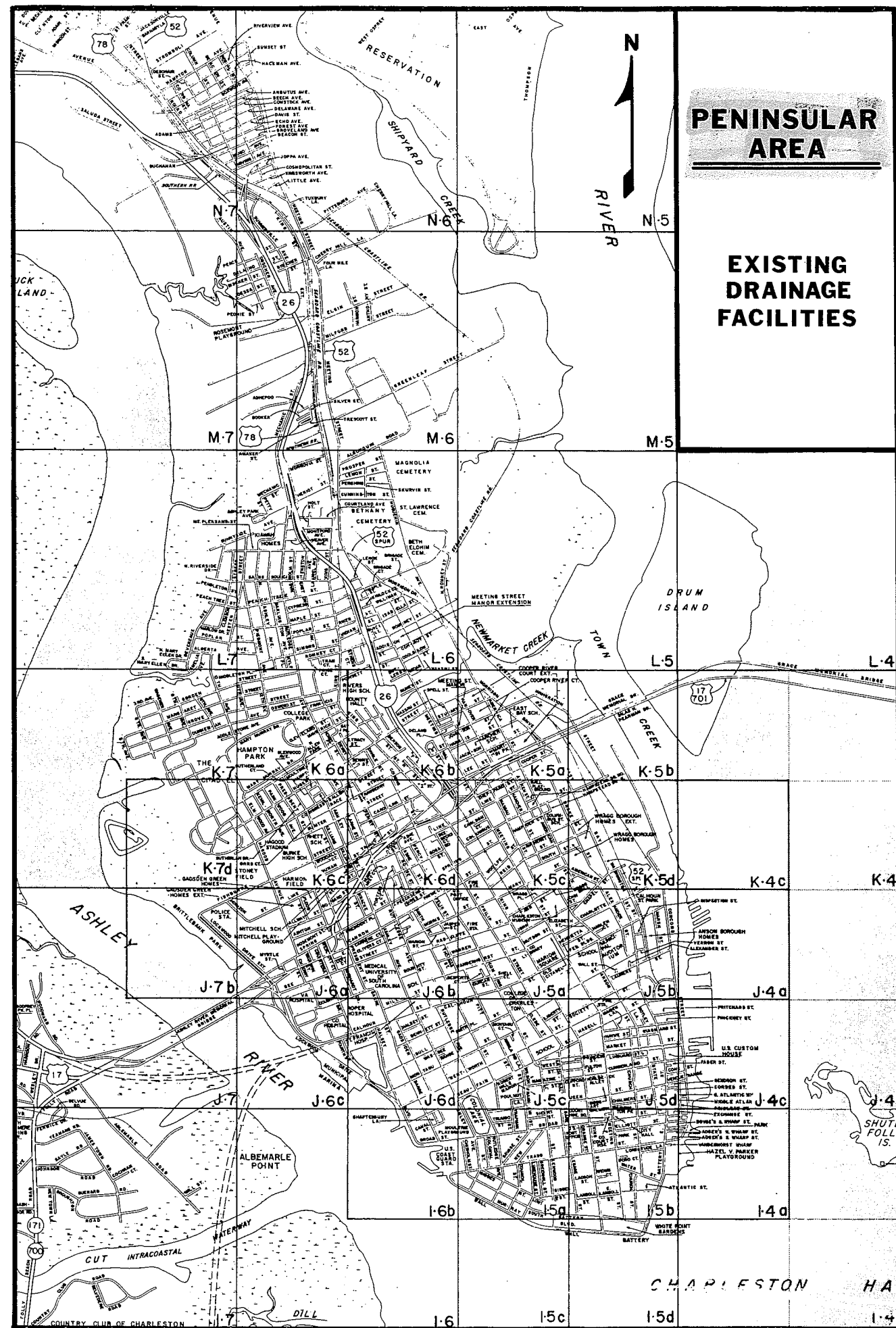


# **APPENDIX A**

## **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

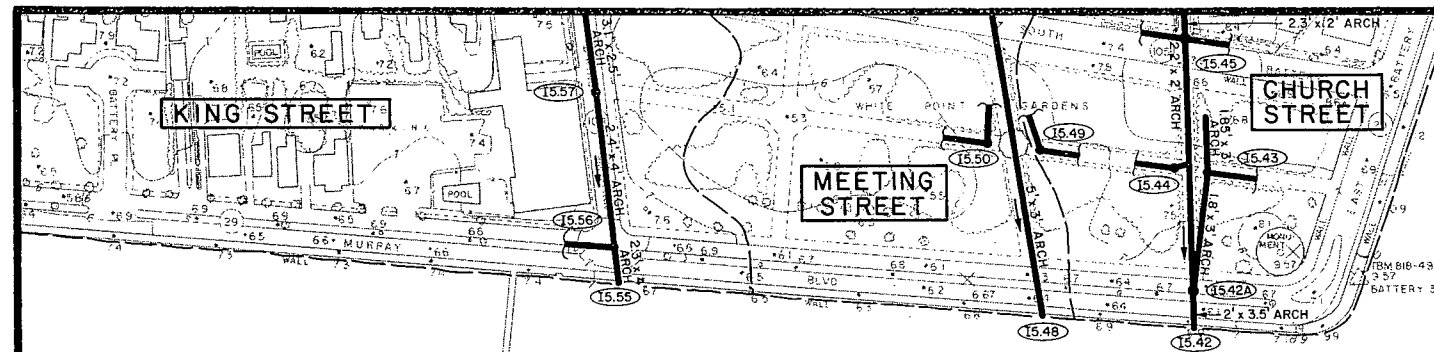
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| J7b | J6a | J6b | J5a | J5b | J4a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



