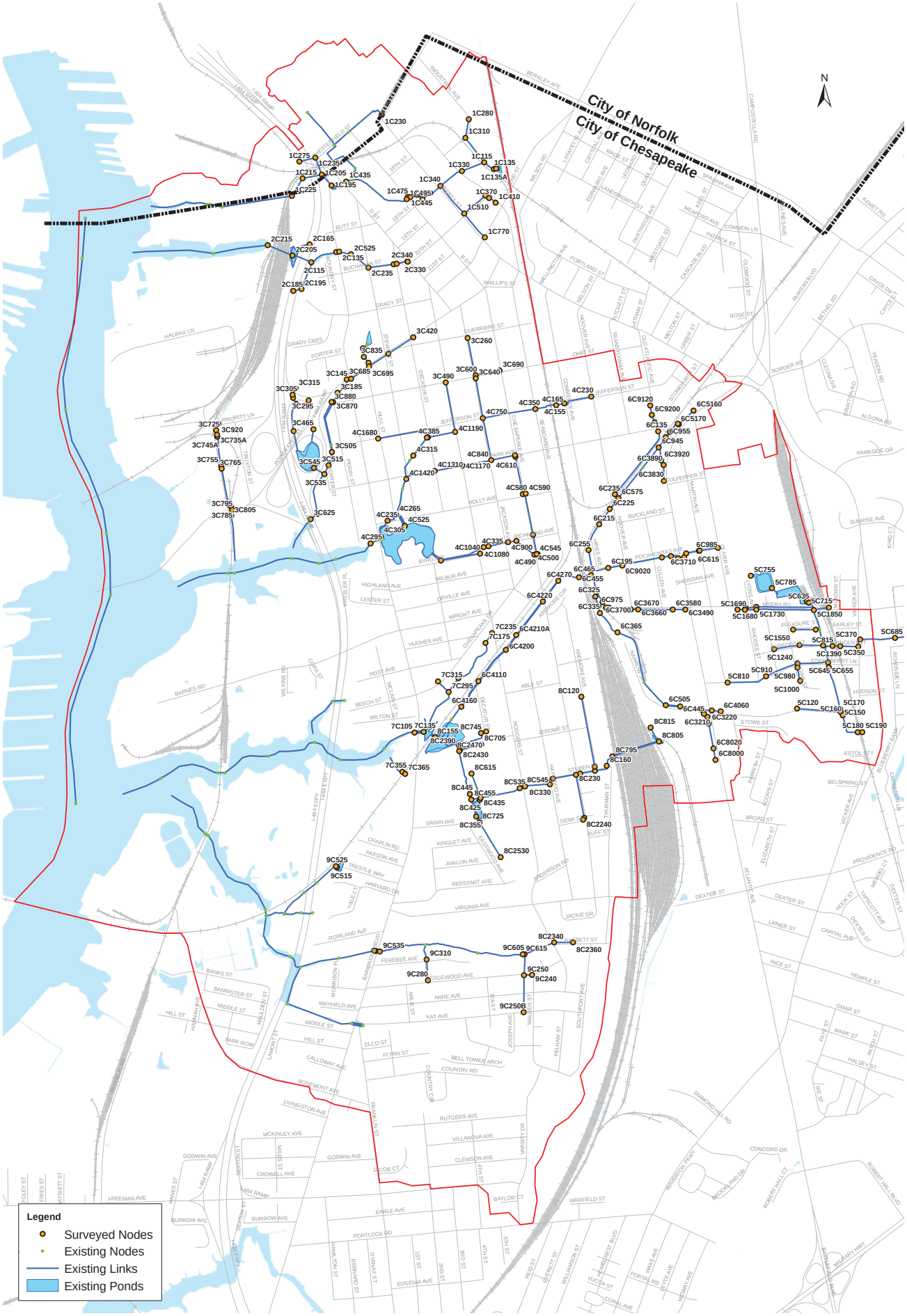
# Appendix B
# Survey Data

Chesapeake VIRGINIA
Department of Public Works

URS




See GIS for Complete Details

**Figure B1. Watershed Study - Surveyed Nodes**

In addition to the SWMM study, the South Norfolk watershed underwent other projects such as the storm structure inventory and CCTV inspections (as described elsewhere in this report). Due to the multiple iteration of the same storm system, the structures received two different numbering systems. In an effort to help place the correct survey sheet with its corresponding SWMM Node number the following Match-Keys have been created.

## Match-Key for Survey IDs and SWMM Node Numbers

### Locate SWMM Node # by Survey ID

| Survey ID | SWMM Node # | Survey ID | SWMM Node # | Survey ID | SWMM Node # |
|---|---|---|---|---|---|
| 1517 | 6C565 | 1921 | 9C230 | 2549/C1040-4 | 4C1040 |
| 1517 | 6C575 | 1923 | 9C240 | 2551/C1050-4 | 4C1050 |
| 1147 | 5C970 | 1937 | 9C290 | C1045-3 | 3C1045 |
| 1149 | 5C960 | 1945 | 9C310 | C105-2 | 2C105 |
| 1165 | 5C815 | 2025 | 1C310 | C105-6 | 6C105 |
| 1167 | 5C360 | 2027 | 1C290 | C115-1 | 1C115 |
| 1187 | 5C370 | 2029 | 1C300 | C115-6 | 6C115 |
| 1273 | 5C1890 | 2047 | 1C340 | C120-2 | 2C120 |
| 1275 | 5C1880 | 2049 | 1C460 | C125-1 | 1C125 |
| 1297 | 6C3710 | 2061 | 1C445 | C125-2 | 2C125 |
| 1307 | 6C3740 | 2061 | 1C455 | C125-4 | 4C125 |
| 1445 | 6C5080 | 2063 | 1C485 | C125-5 | 5C125 |
| 1471 | 6C3860 | 2063 | 1C495 | C130-2 | 2C130 |
| 1475 | 6C3830 | 2099 | 1C545 | C135-1 | 1C135 |
| 1485 | 6C945 | 2103 | 1C225 | C135-2 | 2C135 |
| 1523 | 6C605 | 2109A | 2C215 | C135-4 | 4C135 |
| 1549 | 6C3030 | 2109B | 2C115 | C135-5 | 5C135 |
| 1551 | 6C3040 | 2117 | 1C510 | C140-2 | 2C140 |
| 1553 | 6C3190 | 2129 | 1C770 | C145-2 | 2C145 |
| 1559/C3210-6 | 6C3210 | 2133 | 1C490 | C145-3 | 3C145 |
| 1569 | 6C3230 | 2203 | 3C315 | C1470-4 | 4C1470 |
| 1591 | 6C3470 | 2205 | 3C305 | C1540-4 | 4C1540 |
| 1593 | 6C3500 | 2217 | 3C255 | C1550-4 | 4C1550 |
| 1595 | 6C3490 | 2219 | 3C265 | C155-2 | 2C155 |
| 1611 | 6C295 | 2249 | 2C200 | C155-3 | 3C155 |
| 1611 | 6C465 | 2251 | 2C230 | C1560-4 | 4C1560 |
| 1613 | 6C305 | 2279 | 3C670 | C1580-4 | 4C1580 |
| 1613 | 6C455 | 2281 | 3C690 | C1630-4 | 4C1630 |
| 1621 | 6C4190 | 2313 | 3C400 | C165-2 | 2C165 |
| 1621 | 6C4200 | 2317/C420-3 | 3C420 | C165-7 | 7C165 |
| 1623 | 6C4170 | 2389 | 3C595 | C175-1 | 1C175 |
| 1623 | 6C4180 | 2391/C625-3 | 3C625 | C175-2 | 2C175 |
| 1635 | 8C775 | 2429 | 4C1180 | C175-3 | 3C175 |
| 1635 | 8C795 | 2445 | 4C1170 | C175-7 | 7C175 |
| 1643 | 8C210 | 2449 | 4C1130 | C1780-4 | 4C1780 |
| 1649 | 8C240 | 2453 | 4C1190 | C185-1 | 1C185 |
| 1651 | 8C270 | 2461/C1290-4 | 4C1290 | C185-2 | 2C185 |
| 1671 | 8C2360 | 2463 | 4C1790 | C185-3 | 3C185 |
| 1675 | 8C2330 | 2465 | 4C1680 | C185-7 | 7C185 |
| 1773 | 4C115 | 2475 | 4C1270 | C195-1 | 1C195 |
| 1775 | 4C145 | 2477 | 4C1280 | C195-2 | 2C195 |
| 1787 | 4C490 | 2479/C1300-4 | 4C1300 | C195-4 | 4C195 |
| 1789 | 4C500 | 2505 | 4C485 | C195-6 | 6C195 |
| 1791 | 4C470 | 2505 | 4C495 | C195-7 | 7C195 |
| 1835 | 7C315 | 2505 | 4C505 | C205-1 | 1C205 |
| 1837 | 7C285 | 2529 | 4C515 | C205-7 | 7C205 |
| 1883 | 7C365 | 2529 | 4C525 | C209 | 2C210 |
| 1885 | 7C355 | 2529 | 4C535 | C215-1 | 1C215 |

## Match-Key for Survey IDs and SWMM Node Numbers

### Locate SWMM Node # by Survey ID

| Survey ID | SWMM Node # | Survey ID | SWMM Node # | Survey ID | SWMM Node # |
|---|---|---|---|---|---|
| C215-7 | 7C215 | C425-4 | 4C425 | C755-5 | 5C755 |
| C2200-8 | 8C2200 | C435-1 | 1C435 | C755-6 | 6C755 |
| C225-4 | 4C225 | C435-3 | 3C435 | C765-6 | 6C765 |
| C225-7 | 7C225 | C435-4 | 4C435 | C795-6 | 6C795 |
| C235-1 | 1C235 | C445-3 | 3C445 | C815-8 | 8C815 |
| C235-4 | 4C235 | C445-4 | 4C445 | C825-8 | 8C825 |
| C235-7 | 7C235 | C465-1 | 1C465 | C830-3 | 3C830 |
| C245-1 | 1C245 | C465-3 | 3C465 | C835-8 | 8C835 |
| C245-7 | 7C245 | C475-1 | 1C475 | C845-8 | 8C845 |
| C250A-9 | 9C250A | C475-3 | 3C475 | C855-8 | 8C855 |
| C250B-9 | 9C250B | C5000-7 | 7C5000 | C865-8 | 8C865 |
| C2540-8 | 8C2540 | C505-3 | 3C505 | C870-3 | 3C870 |
| C255-4 | 4C255 | C5110-7 | 7C5110 | C875-8 | 8C875 |
| C255-7 | 7C255 | C515-2 | 2C515 | C885-8 | 8C885 |
| C265-1 | 1C265 | C515-3 | 3C515 | C890-4 | 4C890 |
| C265-7 | 7C265 | C5240-7 | 7C5240 | C9020-6 | 6C9020 |
| C275-1 | 1C275 | C5250-7 | 7C5250 | C9040-6 | 6C9040 |
| C275-3 | 3C275 | C525-2 | 2C525 | C9050-6 | 6C9050 |
| C275-7 | 7C275 | C525-3 | 3C525 | C910-1 | 1C910 |
| C285-1 | 1C285 | C5260-7 | 7C5260 | C9120-6 | 6C9120 |
| C285-3 | 3C285 | C535-3 | 3C535 | C9160-6 | 6C9160 |
| C285-4 | 4C285 | C535-9 | 9C535 | C9170-6 | 6C9170 |
| C295-1 | 1C295 | C545-3 | 3C545 | C9200-6 | 6C9200 |
| C295-3 | 3C295 | C545-4 | 4C545 | C920-1 | 1C920 |
| C295-4 | 4C295 | C545-6 | 6C545 | C955-6 | 6C955 |
| C295-7 | 7C295 | C545-9 | 9C545 | C985-6 | 6C985 |
| C305-1 | 1C305 | C555-3 | 3C555 | | |
| C305-4 | 4C305 | C555-6 | 6C555 | | |
| C305-7 | 7C305 | C575-3 | 3C575 | | |
| C315-4 | 4C315 | C580A-1 | 1C580A | | |
| C3160-6 | 6C3160 | C580B-1 | 1C580B | | |
| C325-1 | 1C325 | C605-9 | 9C605 | | |
| C325-4 | 4C325 | C615-6 | 6C615 | | |
| C335-1 | 1C335 | C615-9 | 9C615 | | |
| C335-4 | 4C335 | C635-3 | 3C635 | | |
| C345-3 | 3C345 | C635-5 | 5C635 | | |
| C355-3 | 3C355 | C645-5 | 5C645 | | |
| C355-4 | 4C355 | C655-5 | 5C655 | | |
| C360-9 | 9C360 | C685-3 | 3C685 | | |
| C365-4 | 4C365 | C695-3 | 3C695 | | |
| C370-9 | 9C370 | C695-6 | 6C695 | | |
| C375-1 | 1C375 | C715-3 | 3C715 | | |
| C385-4 | 4C385 | C715-5 | 5C715 | | |
| C395-4 | 4C395 | C715-6 | 6C715 | | |
| C405-3 | 3C405 | C720-4 | 4C720 | | |
| C405-4 | 4C405 | C725-5 | 5C725 | | |
| C415-4 | 4C415 | C735-6 | 6C735 | | |
| C425-1 | 1C425 | C745-6 | 6C745 | | |

## Match-Key for Survey IDs and SWMM Node Numbers

### Locate Survey ID by SWMM Node #

| SWMM Node # | Survey ID | SWMM Node # | Survey ID | SWMM Node # | Survey ID |
|---|---|---|---|---|---|
| 1C115 | C115-1 | 2C155 | C155-2 | 3C870 | C870-3 |
| 1C125 | C125-1 | 2C165 | C165-2 | 4C1040 | 2549/C1040-4 |
| 1C135 | C135-1 | 2C175 | C175-2 | 4C1050 | 2551/C1050-4 |
| 1C175 | C175-1 | 2C185 | C185-2 | 4C1130 | 2449 |
| 1C185 | C185-1 | 2C195 | C195-2 | 4C115 | 1773 |
| 1C195 | C195-1 | 2C200 | 2249 | 4C1170 | 2445 |
| 1C205 | C205-1 | 2C210 | C209 | 4C1180 | 2429 |
| 1C215 | C215-1 | 2C215 | 2109A | 4C1190 | 2453 |
| 1C225 | 2103 | 2C230 | 2251 | 4C125 | C125-4 |
| 1C235 | C235-1 | 2C515 | C515-2 | 4C1270 | 2475 |
| 1C245 | C245-1 | 2C525 | C525-2 | 4C1280 | 2477 |
| 1C265 | C265-1 | 3C1045 | C1045-3 | 4C1290 | 2461/C1290-4 |
| 1C275 | C275-1 | 3C145 | C145-3 | 4C1300 | 2479/C1300-4 |
| 1C285 | C285-1 | 3C155 | C155-3 | 4C135 | C135-4 |
| 1C290 | 2027 | 3C175 | C175-3 | 4C145 | 1775 |
| 1C295 | C295-1 | 3C185 | C185-3 | 4C1470 | C1470-4 |
| 1C300 | 2029 | 3C255 | 2217 | 4C1540 | C1540-4 |
| 1C305 | C305-1 | 3C265 | 2219 | 4C1550 | C1550-4 |
| 1C310 | 2025 | 3C275 | C275-3 | 4C1560 | C1560-4 |
| 1C325 | C325-1 | 3C285 | C285-3 | 4C1580 | C1580-4 |
| 1C335 | C335-1 | 3C295 | C295-3 | 4C1630 | C1630-4 |
| 1C340 | 2047 | 3C305 | 2205 | 4C1680 | 2465 |
| 1C375 | C375-1 | 3C315 | 2203 | 4C1780 | C1780-4 |
| 1C425 | C425-1 | 3C345 | C345-3 | 4C1790 | 2463 |
| 1C435 | C435-1 | 3C355 | C355-3 | 4C195 | C195-4 |
| 1C445 | 2061 | 3C400 | 2313 | 4C225 | C225-4 |
| 1C455 | 2061 | 3C405 | C405-3 | 4C235 | C235-4 |
| 1C460 | 2049 | 3C420 | 2317/C420-3 | 4C255 | C255-4 |
| 1C465 | C465-1 | 3C435 | C435-3 | 4C285 | C285-4 |
| 1C475 | C475-1 | 3C445 | C445-3 | 4C295 | C295-4 |
| 1C485 | 2063 | 3C465 | C465-3 | 4C305 | C305-4 |
| 1C490 | 2133 | 3C475 | C475-3 | 4C315 | C315-4 |
| 1C495 | 2063 | 3C505 | C505-3 | 4C325 | C325-4 |
| 1C510 | 2117 | 3C515 | C515-3 | 4C335 | C335-4 |
| 1C545 | 2099 | 3C525 | C525-3 | 4C355 | C355-4 |
| 1C580A | C580A-1 | 3C535 | C535-3 | 4C365 | C365-4 |
| 1C580B | C580B-1 | 3C545 | C545-3 | 4C385 | C385-4 |
| 1C770 | 2129 | 3C555 | C555-3 | 4C395 | C395-4 |
| 1C910 | C910-1 | 3C575 | C575-3 | 4C405 | C405-4 |
| 1C920 | C920-1 | 3C595 | 2389 | 4C415 | C415-4 |
| 2C105 | C105-2 | 3C625 | 2391/C625-3 | 4C425 | C425-4 |
| 2C115 | 2109B | 3C635 | C635-3 | 4C435 | C435-4 |
| 2C120 | C120-2 | 3C670 | 2279 | 4C445 | C445-4 |
| 2C125 | C125-2 | 3C685 | C685-3 | 4C470 | 1791 |
| 2C130 | C130-2 | 3C690 | 2281 | 4C485 | 2505 |
| 2C135 | C135-2 | 3C695 | C695-3 | 4C490 | 1787 |
| 2C140 | C140-2 | 3C715 | C715-3 | 4C495 | 2505 |
| 2C145 | C145-2 | 3C830 | C830-3 | 4C500 | 1789 |

## Match-Key for Survey IDs and SWMM Node Numbers

### Locate Survey ID by SWMM Node #

| SWMM Node # | Survey ID | SWMM Node # | Survey ID | SWMM Node # | Survey ID |
|---|---|---|---|---|---|
| 4C505 | 2505 | 6C555 | C555-6 | 8C2360 | 1671 |
| 4C515 | 2529 | 6C565 | 1517 | 8C240 | 1649 |
| 4C525 | 2529 | 6C575 | 1517 | 8C2540 | C2540-8 |
| 4C535 | 2529 | 6C605 | 1523 | 8C270 | 1651 |
| 4C545 | C545-4 | 6C615 | C615-6 | 8C775 | 1635 |
| 4C720 | C720-4 | 6C695 | C695-6 | 8C795 | 1635 |
| 4C890 | C890-4 | 6C715 | C715-6 | 8C815 | C815-8 |
| 5C125 | C125-5 | 6C735 | C735-6 | 8C825 | C825-8 |
| 5C135 | C135-5 | 6C745 | C745-6 | 8C835 | C835-8 |
| 5C1880 | 1275 | 6C755 | C755-6 | 8C845 | C845-8 |
| 5C1890 | 1273 | 6C765 | C765-6 | 8C855 | C855-8 |
| 5C360 | 1167 | 6C795 | C795-6 | 8C865 | C865-8 |
| 5C370 | 1187 | 6C9020 | C9020-6 | 8C875 | C875-8 |
| 5C635 | C635-5 | 6C9040 | C9040-6 | 8C885 | C885-8 |
| 5C645 | C645-5 | 6C9050 | C9050-6 | 9C230 | 1921 |
| 5C655 | C655-5 | 6C9120 | C9120-6 | 9C240 | 1923 |
| 5C715 | C715-5 | 6C9160 | C9160-6 | 9C250A | C250A-9 |
| 5C725 | C725-5 | 6C9170 | C9170-6 | 9C250B | C250B-9 |
| 5C755 | C755-5 | 6C9200 | C9200-6 | 9C290 | 1937 |
| 5C815 | 1165 | 6C945 | 1485 | 9C310 | 1945 |
| 5C960 | 1149 | 6C955 | C955-6 | 9C360 | C360-9 |
| 5C970 | 1147 | 6C985 | C985-6 | 9C370 | C370-9 |
| 6C105 | C105-6 | 7C165 | C165-7 | 9C535 | C535-9 |
| 6C115 | C115-6 | 7C175 | C175-7 | 9C545 | C545-9 |
| 6C195 | C195-6 | 7C185 | C185-7 | 9C605 | C605-9 |
| 6C295 | 1611 | 7C195 | C195-7 | 9C615 | C615-9 |
| 6C3030 | 1549 | 7C205 | C205-7 | | |
| 6C3040 | 1551 | 7C215 | C215-7 | | |
| 6C305 | 1613 | 7C225 | C225-7 | | |
| 6C3160 | C3160-6 | 7C235 | C235-7 | | |
| 6C3190 | 1553 | 7C245 | C245-7 | | |
| 6C3210 | 1559/C3210-6 | 7C255 | C255-7 | | |
| 6C3230 | 1569 | 7C265 | C265-7 | | |
| 6C3470 | 1591 | 7C275 | C275-7 | | |
| 6C3490 | 1595 | 7C285 | 1837 | | |
| 6C3500 | 1593 | 7C295 | C295-7 | | |
| 6C3710 | 1297 | 7C305 | C305-7 | | |
| 6C3740 | 1307 | 7C315 | 1835 | | |
| 6C3830 | 1475 | 7C355 | 1885 | | |
| 6C3860 | 1471 | 7C365 | 1883 | | |
| 6C4170 | 1623 | 7C5000 | C5000-7 | | |
| 6C4180 | 1623 | 7C5110 | C5110-7 | | |
| 6C4190 | 1621 | 7C5240 | C5240-7 | | |
| 6C4200 | 1621 | 7C5250 | C5250-7 | | |
| 6C455 | 1613 | 7C5260 | C5260-7 | | |
| 6C465 | 1611 | 8C210 | 1643 | | |
| 6C5080 | 1445 | 8C2200 | C2200-8 | | |
| 6C545 | C545-6 | 8C2330 | 1675 | | |

