K-5D             | 9                  | 18" x 29" CMP (E)<br>18" x 29" CMP (W)                                   | 1.24<br>1.24                 | HFS              |
| K-5D             | 10                 |                                                                          | -                            | FS               |
| K-5D             | 11                 |                                                                          | -                            | CNO              |
| K-5D             | 12                 |                                                                          | -                            | FS               |
| K-5D             | 13                 |                                                                          | -                            | CNO              |
| K-5D             | 14                 | 18" x 29" CMP (E)<br>18" x 29" CMP (W)                                   | -0.24<br>0.32                | FS               |
| K-5D             | 15                 | 18" x 29" CMP (E)<br>18" x 29" CMP (N)<br>18" x 29" CMP (S)              | 0.25<br>0.25<br>0.25         | FS               |
| K-5D             | 16                 | 4.4' x 4.5' BOX (E)<br>5.0' x 4.0' BOX (W)                               | 0.14<br>0.14                 | C                |
| K-5D             | 17                 | 5.0' x 4.0' BOX (E)<br>5.0' x 4.0' BOX (W)<br>12" VCP (N)<br>18" VCP (S) | -1.60<br>-1.60<br>-<br>-     | C                |
| K-5D             | 22                 | 24" VCP (N)<br>24" VCP (S)<br>15" VCP (E)                                | 0.00<br>0.62<br>0.02         | C                |
| K-5D             | 23                 | 24" VCP (N)<br>24" VCP (W)                                               | -<br>-                       | FS               |
| K-5D             | 54                 | 15" VCP (N)<br>12" VCP (S)<br>15" VCP (E)<br>12" VCP (W)                 | 1.49<br>2.74<br>1.77<br>1.99 | C                |



# INVENTORY

MAP K5d

existing drainage facilities  
CITY OF CHARLESTON

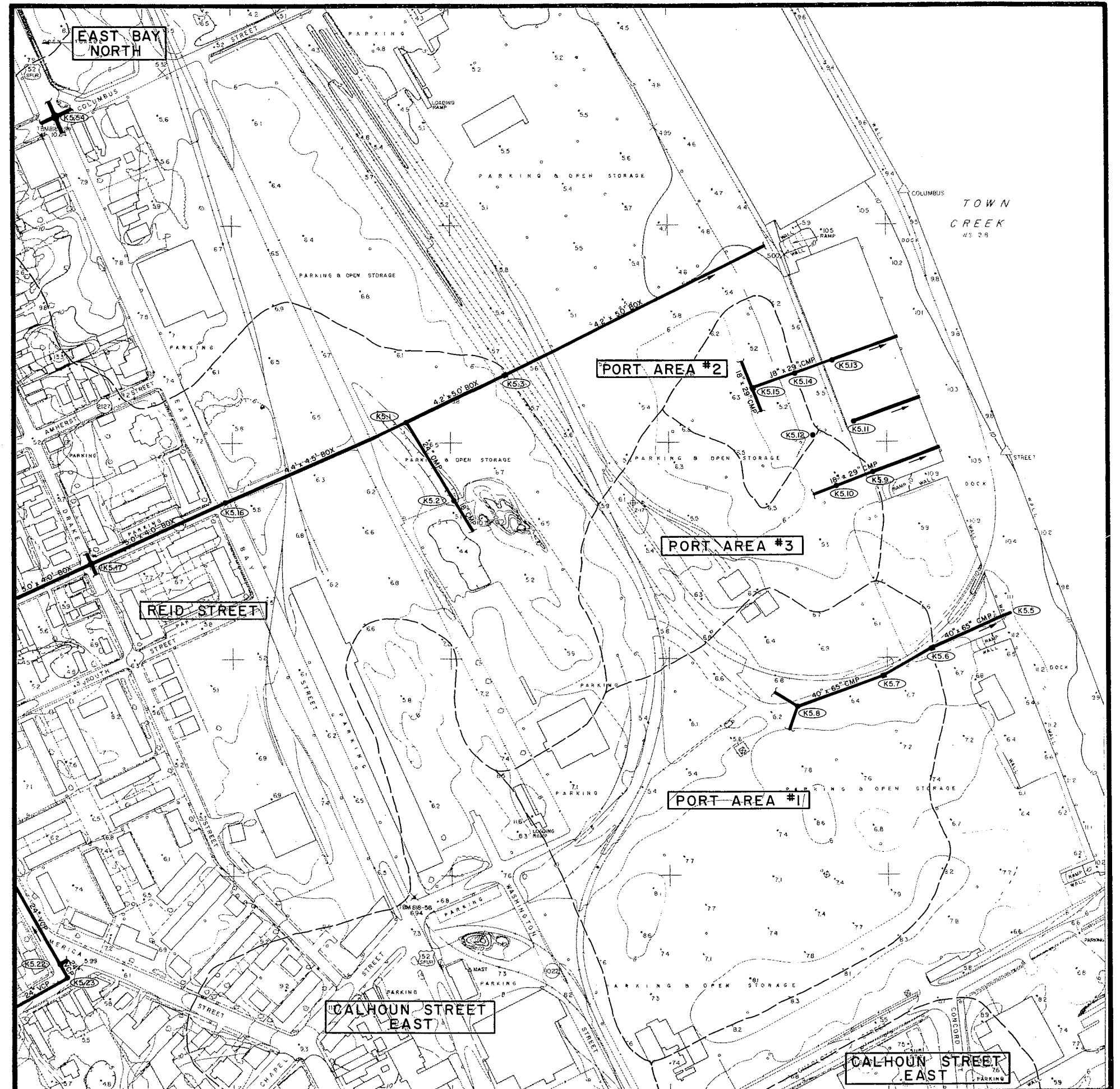
## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  |     | N6  |     | N5  |     |
|     |     |     |     |     |     |
| M7  |     | M6  |     | M5  |     |
|     |     |     |     |     |     |
| L7  |     | L6  |     | L5  |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
|     |     |     |     |     |     |
| K7d | K6c | K6d | K5c |     | K4c |
|     |     |     |     |     |     |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     |     |     |     |     |     |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     |     |     |     |     |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     |     |     |     |
|     |     |     | I5c | I5d |     |



## LEGEND

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



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                    | INVERT ELEV.                     | CONDITION |
|-----------|-------------|----------------------------------------------------------------------------------------------|----------------------------------|-----------|
| K-5C      | 1           | 36" RCP (E)<br>36" RCP (W)<br>12" RCP (N)                                                    | 4.67<br>4.67<br>6.94             | C         |
| K-5C      | 2           | 36" RCP (E)<br>36" RCP (W)<br>12" RCP (N)                                                    | 5.00<br>5.00<br>7.42             | C         |
| K-5C      | 2-A         | -                                                                                            | -                                | PO        |
| K-5C      | 3           | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (W)<br>24" VCP (E)                                     | 1.56<br>1.56<br>3.68<br>3.80     | C         |
| K-5C      | 4           | 24" RCP (E)<br>24" RCP (W)                                                                   | 1.94<br>1.94                     | C         |
| K-5C      | 6           | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (W)                                                    | 1.99<br>2.03<br>2.28             | C         |
| K-5C      | 7           | 24" VCP (N)<br>24" VCP (S)                                                                   | 1.87<br>1.87                     | C         |
| K-5C      | 8           | 24" VCP (N)<br>24" VCP (W)<br>18" VCP (S)                                                    | 2.58<br>2.54<br>5.87             | C         |
| K-5C      | 18          | 3.5'x3.5' B.A. (N)<br>24" VCP (S)<br>24" VCP (W)<br>5.0'x4.0' BOX (E)                        | -0.07<br>-1.64<br>-1.89<br>-1.99 | C         |
| K-5C      | 18-A        | 3.5' x 3.5' B.A. (N)<br>2.5' x 2.5' B.A. (W)<br>2.5' x 2.5' B.A. (E)<br>3.5' x 3.5' B.A. (S) | -<br>-<br>-<br>-                 | C         |
| K-5C      | 18-B        | -                                                                                            | -                                | PO        |
| K-5C      | 19          | -                                                                                            | -                                | PO        |
| K-5C      | 20          | 24" VCP (N)<br>24" VCP (S)                                                                   | -0.86<br>-0.67                   | C         |
| K-5C      | 21          | 24" VCP (N)<br>24" VCP (S)<br>12" VCP (W)                                                    | -0.78<br>-0.23<br>1.12           | C         |
| K-5C      | 24          | 24" VCP (E)<br>24" VCP (W)                                                                   | 0.78<br>0.69                     | C         |
| K-5C      | 25          | 24" VCP (E)<br>24" VCP (W)                                                                   | 0.91<br>0.91                     | C         |
| K-5C      | 26          | -                                                                                            | -                                | PO        |
| K-5C      | 27          | 24" VCP (E)<br>24" VCP (S)<br>12" VCP (N)                                                    | 1.19<br>1.18<br>4.75             | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                      | INVERT ELEV.                 | CONDITION |
|-----------|-------------|----------------------------------------------------------------|------------------------------|-----------|
| K-5C      | 28          | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (W)                      | 1.24<br>1.26<br>1.45         | C         |
| K-5C      | 31          | 24" VCP (E)<br>24" VCP (W)                                     | 0.63<br>0.59                 | C         |
| K-5C      | 32          | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (N)<br>12" VCP (S)       | 2.94<br>2.95<br>4.87<br>5.32 | C         |
| K-5C      | 33          | -                                                              | -                            | PO        |
| K-5C      | 34          | -                                                              | -                            | PO        |
| K-5C      | 35          | 24" VCP (E)<br>24" VCP (W)<br>12" VCP (N)<br>12" VCP (S)       | 4.99<br>4.75<br>-<br>-       | C         |
| K-5C      | 36          | -                                                              | -                            | PO        |
| K-5C      | 37          | 24" VCP (E)<br>3.0'x3.0' B.A. (N)<br>3.0'x3.0' B.A. (S)        | 5.28<br>3.11<br>-            | C<br>C    |
| K-5C      | 38          | -                                                              | -                            | PO        |
| K-5C      | 39          | 2.0'x2.0' B.A. (W)<br>3.0'x3.0' B.A. (S)<br>3.0'x3.0' B.A. (N) | 2.46<br>2.46<br>2.46         | C         |
| K-5C      | 46          | -                                                              | -                            | PO        |
| K-5C      | 47          | 30" VCP (E)<br>30" VCP (W)<br>18" VCP (N)<br>18" VCP (S)       | 3.17<br>3.21<br>-<br>-       | C         |
| K-5C      | 48          | 30" VCP (E)<br>30" VCP (W)<br>12" VCP (N)<br>12" VCP (S)       | 3.17<br>2.89<br>-<br>-       | HFS       |
| K-5C      | 49          | 24" VCP (E)<br>24" VCP (W)                                     | 3.66<br>3.63                 | FS        |
| K-5C      | 50          | -                                                              | -                            | PO        |
| K-5C      | 51          | -                                                              | -                            | PO        |
| K-5C      | 52          | -                                                              | -                            | PO        |
| K-5C      | 53          | 3.0'x2.5' B.A. (W)<br>3.0'x2.5' B.A. (S)                       | 3.74<br>3.84                 | C         |

# INVENTORY

MAP K5c

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d |     | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4c |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4c |
|     |     |     | I5c | I5d |     |



## 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



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| K-6D             | 1                  | 24" VCP (N)      | 1.06                | C                |
|                  |                    | 24" VCP (W)      | 0.97                |                  |
|                  |                    | 18" VCP (S)      | 1.09                |                  |
| K-6D             | 2                  | 24" VCP (E)      | 1.60                | C                |
|                  |                    | 24" VCP (W)      | 1.40                |                  |
|                  |                    | 24" VCP (S)      | 1.49                |                  |
| K-6D             | 3                  | 24" VCP (W)      | 2.19                | C                |
|                  |                    | 24" VCP (E)      | 2.14                |                  |
| K-6D             | 4                  | 18" VCP (N)      | 3.73                | C                |
|                  |                    | 18" VCP (S)      | 3.94                |                  |
|                  |                    | 18" VCP (E)      | 3.99                |                  |
|                  |                    | 24" VCP (W)      | 2.71                |                  |
| K-6D             | 5                  | 24" VCP (E)      | 2.61                | C                |
|                  |                    | 24" VCP (W)      | 2.56                |                  |
|                  |                    | 18" VCP (S)      | 3.49                |                  |
| K-6D             | 6                  | 18" VCP (N)      | 2.86                | C                |
|                  |                    | 15" RCP (E)      | 3.67                |                  |
|                  |                    | 24" VCP (W)      | 2.75                |                  |
| K-6D             | 7                  | 24" VCP (E)      | 1.99                | HFS              |
|                  |                    | 24" VCP (W)      | 2.19                |                  |
| K-6D             | 8                  | 24" VCP (E)      | 1.85                | HFS              |
|                  |                    | 24" VCP (W)      | 1.82                |                  |
| K-6D             | 9                  | 18" RCP (N)      | 8.12                | HFS              |
|                  |                    | 24" RCP (E)      | 8.19                |                  |
|                  |                    | 15" RCP (S)      | 8.65                |                  |
| K-6D             | 10                 |                  | -                   | CNO              |
| K-6D             | 11                 | 24" RCP (E)      | 7.55                | C                |
|                  |                    | 24" RCP (W)      | 7.30                |                  |
|                  |                    | 15" VCP (N)      | 8.55                |                  |
|                  |                    | 15" VCP (S)      | 8.60                |                  |
| K-6D             | 12                 | 24" RCP (E)      | 6.94                | C                |
|                  |                    | 24" RCP (W)      | -                   |                  |
|                  |                    | 15" VCP (N)      | 8.12                |                  |
|                  |                    | 15" VCP (S)      | 8.12                |                  |
| K-6D             | 13                 | 24" RCP (E)      | 7.07                | C                |
|                  |                    | 24" RCP (W)      | 7.17                |                  |

| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| K-6D             | 14                 | 36" RCP (N)      | 5.28                | C                |
|                  |                    | 36" RCP (E)      | 5.28                |                  |
|                  |                    | 24" RCP (W)      | 5.28                |                  |
| K-6D             | 15                 | 36" RCP (E)      | 5.04                | C                |
|                  |                    | 36" RCP (W)      | 5.04                |                  |
| K-6D             | 16                 | 36" RCP (N)      | 5.75                | C                |
|                  |                    | 36" RCP (S)      | 5.75                |                  |
| K-6D             | 17                 | 36" RCP (E)      | 5.40                | C                |
|                  |                    | 36" RCP (W)      | 5.40                |                  |
| K-6D             | 18                 | 18" VCP (E)      | 4.73                | C                |
|                  |                    | 15" VCP (W)      | 7.85                |                  |
|                  |                    | 24" VCP (S)      | 4.71                |                  |
| K-6D             | 19                 | 24" VCP (N)      | 4.71                | C                |
|                  |                    | 24" VCP (S)      | 4.71                |                  |
| K-6D             | 20                 | 24" VCP (N)      | 6.79                | FWT              |
|                  |                    | 24" VCP (S)      | 6.79                |                  |
|                  |                    | 18" VCP (E)      | 6.79                |                  |
| K-6D             | 21                 | 24" VCP (N)      | 4.43                | C                |
|                  |                    | 24" VCP (S)      | 4.39                |                  |
| K-6D             | 22                 | 24" VCP (N)      | 4.24                | C                |
|                  |                    | 24" VCP (E)      | 4.19                |                  |
| K-6D             | 23                 |                  | -                   | CNO              |
| K-6D             | 24                 |                  | -                   | PO               |
| K-6D             | 25                 |                  | -                   | CNO              |
| K-6D             | 26                 | 36" VCP (W)      | -                   | C                |
|                  |                    | 36" VCP (E)      | -                   |                  |
|                  |                    | 15" VCP (N)      | -                   |                  |
|                  |                    | 15" VCP (S)      | -                   |                  |