## LEGEND

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

GRAPHIC SCALE 250 0 250 500 750  
FEET



CHARLESTON HARBOR

WS 2.6

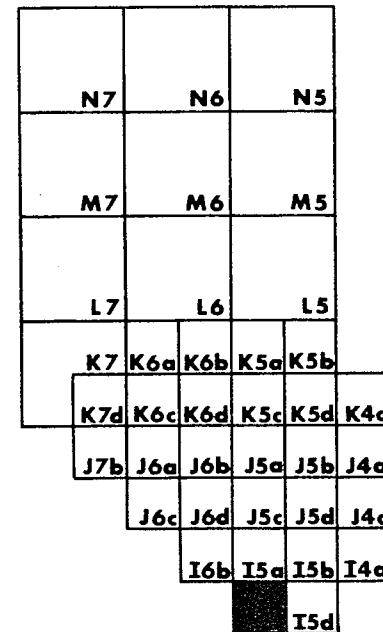
| <u>SHEET NO.</u> | <u>MANHOLE NO.</u> | <u>PIPE SIZE</u> | <u>INVERT ELEV.</u> | <u>CONDITION</u> |
|------------------|--------------------|------------------|---------------------|------------------|
| I-5C             | 68                 | 36" CMP          | -1.57               | C            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

# INVENTORY

MAP I5c

existing drainage facilities  
CITY OF CHARLESTON

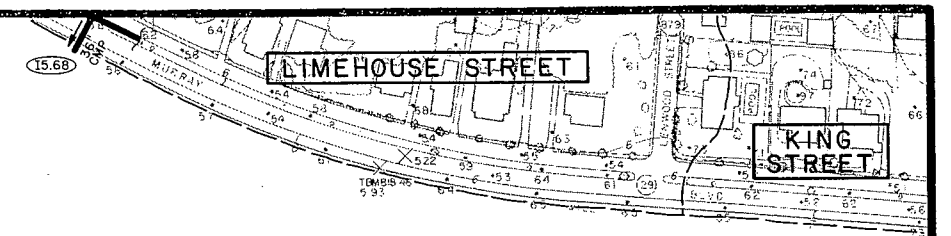
## PENINSULAR AREA



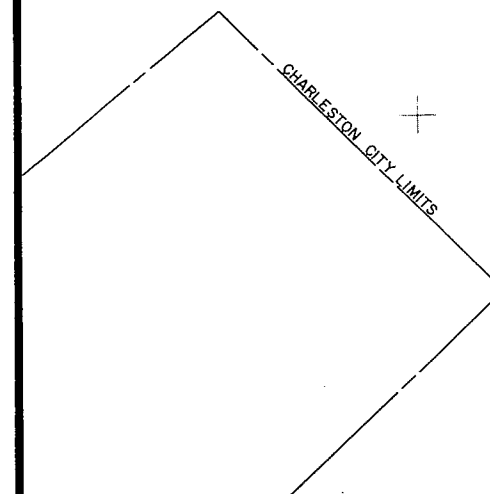
## LEGEND

- 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



ASHLEY RIVER  
W5 2.8



| <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

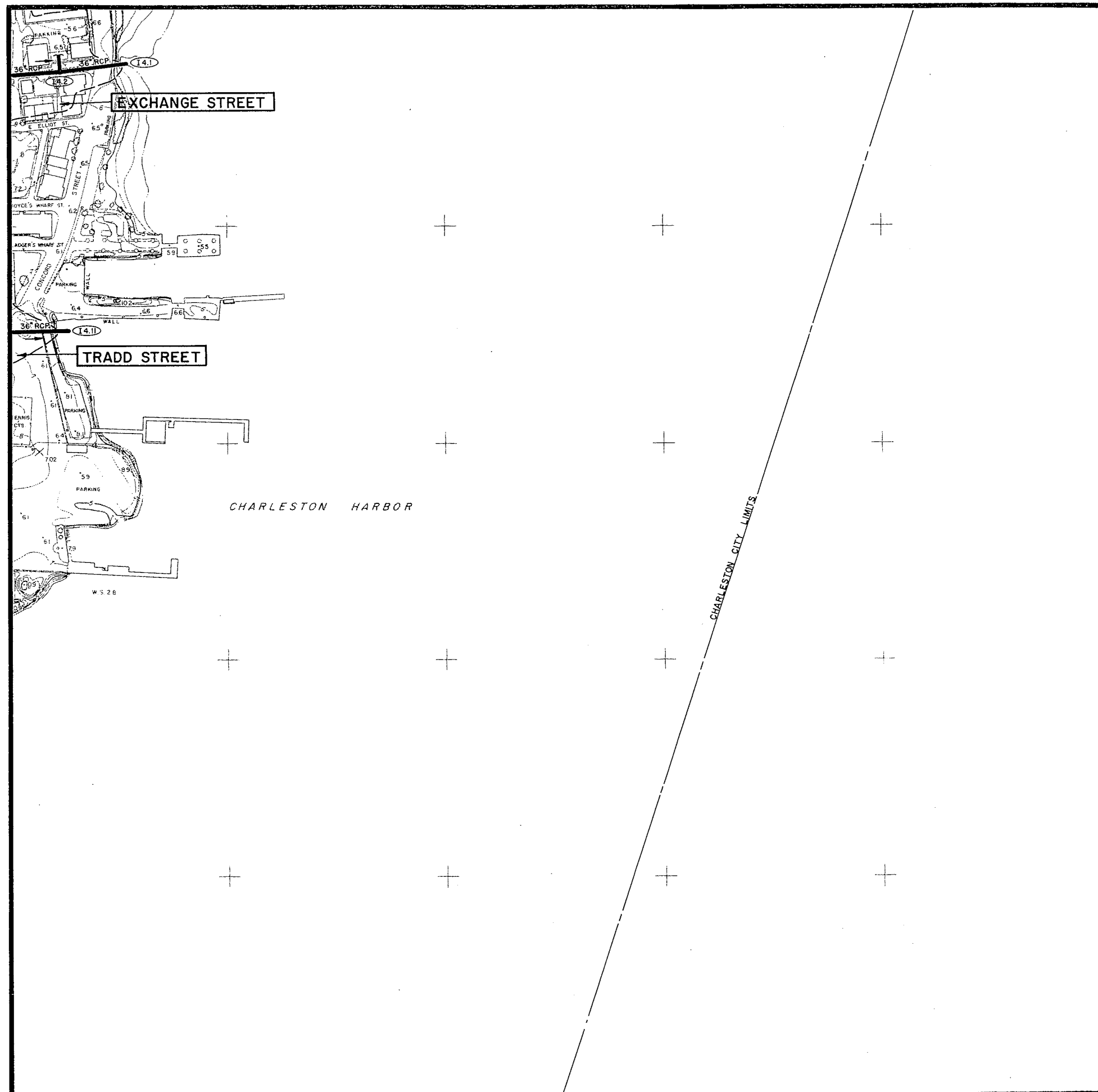
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| 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