(13)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C115-1; C125-1; C135-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: OI

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

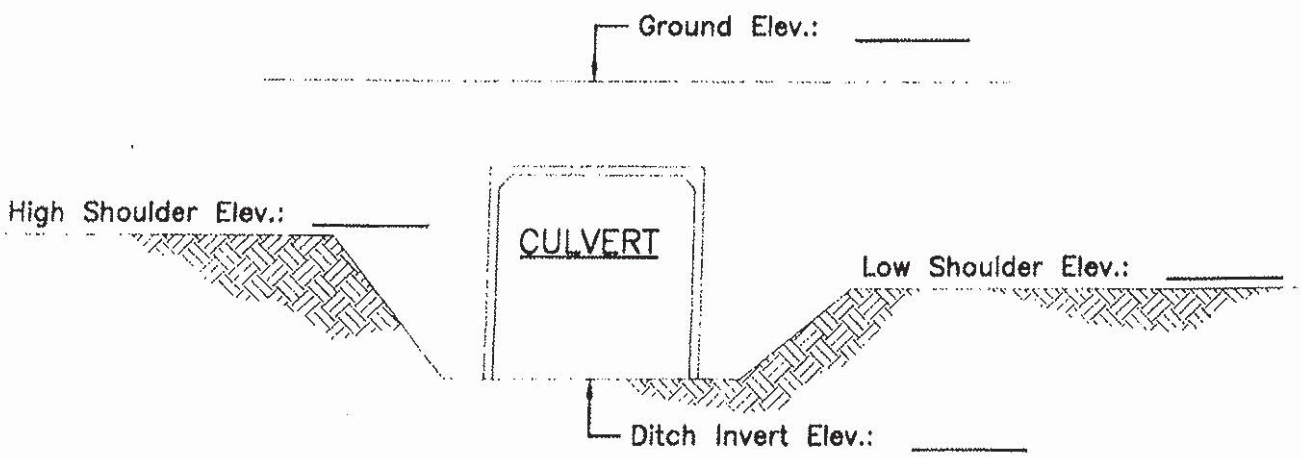
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

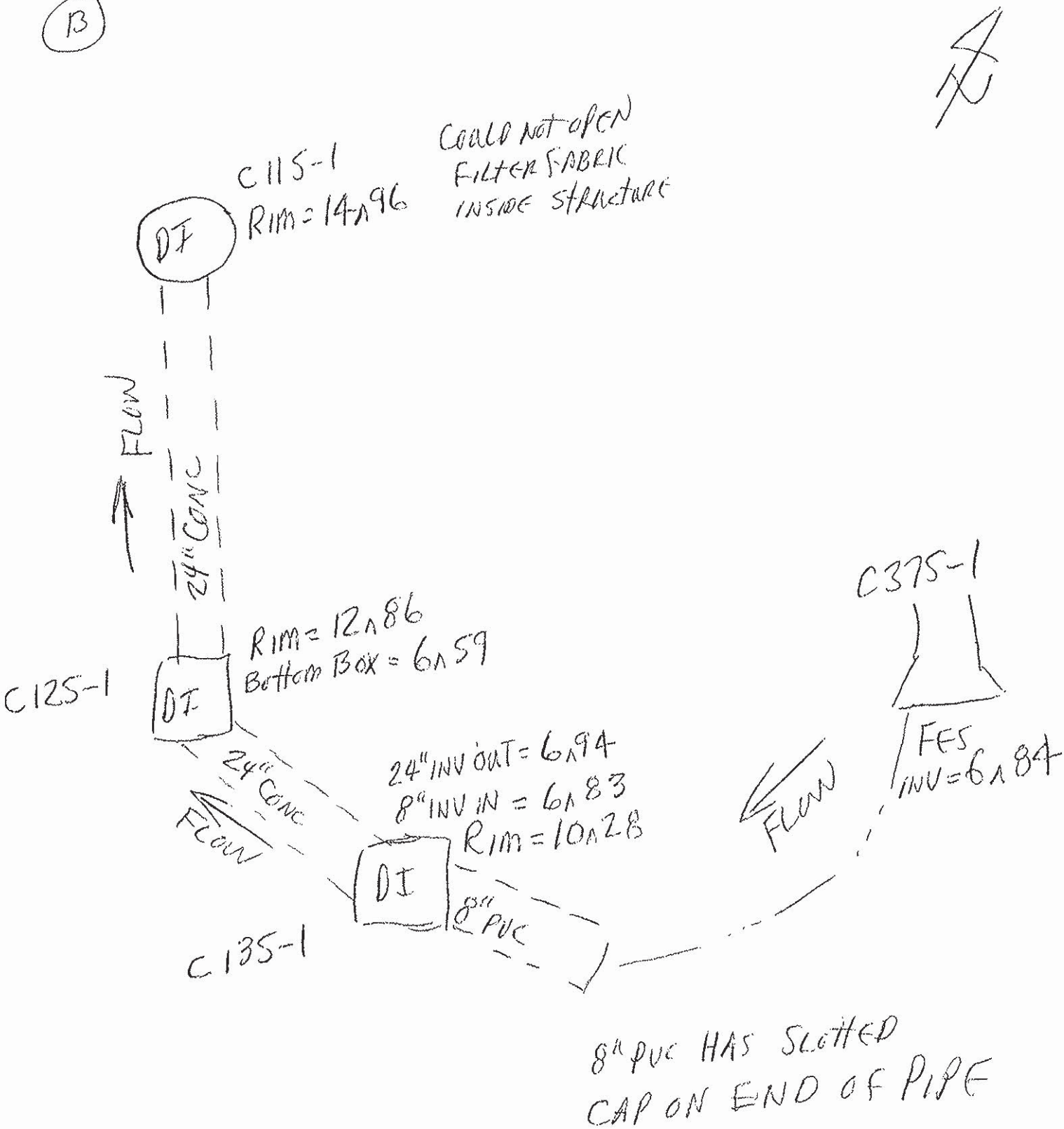
CULVERT

DITCH




Additional description of the point location: C115-1 to C125-1 to 135-1 to C375-1

(B)


C115-1
RIM = 14.96
COULD NOT OPEN
FILTER FABRIC
INSIDE STRUCTURE
DI
FLOW
24" CONC
RIM = 12.86
Bottom Box = 6.59
C125-1
DI
24" CONC
FLOW
24" INV OUT = 6.94
8" INV IN = 6.83
RIM = 10.28
DI
8" PVC
C135-1
FLOW
C375-1
FES
INV = 6.84
8" PVC HAS SLOTTED
CAP ON END OF PIPE

(22)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C195-1; C205-1; C215-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV; SMH; SMH

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

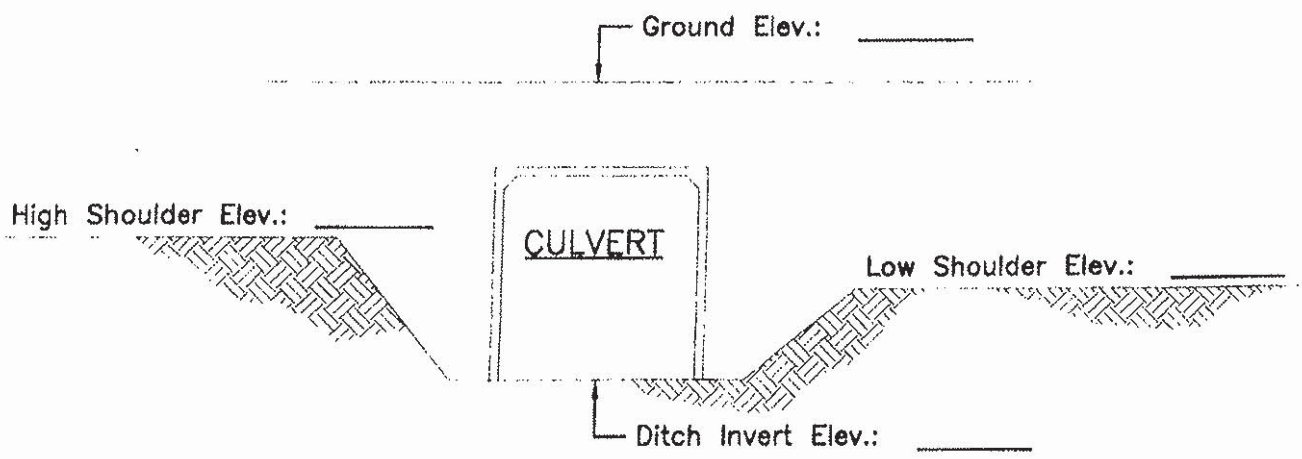
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

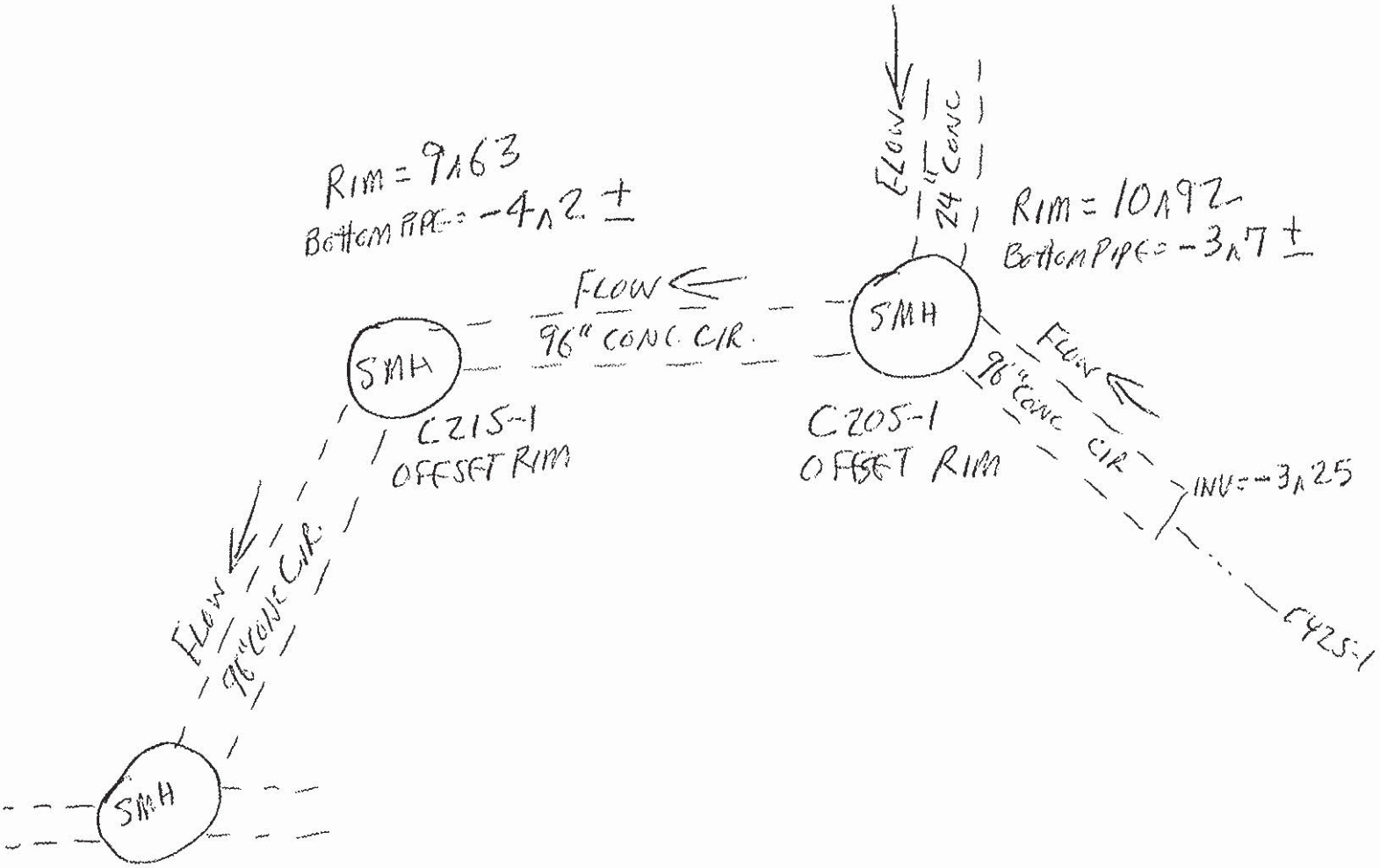
CULVERT

DITCH




Additional description of the point location: FROM C425-1 to C195-1 to C205-1 to C245-1; FROM C205-1 to C215-1 to SMH

22


RIM = 9.63
BOTTOM PIPE = -4.2 ±
FLOW
96" CONC. CIR.
SMH
C215-1
OFFSET RIM
FLOW
24" CONC
RIM = 10.92
BOTTOM PIPE = -3.7 ±
SMH
C205-1
OFFSET RIM
FLOW
96" CONC CIR
INV = -3.25
C425-1
FLOW
96" CONC CIR
SMH

(17)

Project: SOUTH NORFOLK

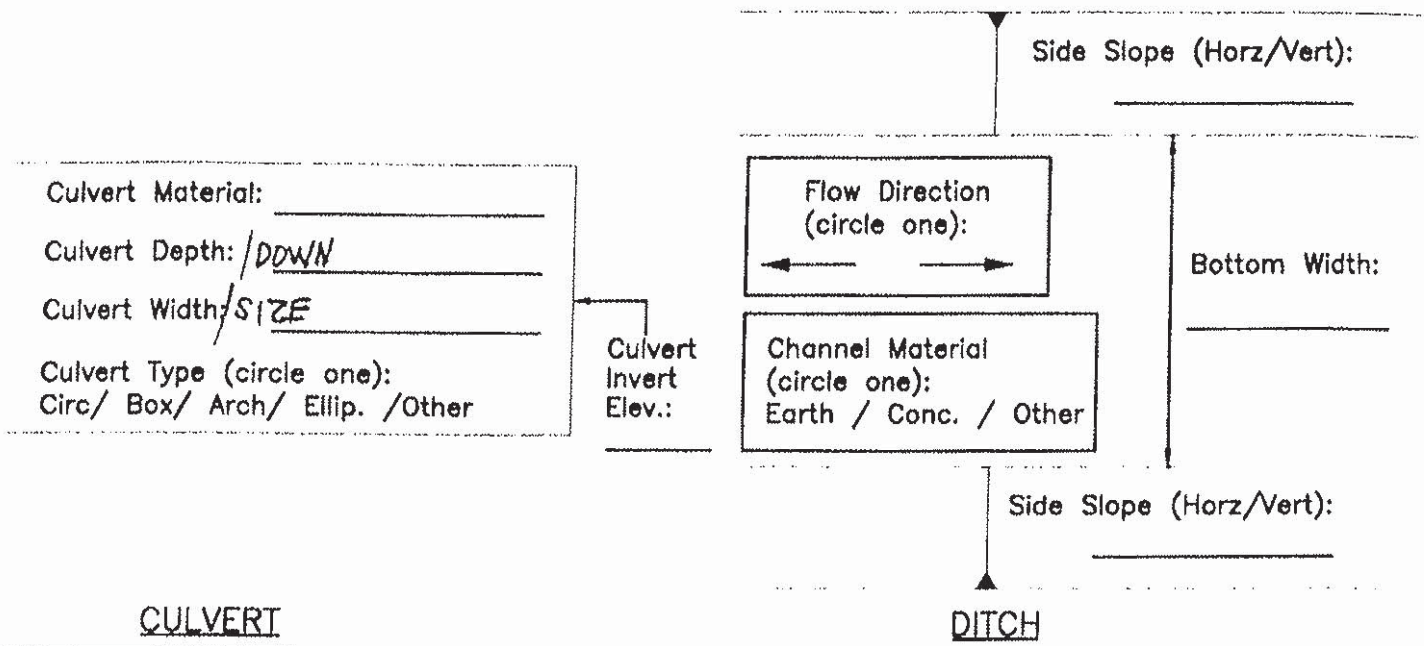
~~Node/Point #~~: GIS-ID # C235-1; C245-1

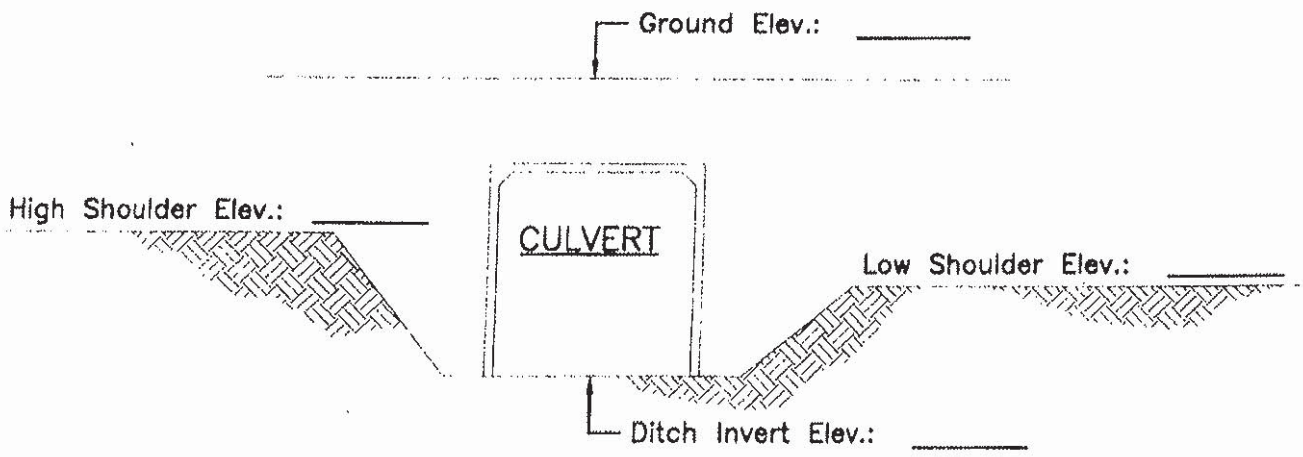
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 11 FEB 09

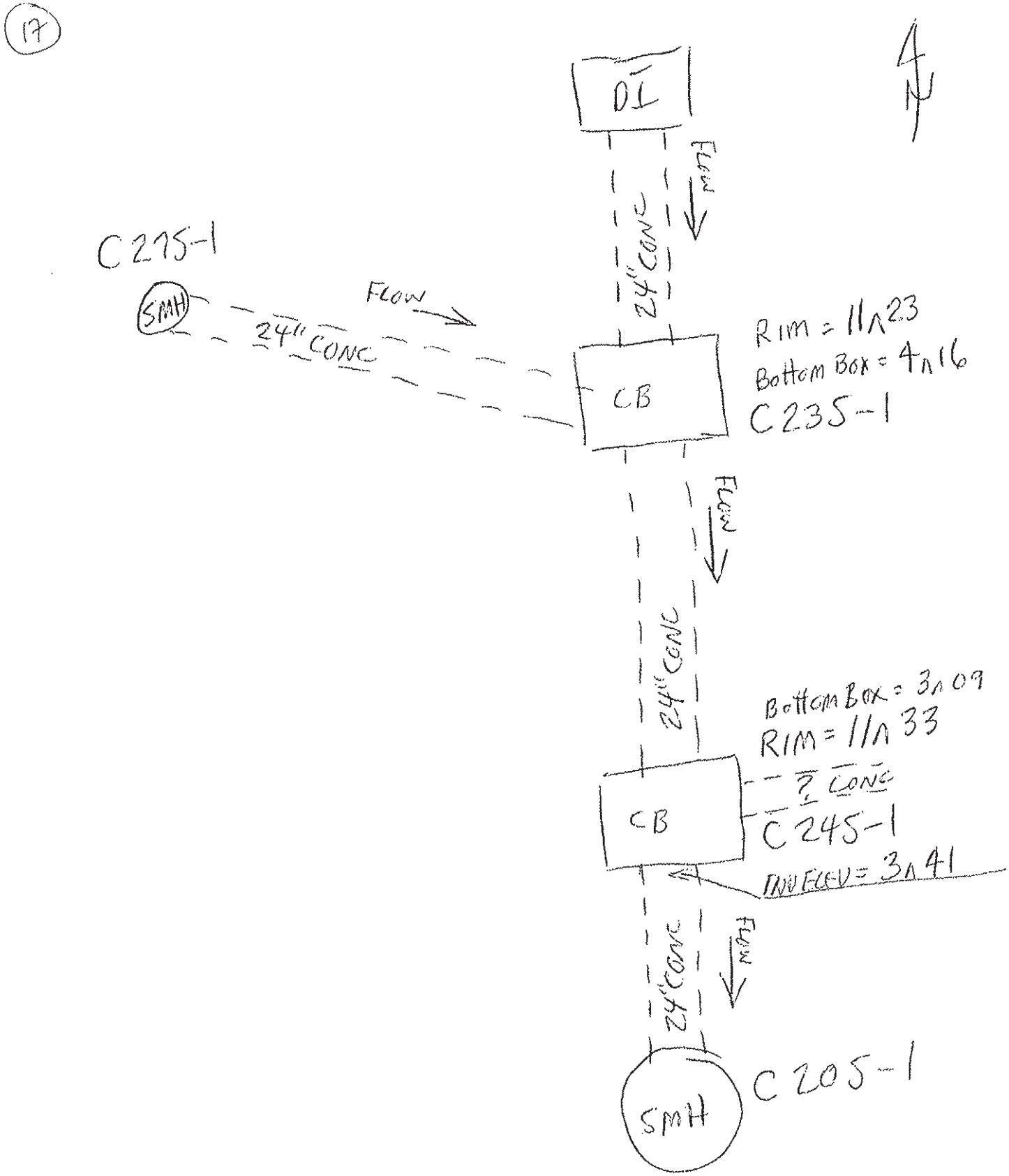
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.