INVENTORY

MAP K6d

existing drainage facilities  
CITY OF CHARLESTON

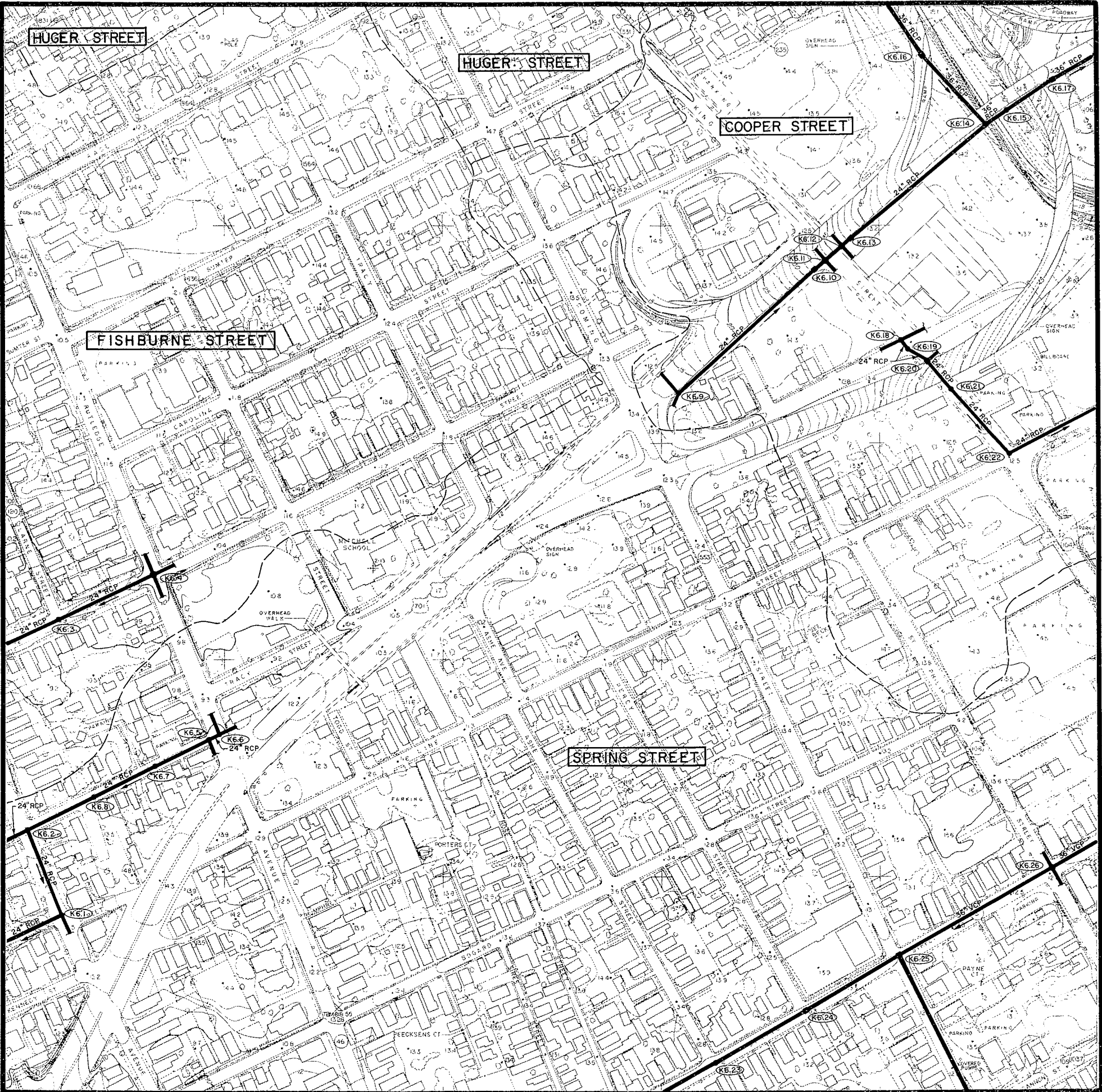
PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  |     | N6  |     | N5  |     |
| M7  |     | M6  |     | M5  |     |
| L7  |     | L6  |     | L5  |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c |     | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |

N

LEGEND

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





| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                            | INVERT ELEV.                    | CONDITION |
|-----------|-------------|----------------------------------------------------------------------|---------------------------------|-----------|
| K-6C      | 1           |                                                                      | -                               | PO        |
| K-6C      | 2           | 24" VCP (N)<br>24" VCP (S)<br>15" VCP (E)<br>15" VCP (W)             | 2.60<br>2.45<br>2.70<br>4.28    | C         |
| K-6C      | 3           |                                                                      | -                               | PO        |
| K-6C      | 4           | 24" VCP (N)<br>24" VCP (S)<br>12" VCP (W)                            | 3.56<br>3.56<br>-               | C         |
| K-6C      | 5           | 24" VCP (N)<br>24" VCP (S)                                           | 1.50<br>1.75                    | C         |
| K-6C      | 6           | 24" VCP (N)<br>15" VCP (S)<br>24" VCP (E)<br>24" VCP (W)             | 1.56<br>2.03<br>1.71<br>1.61    | C         |
| K-6C      | 7           | 24" VCP (E)<br>24" VCP (W)                                           | 1.54<br>1.51                    | C         |
| K-6C      | 8           | 24" VCP (E)<br>24" VCP (W)<br>24" VCP (S)                            | 0.15<br>0.20<br>1.30            | C         |
| K-6C      | 9           | 24" VCP (N)<br>24" VCP (S)                                           | 1.44<br>1.36                    | C         |
| K-6C      | 10          | 24" VCP (N)<br>24" VCP (S)                                           | 1.22<br>1.15                    | C         |
| K-6C      | 11          | 24" VCP (N)<br>24" VCP (E)<br>24" VCP (W)                            | 1.16<br>1.00<br>1.10            | HFS       |
| K-6C      | 12          | 24" VCP (E)<br>24" VCP (W)                                           | 0.10<br>-0.01                   | FWT       |
| K-6C      | 13          | 24" VCP (E)<br>24" VCP (W)                                           | 0.47<br>0.59                    | C         |
| K-6C      | 14          | 24" VCP (E)<br>24" VCP (W)                                           | 0.36<br>0.36                    | C         |
| K-6C      | 15          | 3.0'x4.0' Box (W)<br>24" VCP (E)<br>24" VCP (N)<br>4.0'x3.5' Box (S) | -0.70<br>0.38<br>-0.19<br>-0.19 | C         |
| K-6C      | 16          | 24" VCP (N)<br>24" VCP (S)                                           | 1.42<br>1.42                    | C         |
| K-6C      | 17          | 24" VCP (S)<br>12" VCP (W)<br>18" VCP (N)<br>18" VCP (E)             | 2.76<br>-<br>-<br>-             | C         |
| K-6C      | 18          | 24" VCP (E)<br>24" VCP (W)                                           | 0.76<br>0.86                    | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                            | INVERT ELEV.                   | CONDITION        |
|-----------|-------------|----------------------------------------------------------------------|--------------------------------|------------------|
| K-6C      | 19          | 24" VCP (E)<br>24" VCP (W)                                           | 0.47<br>0.73                   | HFS              |
| K-6C      | 20          | 24" VCP (E)<br>24" VCP (W)                                           | 0.78<br>0.70                   | HFS              |
| K-6C      | 21          | 24" VCP (E)<br>24" VCP (W)                                           | 0.62<br>0.13                   | C                |
| K-6C      | 22          |                                                                      | -                              | PO               |
| K-6C      | 23          | 24" VCP (E)<br>24" VCP (W)<br>4.0'x3.5' Box (S)<br>4.0'x3.5' Box (N) | 0.10<br>0.12<br>-0.51<br>-0.51 | C                |
| K-6C      | 24          | 24" VCP (E)<br>24" VCP (W)                                           | 0.00<br>-0.09                  | HFS              |
| K-6C      | 25          | 24" VCP (E)<br>24" VCP (W)                                           | 0.03<br>0.03                   | C                |
| K-6C      | 26          | 24" VCP (E)<br>24" VCP (W)                                           | 0.25<br>0.15                   | C                |
| K-6C      | 27          | 24" VCP (E)<br>24" VCP (W)                                           | 0.57<br>0.50                   | C                |
| K-6C      | 28          | 2.0' x 4' BOX (N)<br>2.0' x 4' BOX (S)<br>12" RCP (E)                | 1.96<br>1.96<br>2.11           | HFS<br>HFS<br>C  |
| K-6C      | 29          | 3.0'x4.0' Box (N)<br>3.0'x4.0' Box (S)                               | 0.49<br>0.49                   | C                |
| K-6C      | 30          | 2.1' x 4' BOX (E)<br>2.1' x 4' BOX (W)                               | 0.05<br>0.05                   | HFS              |
| K-6C      | 31          | 2.1' x 4' BOX (E)<br>2.1' x 4' BOX (W)                               | -0.25<br>-0.25                 | HFS              |
| K-6C      | 32          | 2.0' x 4' BOX                                                        | -                              | FWT              |
| K-6C      | 33          | 24" VCP (S)                                                          | 1.94                           | C                |
| K-6C      | 34          | 24" VCP (N)<br>24" VCP (E)<br>24" VCP (W)                            | 0.79<br>0.81<br>0.60           | C                |
| K-6C      | 34A         |                                                                      | -                              | Could not locate |
| K-6C      | 35          |                                                                      | -                              | CNO              |
| K-6C      | 36          | 36" RCP (N)<br>36" RCP (W)                                           | 2.83<br>2.82                   | C                |
| K-6C      | 37          |                                                                      | -                              | CNO              |
| K-6C      | 38          | 36" RCP (N)<br>36" RCP (S)                                           | 3.40<br>3.39                   | C                |

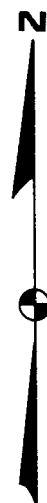
# INVENTORY

MAP K6c

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  |     |     |     |     |     |     |
|  | N7  |     | N6  |     | N5  |     |
|  |     |     |     |     |     |     |
|  | M7  |     | M6  |     | M5  |     |
|  |     |     |     |     |     |     |
|  | L7  |     | L6  |     | L5  |     |
|  |     |     |     |     |     |     |
|  | K7  | K6a | K6b | K5a | K5b |     |
|  | K7d |     | K6d | K5c | K5d | K4c |
|  | J7b | J6a | J6b | J5a | J5b | J4a |
|  |     | J6c | J6d | J5c | J5d | J4c |
|  |     |     | I6b | I5a | I5b | I4a |
|  |     |     |     | I5c | I5d |     |



## LEGEND

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



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(C)

(C)



# INVENTORY

MAP K5b

existing drainage facilities  
CITY OF CHARLESTON

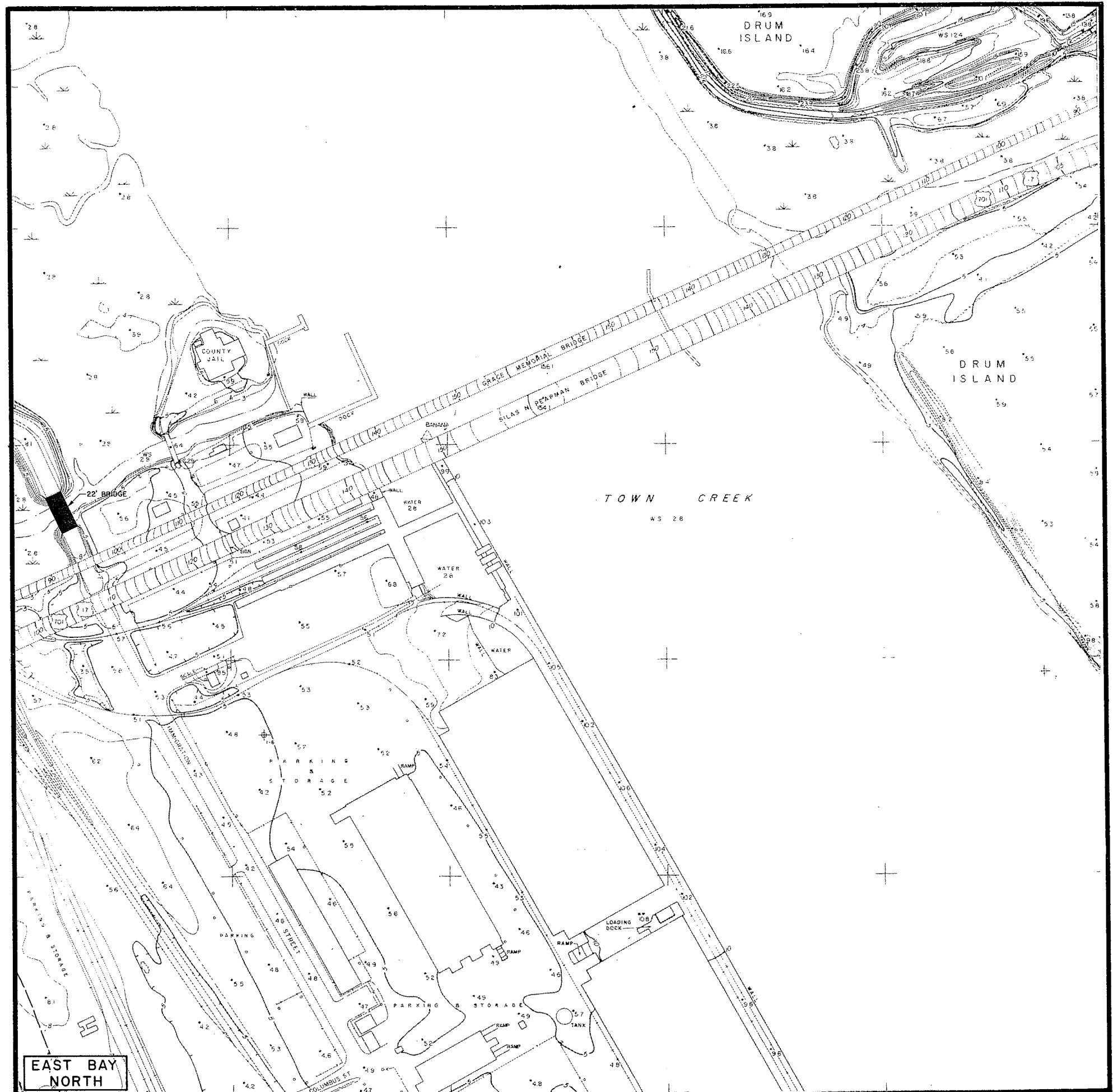
## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a |     |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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