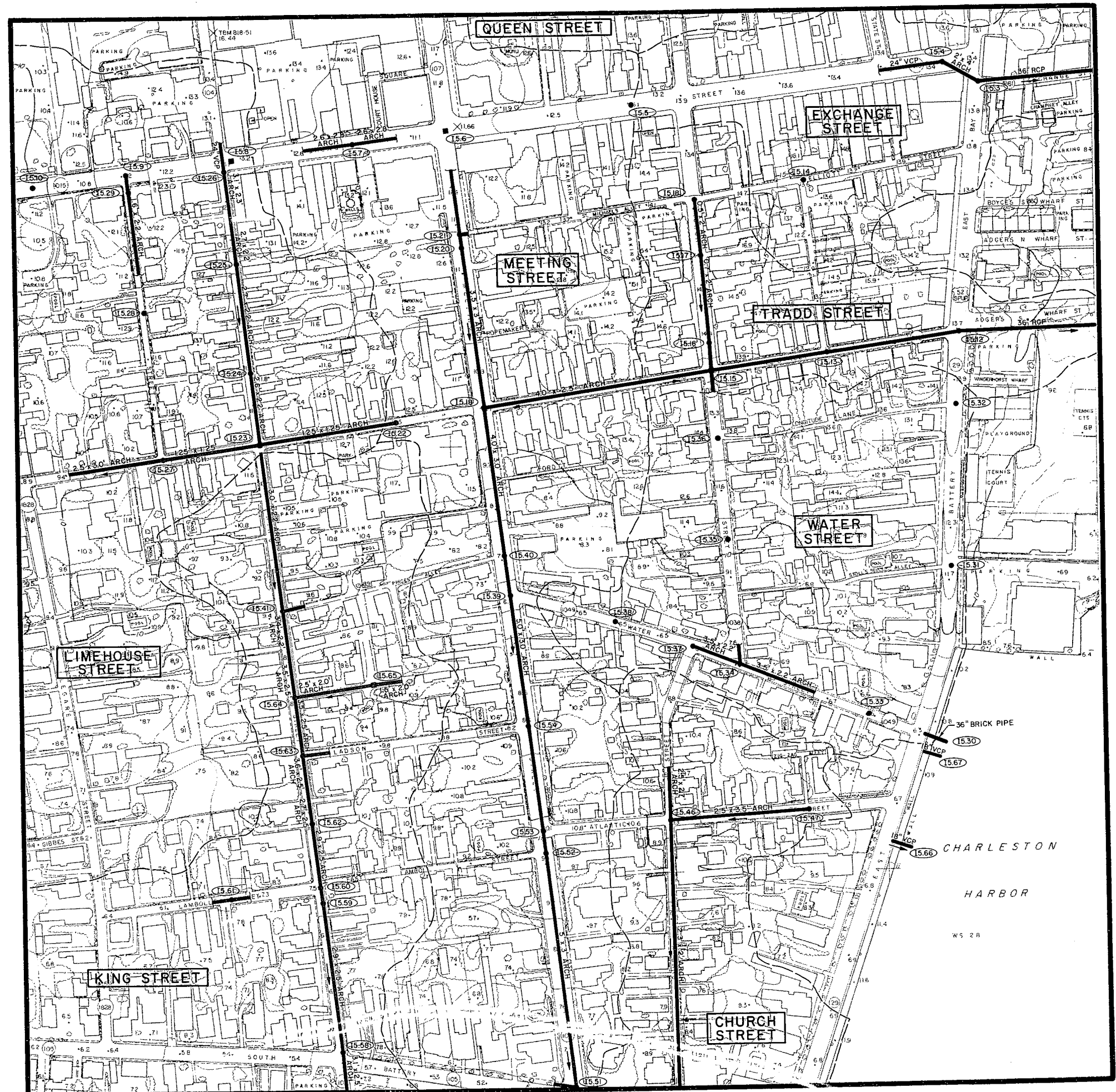
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
|     |     |     |     |     |     |
| M7  | M6  | M5  |     |     |     |
|     |     |     |     |     |     |
| L7  | L6  | L5  |     |     |     |
|     |     |     |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4  |
| J7b | J6a | J6b | J5a | J5b | J4a |
|     | J6c | J6d | J5c | J5d | J4  |
|     |     | I6b | I5a |     | 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 |
|-----------|-------------|----------------------------------------------------------------------------|----------------------------------|-----------|
| 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         |

| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                   | INVERT ELEV.                 | CONDITION     |
|-----------|-------------|-------------------------------------------------------------|------------------------------|---------------|
| 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