Additional description of the point location: FROM DI to C235-1 to C245-1 AND FROM C235-1 to C275-1


17
DI
FLOW
24" CONC
C 275-1
SMH
FLOW
24" CONC
CB
RIM = 11.23
Bottom Box = 4.16
C 235-1
FLOW
24" CONC
Bottom Box = 3.09
RIM = 11.33
? CONC
CB
C 245-1
INV ELEV = 3.41
24" CONC
FLOW
SMH
C 205-1

(16)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C265-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 29 JAN 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

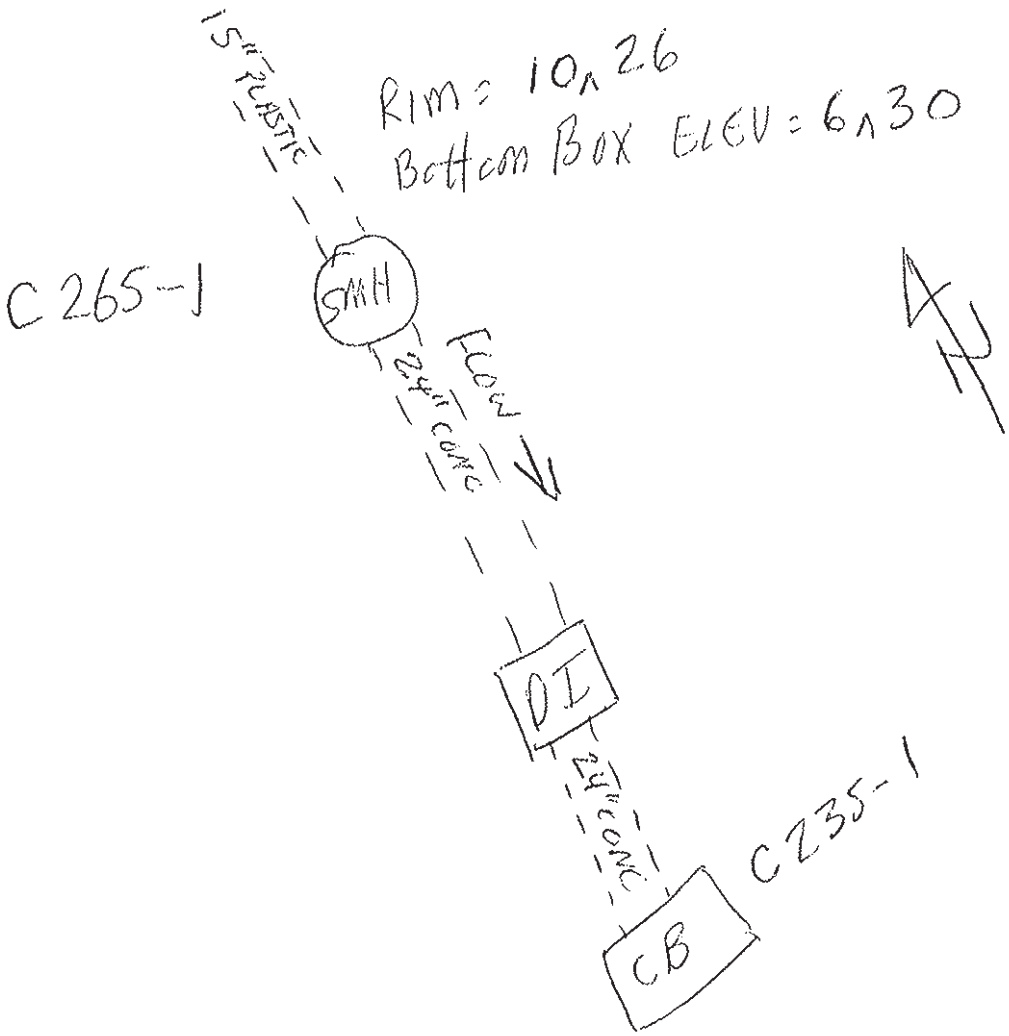
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C265-1 to DI

(OVER)

(18)


15" PLASTIC
RIM = 10.26
Bottom BOX ELEV = 6.30
C 265-1
SMH
FLOW
24" CONC
DI
24" CONC
CB
C235-1

(20)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 275-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

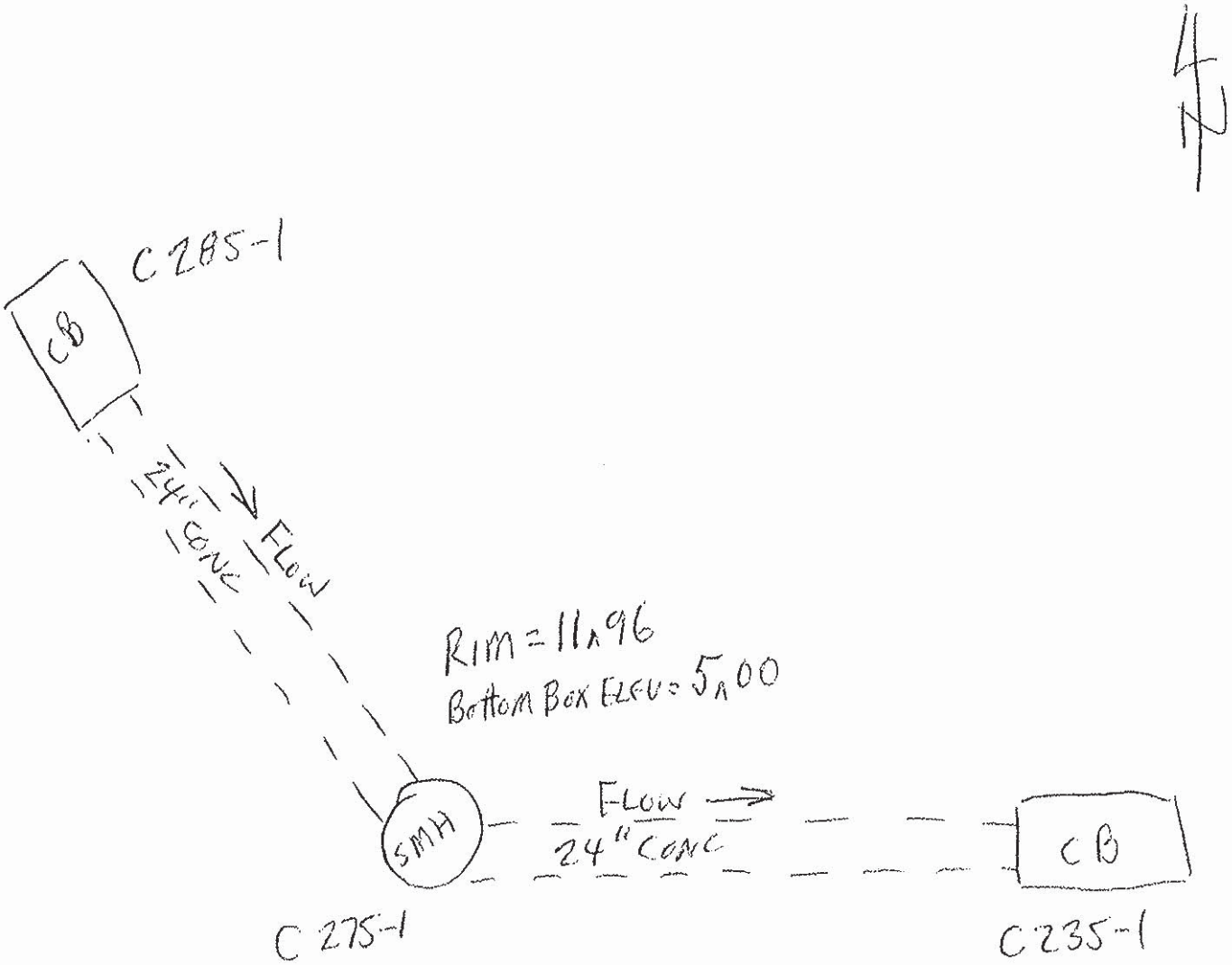
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C285-1 to C275-1 to C235-1

20


N
C 285-1
CB
24" CONC
FLOW
RIM = 11.96
Bottom Box Elev = 5.00
SMH
FLOW
24" CONC
CB
C 275-1
C 235-1

(19)

Project: SOUTH NORFOLK

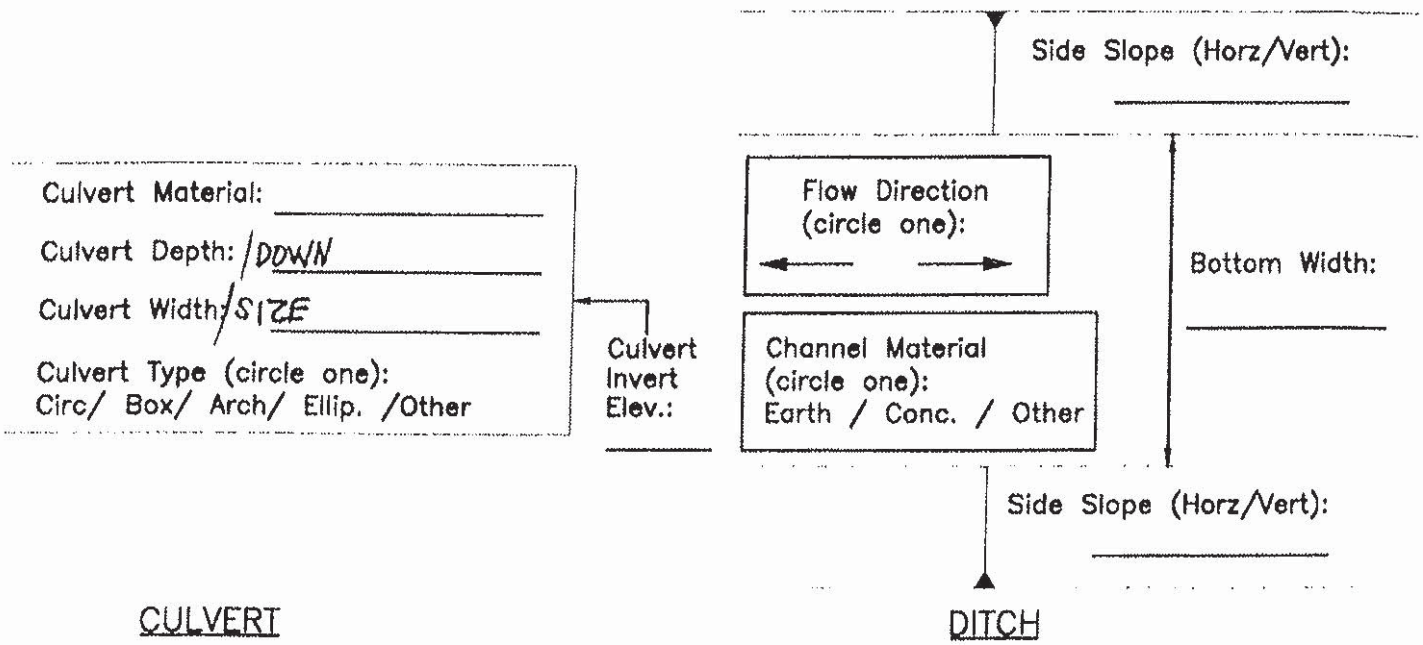
~~Node/Point #~~: GIS-ID # C295-1; C285-1

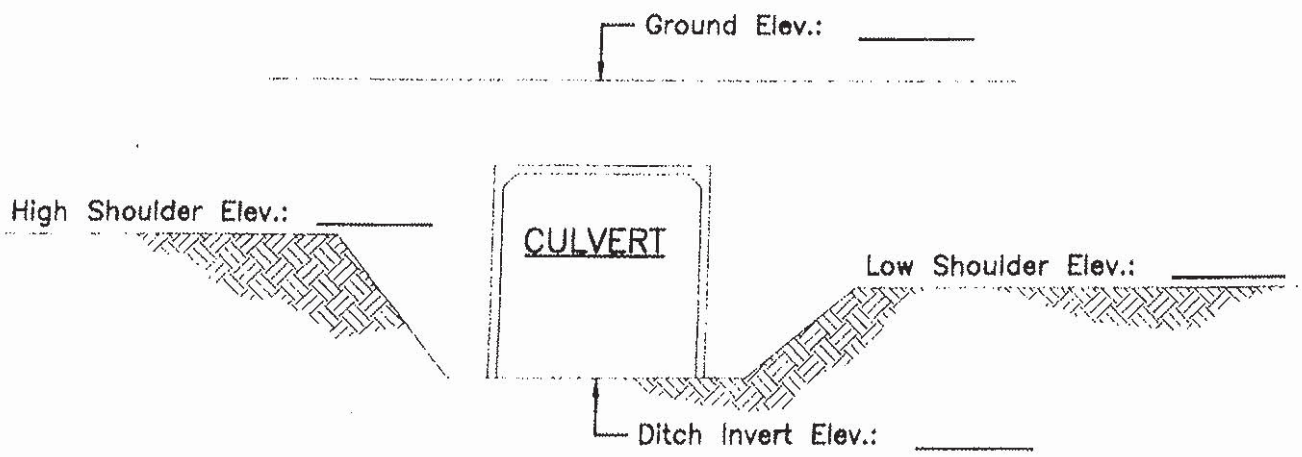
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 11 FEB 09

Surveyed By: CAF

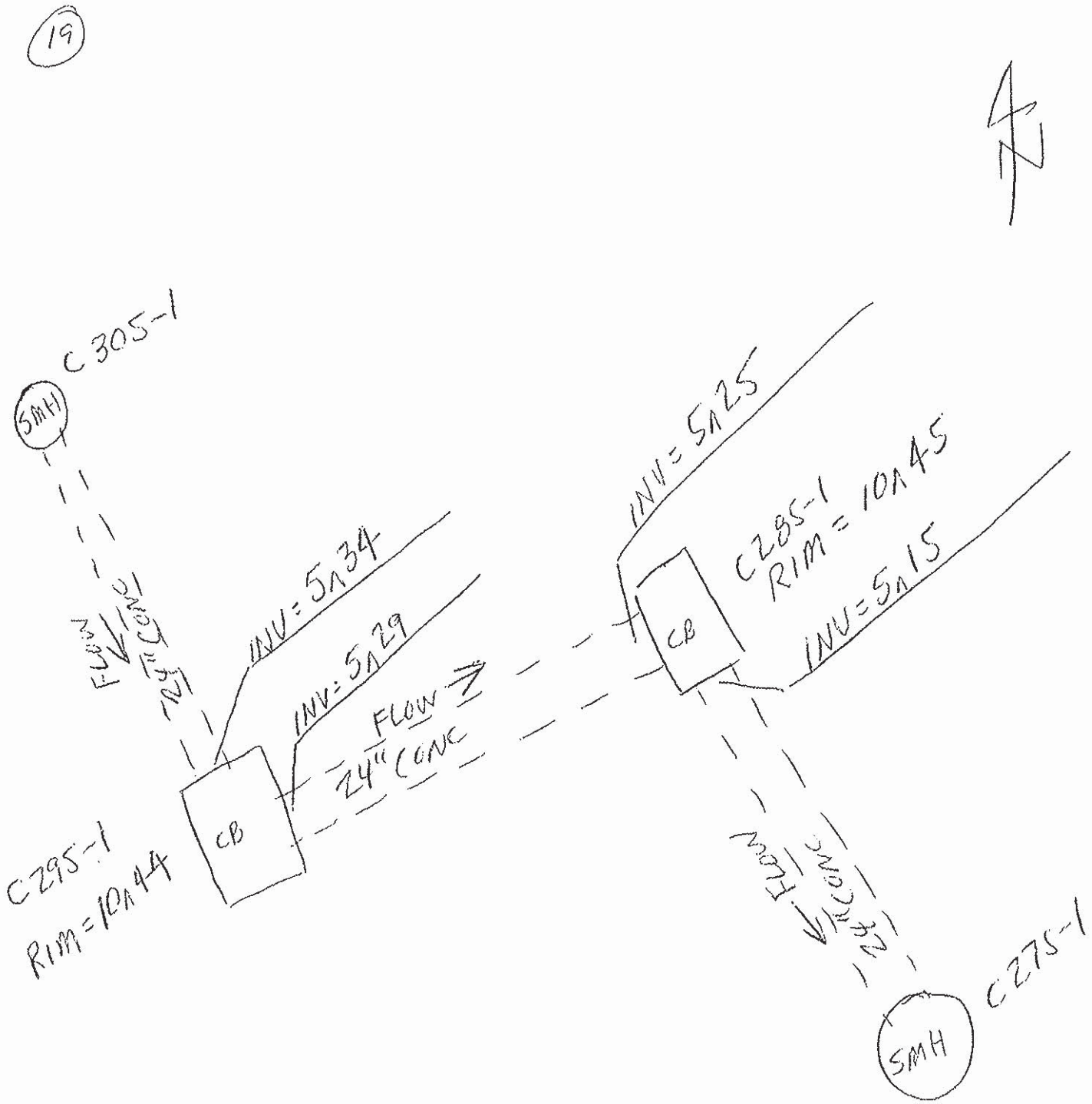
THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.




Additional description of the point location: FROM C305-1 to C295-1 to C285-1 to C275-1

(OVER)


19
N
C 305-1
SMH
FLOW
24" CONC
INV = 5A34
INV = 5A29
FLOW
24" CONC
CB
C295-1
RIM = 10A44
INV = 5A25
C285-1
RIM = 10A45
INV = 5A15
CB
FLOW
24" CONC
C275-1
SMH

(18)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 305-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 27 JAN 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT ~~SIDE DRAIN~~ DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

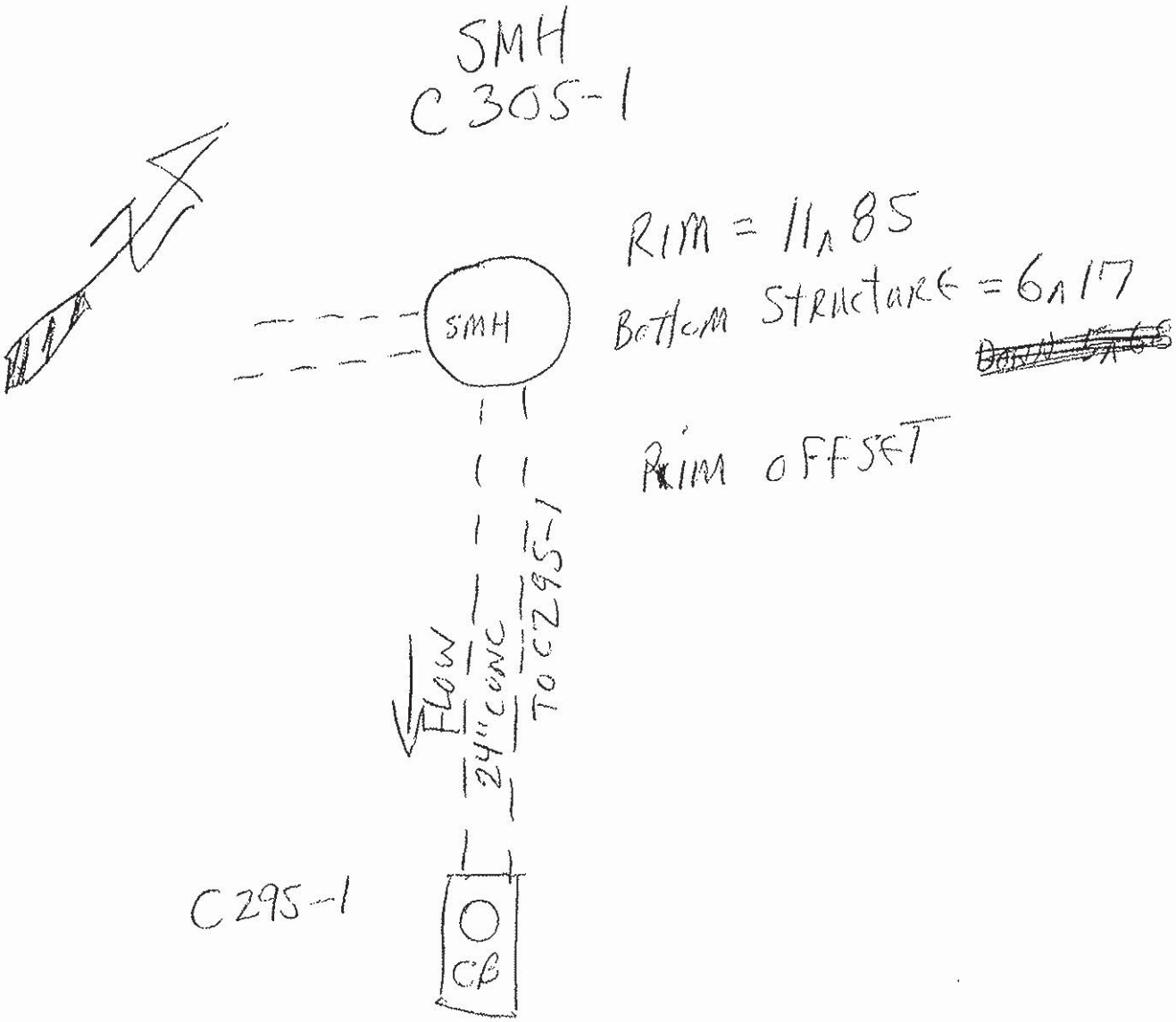
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C305-1 to C295-1

OVER

(18)