| SHEET NO. | MANHOLE NO. | PIPE SIZE            | INVERT ELEV. | CONDITION            |
|-----------|-------------|----------------------|--------------|----------------------|
| K-5A      | 1           |                      | -            | PO                   |
| K-5A      | 2           | 18" VCP (N)          | 3.29         | C                    |
|           |             | 15" VCP (S)          | 3.29         |                      |
|           |             | 24" VCP (E)          | 1.09         |                      |
|           |             | 24" VCP (W)          | 1.07         |                      |
| K-5A      | 3           | 24" VCP (N)          | 0.69         | C                    |
|           |             | 24" VCP (W)          | 0.46         |                      |
|           |             | 24" VCP (E)          | 0.25         |                      |
| K-5A      | 4           | 24" VCP (S)          | -            | PO                   |
|           |             | 18" VCP (N)          | -            |                      |
|           |             | 12" VCP (W)          | -            |                      |
| K-5A      | 5           | 24" VCP (E)          | 0.01         | C                    |
|           |             | 24" VCP (W)          | -0.08        |                      |
| K-5A      | 5A          | 24" RCP (E)          | 1.71         | C                    |
|           |             | 24" RCP (W)          | 1.88         |                      |
|           |             | 15" RCP (S/E)        | 2.45         |                      |
| K-5A      | 6           | 24" VCP (E)          | -0.49        | C                    |
|           |             | 24" VCP (W)          | -0.55        |                      |
| K-5A      | 7           | 4.0' x 3.5' B.A. (E) | -0.65        | C                    |
|           |             | 30" VCP (S)          | -1.47        | FS                   |
|           |             | 24" VCP (W)          | -0.80        | FS                   |
|           |             | 24" VCP (N)          | -0.80        | FS                   |
| K-5A      | 8           | 18" VCP (N)          | 0.63         | C                    |
|           |             | 24" VCP (S)          | 0.69         | C                    |
|           |             | 18" VCP (W)          | 0.63         | C                    |
|           |             | 12" VCP (E)          | 0.85         | FS                   |
| K-5A      | 9           | 4.0' x 3.5' BOX      | 3.71         | C                    |
| K-5A      | 10          | 24" RCP              | 2.09         | C                    |
| K-5A      | 11          | 3.5' x 3.5' BOX (E)  | 0.21         | C                    |
|           |             | 3.5' x 3.5' BOX (W)  | 0.21         |                      |
|           |             | 24" RCP (N)          | 0.21         |                      |
| K-5A      | 11A         |                      | -            | Underground junction |
| K-5A      | 12          | 24" RCP (N)          | 0.15         | C                    |
|           |             | 24" RCP (S)          | 0.33         |                      |
| K-5A      | 13          | 24" RCP (N)          | 0.30         | C                    |
|           |             | 24" RCP (S)          | 0.03         |                      |
| K-5A      | 14          | 18" RCP (N)          | 0.90         | C                    |
|           |             | 24" RCP (S)          | 0.65         |                      |
| K-5A      | 15          | 24" RCP (E)          | 0.81         | C                    |
|           |             | 24" RCP (N)          | 0.58         |                      |
| K-5A      | 16          | 24" RCP (W)          | 0.53         | C                    |
|           |             | 24" RCP (S)          | 0.54         |                      |
| K-5A      | 17          | 18" RCP (N)          | 0.90         | C                    |
|           |             | 24" RCP (S)          | 0.65         |                      |
| K-5A      | 18          | 18" RCP              | 2.10         | C                    |
| K-5A      | 19          | 18" RCP              | 2.26         | C                    |
| K-5A      | 20          | 30" RCP              | 0.28         | C                    |
| K-5A      | 21          | 54" RCP              | -1.29        | C                    |
| K-5A      | 22          | 30" RCP (E)          | 0.28         | C                    |
|           |             | 30" RCP (S)          | 0.40         |                      |
| K-5A      | 22.1        | 54" RCP (E)          | -2.30        | C                    |
|           |             | 24" RCP (W)          | 0.17         |                      |
|           |             | 54" RCP (S)          | -2.42        |                      |
| K-5A      | 22.2        | 24" RCP (E)          | 0.00         | C                    |
|           |             | 18" RCP (W)          | 0.17         |                      |
|           |             | 18" RCP (S)          | 0.14         |                      |
| K-5A      | 22.3        |                      | -            | PO                   |
| K-5A      | 23          | 30" RCP (N)          | 0.74         | C                    |
|           |             | 30" RCP (S/W)        | 0.74         |                      |
|           |             | 18" RCP (S)          | 0.68         |                      |
| K-5A      | 24          | 30" RCP (N/E)        | 1.53         | C                    |
|           |             | 30" RCP (S/W)        | 1.48         |                      |
| K-5A      | 25          | 30" RCP (N/E)        | 1.30         | C                    |
|           |             | 18" RCP (N/W)        | 2.51         |                      |
|           |             | 18" RCP (W)          | 2.55         |                      |
|           |             | 24" RCP (S)          | 1.28         |                      |

| SHEET NO. | MANHOLE NO. | PIPE SIZE     | INVERT ELEV. | CONDITION                                   |
|-----------|-------------|---------------|--------------|---------------------------------------------|
| K-5A      | 26          | 24" RCP (N)   | 2.33         | C                                           |
|           |             | 24" RCP (S)   | 2.09         |                                             |
| K-5A      | 27          | 24" RCP (N)   | 3.80         | C                                           |
|           |             | 24" RCP (S)   | 3.80         |                                             |
| K-5A      | 28          | 24" RCP (N)   | 3.87         | C                                           |
|           |             | 18" RCP (S)   | 3.97         |                                             |
| K-5A      | 29          | 30" VCP (W)   | -0.57        | C                                           |
|           |             | 30" VCP (S)   | -0.89        |                                             |
|           |             | 30" VCP (N)   | -0.68        |                                             |
| K-5A      | 30          |               | -            | FS                                          |
| K-5A      | 31          | 30" VCP (E)   | -1.64        | HFS                                         |
|           |             | 30" VCP (W)   | -1.64        |                                             |
| K-5A      | 32          | 30" VCP (E)   | 0.31         | C                                           |
|           |             | 30" VCP (W)   | 0.16         |                                             |
|           |             | 15" VCP (N)   | 0.63         |                                             |
|           |             | 18" VCP (S)   | 0.38         |                                             |
| K-5A      | 33          | 30" VCP (E)   | 0.73         | C                                           |
|           |             | 30" VCP (W)   | 0.69         |                                             |
|           |             | 18" VCP (N)   | 1.32         |                                             |
|           |             | 18" VCP (S)   | 0.79         |                                             |
| K-5A      | 34          | 30" VCP (E)   | 0.92         | C                                           |
|           |             | 30" VCP (W)   | 0.72         |                                             |
| K-5A      | 35          |               | -            | PO                                          |
| K-5A      | 36          | 30" VCP (E)   | 1.72         | C                                           |
|           |             | 24" VCP (W)   | 1.52         |                                             |
| K-5A      | 37          | 24" VCP (E)   | 1.07         | C                                           |
|           |             | 24" VCP (S)   | 1.12         |                                             |
|           |             | 24" VCP (N)   | 1.22         |                                             |
|           |             | 18" VCP (W)   | 4.03         |                                             |
| K-5A      | 38          | 24" VCP (S)   | 1.70         | C                                           |
|           |             | 24" VCP (N)   | 1.60         |                                             |
| K-5A      | 39          | 24" VCP (N)   | 0.36         | C                                           |
|           |             | 18" VCP (E)   | -            |                                             |
|           |             | 18" VCP (W)   | -            |                                             |
|           |             | 15" VCP (S)   | -            |                                             |
| K-5A      | 40          | 24" VCP (N)   | -            | Pipe full of sand<br>HFS<br>HFS w/tide gate |
|           |             | 24" VCP (S)   | -1.11        |                                             |
|           |             | 15" VCP (N/E) | 2.24         |                                             |
|           |             | 30" RCP (W)   | -            |                                             |
| K-5A      | 41          | 30" VCP (N)   | -0.57        | C                                           |
|           |             | 30" VCP (S)   | -0.76        |                                             |
|           |             | 42" VCP (E)   | -0.34        |                                             |
|           |             | 42" VCP (W)   | -0.22        |                                             |
| K-5A      | 41A         |               | -            | PO                                          |
| K-5A      | 42          | 42" VCP (E)   | 1.54         | C                                           |
|           |             | 42" VCP (W)   | 1.62         |                                             |
| K-5A      | 43          |               | -            | CNO                                         |
| K-5A      | 44          |               | -            | CNO                                         |
| K-5A      | 45          |               | -            | CNO                                         |
| K-5A      | 46          | 24" RCP (E)   | 0.04         | C                                           |
|           |             | 24" RCP (W)   | 0.14         |                                             |
| K-5A      | 47          | 24" RCP (E)   | 0.63         | C                                           |
|           |             | 24" RCP (W)   | 1.25         |                                             |
| K-5A      | 48          |               | -            | CNO                                         |
| K-5A      | 49          |               | -            | CNO                                         |
| K-5A      | 50          | 30" RCP (E)   | 0.50         | C                                           |
|           |             | 24" RCP (W)   | 0.93         |                                             |
|           |             | 24" RCP (S)   | -            |                                             |
| K-5A      | 51          | 24" VCP (N)   | -0.92        | FS                                          |
|           |             | 24" VCP (S)   | -0.98        |                                             |
| K-5A      | 52          | 18" VCP (W)   | -0.20        | C                                           |
|           |             | 24" VCP (N)   | -0.36        |                                             |
|           |             | 18" VCP (S)   | -            |                                             |
|           |             | 18" VCP (E)   | -            |                                             |

INVENTORY

MAP K5a

existing drainage facilities  
CITY OF CHARLESTON

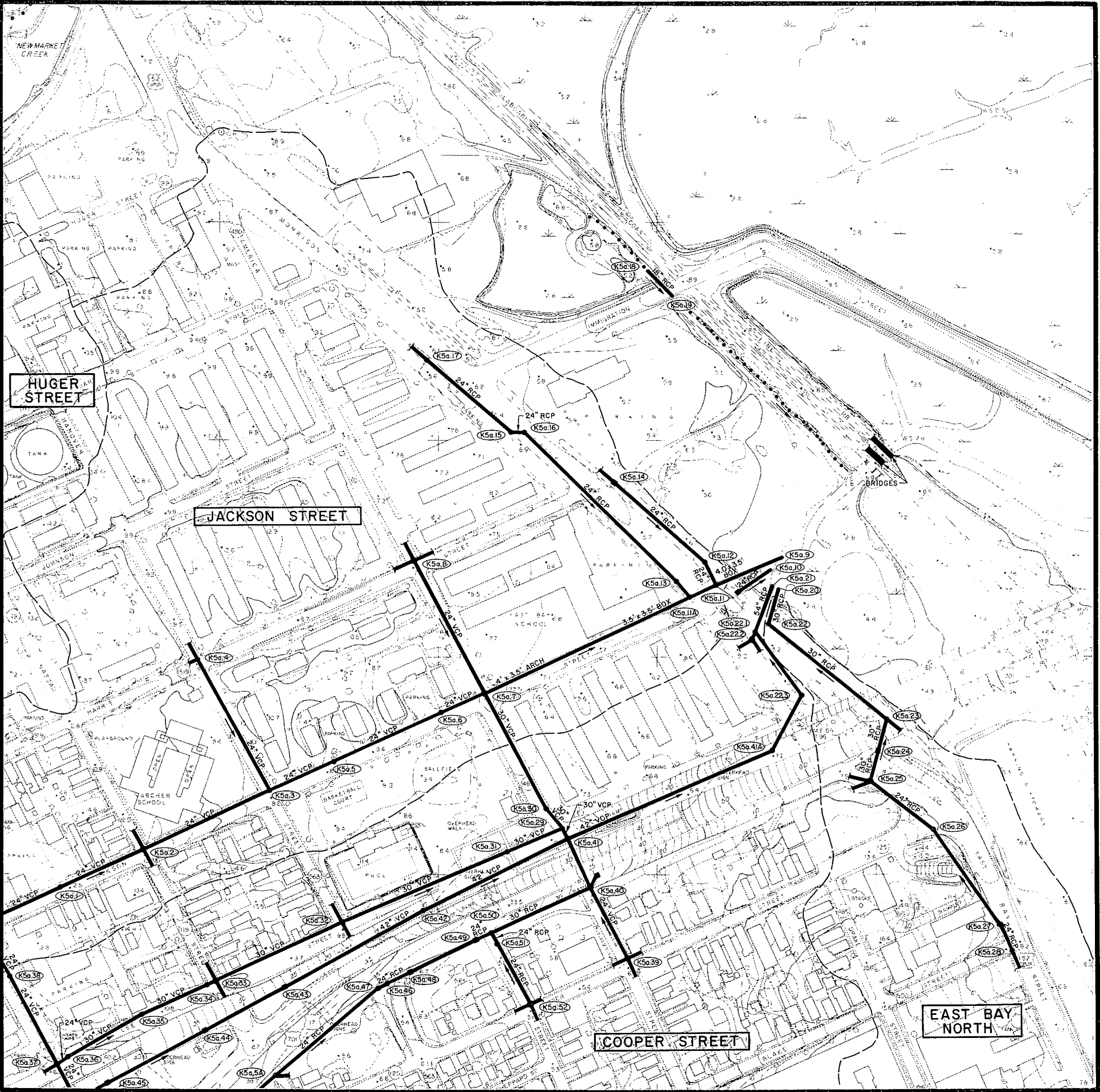
PENINSULAR AREA

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
|     |     |     |     |     |
| N7  | N6  | N5  |     |     |
| M7  | M6  | M5  |     |     |
| L7  | L6  | L5  |     |     |
| K7  | K6a | K6b | K5b |     |
| K7d | K6c | K6d | K5c | K5d |
| J7b | J6a | J6b | J5a | J5b |
|     | J6c | J6d | J5c | J5d |
|     |     | I6b | I5a | I5b |
|     |     |     | I5c | I5d |