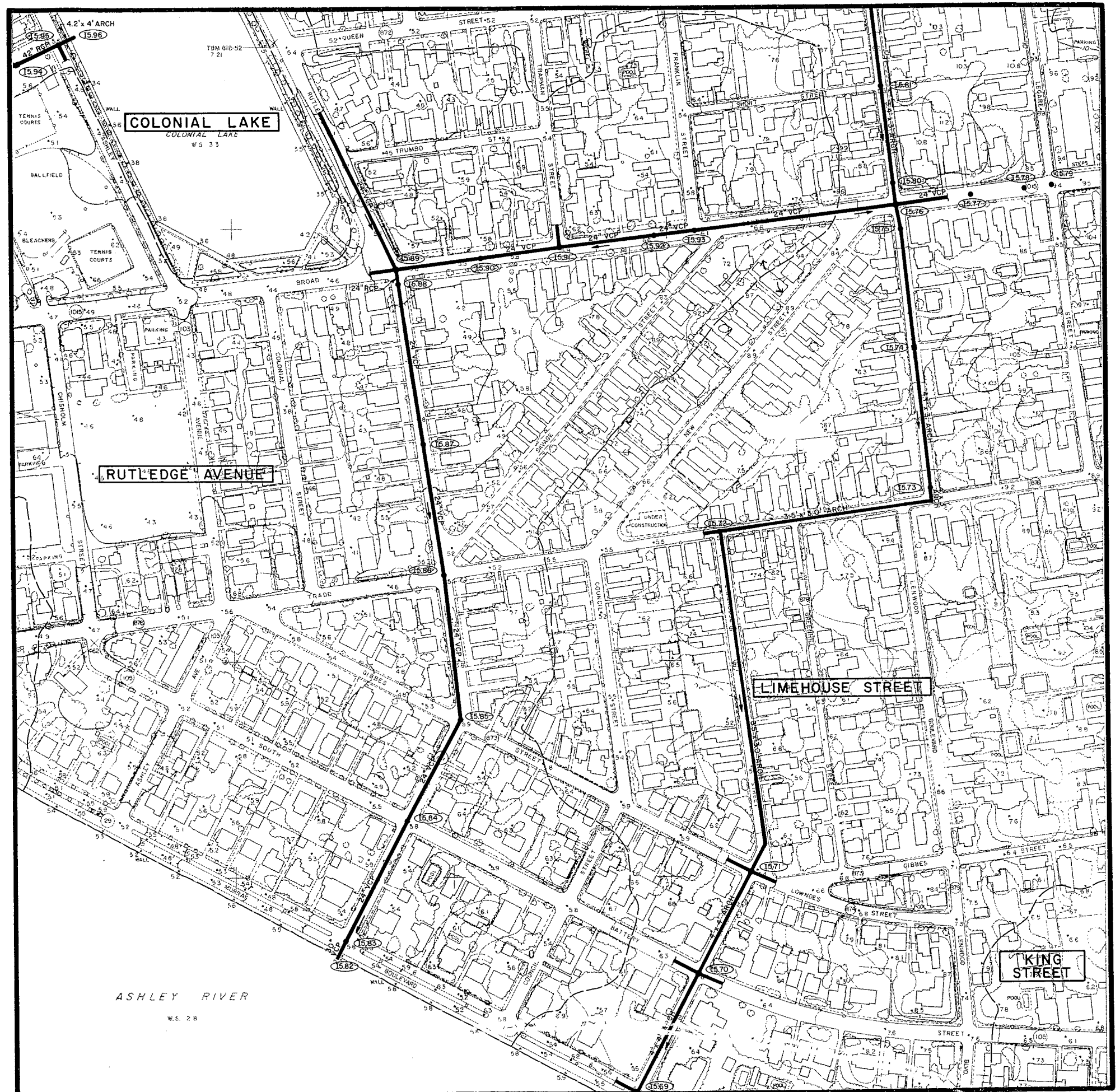
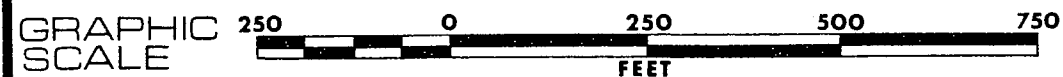
## PENINSULAR AREA

|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  |     |     |     |     |     |     |
|  | 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         |
|  | 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> |
|------------------|--------------------|-----------------------------------------------------------|---------------------|------------------|
| 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     |
|  | CROSSCREEK             |
|  | DETENTION BASIN        |
|  | BRIDGE                 |
|  | J5.13                  |
|  | 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

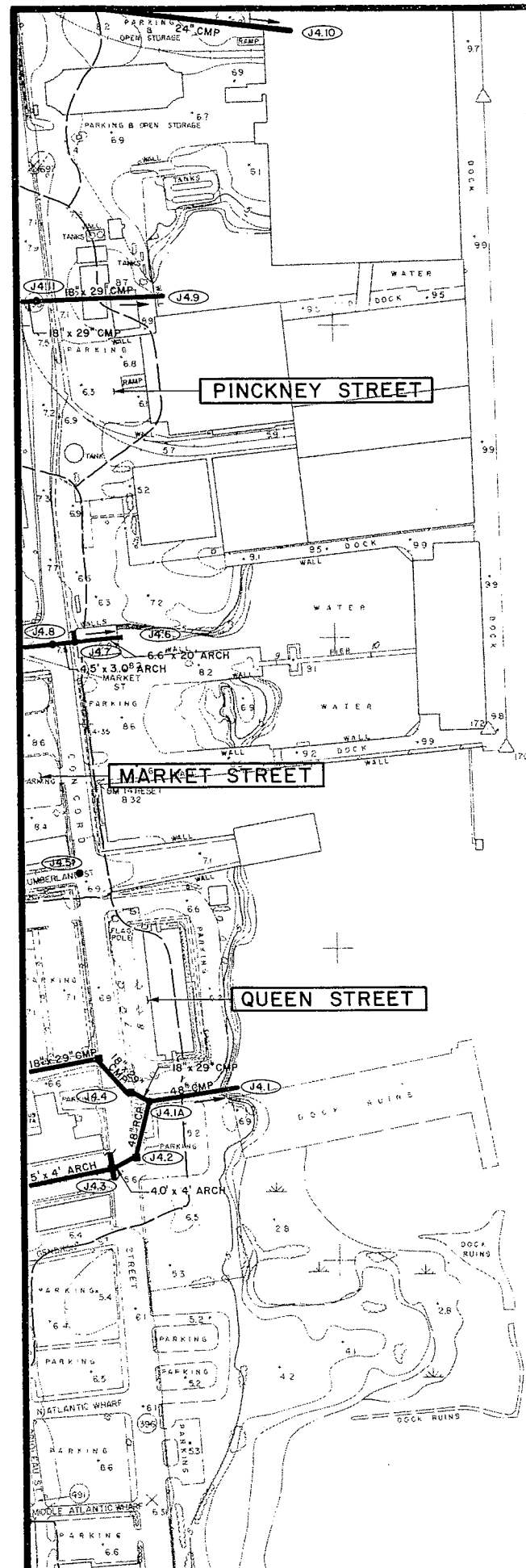
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| 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         |           |             |                                                                                              |                                      |                                       |