SMH
C 305-1
RIM = 11.85
Bottom Structure = 6.17
~~Bottom 5.68~~
SMH
RIM OFFSET
FLOW
24" CONC
TO C295-1
C295-1
CB

(35)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C~~42~~325-1; C 335-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI; SMH

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

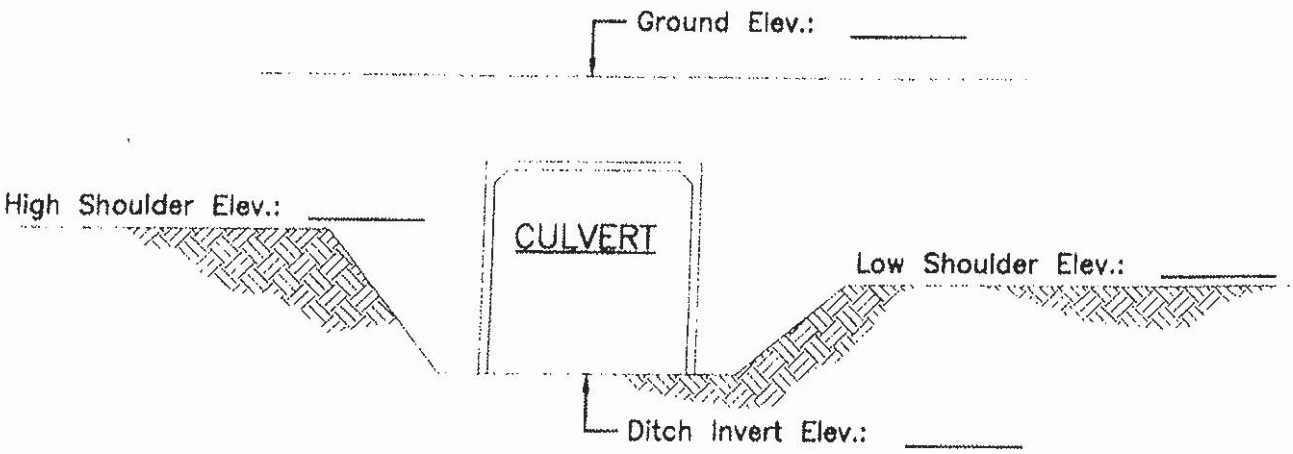
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

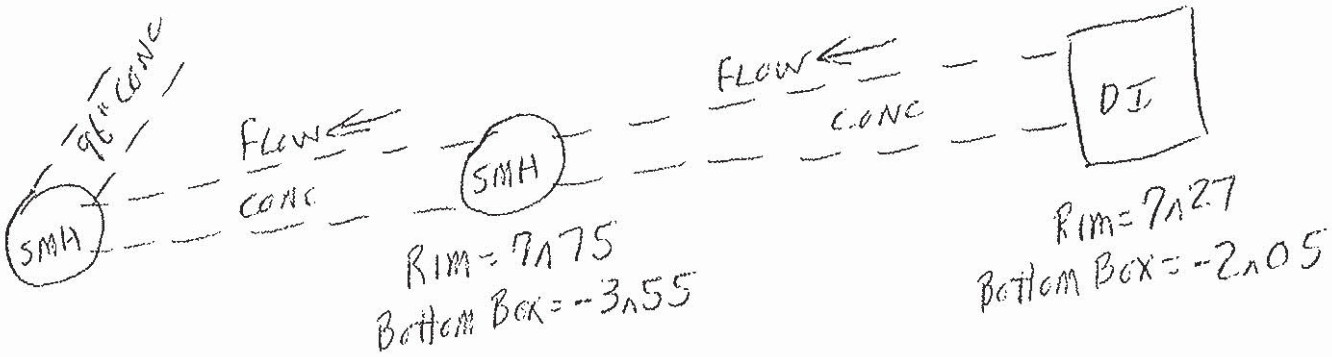
CULVERT

DITCH




Additional description of the point location: C 325-1 to C 335-1 to SMH

35




COULD NOT GET PIPE SIZE
36" & 42" SIZE SHOWN ON UDOT PLANS

(36)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID #C175-1; C185-1; C375-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DE; DI; INV

Date: 12FEB09

Surveyed By: EAE

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DDWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

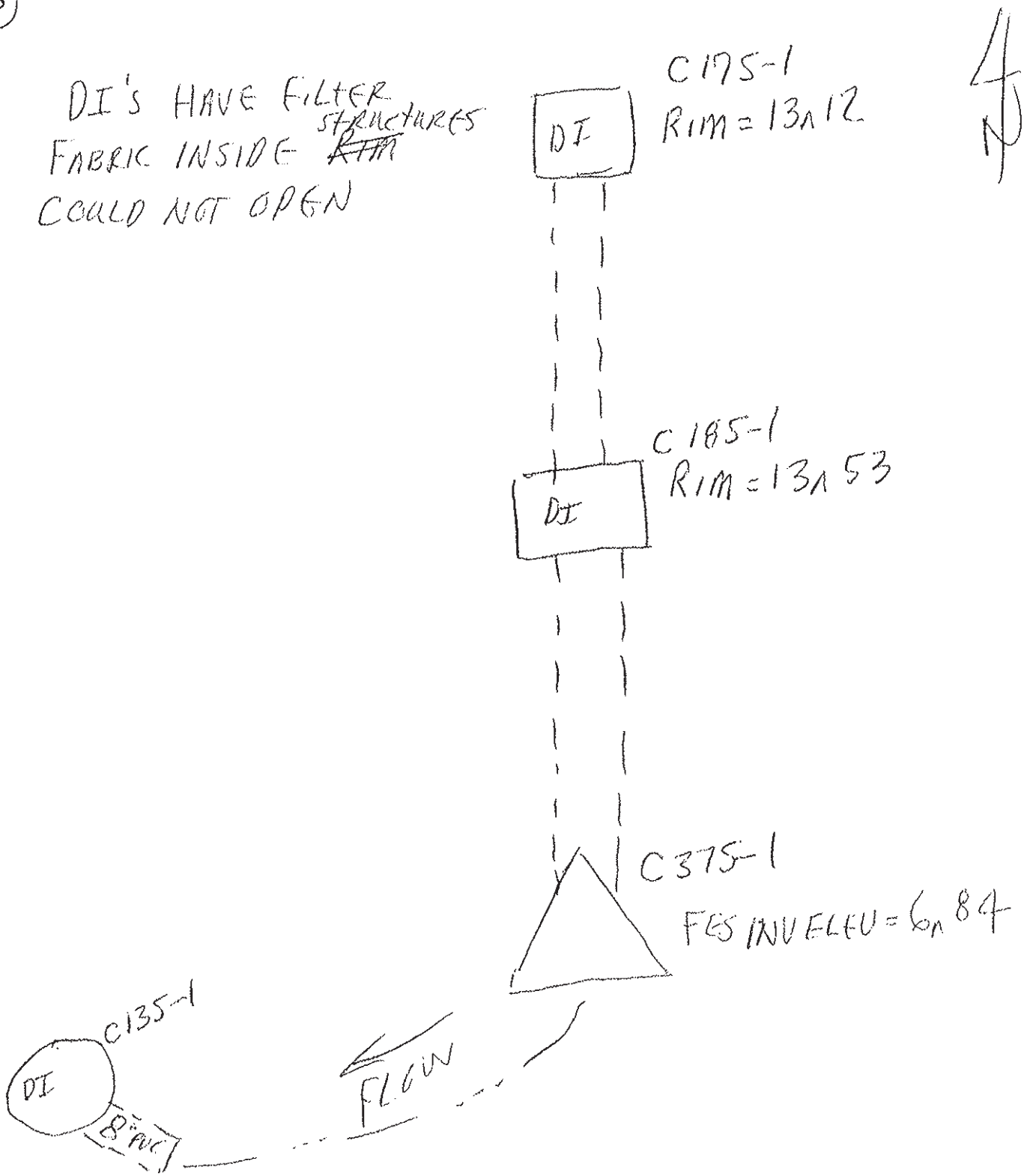
Ditch Invert Elev.: _____

Additional description of the point location: FROM C175-1 to C185-1 to C375-1 to C135-1

OVER

36

DI'S HAVE FILTER FABRIC INSIDE ~~RIM~~ STRUCTURES
COULD NOT OPEN



(15)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C465-1 ; C475-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONCRETE

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

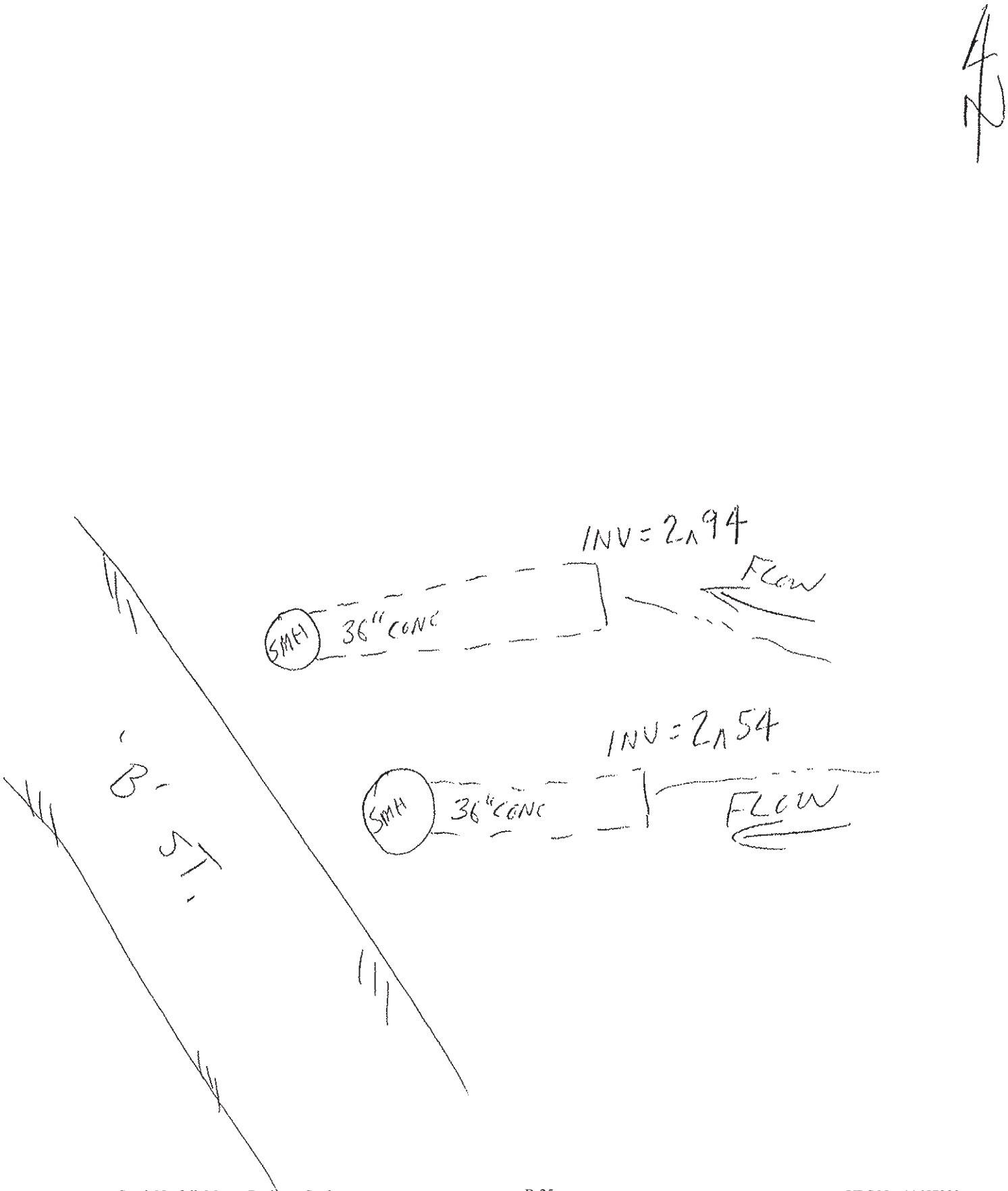
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

15



(14)

Project: SOUTH NORFOLK

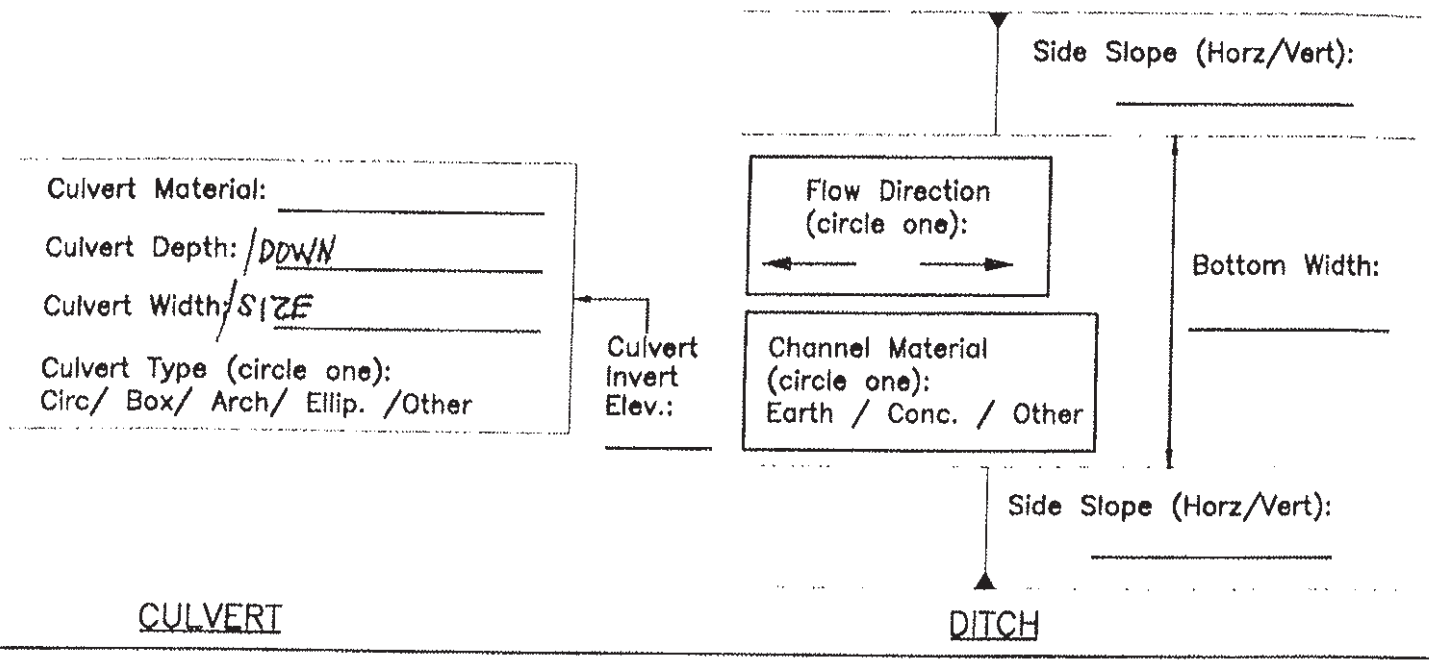
~~Node/Point #~~: GIS-ID # C580A-1; C580B-1

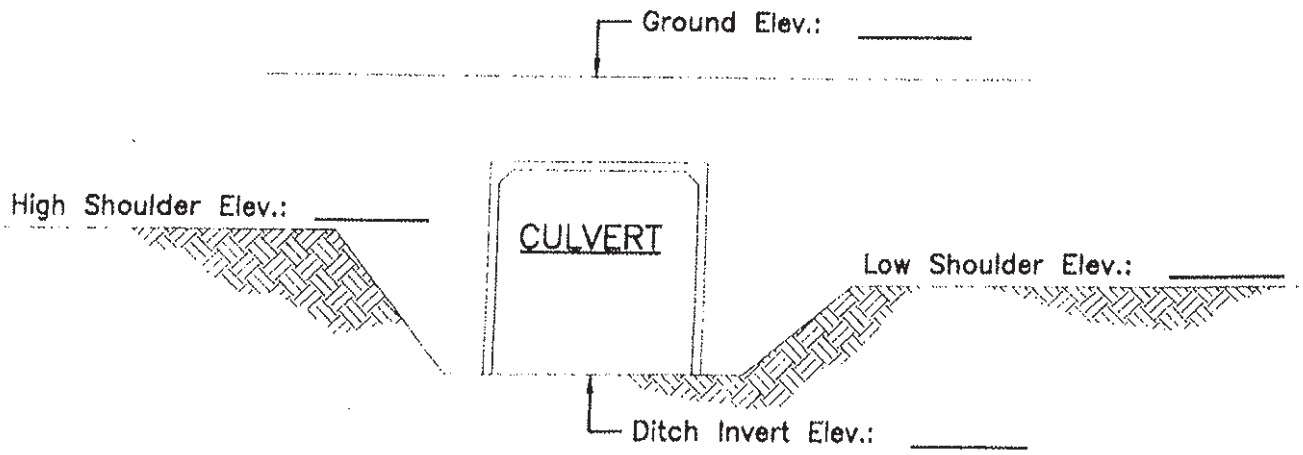
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; DI

Date: 12 FEB 09

Surveyed By: EAF

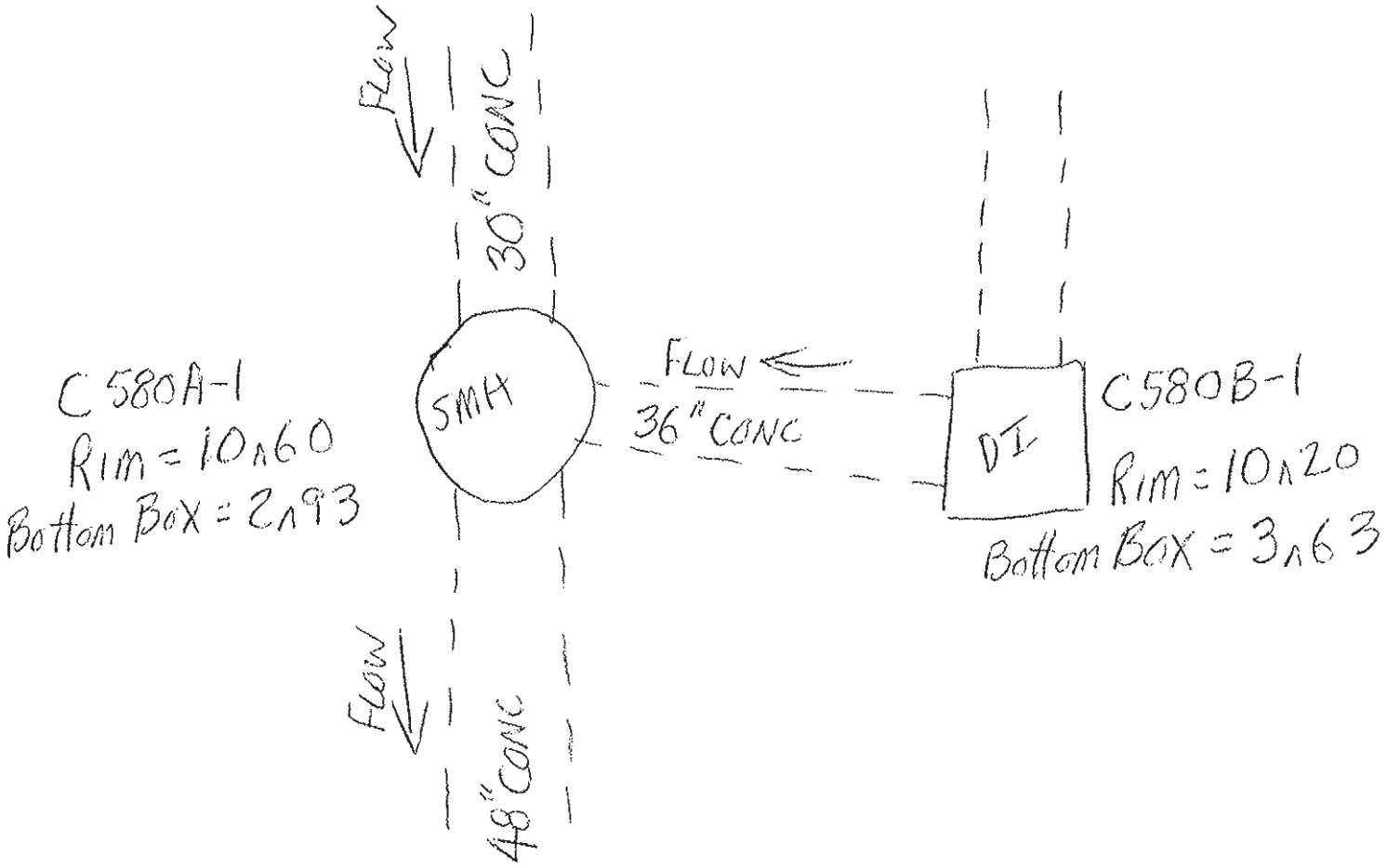
THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.