LEGEND

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



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                | INVERT ELEV.                 | CONDITION |
|-----------|-------------|----------------------------------------------------------|------------------------------|-----------|
| K-6B      | 1           | 15" VCP (E)<br>24" VCP (S)<br>18" VCP (W)                | 3.53<br>3.52<br>3.73         | C         |
| K-6B      | 2           | 24" VCP (N)<br>24" VCP (S)                               | 2.81<br>2.81                 | C         |
| K-6B      | 3           | 24" VCP (N)<br>24" VCP (S)<br>30" VCP (E)<br>18" VCP (W) | 2.24<br>2.44<br>1.99<br>2.31 | C         |
| K-6B      | 4           | -                                                        | -                            | PO        |
| K-6B      | 5           | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (E)<br>18" VCP (W) | 3.04<br>3.10<br>-<br>-       | C         |
| K-6B      | 6           |                                                          | -                            | PO        |
| K-6B      | 7           |                                                          | -                            | PO        |
| K-6B      | 8           | 30" VCP (E)<br>30" VCP (W)                               | 1.50<br>1.46                 | C         |
| K-6B      | 9           | 30" VCP (E)<br>30" VCP (W)<br>24" VCP (S)                | 0.77<br>0.77<br>1.67         | C         |
| K-6B      | 10          | 24" VCP (N)<br>24" VCP (S)                               | 1.95<br>2.33                 | C         |
| K-6B      | 11          | 24" VCP                                                  | 3.12                         | C         |
| K-6B      | 12          |                                                          | -                            | PO        |
| K-6B      | 13          | 30" VCP (E)<br>30" VCP (W)                               | 0.79<br>0.79                 | C         |
| K-6B      | 14          | 30" VCP (N)<br>18" VCP (E)<br>24" VCP (S)<br>30" VCP (W) | 0.43<br>0.38<br>0.43<br>0.63 | C         |
| K-6B      | 15          | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (E)<br>18" VCP (W) | 1.31<br>1.16<br>-<br>-       | C         |
| K-6B      | 16          | 24" VCP (N)<br>24" VCP (S)                               | 2.01<br>1.97                 | C         |
| K-6B      | 17          | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (E)                | 2.27<br>2.24<br>-            | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                 | INVERT ELEV.         | CONDITION |
|-----------|-------------|-------------------------------------------|----------------------|-----------|
| K-6B      | 18          | 24" VCP (N)<br>24" VCP (S)<br>18" RCP (W) | 2.68<br>2.73<br>2.68 | C         |
| K-6B      | 19          | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (E) | 3.03<br>3.16<br>3.27 | C         |
| K-6B      | 20          | 24" VCP (N)<br>24" VCP (S)                | 2.80<br>2.65         | C         |
| K-6B      | 21          | 24" VCP (N)<br>24" VCP (S)<br>24" VCP (E) | 2.05<br>2.05<br>2.05 | C         |
| K-6B      | 22          | 2.4' x 10' B.A.                           | 0.89                 | HFS       |
| K-6B      | 23          | 60" CMP (S)<br>60" CMP (N)                | -1.47<br>-2.18       | C         |
| K-6B      | 25          | 24" CMP                                   | -0.68                | C         |
| K-6B      | 26          | 30" VCP (N)<br>30" VCP (E)                | -1.27<br>-1.27       | FWT       |
| K-6B      | 27          | 24" RCP                                   | 2.38                 | C         |
| K-6B      | 28          | 24" RCP                                   | 2.30                 | C         |
| K-6B      | 29          | 24" RCP (E)<br>30" RCP (W)                | 7.49<br>7.52         | C         |
| K-6B      | 30          | 24" RCP (E)<br>24" RCP (W)                | 7.72<br>7.72         | C         |
| K-6B      | 31          | 24" RCP (E)<br>24" RCP (W)                | 7.86<br>7.86         | C         |
| K-6B      | 32          | 24" RCP (W)                               | 8.05                 | C         |
| K-6B      | 33          |                                           | -                    | CNO       |
| K-6B      | 34          | 30" RCP (N)<br>36" RCP (S)                | 6.86<br>7.02         | C         |
| K-6B      | 35          | 36" RCP (N)<br>36" RCP (S)<br>15" RCP (E) | 5.95<br>6.46<br>8.26 | C         |

INVENTORY

MAP K6b

existing drainage facilities  
CITY OF CHARLESTON

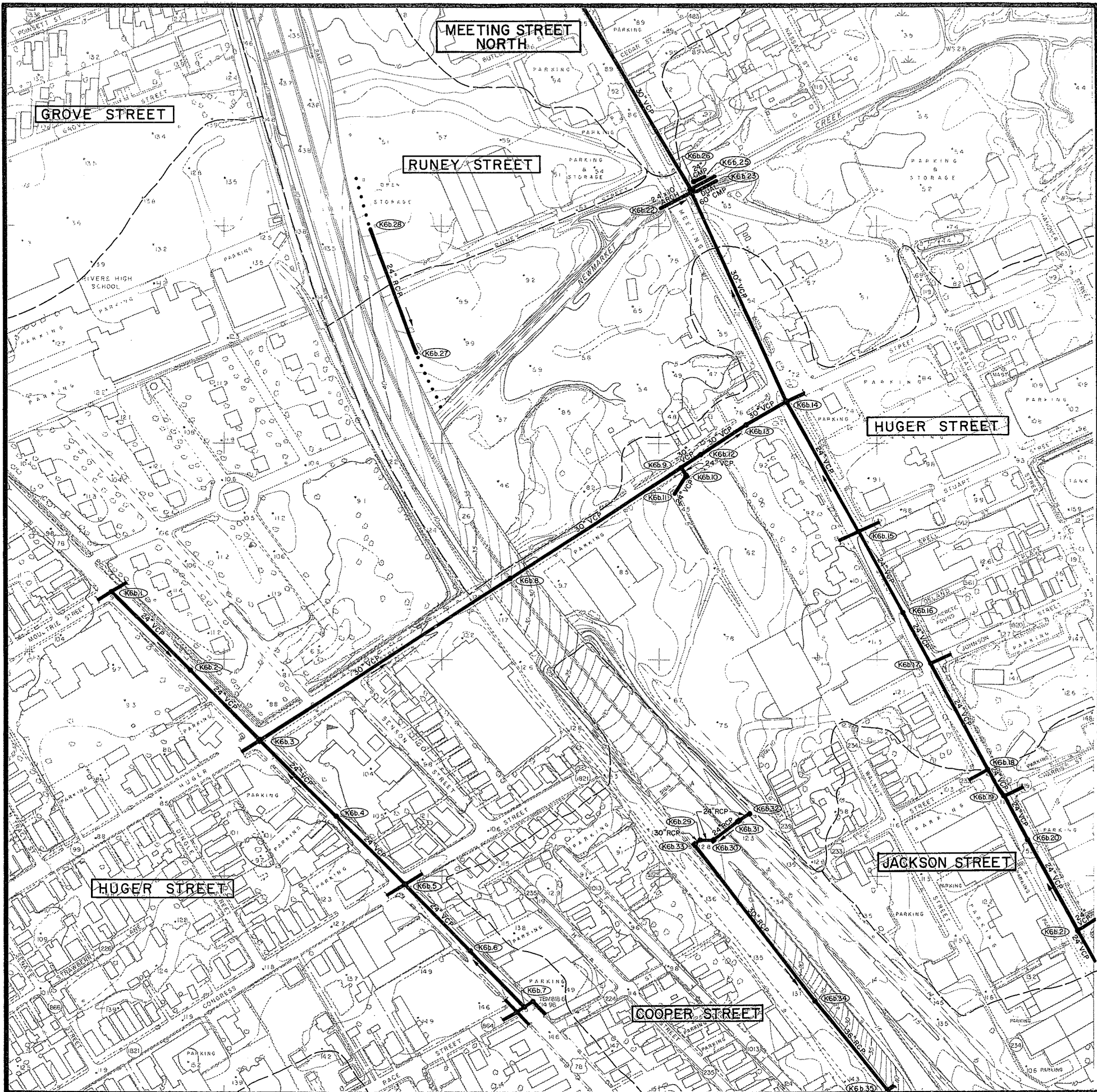
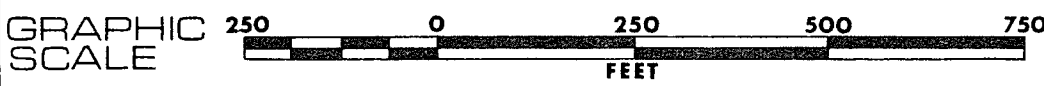
PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  |     |     |     |     | L5  |
| K7  | K6a |     | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



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> |
|------------------|--------------------|------------------|---------------------|------------------|
| K-6A             | 1                  | 30" VCP (E)      | 0.90                | C                |
|                  |                    | 30" VCP (W)      | 0.90                |                  |
|                  |                    | 24" VCP (N)      | 0.93                |                  |
|                  |                    | 18" VCP (S)      | -                   |                  |
| K-6A             | 2                  | 24" VCP (E)      | 1.41                | C                |
|                  |                    | 30" VCP (W)      | 1.37                |                  |
|                  |                    | 15" VCP (S)      | -                   |                  |
| K-6A             | 3                  | 24" VCP (E)      | 1.87                | C                |
|                  |                    | 24" VCP (W)      | 1.94                |                  |
| K-6A             | 4                  |                  | -                   | PO               |
| K-6A             | 5                  | 24" VCP (N)      | 2.08                | C                |
|                  |                    | 24" VCP (W)      | 2.07                |                  |
| K-6A             | 6                  | 24" VCP (N)      | 2.65                | C                |
|                  |                    | 24" VCP (S)      | 2.61                |                  |
| K-6A             | 7                  | 24" VCP (N)      | 2.47                | C                |
|                  |                    | 24" VCP (S)      | 2.46                |                  |
| K-6A             | 8                  | 18" VCP (N)      | 3.99                | C                |
|                  |                    | 18" VCP (S)      | 3.99                |                  |



# INVENTORY

MAP K6a

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

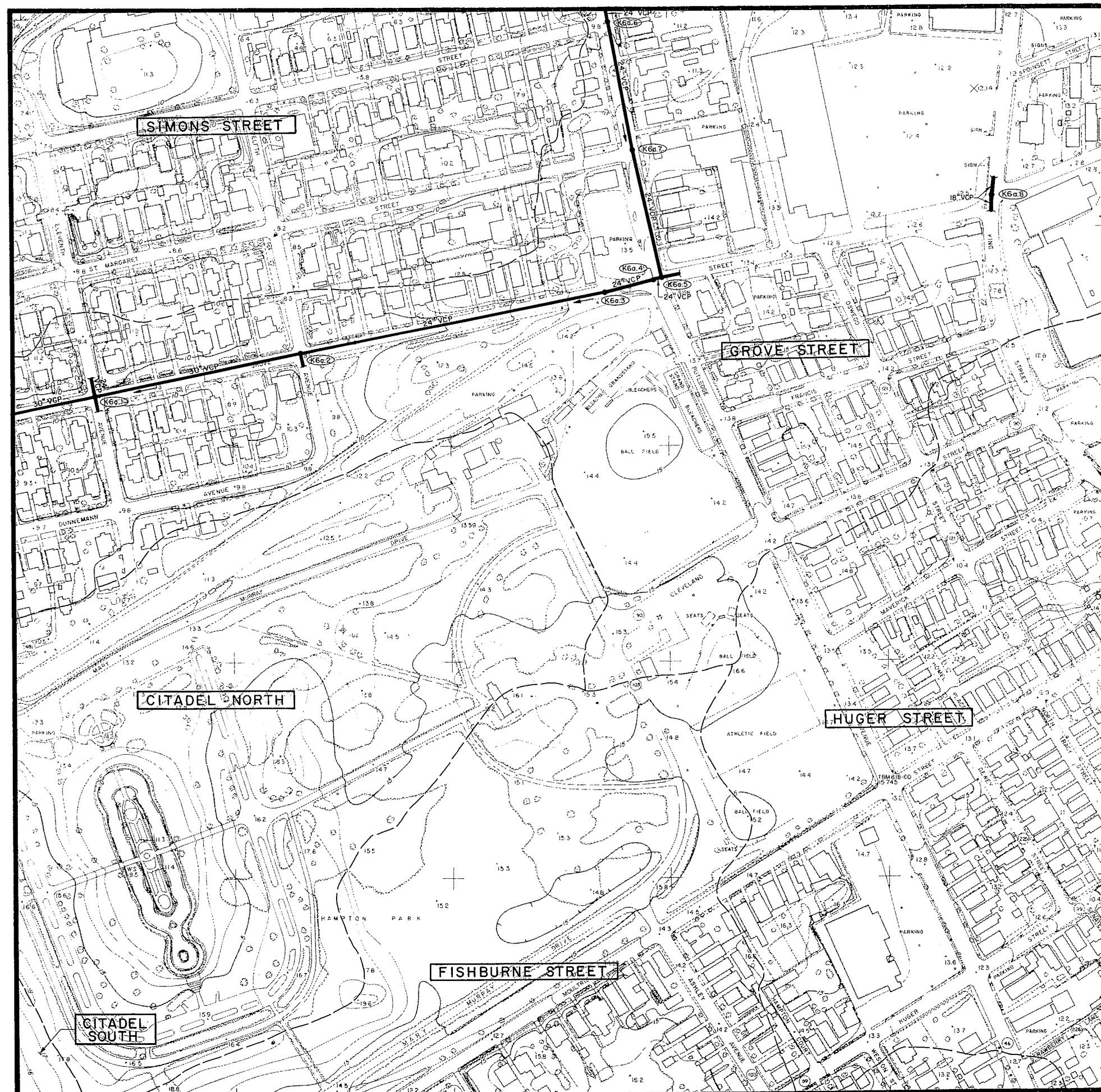
|     |     |     |
|-----|-----|-----|
| N7  | N6  | N5  |
| M7  | M6  | M5  |
| L7  | L6  | L5  |
| K7  | K6b | K5a |
| K7d | K6c | K5d |
| J7b | J6a | J5b |
| J6c | J6d | J5d |
| I6b | I5a | I5b |
| I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET





| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>             | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------------------|---------------------|------------------|
| K-7D             | 1                  | 36" RCP                      | 2.07                | C                |
| K-7D             | 2                  | 36" RCP (N)<br>36" RCP (S)   | 3.44<br>3.43        | C                |
| K-7D             | 3                  | 36" RCP (N)<br>36" RCP (S)   | 3.60<br>3.60        | C                |
| K-7D             | 4                  | 30" RCP (N)<br>36" RCP (S)   | 3.57<br>3.56        | C                |
| K-7D             | 5                  | 30" RCP (E)<br>30" RCP (S)   | 3.83<br>3.83        | C                |
| K-7D             | 6                  | 24" RCP (N)<br>30" RCP (W)   | 4.35<br>4.35        | C                |
| K-7D             | 7                  | 24" RCP (N)<br>24" RCP (S/W) | 5.18<br>5.18        | C                |
| K-7D             | 8                  | 24" RCP (N/E)<br>24" RCP (S) | 7.02<br>6.37        | C                |
| K-7D             | 9                  | 24" RCP (N)<br>24" RCP (S)   | 7.21<br>7.18        | C                |
| K-7D             | 10                 | 24" RCP (N)<br>24" RCP (S)   | 7.25<br>7.25        | C                |
| K-7D             | 11                 | 24" RCP (S)                  | 7.96                | C                |

# INVENTORY

MAP K7d

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

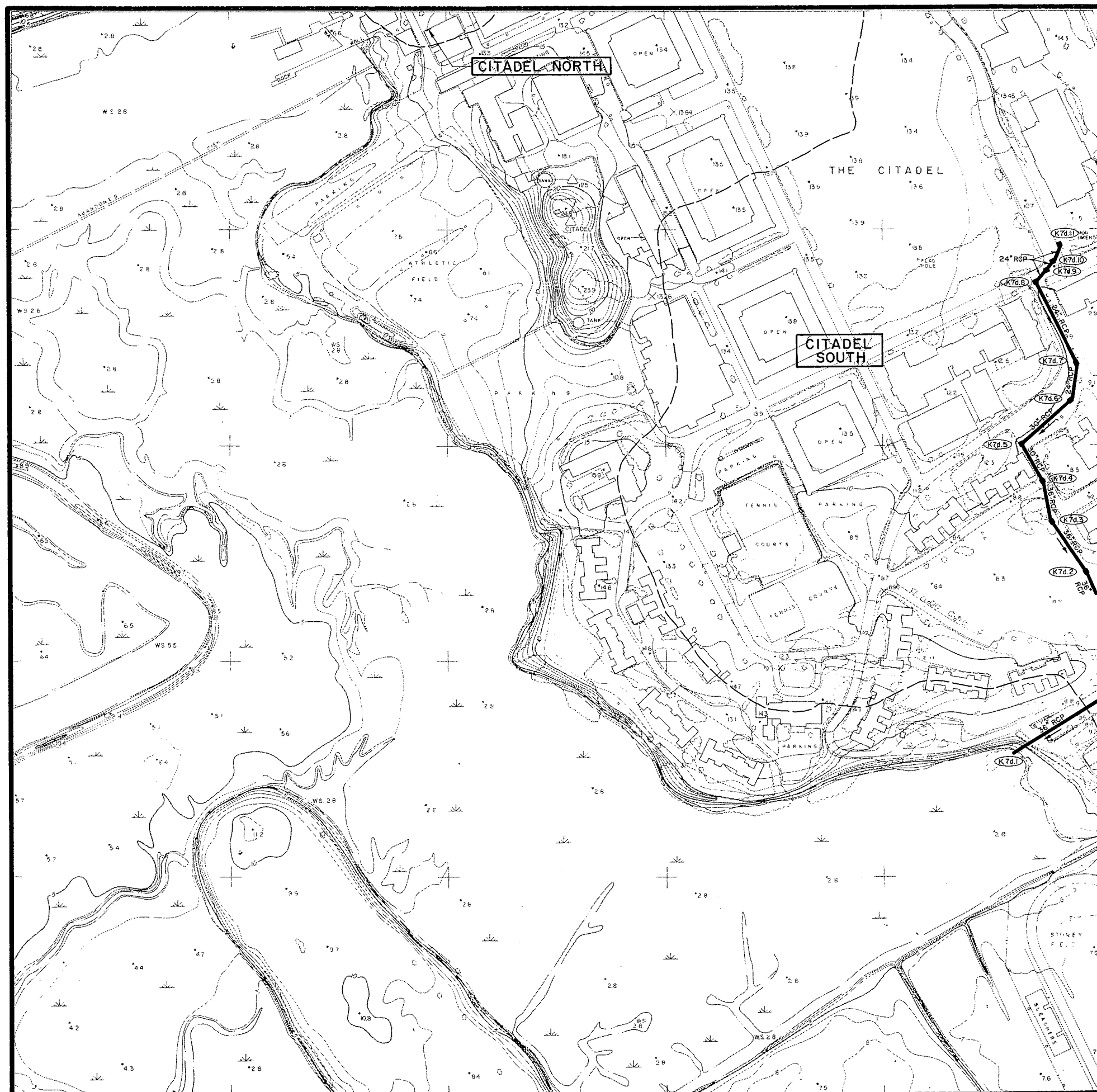
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
|     | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                            | INVERT ELEV.                     | CONDITION |
|-----------|-------------|----------------------------------------------------------------------|----------------------------------|-----------|
| K-7       | 1           | 3.0' x 3.5' Box                                                      | -2.28                            | C         |
| K-7       | 2           | 3.5'x3.0' Box (E)<br>3.5'x3.0' Box (W)<br>12" VCP (N)<br>12" VCP (S) | -1.75<br>-1.77<br>-<br>-         | C         |
| K-7       | 3           |                                                                      |                                  | PO        |
| K-7       | 4           | 3.5'x3.0' Box (E)<br>3.5'x3.0' Box (W)                               | -1.33<br>-1.27                   | C         |
| K-7       | 5           | 15" RCP                                                              | 2.05                             | C         |
| K-7       | 6           |                                                                      |                                  | PO        |
| K-7       | 7           | 3.5'x3.0' Box (E)<br>3.5'x3.0' Box (W)<br>24" VCP (N)<br>24" VCP (S) | -0.93<br>-0.93<br>-0.53<br>-0.92 | C         |
| K-7       | 8           | 24" VCP (N)<br>18" VCP (E)                                           | -0.68                            | C         |
| K-7       | 9           | 18" RCP (N)<br>24" RCP (S)<br>12" RCP (E)<br>12" RCP (W)             | -0.36<br>-0.36<br>0.21<br>-0.28  | C         |
| K-7       | 10          | 2.5'x3.5' Box (E)<br>3.0'x3.6' Box (W)                               | -0.19<br>-0.19                   | C         |
| K-7       | 11          | 24" RCP (E)<br>24" RCP (W)                                           | 1.27<br>1.24                     | C         |
| K-7       | 12          |                                                                      |                                  | PO        |
| K-7       | 13          | 15" VCP (E)<br>15" VCP (W)<br>15" VCP (N)<br>15" VCP (S)             | 0.21<br>0.19<br>-<br>-           | C         |
| K-7       | 14          |                                                                      |                                  | PO        |
| K-7       | 15          | 3.5'x3.0' Box (E)<br>3.5'x3.0' Box (W)<br>12" VCP (N)<br>12" VCP (S) | 0.10<br>0.10<br>-<br>-           | C         |
| K-7       | 16          |                                                                      |                                  | PO        |
| K-7       | 17          | 3.5'x3.0' Box (E)<br>3.5'x3.0' Box (W)<br>12" VCP (N)<br>12" VCP (S) | 0.39<br>0.23<br>-<br>-           | C         |
| K-7       | 19          | Dual 30" RCP                                                         | 0.20                             | C         |

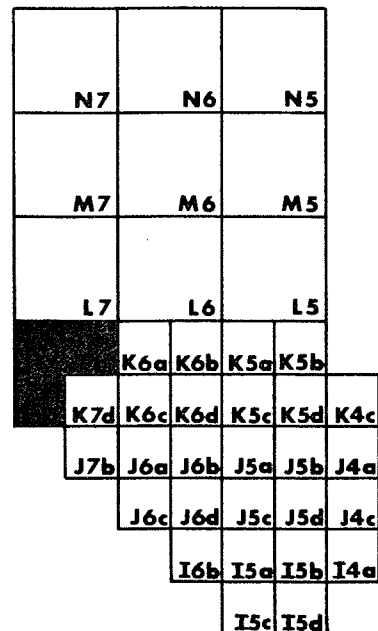
| SHEET NO. | MANHOLE NO. | PIPE SIZE                    | INVERT ELEV.   | CONDITION                 |
|-----------|-------------|------------------------------|----------------|---------------------------|
| K-7       | 20          | Dual 30" RCP                 | 0.22           | C                         |
| K-7       | 22          | 15" RCP                      | 1.01           | C                         |
| K-7       | 22A         | -                            | -              | Outfall<br>Underwater     |
| K-7       | 23          | 18" RCP (E)<br>24" RCP (W)   | 9.27<br>8.87   | C                         |
| K-7       | 24          | 24" RCP (E)<br>24" RCP (W)   | 8.47<br>8.37   | C                         |
| K-7       | 25          | 24" RCP (E)<br>24" RCP (W)   | 8.26<br>8.14   | C                         |
| K-7       | 26          | 24" RCP (E)<br>24" RCP (W)   | 7.63<br>7.52   | C                         |
| K-7       | 27          | 24" RCP (E)<br>24" RCP (W)   | 6.90<br>6.86   | C                         |
| K-7       | 28          | 24" RCP (E)<br>24" RCP (W)   | 5.59<br>5.54   | C                         |
| K-7       | 29          | 24" RCP (E)<br>24" RCP (W)   | 4.82<br>4.73   | C                         |
| K-7       | 30          | 24" RCP (E)<br>24" RCP (W)   | 3.97<br>3.96   | C                         |
| K-7       | 31          | 24" RCP                      | 2.77           | C                         |
| K-7       | 32          | 24" RCP (N)<br>24" RCP (S)   | 1.32<br>0.32   | C                         |
| K-7       | 33          | 24" RCP (N)<br>24" CMP (S)   | -0.32<br>-0.32 | C<br>Tide Gate on<br>Pipe |
| K-7       | 34          | 24" CMP                      | -0.92          | C                         |
| K-7       | 35          | 24" RCP (N)                  | -0.49          | C                         |
| K-7       | 36          | 24" RCP (N/W)<br>24" RCP (S) | -0.21<br>-0.46 | C                         |
| K-7       | 37          | 24" RCP (N)<br>24" VCP (S)   | 0.29<br>-      | C                         |
| K-7       | 38          | 24" VCP (N)<br>24" VCP (S/W) | 0.20<br>0.24   | C                         |
| K-7       | 39          | 24" VCP (N)<br>24" VCP (S)   | -0.09<br>-0.35 | C                         |
| K-7       | 40          | 24" VCP (N/W)<br>24" VCP (S) | 0.67<br>0.77   | C                         |

# INVENTORY

MAP K7

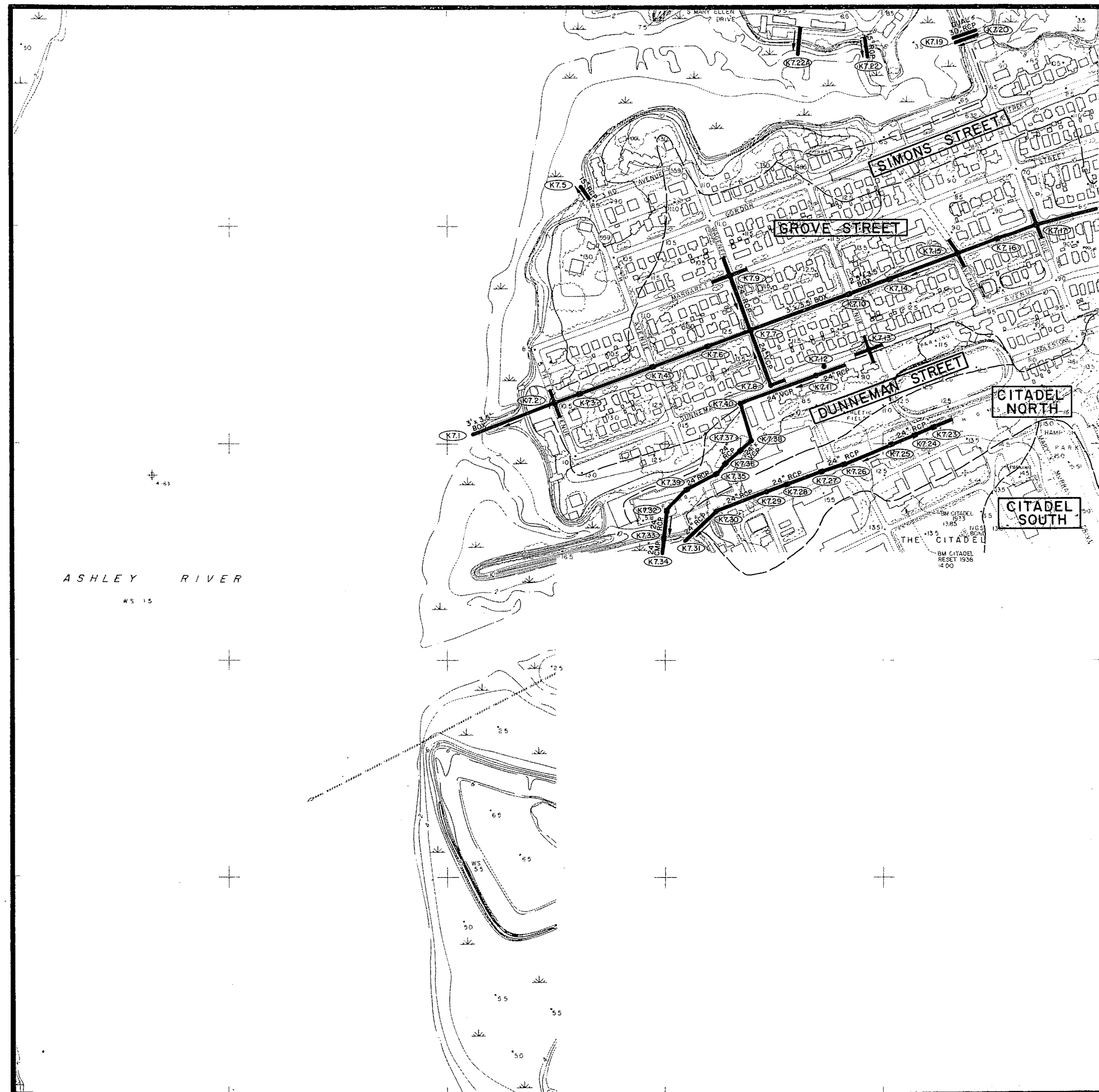
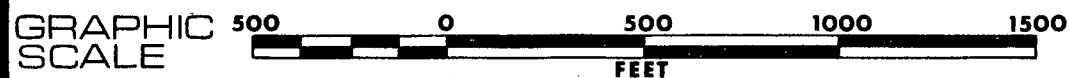
existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA



## 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>        |
|------------------|--------------------|-------------------|---------------------|-------------------------|
| L-5              | 1                  | Dual 6.0'x10' Box | -1.14               | C                       |
| L-5              | 3                  | Dual 6.0'x10' Box | 0.11                | C                       |
| L-5              | 49                 | 30" RCP           | -                   | Could not<br>locate end |
| L-5              | 55                 | 24" RCP           | 1.52                | C                       |

# INVENTORY

MAP L5

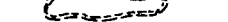
existing drainage facilities  
CITY OF CHARLESTON

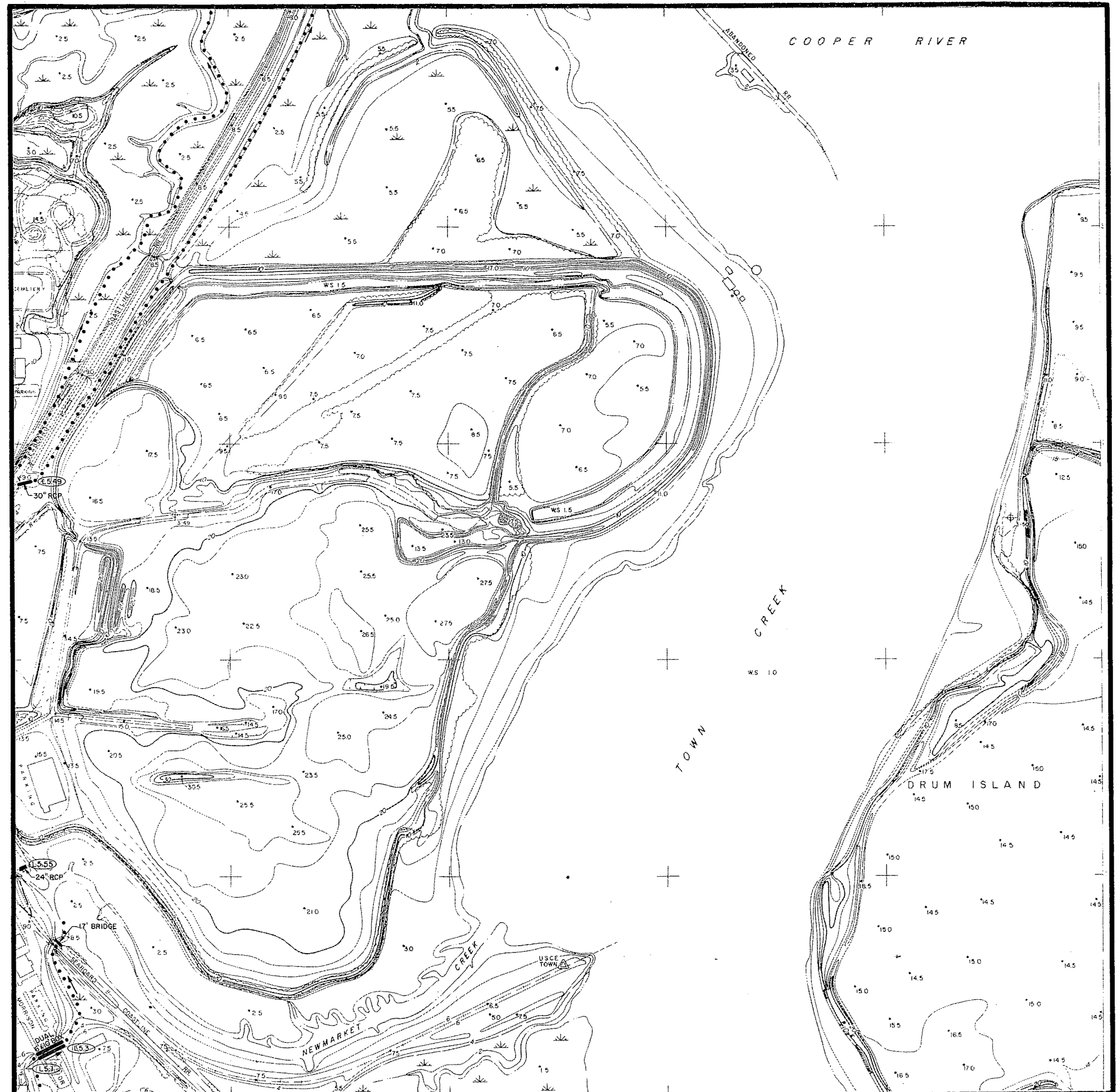
## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  |     |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

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





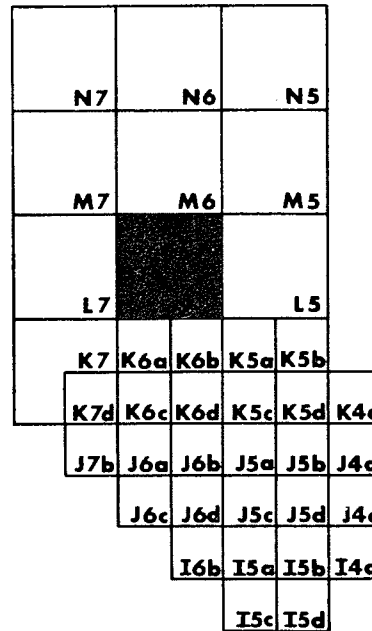
| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                | INVERT ELEV.                  | CONDITION |
|-----------|-------------|----------------------------------------------------------|-------------------------------|-----------|
| L-6       | 1           | 18" RCP                                                  | 2.50                          | C         |
| L-6       | 2           | 18" RCP                                                  | 2.74                          | C         |
| L-6       | 3           | 18" VCP (N)<br>24" VCP (S)<br>15" VCP (E)<br>15" VCP (W) | 3.06<br>3.21<br>3.11<br>3.06  | C         |
| L-6       | 4           | 18" VCP (N)<br>24" VCP (S)<br>12" VCP (E)<br>15" VCP (W) | 3.59<br>3.72<br>3.89<br>3.57  | C         |
| L-6       | 5           | 24" VCP (N)<br>24" VCP (S)                               | 3.38<br>3.45                  | HFS       |
| L-6       | 6           |                                                          |                               | PO        |
| L-6       | 7           | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (W)                | 3.26<br>3.26<br>3.40          | C         |
| L-6       | 8           | 24" VCP (N)<br>24" VCP (S)                               | 2.99<br>3.09                  | C         |
| L-6       | 9           |                                                          |                               | PO        |
| L-6       | 10          |                                                          |                               | PO        |
| L-6       | 11          |                                                          |                               | PO        |
| L-6       | 12          |                                                          |                               | PO        |
| L-6       | 13          |                                                          |                               | PO        |
| L-6       | 14          | 24" VCP (N)<br>24" VCP (S)<br>18" VCP (W)<br>18" VCP (E) | 2.44<br>2.25<br>2.38<br>2.59  | C         |
| L-6       | 15          |                                                          |                               | PO        |
| L-6       | 16          |                                                          |                               | PO        |
| L-6       | 17          |                                                          |                               | PO        |
| L-6       | 17A         |                                                          |                               | PO        |
| L-6       | 18          | 24" RCP (N)                                              | 8.70                          | C         |
| L-6       | 19          | 30" RCP (N)<br>24" RCP (S)<br>12" RCP (E)<br>24" RCP (W) | 8.65<br>8.99<br>9.71<br>8.88  | HFS       |
| L-6       | 20          | 12" RCP (N)<br>18" RCP (S)<br>24" RCP (E)<br>12" VCP (W) | 11.30<br>9.18<br>9.34<br>9.18 | C         |
| L-6       | 21          | 30" RCP (N)<br>30" RCP (S)                               | 8.68<br>8.60                  | C         |
| L-6       | 22          | 36" RCP (N)<br>30" RCP (S)<br>15" RCP (E)<br>15" RCP (W) | 7.97<br>8.37<br>8.52<br>8.36  | C         |
| L-6       | 23          | 36" RCP (E)<br>36" RCP (W)                               | 8.40<br>8.42                  | C         |
| L-6       | 24          | 36" RCP (N)<br>36" RCP (E)<br>12" RCP (S/W)              | 8.33<br>8.19<br>10.30         | C         |
| L-6       | 25          | 24" RCP (S)<br>24" RCP (N/E)<br>12" RCP (W)              | 9.09<br>9.21<br>9.44          | C         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                 | INVERT ELEV.         | CONDITION                |
|-----------|-------------|-------------------------------------------|----------------------|--------------------------|
| L-6       | 26          |                                           |                      | CNO                      |
| L-6       | 27          | 24" RCP                                   | 9.67                 | C                        |
| L-6       | 28          | 36" RCP (N)<br>36" RCP (S)<br>24" RCP (E) | 7.54<br>7.58<br>8.00 | C                        |
| L-6       | 29          | 24" RCP (W)<br>15" RCP (S)                | 8.25<br>8.69         | C<br>Outfall not located |
| L-6       | 30          | 36" RCP (N)<br>36" RCP (S)                | 6.89<br>7.09         | C                        |
| L-6       | 31          | 36" RCP (N)<br>36" RCP (S)<br>18" RCP (E) | 5.03<br>5.03         | C                        |
| L-6       | 31A         |                                           |                      | CNO                      |
| L-6       | 32          | 6.3' x 4' B.A.                            | -3.15                | C with slide gate        |
| L-6       | 33          | 6.3' x 4' B.A.                            | -1.90                | C                        |
| L-6       | 34          | 5' x 4' B.A.                              | -1.32                | C                        |
| L-6       | 35          | 5' x 4' B.A.                              | -1.34                | C                        |
| L-6       | 36          | 24" RCP                                   | 2.80                 | C                        |
| L-6       | 37          | 24" RCP (N)<br>24" RCP (S)                | 2.26<br>2.26         | C                        |
| L-6       | 38          | 24" RCP (N)<br>24" RCP (S)                | 1.16<br>1.16         | C                        |
| L-6       | 39          | 24" RCP                                   | 2.10                 | HFS                      |
| L-6       | 40          | 24" RCP                                   | 3.23                 | C                        |
| L-6       | 41          | 24" RCP                                   | 4.37                 | C                        |
| L-6       | 42          | 36" RCP                                   | 0.22                 | C                        |
| L-6       | 43          | 36" RCP (E)<br>36" RCP (W)                | 0.27<br>0.27         | C                        |
| L-6       | 44          | 36" RCP (E)<br>36" RCP (W)                | 0.62<br>0.62         | C                        |
| L-6       | 45          | 36" RCP                                   | 0.45                 | C                        |
| L-6       | 46          | 36" RCP                                   | 2.22                 | C                        |
| L-6       | 47          | 30" RCP                                   | 0.87                 | C                        |
| L-6       | 48          | 36" RCP                                   | 0.62                 | C                        |
| L-6       | 50          | 36" RCP                                   | -                    | C                        |
| L-6       | 51          | 36" RCP                                   | 0.72                 | C                        |
| L-6       | 52          | 24" RCP                                   | 0.20                 | C                        |
| L-6       | 53          | 24" RCP                                   | 1.88                 | C                        |
| L-6       | 54          | 24" RCP                                   | 2.42                 | C                        |
| L-6       | 56          | 24" RCP                                   | -                    | C                        |
| L-6       | 57          | 24" RCP (E)<br>24" RCP (W)                | 2.04<br>2.04         | C                        |
| L-6       | 58          | 24" RCP                                   | 2.24                 | C                        |
| L-6       | 59          | 18" RCP (N)<br>24" RCP (E)<br>15" RCP (W) | 4.67<br>4.71<br>4.71 | C                        |
| L-6       | 60          | 24" RCP                                   | 3.22                 | FWT                      |

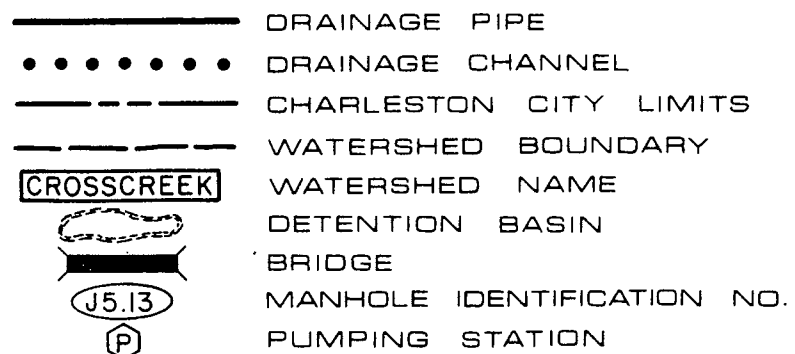


**MAP L6**

## PENINSULAR AREA



## LEGEND



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u>                           |
|------------------|--------------------|------------------|---------------------|--------------------------------------------|
| L-7              | 1                  | 15" VCP          | -0.76               | Hole in manhole wall, discharge into marsh |
| L-7              | 2                  |                  | -                   | FWT                                        |
| L-7              | 3                  |                  | -                   | FWT                                        |
| L-7              | 4                  |                  | -                   | FWT                                        |
| L-7              | 5                  |                  | -                   | FWT                                        |
| L-7              | 6                  | 24" RCP          | -                   | FWT                                        |