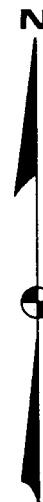
# INVENTORY

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            |



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

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

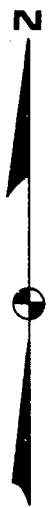
INVENTORY

MAP J6d

existing drainage facilities  
CITY OF CHARLESTON

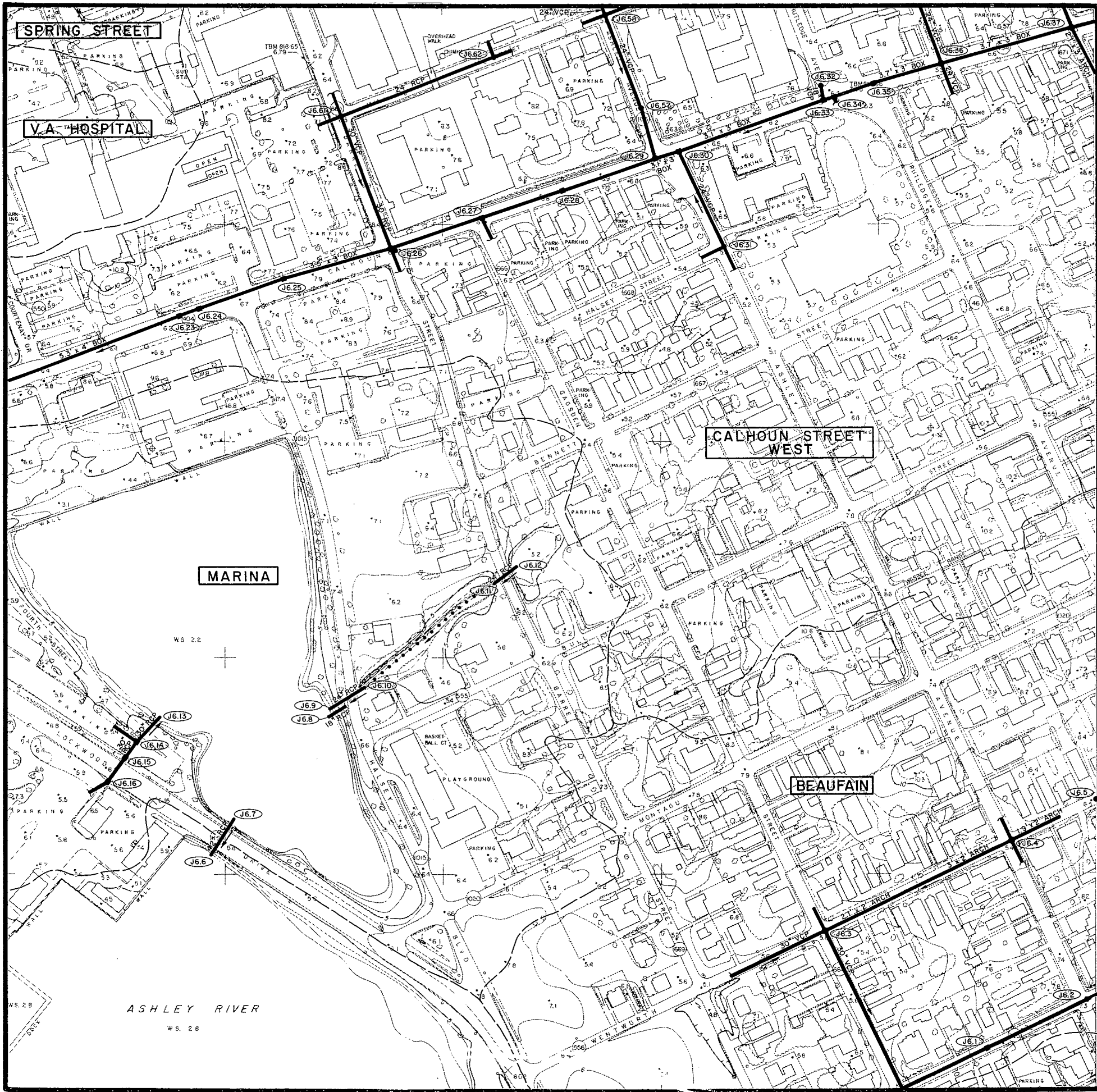
PENINSULAR AREA

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
|     | 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