Additional description of the point location: FROM C580B-1 to C580A-1

(14)


FLOW
30" CONC
C 580A-1
RIM = 10.60
Bottom Box = 2.93
SMH
FLOW
36" CONC
DI
C580B-1
RIM = 10.20
Bottom Box = 3.63
FLOW
48" CONC

(21)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C435-1; C910-1; C920-1; C425-1

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV; CB; CB; INV

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

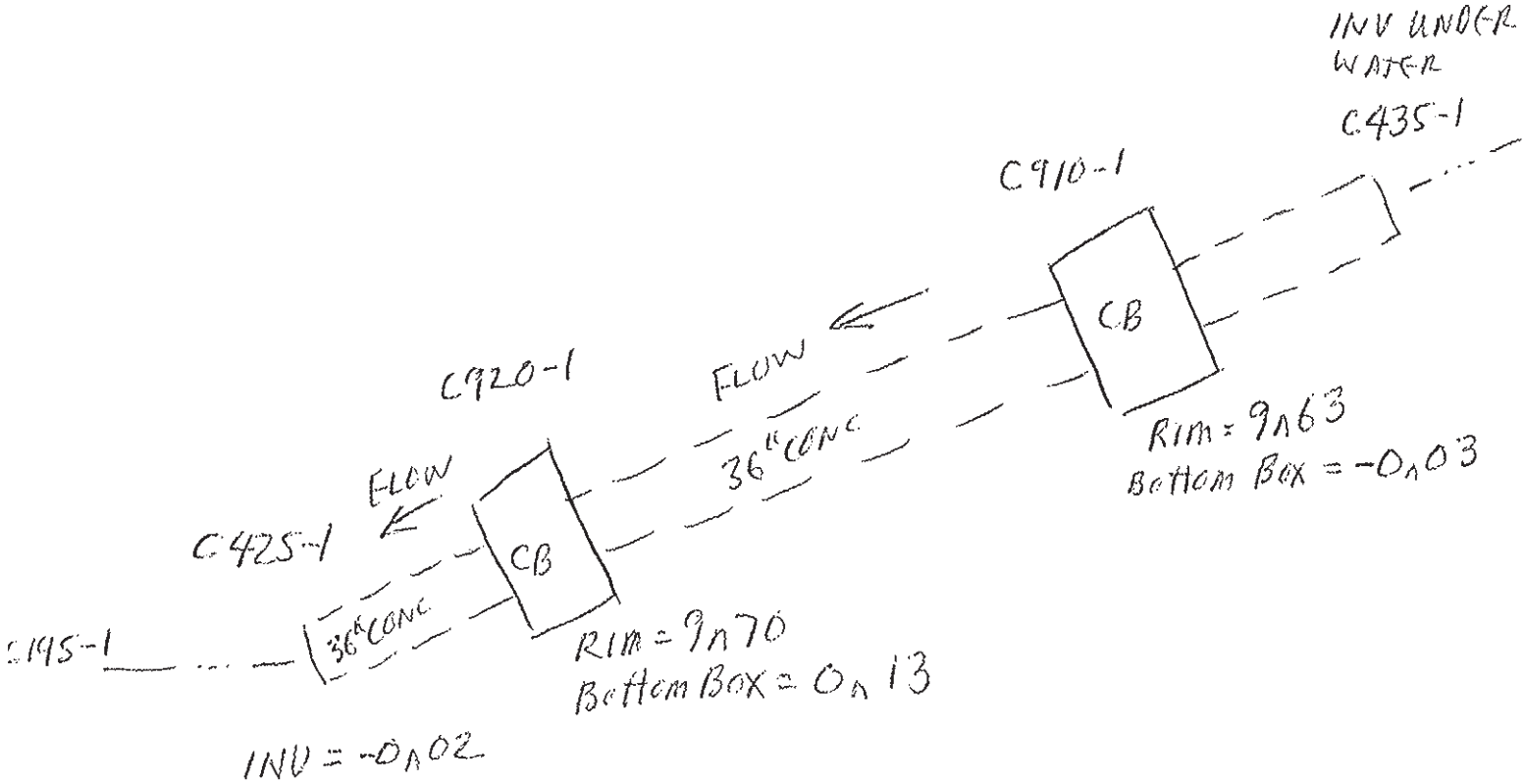
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C435-1 to C910-1 to C920-1 to C425-1 to C195-1

(21)


INV UNDER WATER
C435-1
C910-1
CB
FLOW
36" CONC
RIM = 9.63
Bottom Box = -0.03
C920-1
FLOW
C425-1
CB
36" CONC
C195-1
RIM = 9.70
Bottom Box = 0.13
INV = -0.02

(9)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C120-2; C130; C140-2

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB; CB; DT

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width: /SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

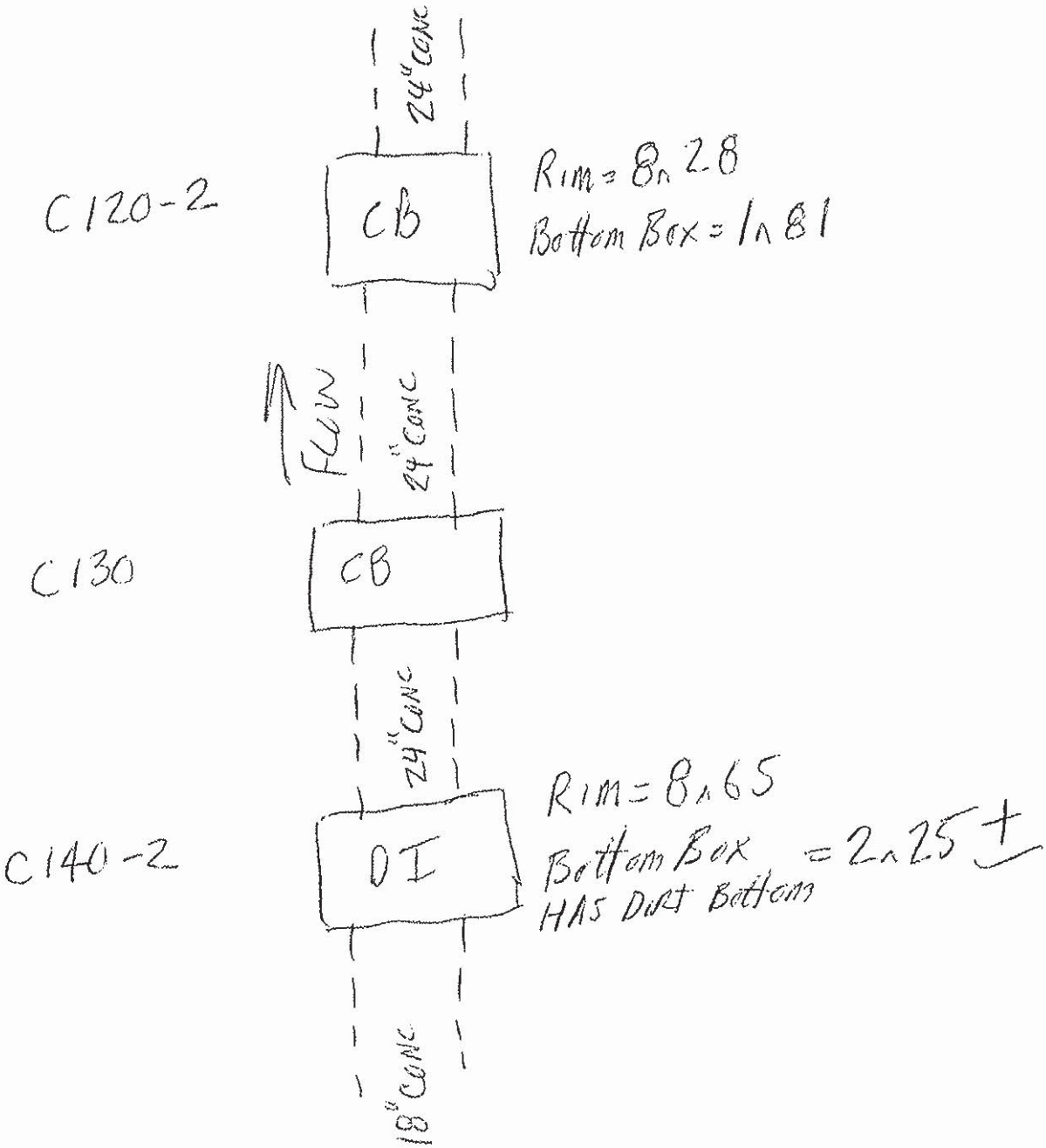
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: C120-2 to C130-C140-2

OVER

(9)


24" CONC
C120-2
CB
Rim = 8.28
Bottom Box = 1.81
FLOW
24" CONC
C130
CB
24" CONC
C140-2
DI
Rim = 8.65
Bottom Box = 2.25 ±
HAS DIRT Bottom
18" CONC

11

Project: SOUTH NORFOLK

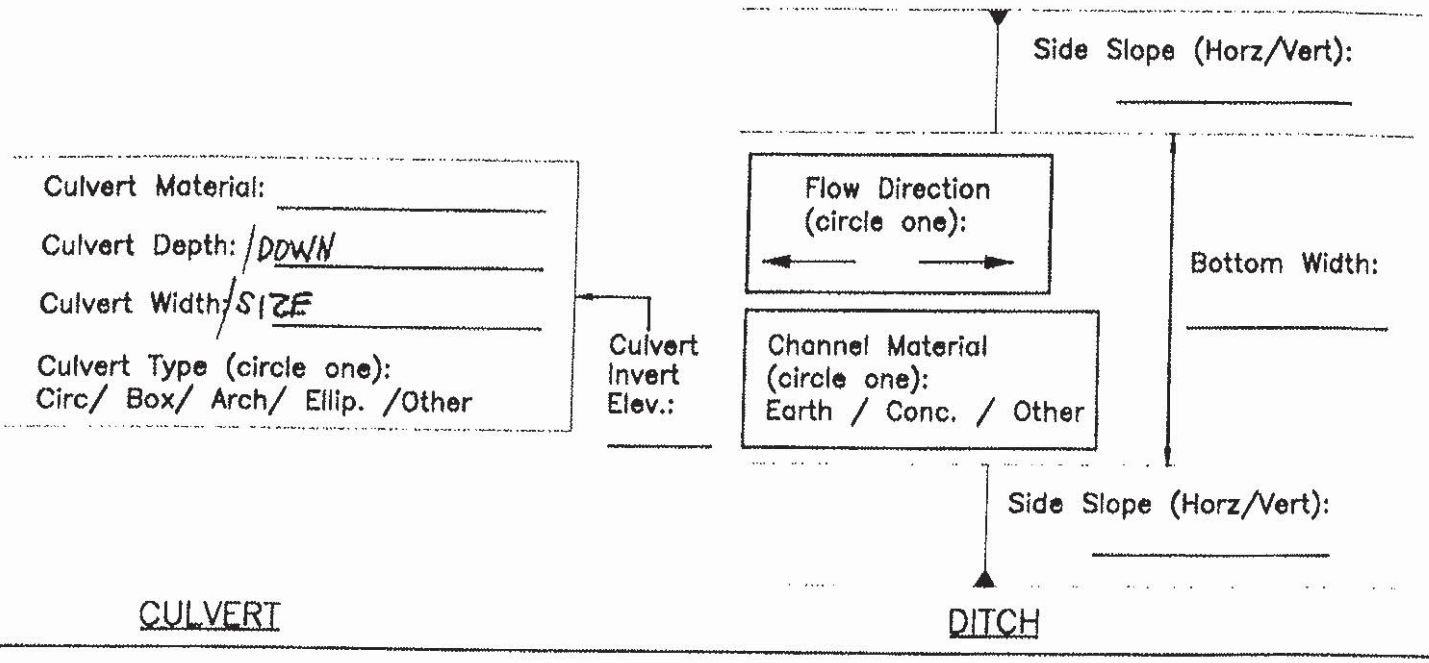
Date: 12 FEB 09

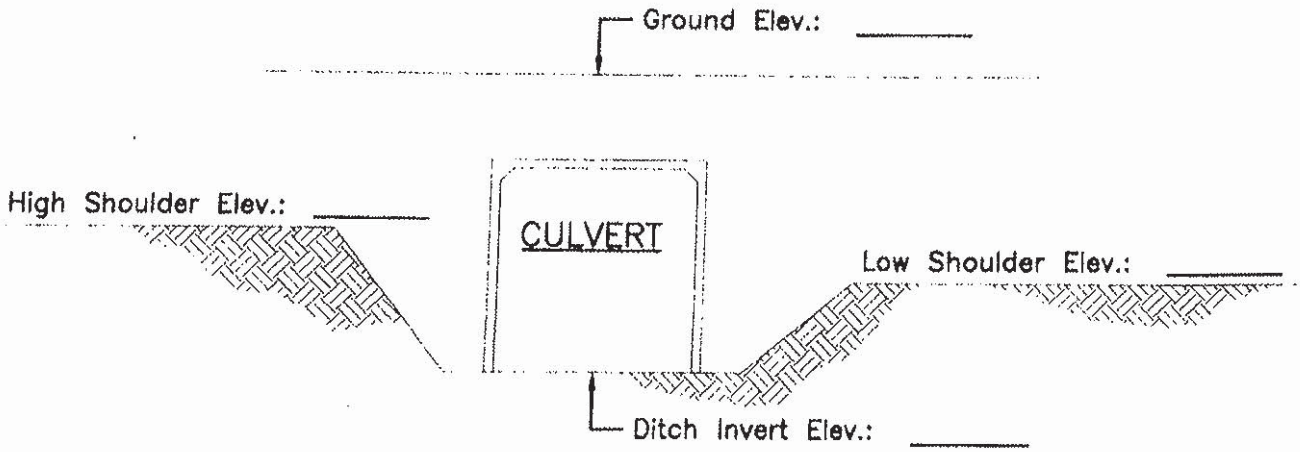
~~Node/Point #~~: GIS-ID # C125-2; 435-2; C145-2; C155-2

Surveyed By: EAF

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.



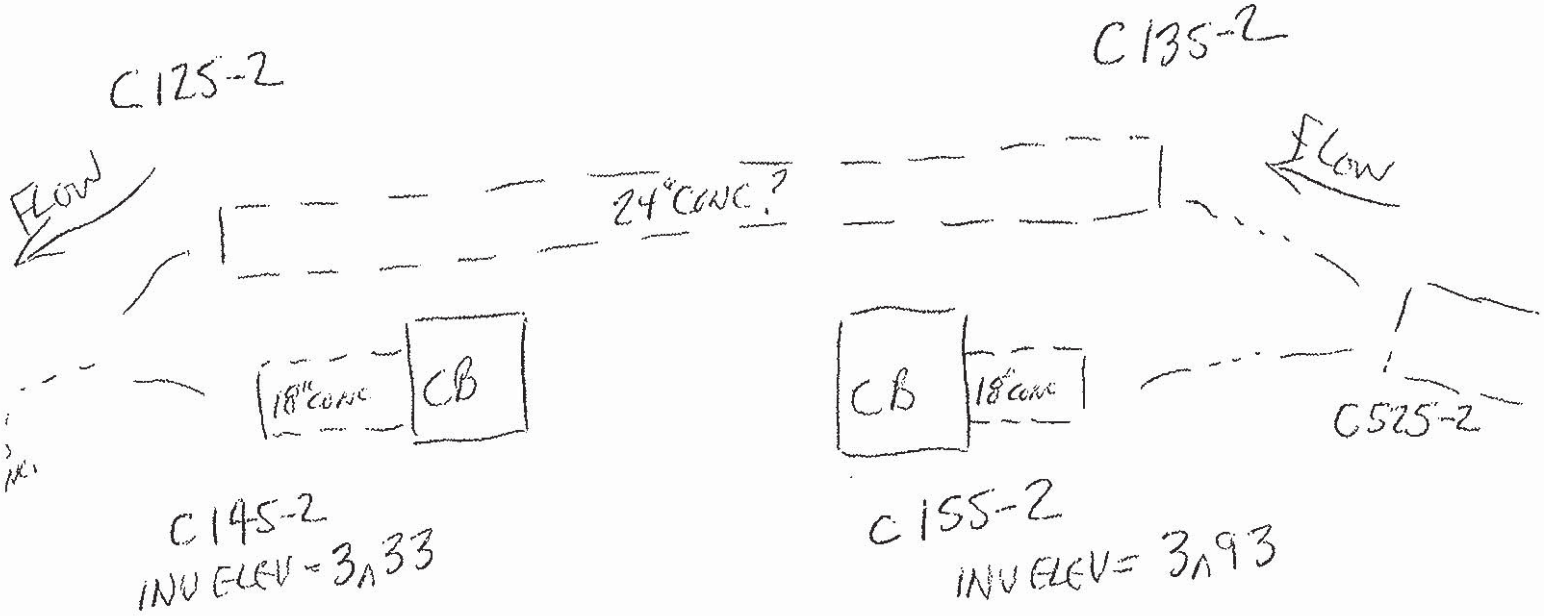

Additional description of the point location: C125-2 to C135-2; C145-2; C155-2 to C525-2

OVER

(11)

N

COULD NOT GET ELEV ON 24"? PIPE



37

Project: SOUTH NORFOLK

Date: 12 FEB 09

~~Node/Point #~~: GIS - ID # C165-2; C175-2; C105-2

Surveyed By: EAF

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI; INV;

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

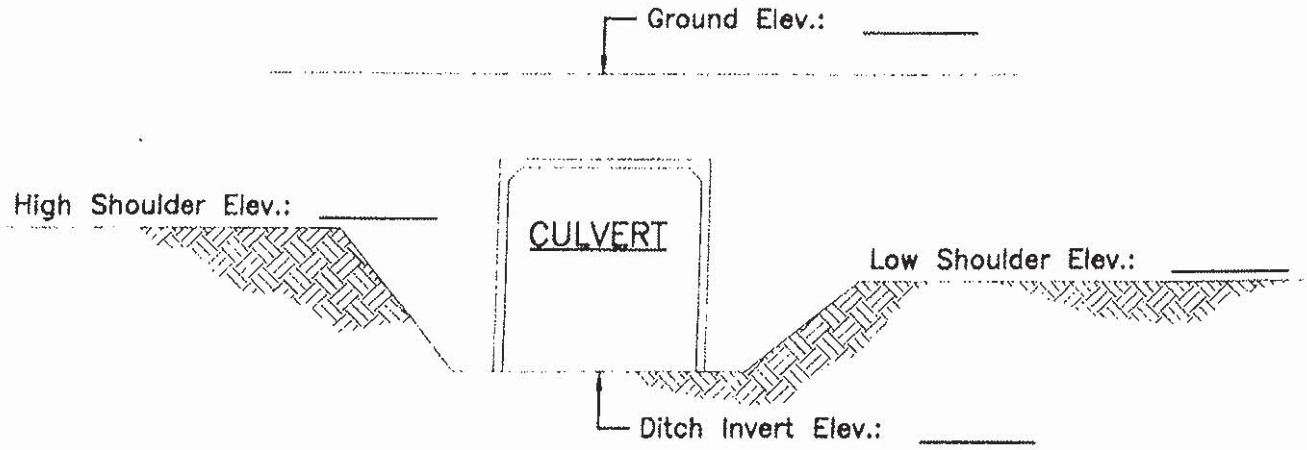
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

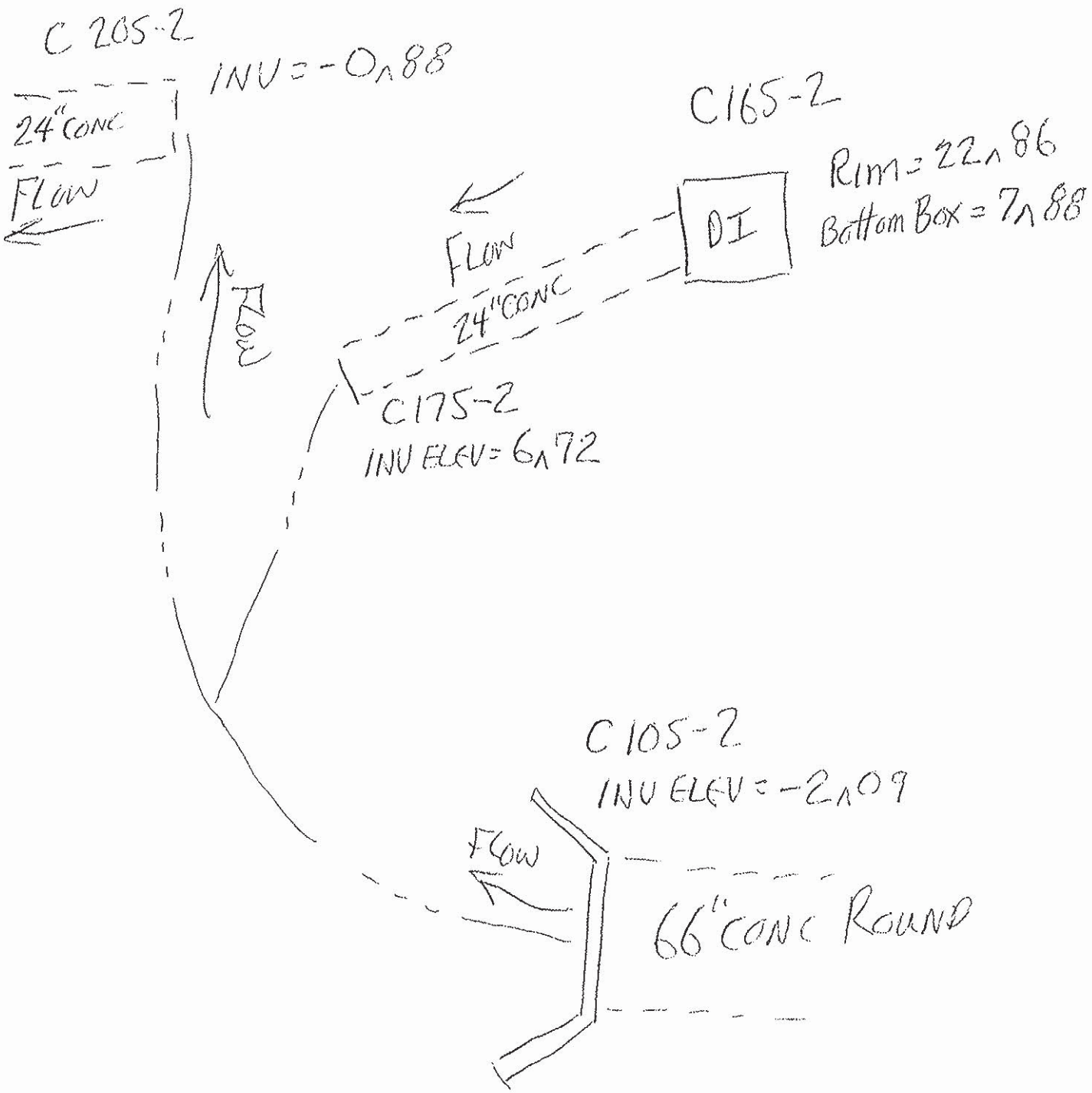
DITCH




Additional description of the point location: C165-2 to C175-2 to C205-2 C105-2 to C205-2