# INVENTORY

MAP L7

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     | N7  | N6  | N5  |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
|     | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## 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



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>           | <u>INVERT ELEV.</u> | <u>CONDITION</u>                |
|------------------|--------------------|----------------------------|---------------------|---------------------------------|
| M-5              | 1                  | 36" CMP                    | 1.25                | C                               |
| M-5              | 2                  | 24" RCP                    | 2.08                | C                               |
| M-5              | 3                  | 24" CMP                    | 2.66                | C                               |
| M-5              | 4                  | 24" CMP (N)<br>12" PVC (S) | 3.42<br>3.98        | C                               |
| M-5              | 5                  | 18" RCP                    | 2.21                | C                               |
| M-5              | 6                  | 24" RCP                    | 3.27                | C                               |
| M-5              | 7                  | 24" RCP                    | 2.91                | C                               |
| M-5              | 8                  | 48" RCP                    | 1.78                | C                               |
| M-5              | 9                  |                            |                     | CNO                             |
| M-5              | 10                 |                            |                     | CNO                             |
| M-5              | 11                 | 133' Bridge                | -1.78<br>8.49       | Bottom Channel<br>Top of Bridge |

# INVENTORY

MAP M5

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

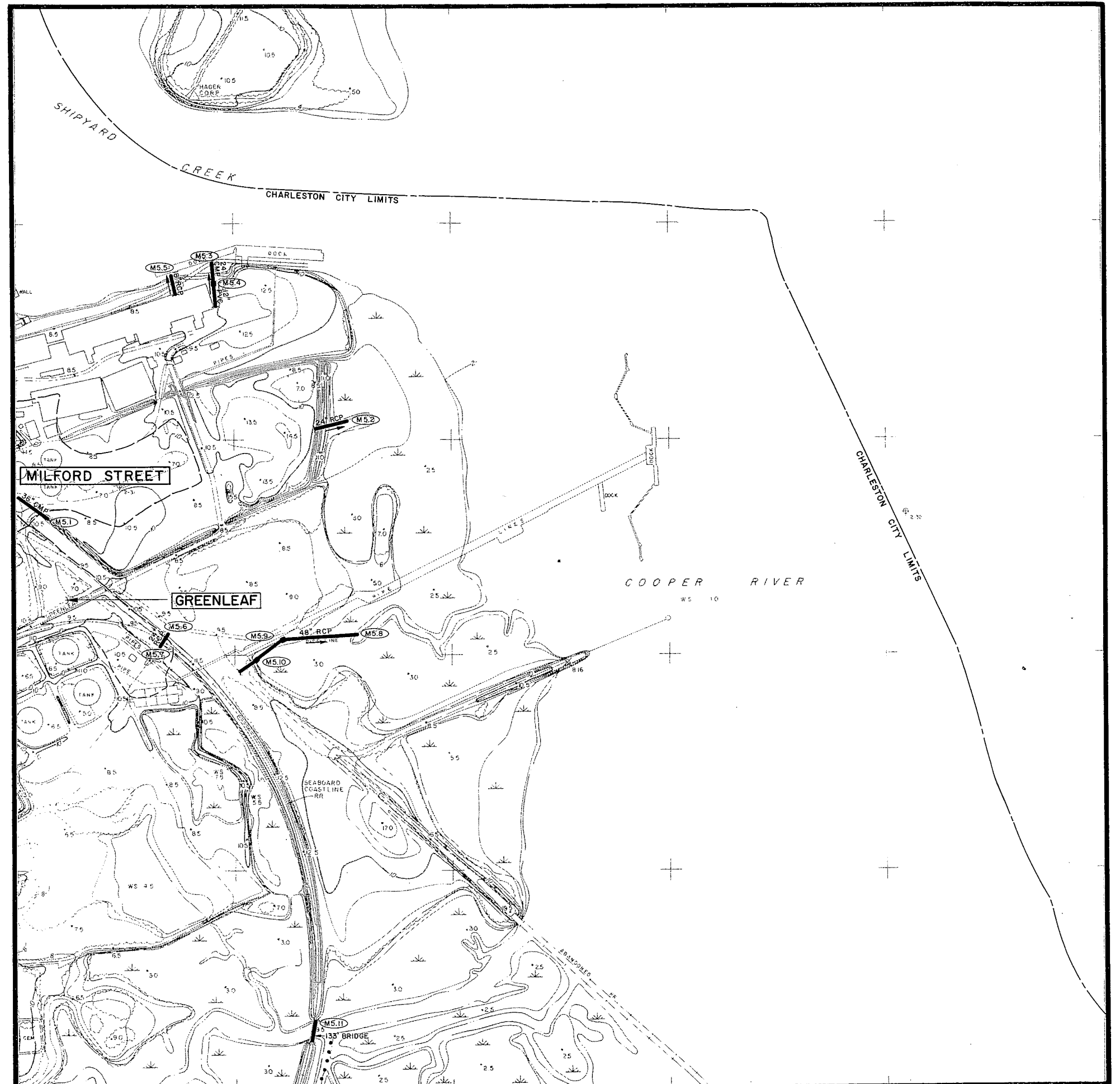
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## LEGEND

|  |                            |
|--|----------------------------|
|  | DRAINAGE PIPE              |
|  | DRAINAGE CHANNEL           |
|  | CHARLESTON CITY LIMITS     |
|  | WATERSHED BOUNDARY         |
|  | CROSSCREEK                 |
|  | 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           | SHEET NO. | MANHOLE NO. | PIPE SIZE                                                    | INVERT ELEV.                 | CONDITION | SHEET NO. | MANHOLE NO. | PIPE SIZE                                     | INVERT ELEV.         | CONDITION |
|-----------|-------------|--------------------------------------------------------------|------------------------------|---------------------|-----------|-------------|--------------------------------------------------------------|------------------------------|-----------|-----------|-------------|-----------------------------------------------|----------------------|-----------|
| M-6       | 1           | 18" RCP                                                      | 4.36                         | C                   | M-6       | 28          | 24" RCP (E)<br>24" RCP (W)                                   | 8.51<br>8.76                 | C         | M-6       | 66          | 24" RCP (E)<br>24" RCP (W)                    | 7.19<br>7.22         | C         |
| M-6       | 2           | 36" RCP                                                      | 2.67                         | C                   | M-6       | 29          | 24" RCP                                                      | 9.85                         | C         | M-6       | 67          | 24" RCP (W)<br>24" RCP (S)                    | 8.99<br>8.97         | C         |
| M-6       | 3           | 24" RCP                                                      | 5.03                         | C                   | M-6       | 30          | 24" RCP                                                      | 13.56                        | C         | M-6       | 68          | 24" RCP                                       | 6.12                 | C         |
| M-6       | 4           | 24" RCP                                                      | 6.34                         | C                   | M-6       | 31          | 24" RCP                                                      | 13.30                        | C         | M-6       | 69          | 48" RCP                                       | 2.08                 | C         |
| M-6       | 5           | 36" RCP                                                      | 3.28                         | C                   | M-6       | 32          | 24" RCP                                                      | 13.14                        | C         | M-6       | 70          | 48" RCP                                       | 2.80                 | C         |
| M-6       | 6           | 36" RCP                                                      | 4.07                         | C                   | M-6       | 33          | 24" RCP                                                      | 12.77                        | C         | M-6       | 71          | 24" RCP                                       | 3.89                 | C         |
| M-6       | 7           | 15" RCP (N)<br>36" RCP (S)<br>36" RCP (E)<br>36" RCP (W)     | 6.61<br>4.32<br>4.16<br>4.48 | C                   | M-6       | 34          | 36" RCP                                                      | 11.07                        | C         | M-6       | 72          | 24" RCP                                       | 2.32                 | C         |
| M-6       | 8           | 36" RCP                                                      | 4.53                         | C                   | M-6       | 35          | 36" RCP                                                      | 11.00                        | C         | M-6       | 73          | 24" RCP                                       | 8.16                 | C         |
| M-6       | 9           | 36" RCP                                                      | 4.72                         | C                   | M-6       | 36          | 24" RCP                                                      | 10.90                        | C         | M-6       | 74          | 24" RCP                                       | 9.59                 | C         |
| M-6       | 10          | 36" RCP                                                      | 4.83                         | C                   | M-6       | 37          | 48" STEEL PIPE                                               | 10.80                        | C         | M-6       | 75          | 24" RCP                                       | 9.15                 | C         |
| M-6       | 11          | 36" RCP                                                      | 5.07                         | C                   | M-6       | 38          | 24" RCP                                                      | 7.37                         | FS        | M-6       | 76          | 24" RCP                                       | 9.28                 | C         |
| M-6       | 12          | 36" RCP (E)<br>36" RCP (W)<br>18" RCP (S)                    | 4.95<br>4.92<br>4.88         | C                   | M-6       | 39          | 24" RCP                                                      | 7.69                         | FS        | M-6       | 77          |                                               |                      | CNO       |
| M-6       | 13          | 24" RCP (N)<br>3' x 3' BOX (E)<br>24" RCP (S)<br>36" RCP (W) | 7.69<br>5.50<br>7.67<br>5.49 | C                   | M-6       | 40          | 24" RCP                                                      | 7.45                         | FS        | M-6       | 78          | 24" RCP (N)<br>24" RCP (S)                    | 8.79<br>8.91         | C         |
| M-6       | 14          | 24" RCP                                                      | 7.79                         | C                   | M-6       | 41          | 24" RCP                                                      | 7.16                         | FS        | M-6       | 79          | 24" RCP                                       | 9.71                 | C         |
| M-6       | 15          | 24" RCP                                                      | 7.74                         | C                   | M-6       | 42          | 30" RCP                                                      | 6.80                         | FS        | M-6       | 80          | 24" RCP                                       | 9.83                 | C         |
| M-6       | 16          | 3' x 3' BOX (W)<br>36" RCP (E)<br>24" RCP (N)<br>24" RCP (S) | 6.00<br>5.85<br>9.57<br>9.91 | FS<br>HFS<br>C<br>C | M-6       | 43          | 30" RCP                                                      | 6.43                         | FS        | M-6       | 81          | 24" RCP                                       | 9.64                 | C         |
| M-6       | 17          | 24" RCP                                                      | 9.98                         | C                   | M-6       | 44          | 24" RCP                                                      | 5.83                         | HFS       | M-6       | 82          | 24" RCP (N)<br>24" RCP (S)                    | 8.26<br>8.33         | C         |
| M-6       | 18          | 24" RCP                                                      | 10.12                        | C                   | M-6       | 45          | 24" RCP                                                      | 5.73                         | HFS       | M-6       | 83          | 24" RCP                                       | 7.68                 | C         |
| M-6       | 19          | 36" RCP                                                      | 7.28                         | HFS                 | M-6       | 46          | 24" RCP                                                      | 5.57                         | HFS       | M-6       | 84          | 24" RCP                                       | 7.10                 | C         |
| M-6       | 20          | 24" RCP                                                      | 7.12                         | C                   | M-6       | 47          | 24" RCP                                                      | 5.35                         | HFS       | M-6       | 85          | 24" RCP                                       | 5.99                 | C         |
| M-6       | 21          | 24" RCP (W)<br>18" RCP (N)<br>18" RCP (S)<br>24" RCP (S/E)   | 8.05<br>8.37<br>8.52<br>7.95 | C                   | M-6       | 48          | 24" RCP                                                      | 5.24                         | HFS       | M-6       | 86          | 24" RCP                                       | 2.11                 | C         |
| M-6       | 22          | 24" RCP (N/W)<br>18" RCP (N)<br>15" RCP (S)                  | 8.26<br>8.65<br>9.02         | C                   | M-6       | 49          | 24" RCP                                                      | 5.11                         | HFS       | M-6       | 87          | 24" CMP                                       | 7.43                 | FS        |
| M-6       | 23          | 36" RCP (N)<br>36" RCP (S)                                   | 5.51<br>5.47                 | C                   | M-6       | 56          | 36" RCP                                                      | 2.72                         | HFS       | M-6       | 88          | 24" CMP (N/E)<br>18" CMP (N/W)<br>36" CMP (S) | 2.15<br>2.23<br>1.86 | C         |
| M-6       | 24          | 36" RCP (N)<br>36" RCP (S)                                   | 6.26<br>6.23                 | C                   | M-6       | 57          | 36" RCP                                                      | 2.34                         | HFS       | M-6       | 89          | 36" CMP (N)<br>36" CMP (S)                    | 1.71<br>1.71         | C         |
| M-6       | 25          | 36" RCP (N)<br>36" RCP (S)<br>24" RCP (W)                    | 7.49<br>7.62<br>7.44         | C                   | M-6       | 58          | 4' x 4.5' BOX                                                | 2.87                         | C         | M-6       | 90          | 30" CMP                                       | 2.48                 | C         |
| M-6       | 26          | 24" RCP                                                      | 7.86                         | C                   | M-6       | 59          | 4' x 4.5' BOX                                                | 2.99                         | C         | M-6       | 91          |                                               |                      | CNO       |
| M-6       | 27          | 36" RCP (N)<br>18" RCP (S)<br>24" RCP (W)                    | 7.58<br>7.82<br>7.54         | C                   | M-6       | 60          | 36" RCP                                                      | 3.11                         | C         | M-6       | 92          | 24" RCP (N)<br>24" RCP (S)                    | 7.11<br>6.77         | C         |
|           |             |                                                              |                              |                     | M-6       | 61          | 36" RCP (S/W)<br>12" RCP (N/E)<br>15" VCP (E)<br>18" RCP (S) | 4.62<br>5.04<br>5.12<br>5.46 | C         | M-6       | 93          | 24" RCP (N)<br>24" RCP (S)                    | 8.04<br>7.71         | C         |
|           |             |                                                              |                              |                     | M-6       | 62          | 24" RCP                                                      | 11.38                        | HFS       | M-6       | 94          | 18" RCP (N)<br>18" RCP (S)                    | 7.52<br>7.59         | C         |
|           |             |                                                              |                              |                     | M-6       | 63          | 24" RCP                                                      | 11.34                        | HFS       |           |             |                                               |                      |           |
|           |             |                                                              |                              |                     | M-6       | 64          | 24" RCP (E)<br>18" RCP (W)                                   | 6.57<br>6.34                 | C         |           |             |                                               |                      |           |
|           |             |                                                              |                              |                     | M-6       | 65          | 24" RCP (E)<br>24" RCP (W)                                   | 7.45<br>7.48                 | C         |           |             |                                               |                      |           |