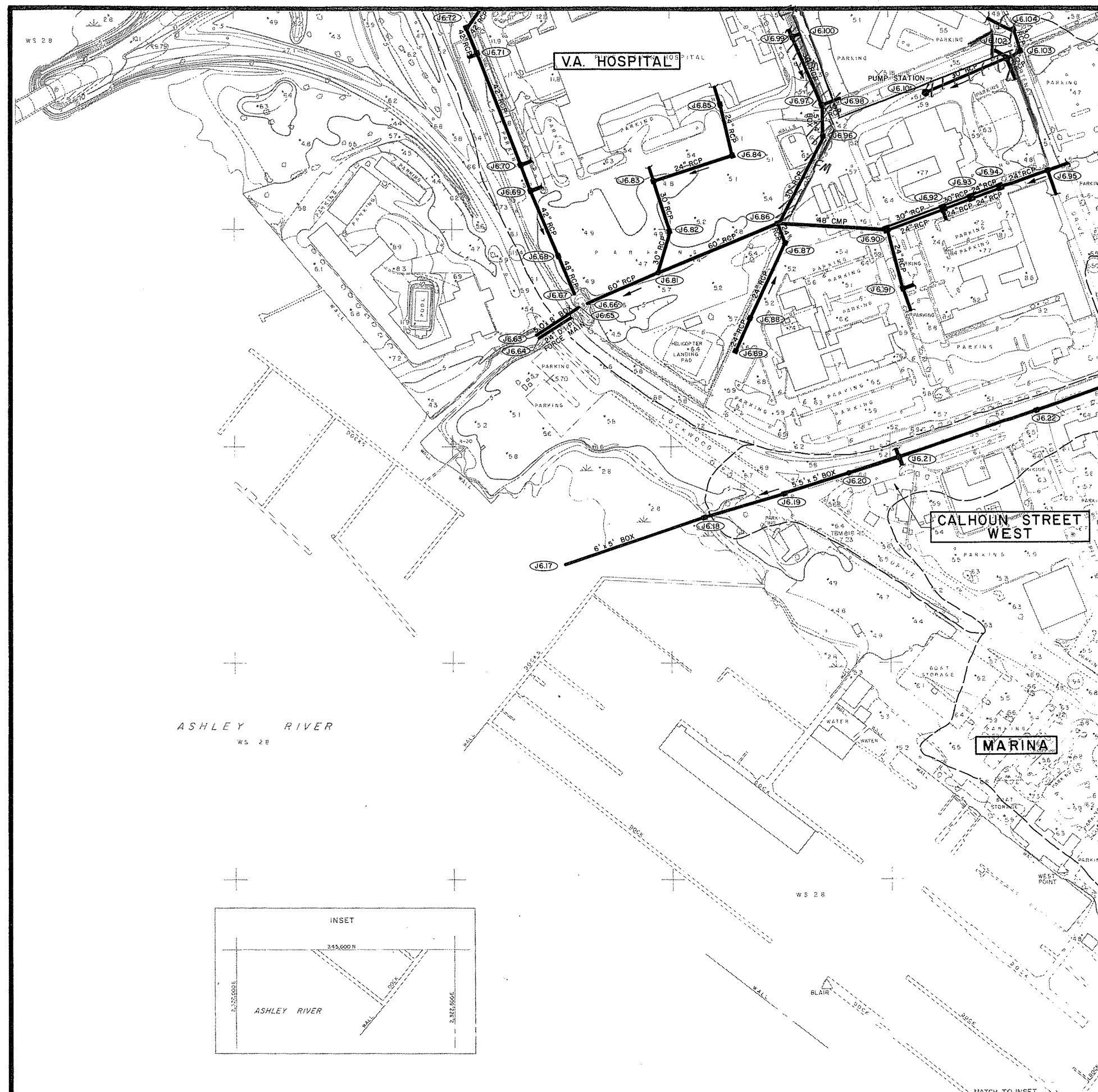
|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  |     |     |     |     |     |     |
|  | N7  |     | N6  |     | N5  |     |
|  |     |     |     |     |     |     |
|  | M7  |     | M6  |     | M5  |     |
|  |     |     |     |     |     |     |
|  | L7  |     | 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 |     |

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>                      |
|------------------|--------------------|------------------|---------------------|---------------------------------------|
| 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

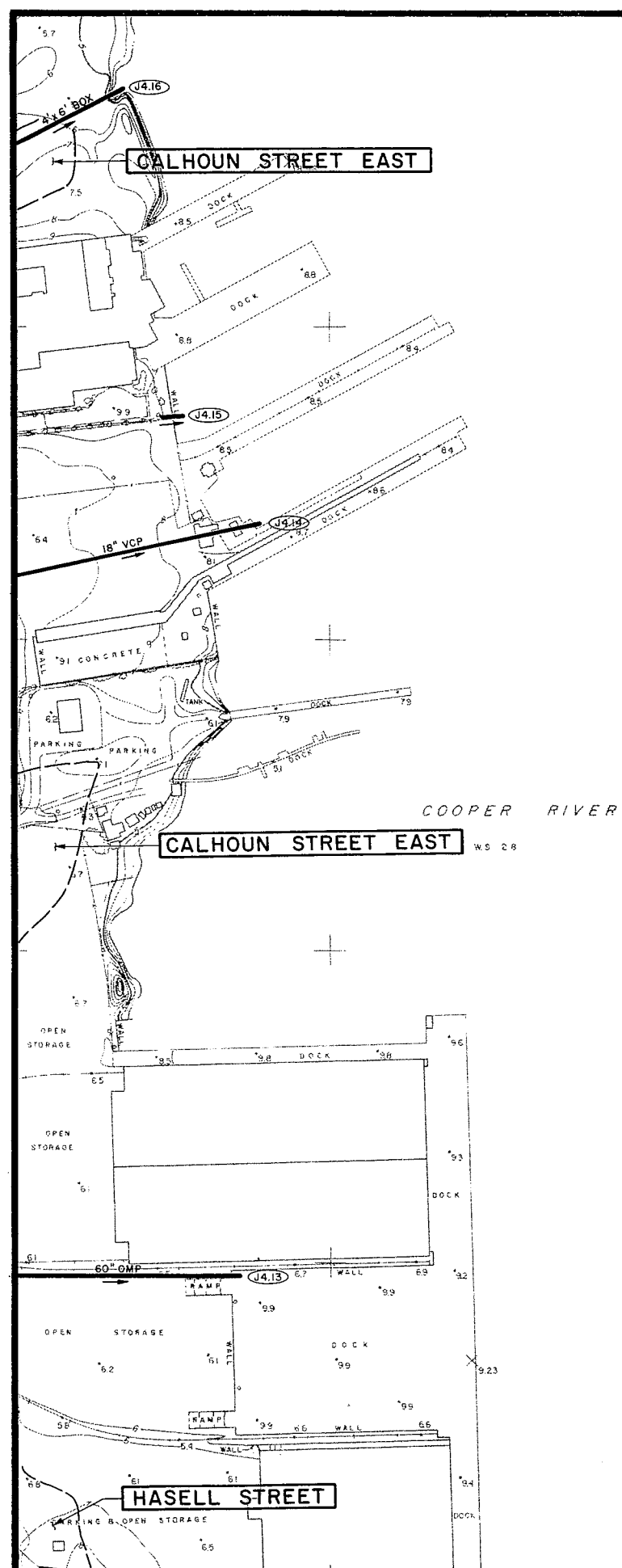
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |
| N7  | N6  | N5  |     |     |     |
| M7  | M6  | M5  |     |     |     |
| L7  | L6  | L5  |     |     |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
| 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 |
|    |     |     |     |     |     |
|    | 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