OVER

37


C 205-2
INV = -0.88
24" CONC
FLOW
C165-2
Rim = 22.86
Bottom Box = 7.88
DI
FLOW
24" CONC
FLOW
C175-2
INV ELEV = 6.72
C105-2
INV ELEV = -2.09
FLOW
66" CONC ROUND

(12)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C185-2 ; C195-2

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI ; INV FES

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

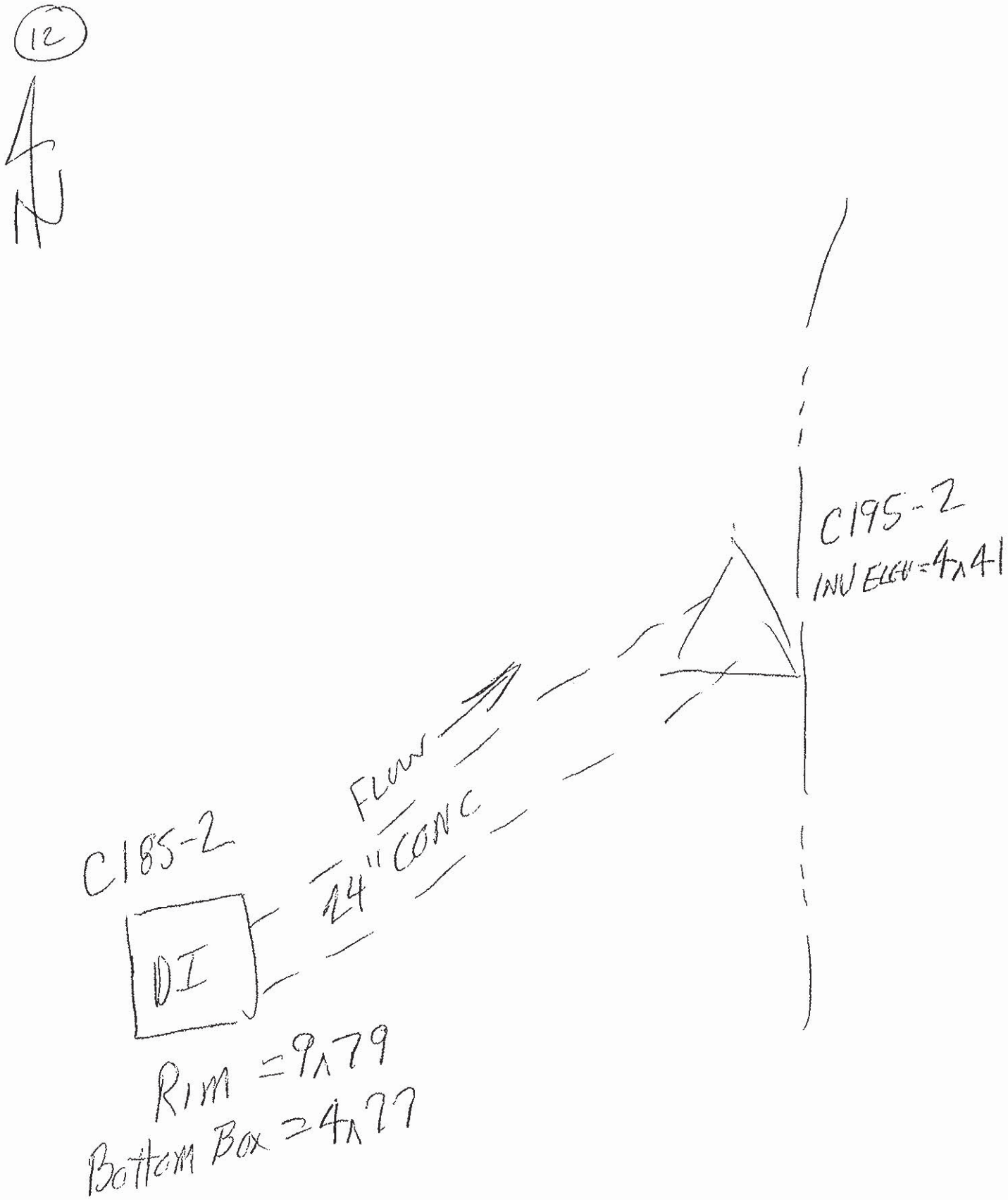
High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: C185-2 to C195-2


12
N
C195-2
INV ELEV = 4.41
FLOW
24" CONC
C185-2
DI
RIM = 9.79
Bottom Box = 4.77

30

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C2.09 MARKED ON CB

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

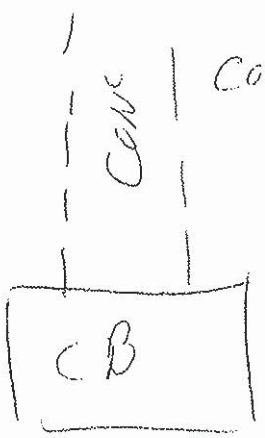
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

(38)




Could not get SIZE

RIM = 9n70
Bottom Box = 6n76

C209 Painted on CB
Nothing going out to
the South No Reading
to South with Pin Finder

C210-2

(10)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C525-2, C515-2

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV; DI

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

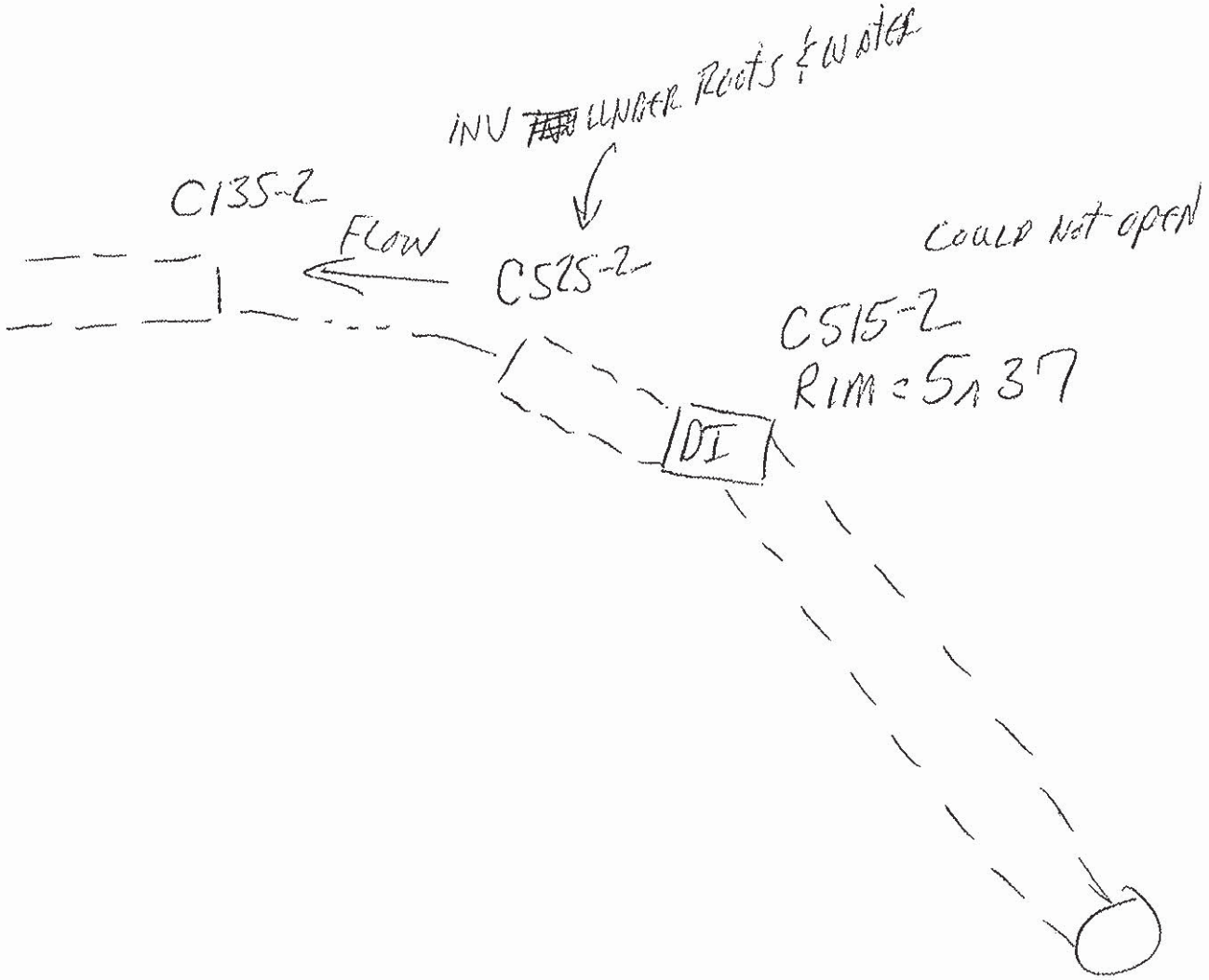
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: C135-2 to C525-2 to C515-2 to SMH

OVER

(10)


INV ~~FAN~~ UNDER Roots & water
C135-2
FLOW
C525-2
COULD NOT OPEN
C515-2
RIM = 5.37
DI

(43)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C155-3; C145-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; SMH

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

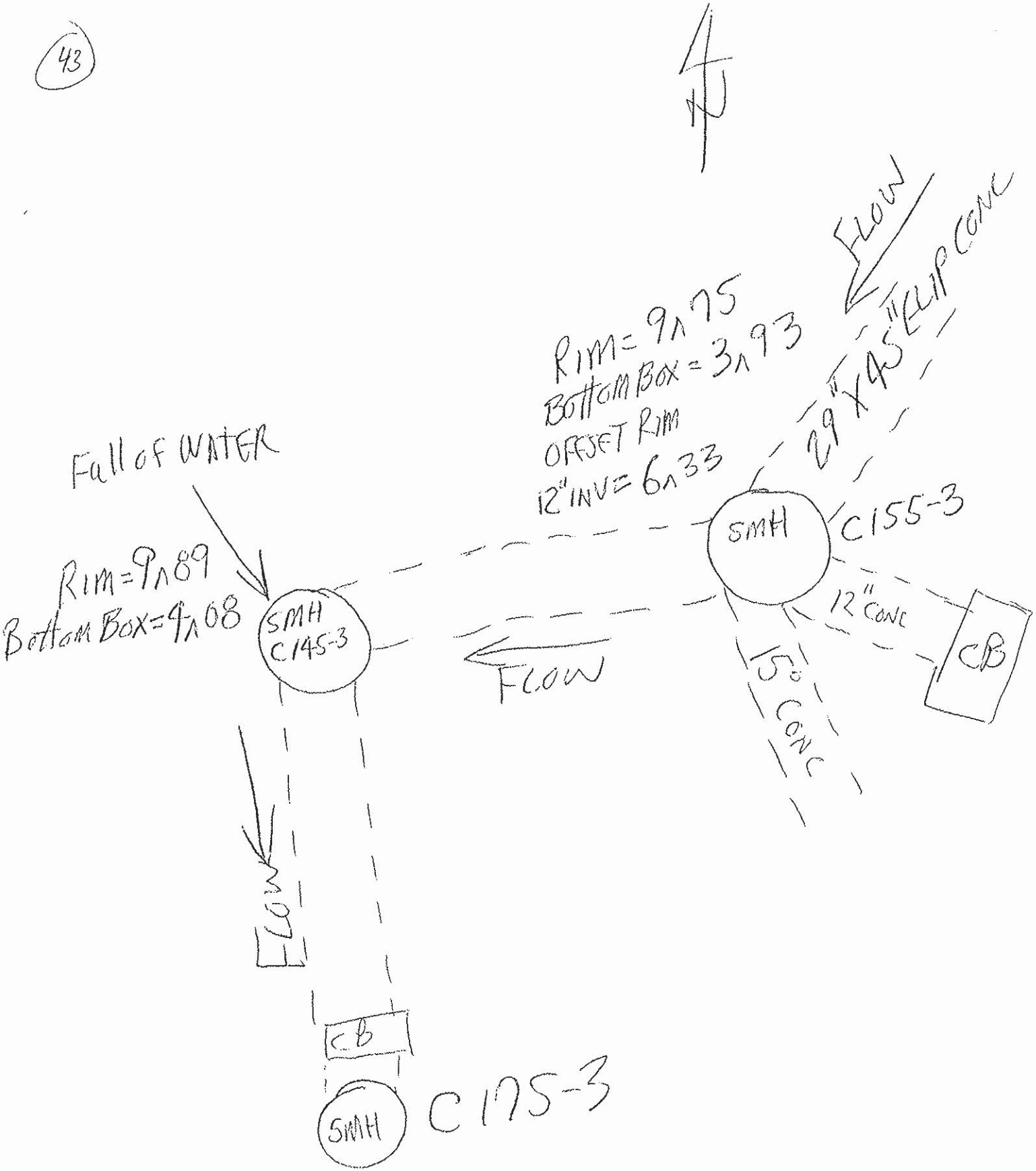
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C155-3 to C145-3 to C175-3

(OVER)

(43)


N
FLOW
RIM = 9.75
BOTTOM BOX = 3.93
OFFSET RIM
12" INV = 6.33
29" X 45" ELIP CONC
Fall of WATER
SMH
C155-3
RIM = 9.89
Bottom Box = 4.08
SMH
C145-3
12" CONC
CB
FLOW
5' CONC
FLOW
CB
SMH
C175-3

(44)

Project: SOUTH NORFOLK

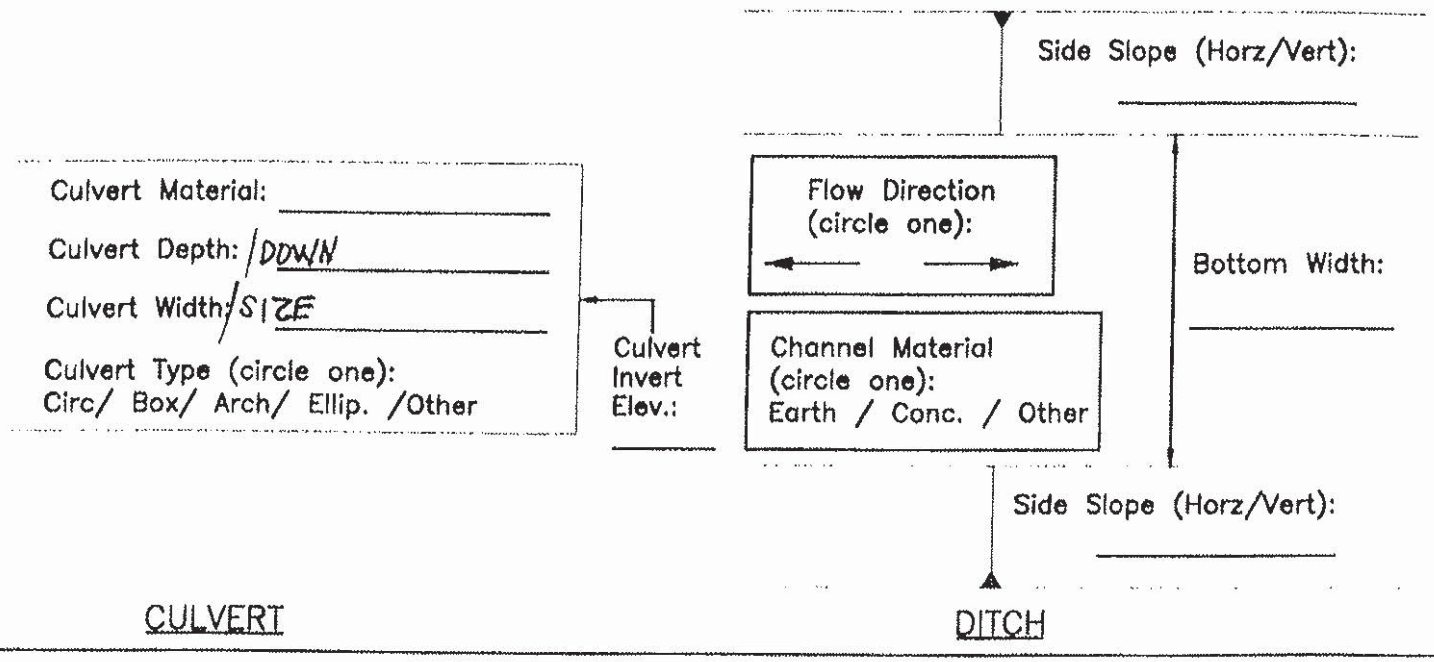
~~Node/Point #~~: GIS-ID # C175-3; C185-3

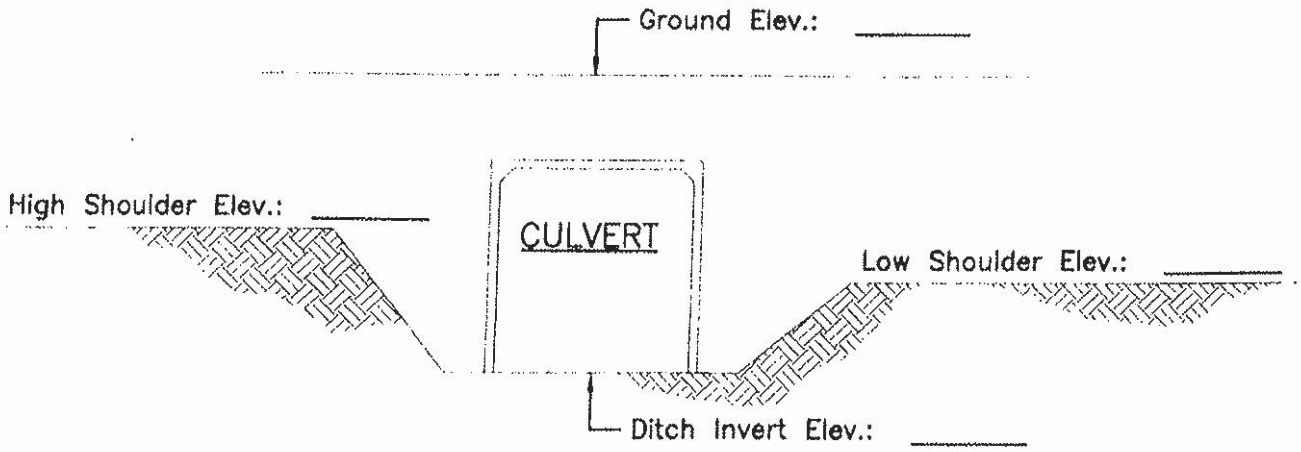
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; DI

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

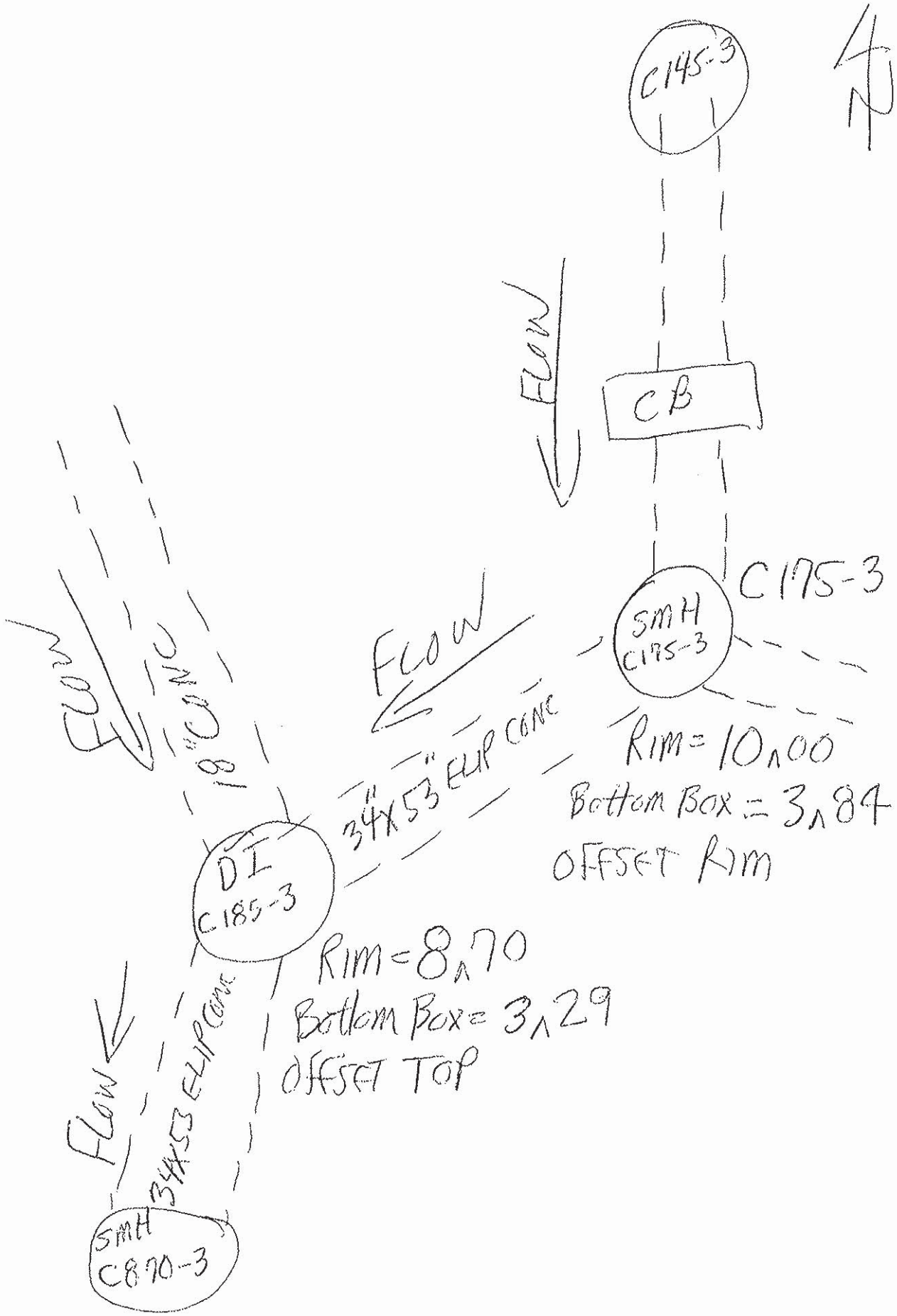



Additional description of the point location: CB to C175-3 to C185-3 to C870-3

OVER

(44)