# INVENTORY

## MAP M6

### existing drainage facilities CITY OF CHARLESTON

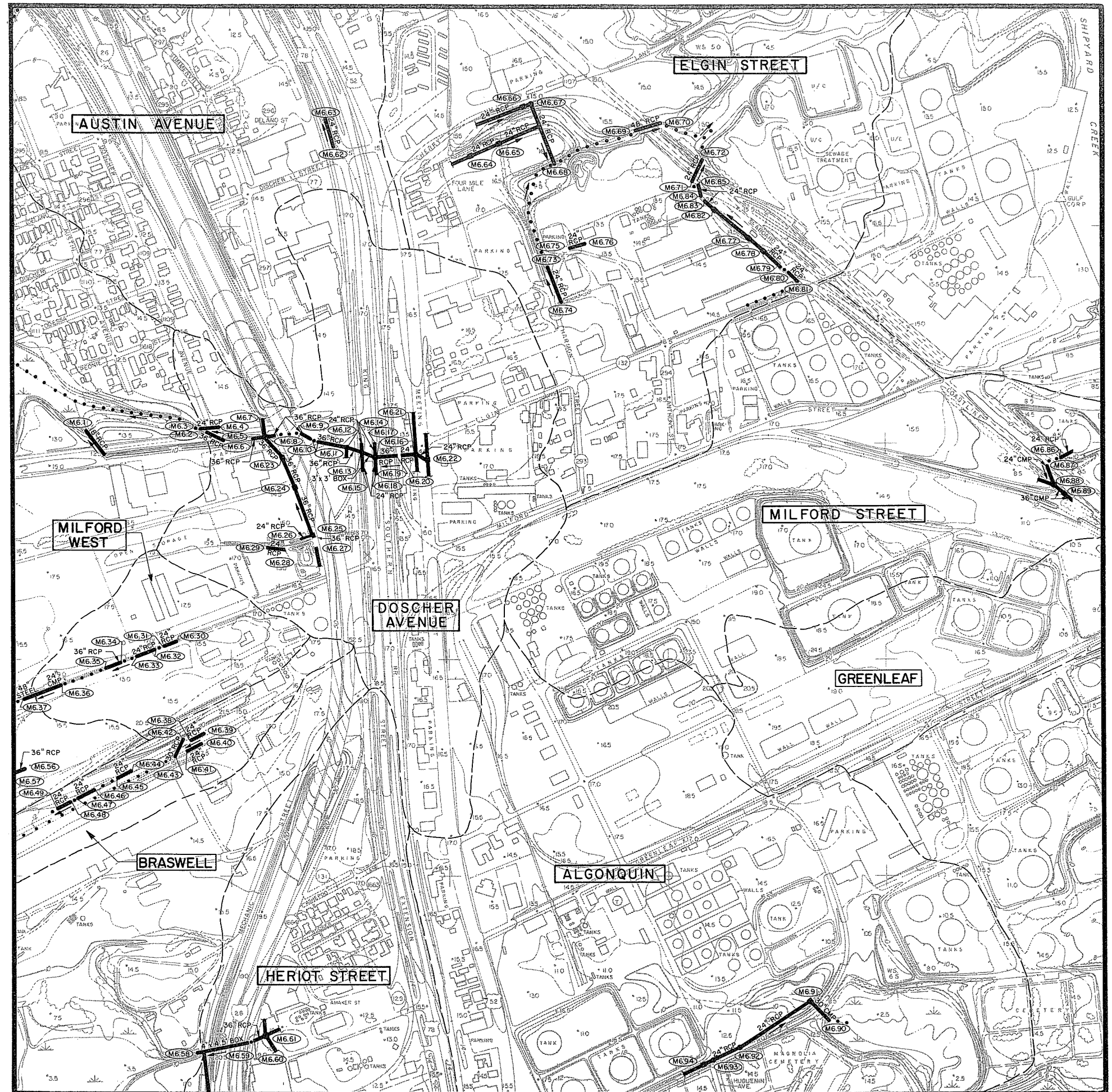
#### PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
|     | N7  | N6  | N5  |     |     |
|     | M7  |     | M5  |     |     |
|     | L7  | L6  | L5  |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



#### 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> |
|------------------|--------------------|------------------|---------------------|------------------|
| M-7              | 1                  | Bridge           | -                   | C                |
| M-7              | 50                 | 30" RCP          | 4.66                | HFS              |
| M-7              | 51                 | 30" RCP          | 4.43                | HFS              |
| M-7              | 52                 | 24" RCP          | 4.84                | HFS              |
| M-7              | 53                 | 24" RCP          | 4.48                | HFS              |
| M-7              | 54                 | 36" RCP          | 3.58                | C                |
| M-7              | 55                 | 36" RCP          | 2.93                | C                |

# INVENTORY

MAP M7

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## 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



| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                          | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|-------------------------------------------|---------------------|------------------|
| N-6              | 1                  | 36" RCP                                   | 1.62                | C                |
| N-6              | 2                  | 36" RCP (N)<br>36" RCP (S)                | 5.60<br>5.60        | C<br>C           |
| N-6              | 3                  | 36" RCP                                   | 0.71                | C                |
| N-6              | 4                  | 4' x 4' BOX                               | 1.27                | C                |
| N-6              | 5                  | 4 x 4 ' Box                               | 0.98                | HFS              |
| N-6              | 6                  | 36" RCP                                   | 1.62                | C                |
| N-6              | 7                  | 36" RCP                                   | 1.07                | C                |
| N-6              | 8                  | 24" RCP                                   | 7.83                | C                |
| N-6              | 9                  | 24" RCP                                   | 7.65                | C                |
| N-6              | 10                 | 48" RCP                                   | -0.12               | C                |
| N-6              | 11                 | 48" RCP                                   | 0.32                | C                |
| N-6              | 12                 | 36" RCP                                   | 0.29                |                  |
| N-6              | 13                 | 36" RCP (N)<br>36" RCP (S)<br>24" RCP (E) | -<br>-<br>-         | C                |

| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u>                                         | <u>INVERT ELEV.</u>            | <u>CONDITION</u>     |
|------------------|--------------------|----------------------------------------------------------|--------------------------------|----------------------|
| N-6              | 14                 | 24" RCP                                                  | 4.62                           | C                    |
| N-6              | 15                 | 24" RCP                                                  | 7.36                           | C                    |
| N-6              | 16                 |                                                          |                                | CNO                  |
| N-6              | 17                 | 36" RCP                                                  | -1.67                          | C                    |
| N-6              | 18                 | 18" RCP (N)<br>24" RCP (S)<br>24" RCP (E)<br>24" RCP (W) | 7.00<br>6.60<br>10.25<br>10.25 | HFS<br>HFS<br>C<br>C |
| N-6              | 19                 | 24" RCP                                                  | 10.25                          | C                    |
| N-6              | 20                 | 24" RCP                                                  | 10.18                          | C                    |
| N-6              | 21                 | 24" RCP                                                  | 7.01                           | C                    |
| N-6              | 22                 | 24" RCP                                                  | 6.62                           | HFS                  |
| N-6              | 23                 | 24" RCP                                                  | 6.52                           | C                    |
| N-6              | 24                 | 24" RCP                                                  | 5.93                           | C                    |
| N-6              | 25                 | 24" RCP                                                  | 6.28                           | C                    |
| N-6              | 26                 | 24" RCP                                                  | 6.26                           | C                    |
| N-6              | 27                 | 24" RCP (N/W)<br>24" RCP (S/W)                           | -                              | C                    |
| N-6              | 70A                | Bridge                                                   |                                |                      |

# INVENTORY

MAP N6

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

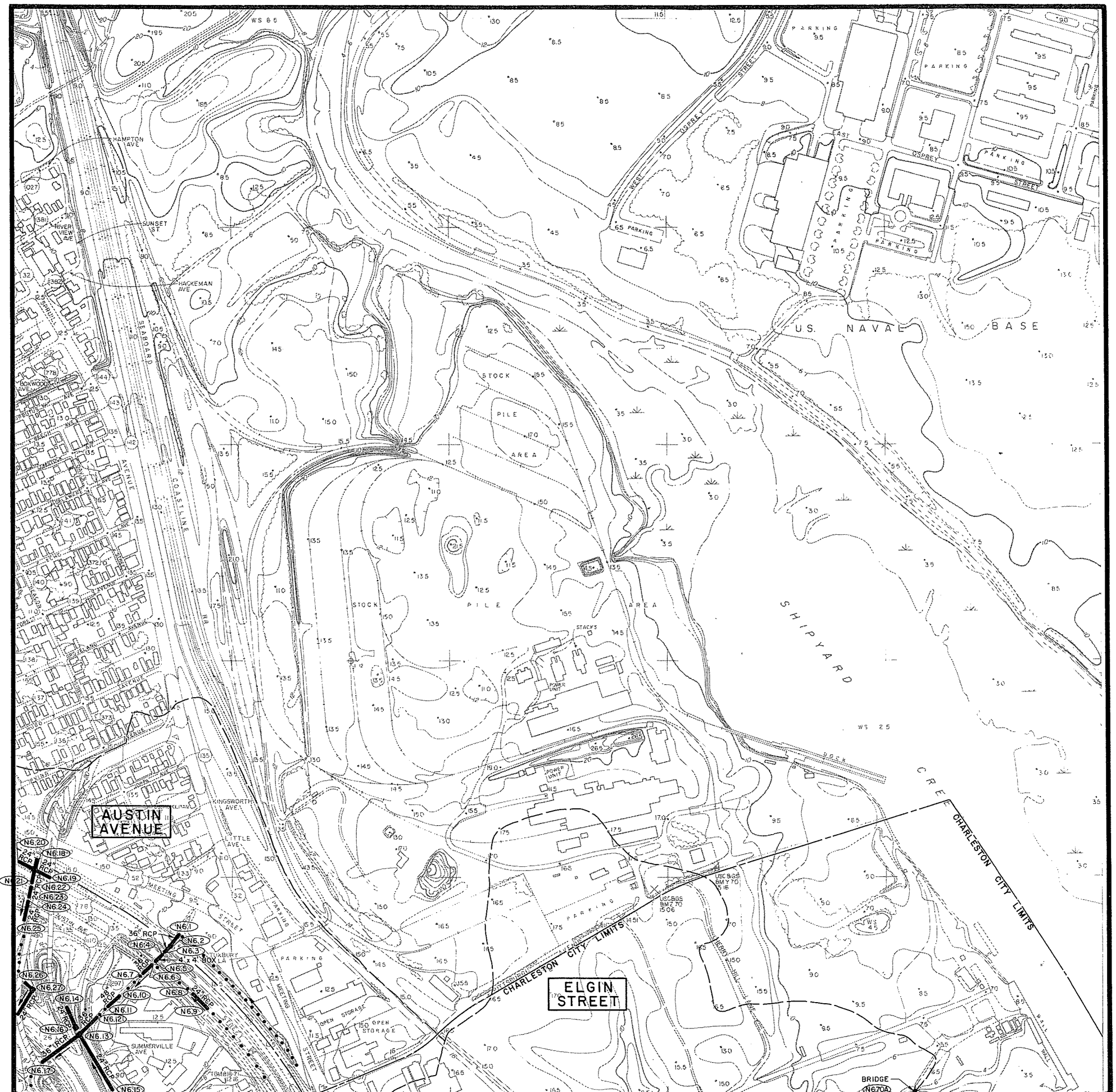
|  |     |     |     |     |     |     |     |    |  |
|--|-----|-----|-----|-----|-----|-----|-----|----|--|
|  |     |     |     |     |     |     |     |    |  |
|  | N7  |     |     |     |     |     |     | N5 |  |
|  |     |     |     |     |     |     |     |    |  |
|  | M7  |     | M6  |     |     |     |     | M5 |  |
|  |     |     |     |     |     |     |     |    |  |
|  | L7  |     | L6  |     |     |     |     | L5 |  |
|  |     |     |     |     |     |     |     |    |  |
|  | K7  | K6a | K6b | K5a | K5b |     |     |    |  |
|  | K7d | K6c | K6d | K5c | K5d | K4c |     |    |  |
|  | J7b | J6a | J6b | J5a | J5b | J4a |     |    |  |
|  |     | J6c | J6d | J5c | J5d | J4c |     |    |  |
|  |     |     | J6d | J5c | J5d | J4c |     |    |  |
|  |     |     |     | I6b | I5a | I5b | I4a |    |  |
|  |     |     |     |     |     |     |     |    |  |
|  |     |     |     |     | I5c | I5d |     |    |  |



## 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> |
|------------------|--------------------|------------------|---------------------|------------------|
| N-7              | 1                  | 30" RCP          | 6.41                | C                |
| N-7              | 2                  | 30" RCP (E)      | 3.97                | C                |
|                  |                    | 30" RCP (W)      | 4.26                |                  |
|                  |                    | 18" RCP (N)      | -                   |                  |
|                  |                    | 18" RCP (S)      | -                   |                  |
| N-7              | 3                  | 30" RCP (E)      | 4.45                | C                |
|                  |                    | 18" RCP (N)      | 6.24                |                  |
|                  |                    | 18" RCP (S)      | 6.34                |                  |
| N-7              | 4                  | 24" RCP          | 5.24                | C                |
| N-7              | 5                  | 24" RCP (N)      | 5.36                | C                |
|                  |                    | 24" RCP (S)      | 5.36                | C                |
| N-7              | 6                  | 24" RCP          | 6.93                | C                |
| N-7              | 7                  | 24" RCP          | 6.83                | C                |
| N-7              | 8                  | 24" RCP          | 6.77                | C                |
| N-7              | 9                  | 24" RCP          | -                   | FWT              |

# INVENTORY

MAP N7

existing drainage facilities  
CITY OF CHARLESTON

## PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
|     |     | N6  |     | N5  |     |
| M7  |     | M6  |     | M5  |     |
|     | L7  |     | L6  |     | L5  |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4c |
|     |     | I6b | I5a | I5b | I4a |
|     |     |     | I5c | I5d |     |



## 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