GRAPHIC SCALE 250 0 250 500 750  
FEET



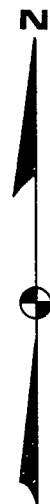
| SHEET NO. | MANHOLE NO. | PIPE SIZE                                                                                  | INVERT ELEV.                     | CONDITION |
|-----------|-------------|--------------------------------------------------------------------------------------------|----------------------------------|-----------|
| 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         |

**MAP J5a**

**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 |     |  |

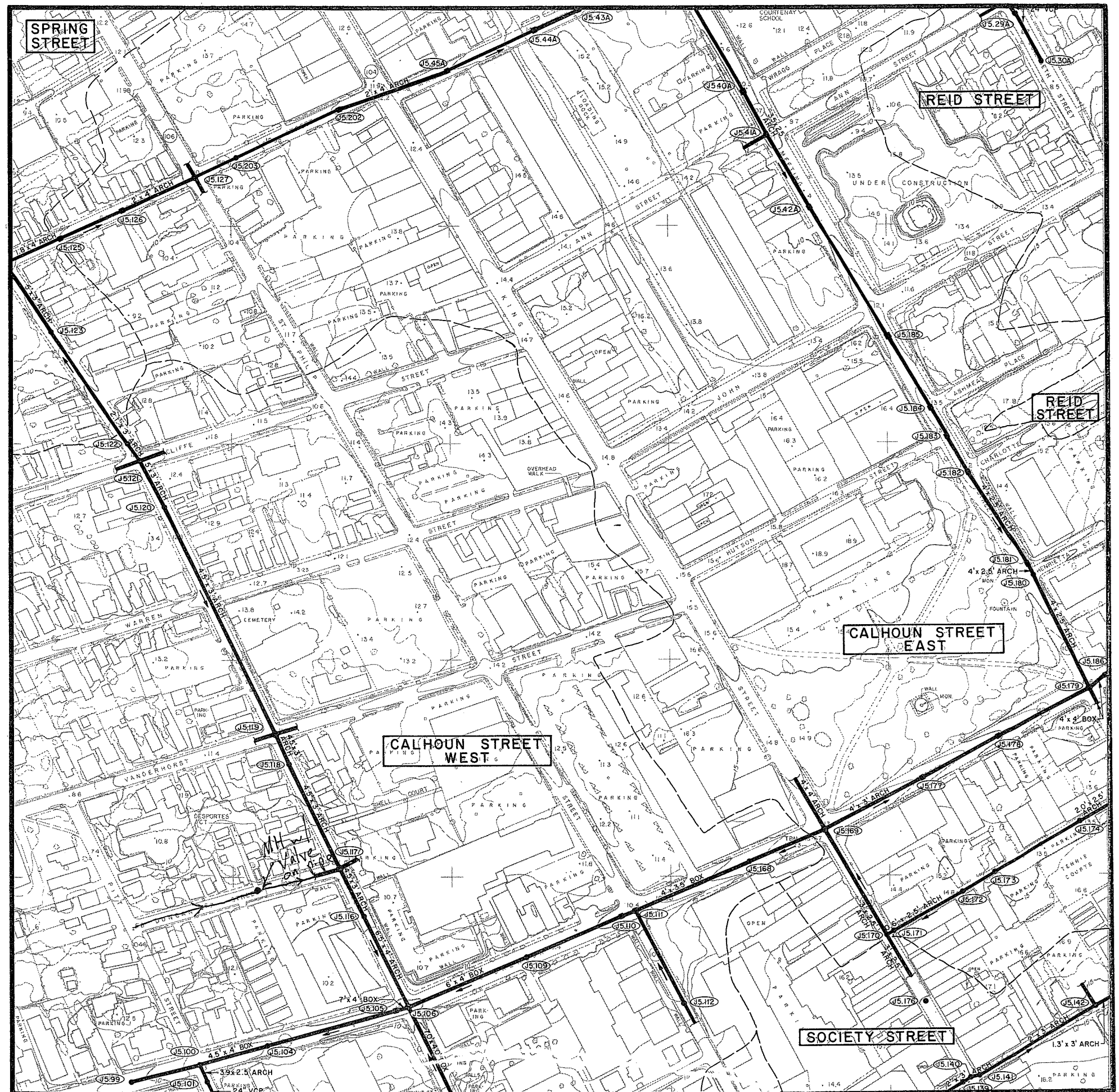


## LEGEND

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

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

| <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)          | -0.54               | C                |
|                  |                    | 30" VCP (S)          | -0.76               |                  |
|                  |                    | 12" VCP (W)          | -                   |                  |
| J-6B             | 59                 |                      | -                   | P0               |
| J-6B             | 60                 | 24" VCP (S)          | 1.39                | C                |
|                  |                    | 12" VCP (N)          | 2.64                |                  |
|                  |                    | 12" VCP (E)          | 2.64                |                  |
|                  |                    | 12" VCP (W)          | 2.39                |                  |
| J-6B             | 106                | 18" VCP (S)          | 3.15                | C                |
|                  |                    | 18" VCP (N)          | -                   |                  |
|                  |                    | 15" VCP (W)          | -                   |                  |
|                  |                    | 12" VCP (E)          | -                   |                  |
| J-6B             | 108                |                      | -                   | P0               |
| J-6B             | 109                | 4.0' x 3.0' BOX (E)  | -0.69               | C                |
|                  |                    | 4.0' x 3.0' BOX (W)  | -0.69               |                  |
| J-6B             | 110                | 4.0' x 3.0' BOX (E)  | -0.43               | C                |
|                  |                    | 4.0' x 3.0' BOX (W)  | -0.43               |                  |
|                  |                    | 24" VCP (N)          | -0.43               |                  |
| J-6B             | 111                | 24" VCP (N)          | 2.55                |                  |
|                  |                    | 18" VCP (S)          | 2.61                |                  |
|                  |                    | 15" VCP (E)          | 4.31                |                  |
| J-6B             | 112                | 1.9' x 2.0' B.A. (W) | 4.65                | C                |
|                  |                    | 1.9' x 2.0' B.A. (E) | 4.67                |                  |
| J-6B             | 113                | 2.0' x 2.0' B.A. (E) | 4.82                | C                |
|                  |                    | 2.0' x 2.0' B.A. (W) | 4.72                |                  |
| J-6B             | 114                | 2.0' x 2.0' B.A. (W) | 5.71                | C                |
|                  |                    | 2.0' x 2.0' B.A. (E) | 5.70                |                  |
| J-6B             | 115                | 18" VCP (N)          | 3.73                | C                |
|                  |                    | 24" VCP (E)          | 3.58                |                  |
| J-6B             | 116                | 18" VCP (E)          | 2.41                | C                |
|                  |                    | 18" VCP (W)          | 2.51                |                  |
| J-6B             | 117                |                      | -                   | P0               |
| J-6B             | 118                |                      | -                   | P0               |
| J-6B             | 119                |                      | -                   | P0               |
| J-6B             | 124                | 2.0' x 3.5' B.A. (E) | 3.01                | C                |
|                  |                    | 5.0' x 3.0' B.A. (S) | -0.56               |                  |
|                  |                    | 5.0' x 3.0' B.A. (N) | -0.61               |                  |