C145-3
CB
FLOW
C175-3
SMH
C175-3
FLOW
FLOW
18" CONC
34"X53" ELIP CONC
RIM = 10.00
Bottom Box = 3.84
OFFSET RIM
DI
C185-3
RIM = 8.70
Bottom Box = 3.29
OFFSET TOP
FLOW
34"X53" ELIP CONC
SMH
C870-3

(3)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID #C275-3; C285-3; C295-3

~~Location/Nearest Intersection~~: STRUCTURE TYPE: INV

Date: 17 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

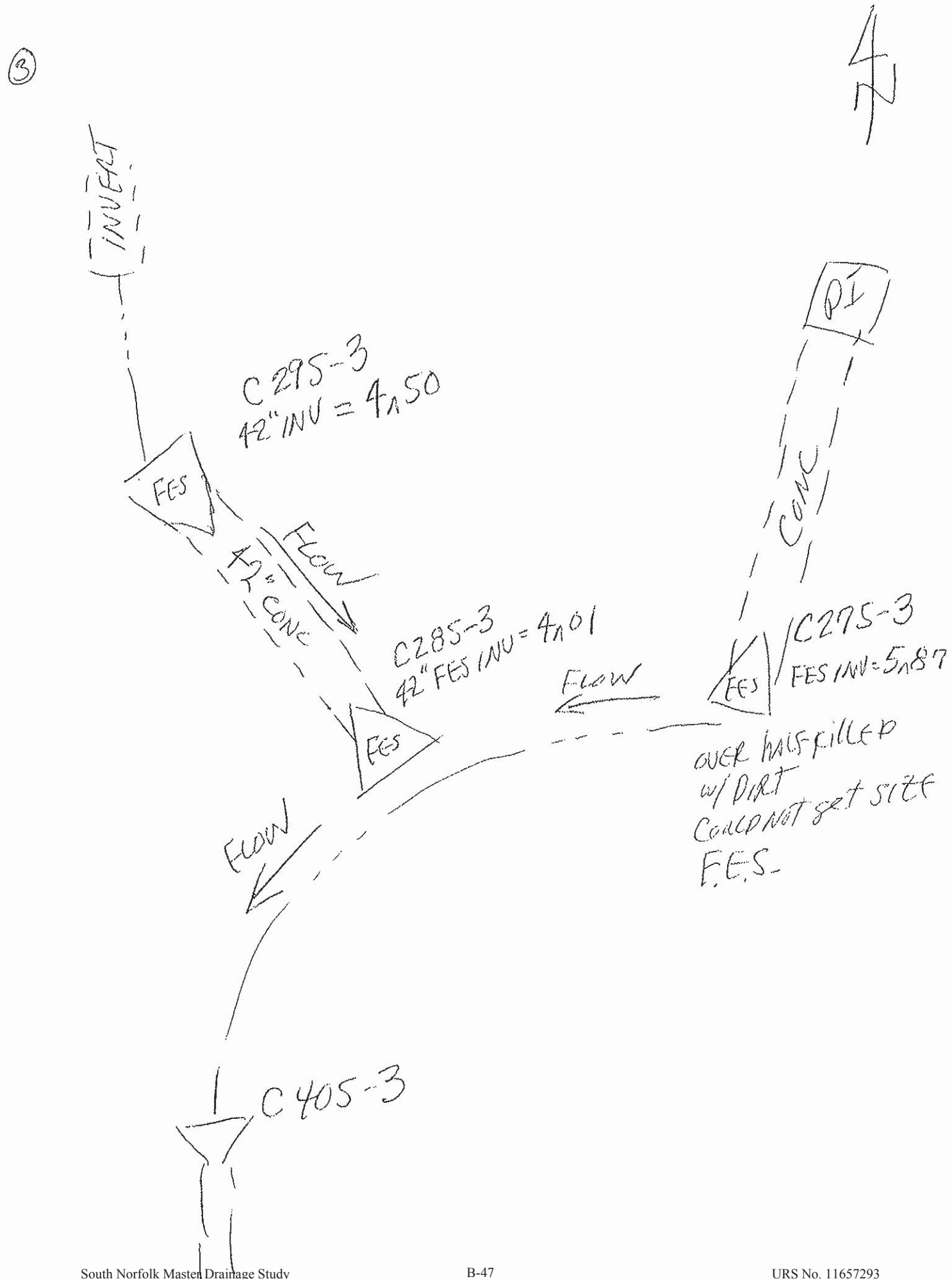
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C275-3 - C285-3; FROM C295-3 to C285-3 to C 405-3

(OVER)


3
N
INVERT
C 295-3
42" INV = 4.50
FES
42" CONC
FLOW
C285-3
42" FES INV = 4.01
FES
FLOW
FLOW
PI
CONC
C275-3
FES INV = 5.87
FES
OVER HALF FILLED
w/ DIRT
COULD NOT GET SIZE
F.E.S.
C 405-3

(4)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C345-3; C355-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB - INV

Date: 17 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

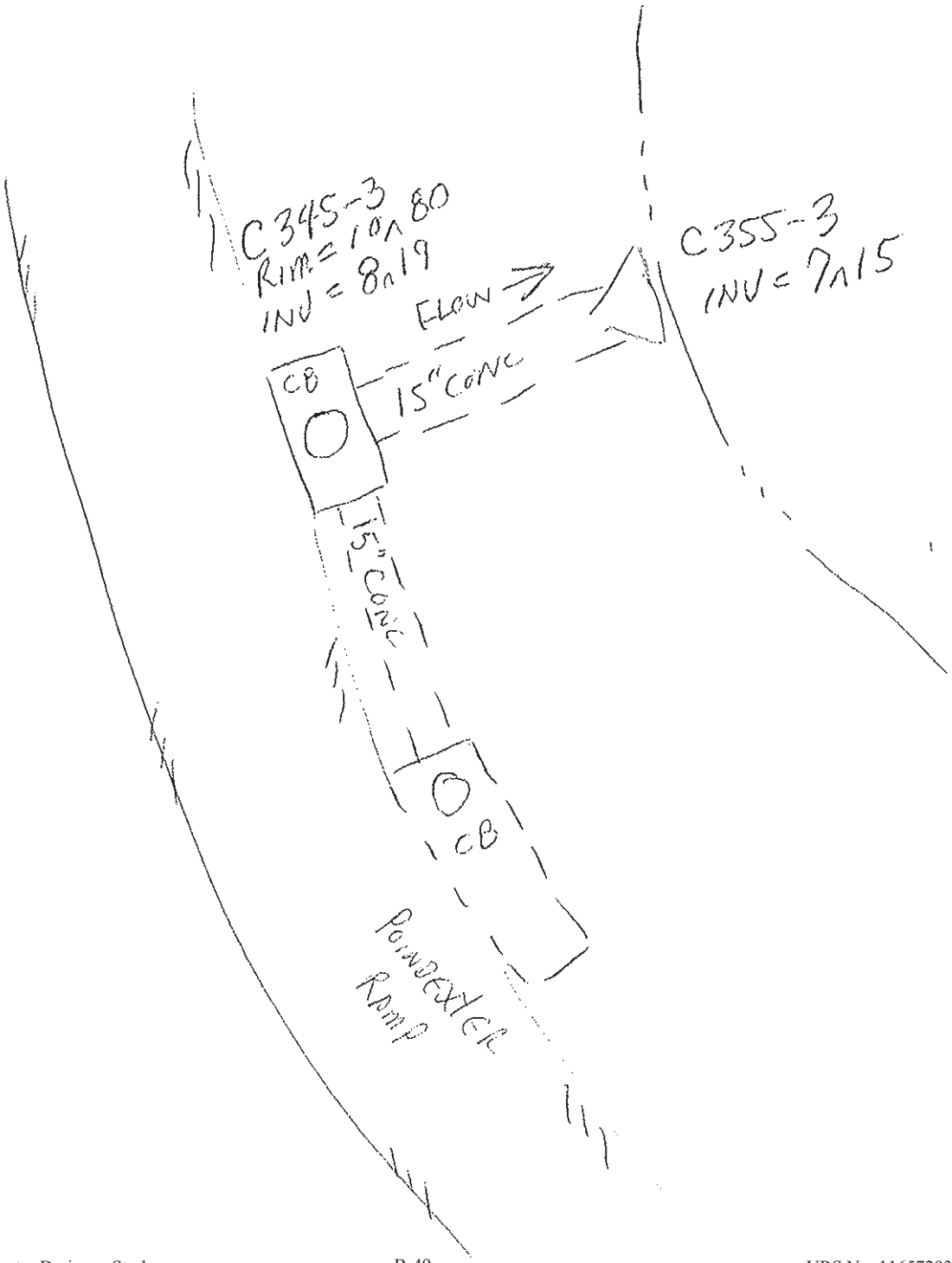
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: From C345-3 to C355-3

(OVER)

(4)


C 345-3
RIM = 10.80
INV = 8.19
FLOW
C 355-3
INV = 7.15
CB
15" CONC
15" CONC
CB
POINDEXTER
RAMP

(3a)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 420-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 12 FEB 09

Surveyed By: CAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

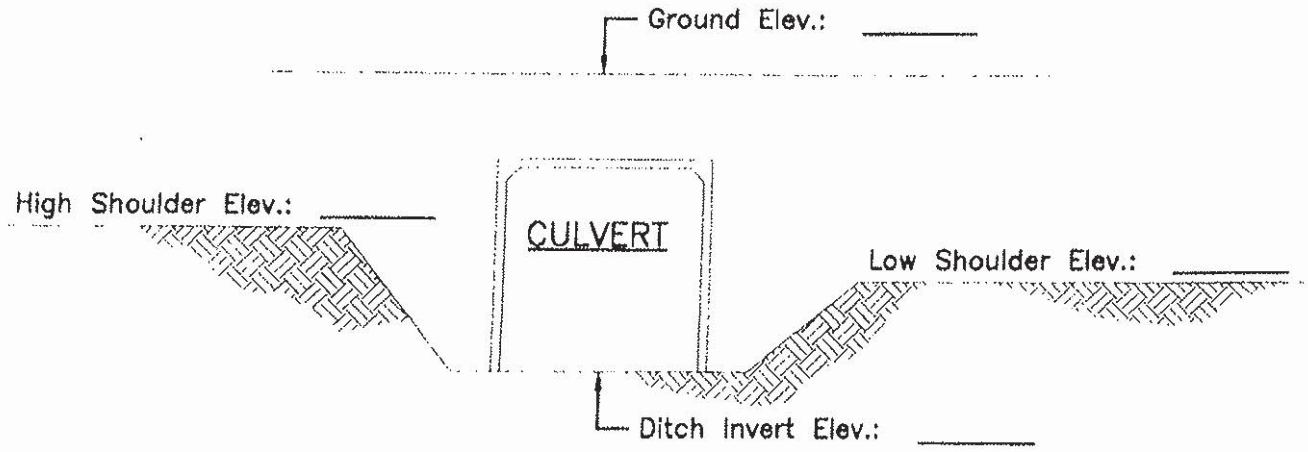
Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

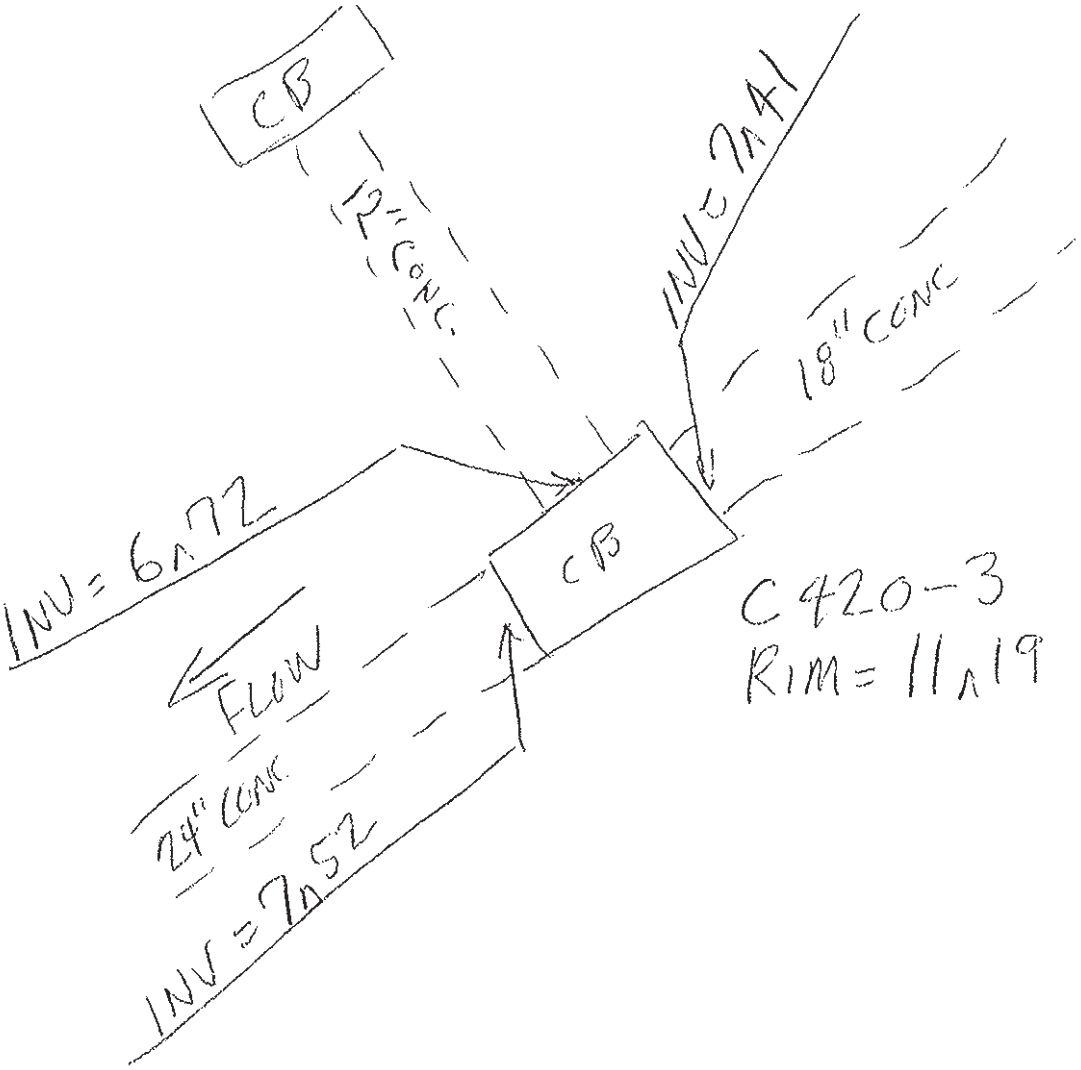
DITCH




Additional description of the point location:

(OVER)

~~40~~ 39


CB
12" CONC.
INV = 7.41
18" CONC
INV = 6.72
CB
C420-3
RIM = 11.19
FLOW
24" CONC
INV = 7.52

(2)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C405-3 - C435-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV

Date: 17 FEB 09

Surveyed By: EAS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

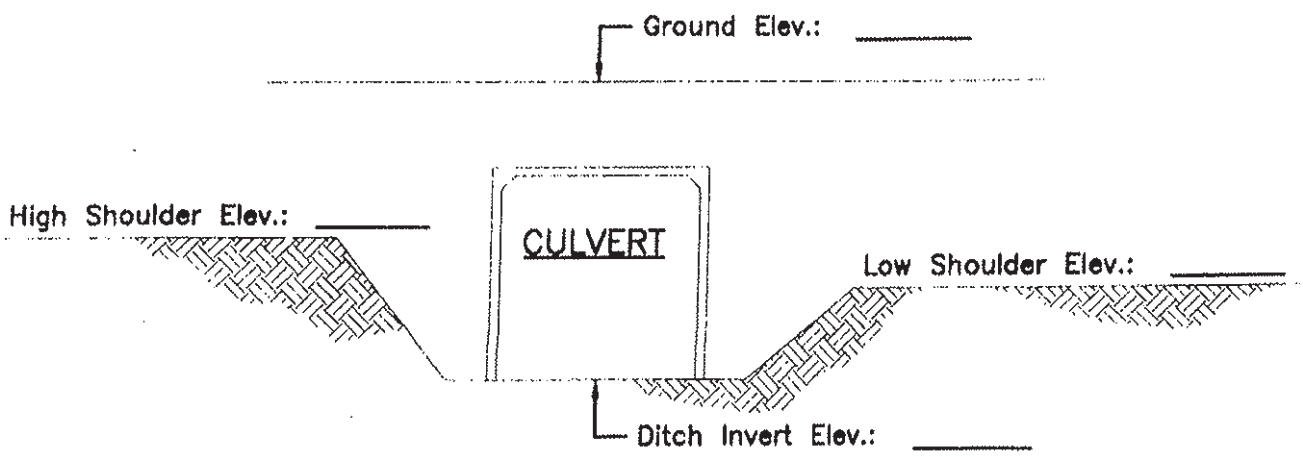
Bottom Width: _____

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

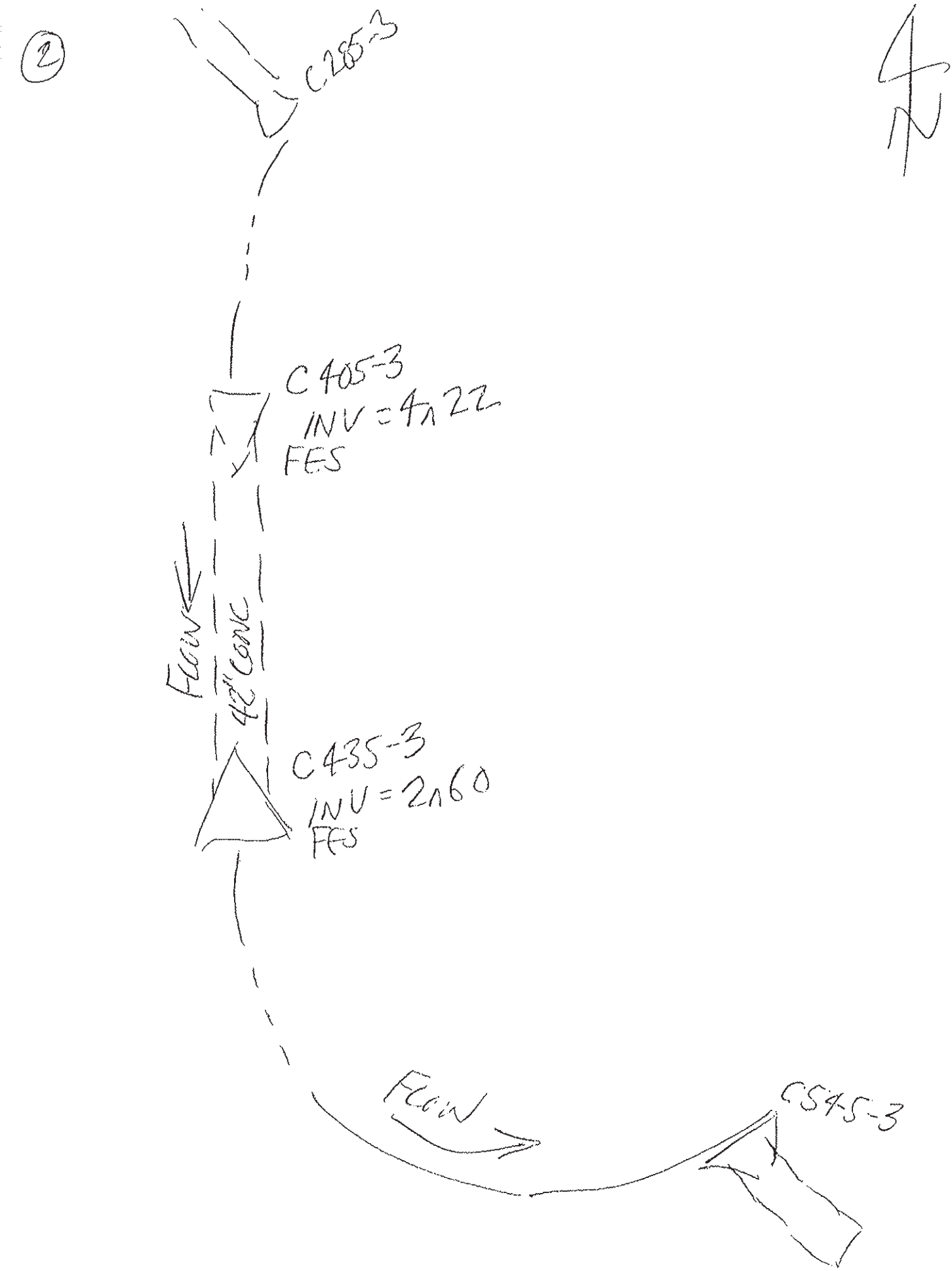
CULVERT

DITCH




Additional description of the point location: FROM C285-3 to C405-3 to C435-3 to C545-3.