# INVENTORY

MAP J6b

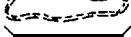
existing drainage facilities  
CITY OF CHARLESTON

## 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 250 0 250 500 750  
FEET



| 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         |

**MAP J6a**

|     |     |     |     |     |     |  |
|-----|-----|-----|-----|-----|-----|--|
|     | 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 |     |  |

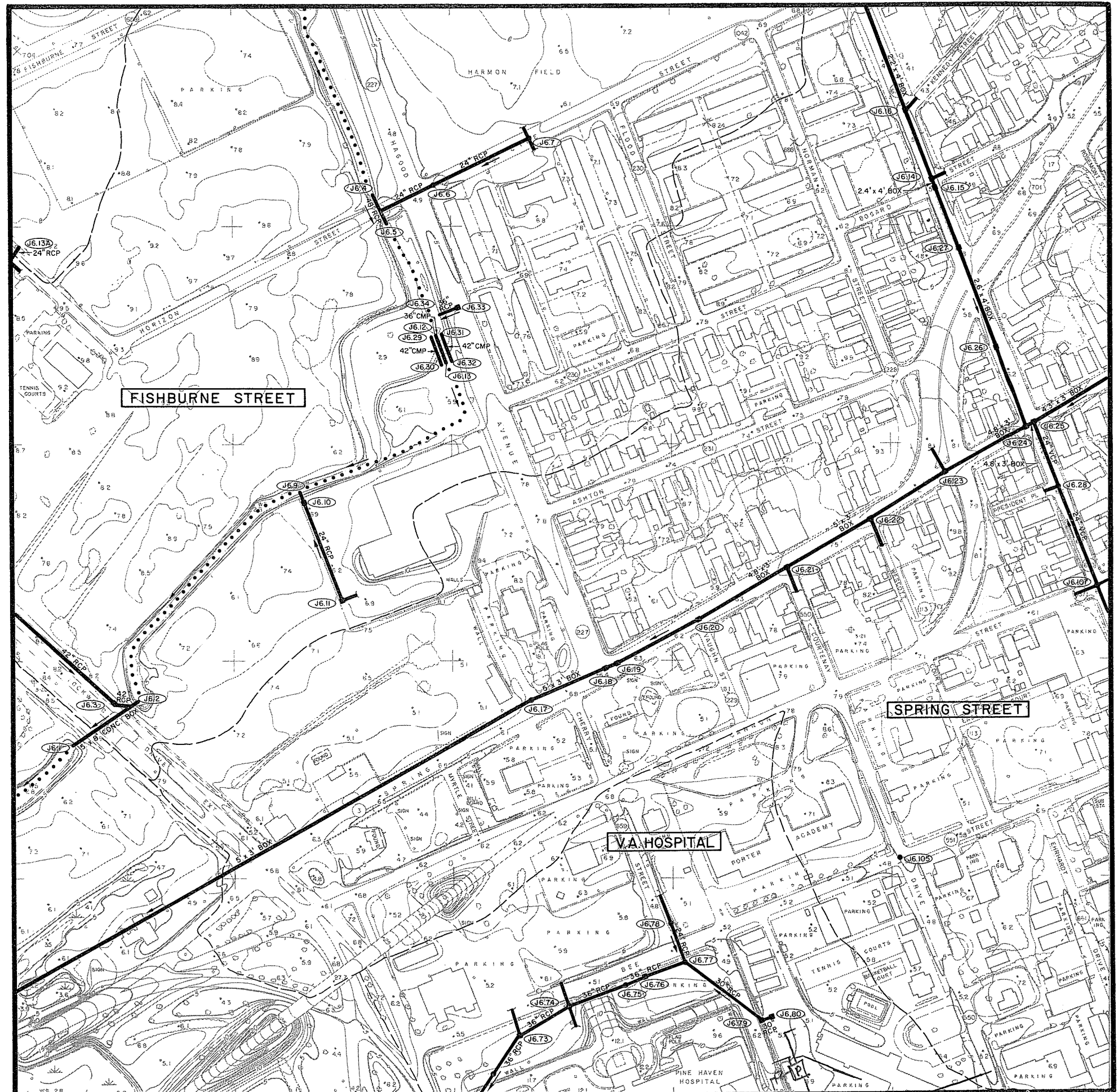


|                                                                                     |                            |
|-------------------------------------------------------------------------------------|----------------------------|
|  | DRAINAGE PIPE              |
|  | DRAINAGE CHANNEL           |
|  | 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-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

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| N7  |     | N6  |     | N5  |     |
| M7  |     | M6  |     | M5  |     |
| L7  |     | L6  |     | L5  |     |
| K7  | K6a | K6b | K5a | K5b |     |
| K7d | K6c | K6d | K5c | K5d | K4c |
|     | 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-4C             | 1                  | 12" VCP          | -                   | C                |