(OVER)


2
C285-3
N
C405-3
INV = 4.22
FES
FLOW
42" CONC
C435-3
INV = 2.60
FES
FLOW
CS45-3

(1)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C465-3; C475-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI; INV

Date: 17 FEB 09

Surveyed By: EAE

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

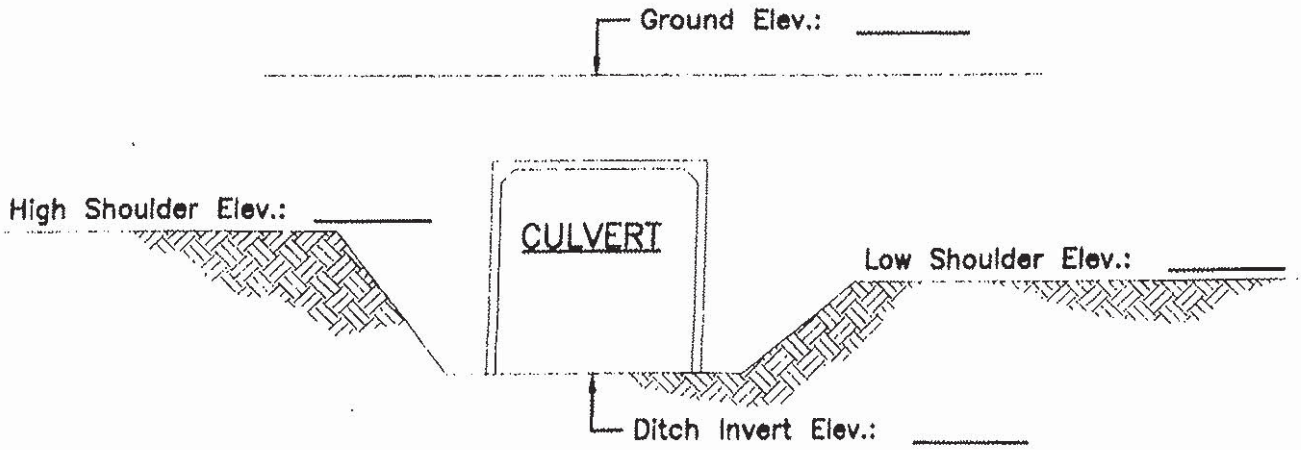
Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

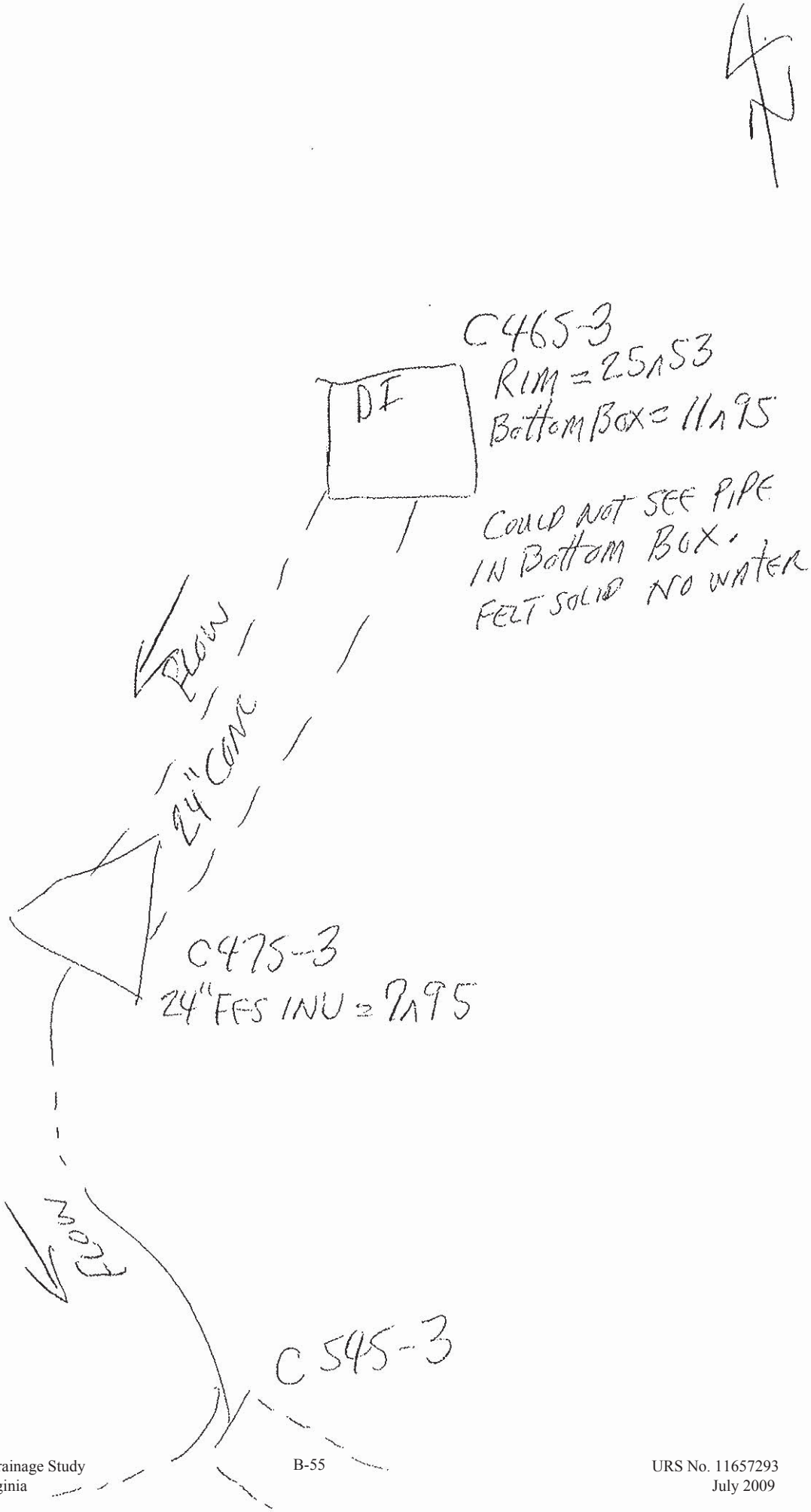
DITCH




Additional description of the point location: From C465-3 to C475-3 to C545-3

(OVER)

(1)


C465-3
RIM = 25.53
Bottom Box = 11.95
DI
COULD NOT SEE PIPE
IN Bottom BOX.
FELT SOLID NO WATER
FLOW
24" CONC
C475-3
24" FES INV = 7.95
FLOW
C 545-3

(47)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C505-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width: /SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

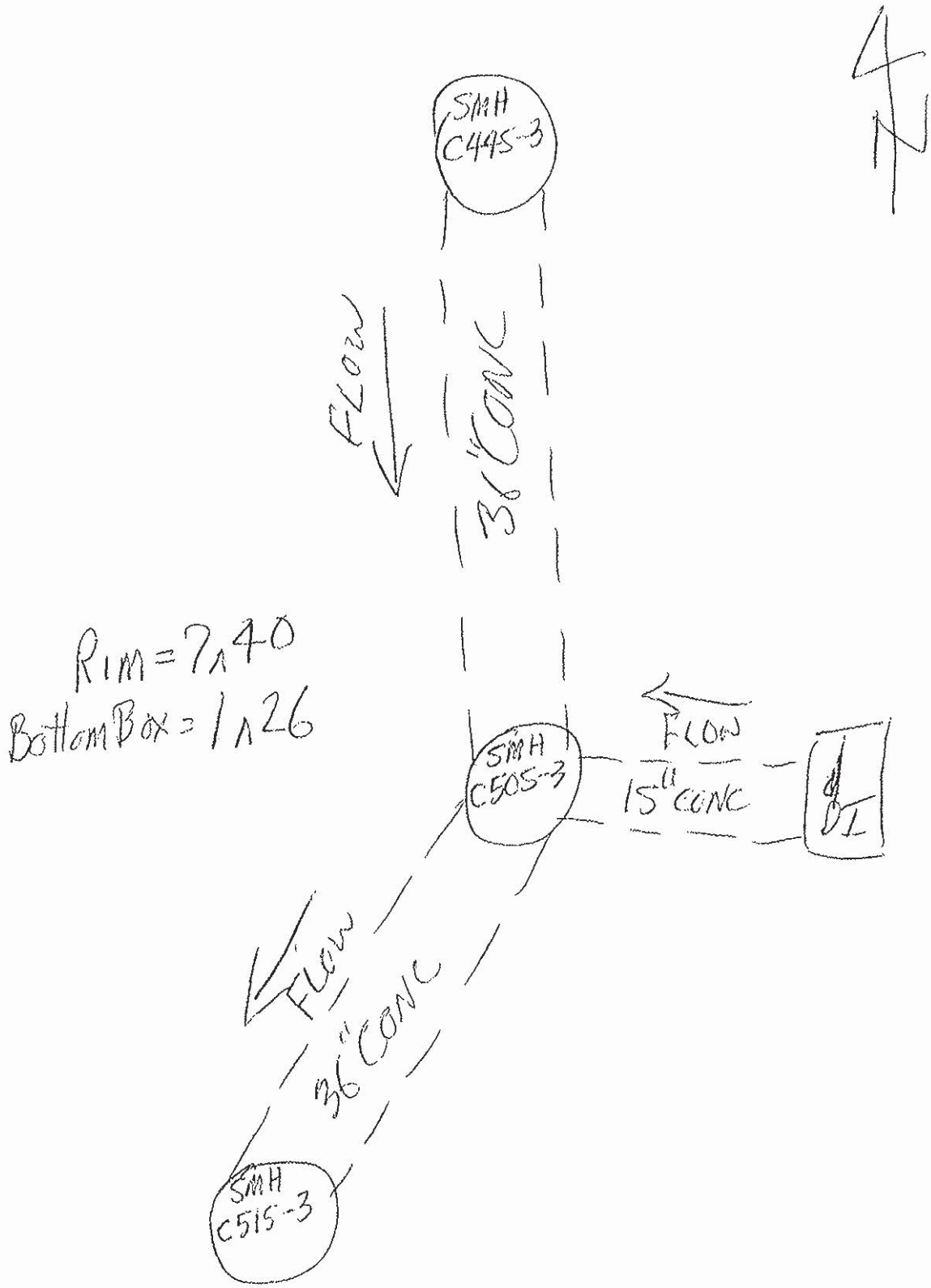
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: C445-3 to C505-3 to C515-3;

(OVER)

(47)


SMH
C445-3
FLOW
36" CONC
RIM = 7.40
BottomBox = 1.26
SMH
C505-3
FLOW
15" CONC
FLOW
36" CONC
SMH
C515-3

48

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C515-3; C525-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; DI

Date: 12/6/09

Surveyed By: CNF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

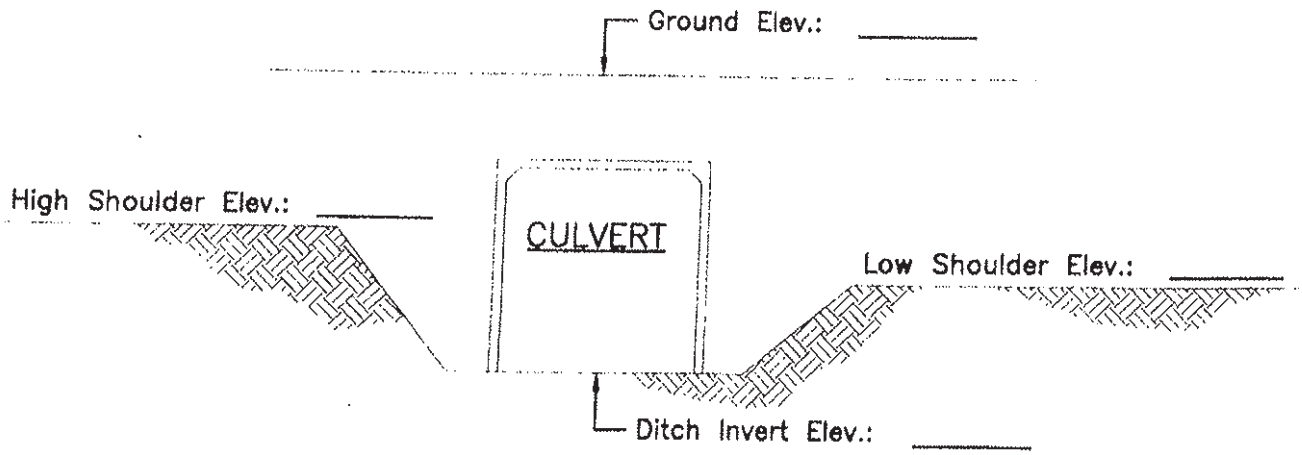
Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

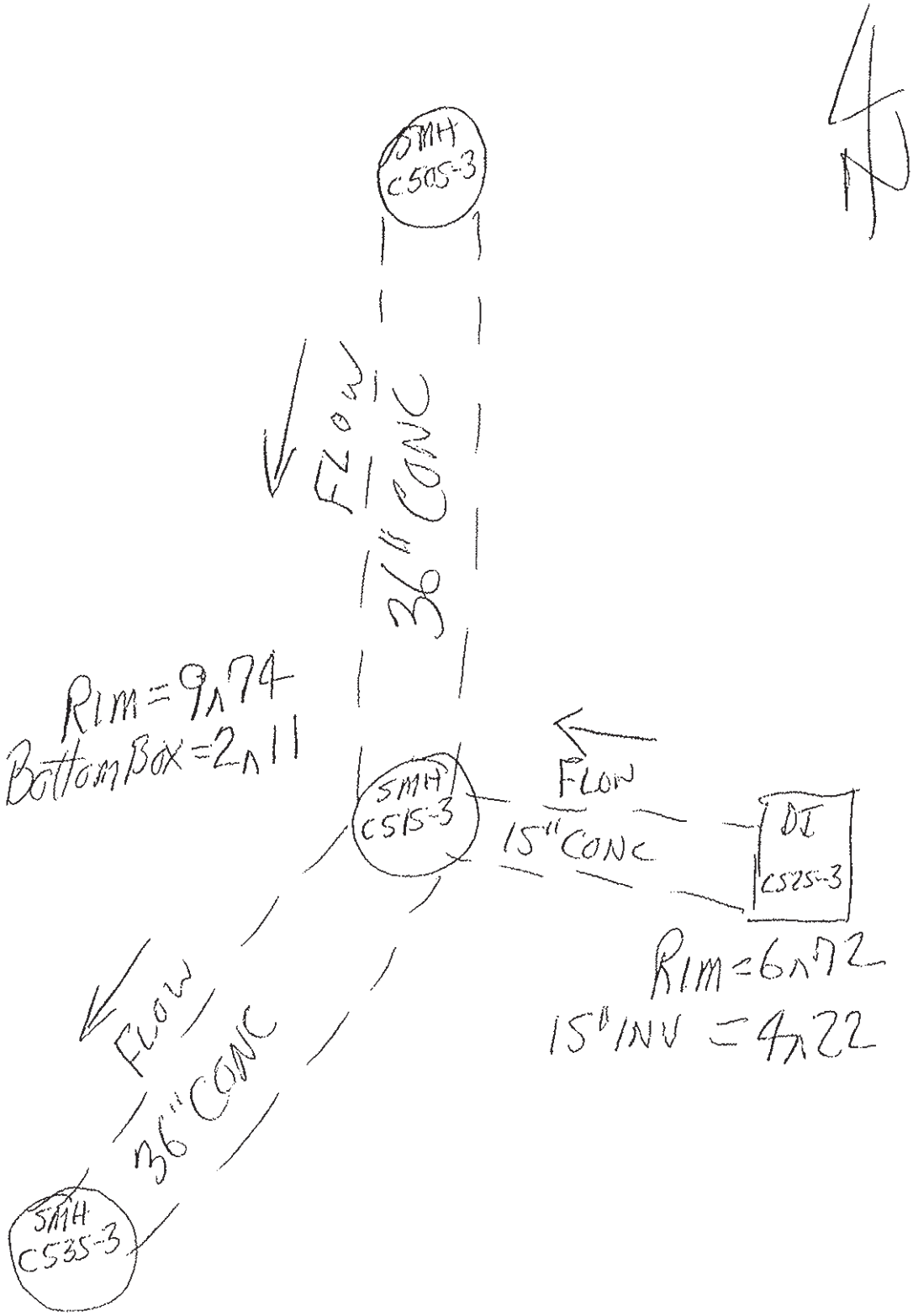
DITCH




Additional description of the point location: FROM C505-3 to C515-3 to C535-3; FROM C525-3 to C~~535~~ 515-3

(OVER)

48


SMH
C505-3
FLOW
36" CONC
RIM = 9.74
BottomBox = 2.11
SMH
C515-3
FLOW
15" CONC
DI
C525-3
RIM = 6.72
15" INV = 4.22
FLOW
36" CONC
SMH
C535-3

(50)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C555-3, C575-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE:

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

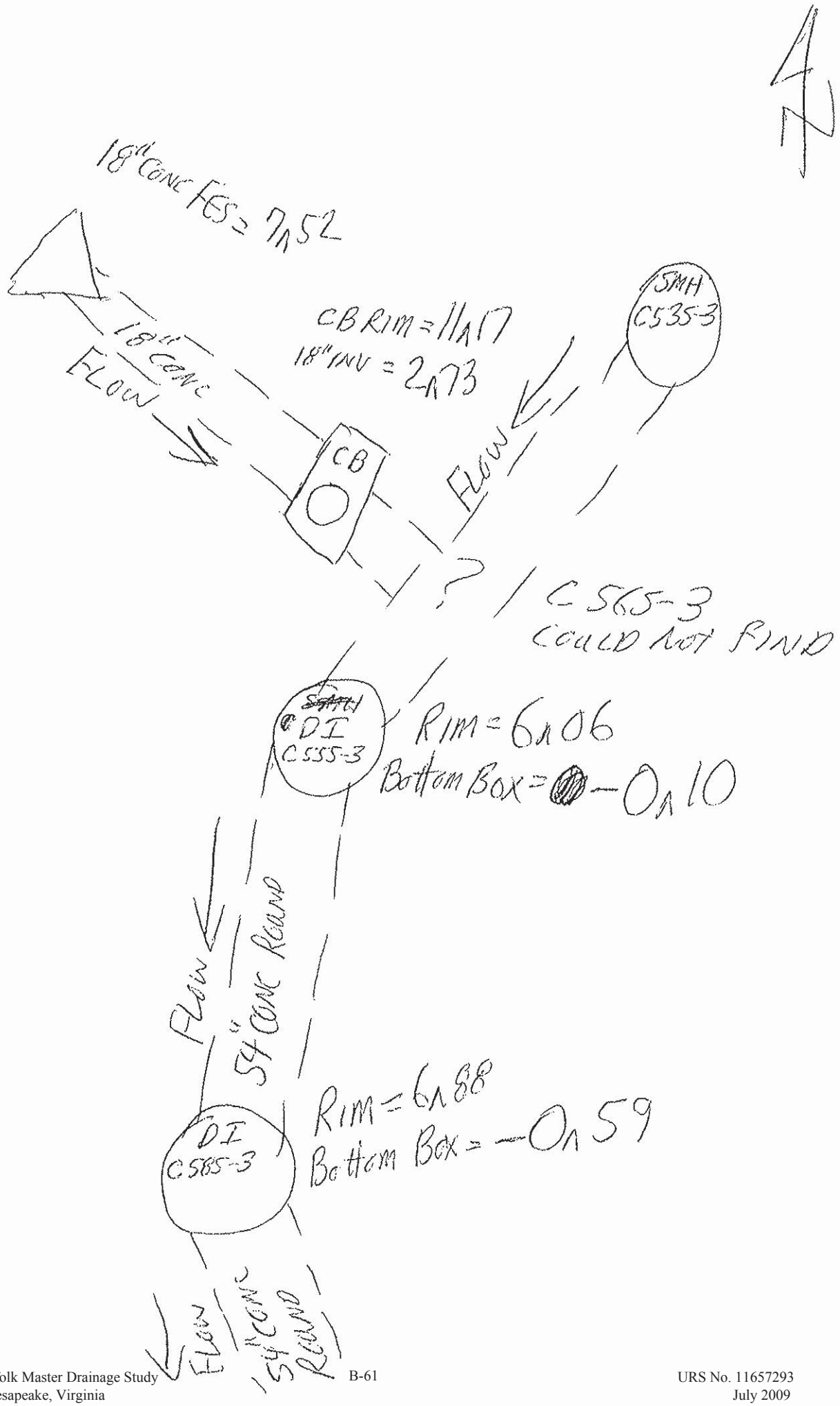
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C535-3 to C555-3 to C585-3 to INV; C575-3 to CB to O/F PIPE

(OVER)


50
18" CONC FES = 7.52
18" CONC FLOW
CB RIM = 11.17
18" INV = 2.73
CB
FLOW
SMH C535-3
?
C565-3 COULD NOT FIND
~~SMH~~ DI C555-3
RIM = 6.06
Bottom Box = -0.10
FLOW
54" CONC ROUND
DI C585-3
RIM = 6.88
Bottom Box = -0.59
FLOW
54" CONC ROUND

(44)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C535-3; C545-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; INV

Date: 12-8-09

Surveyed By: [illegible]

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

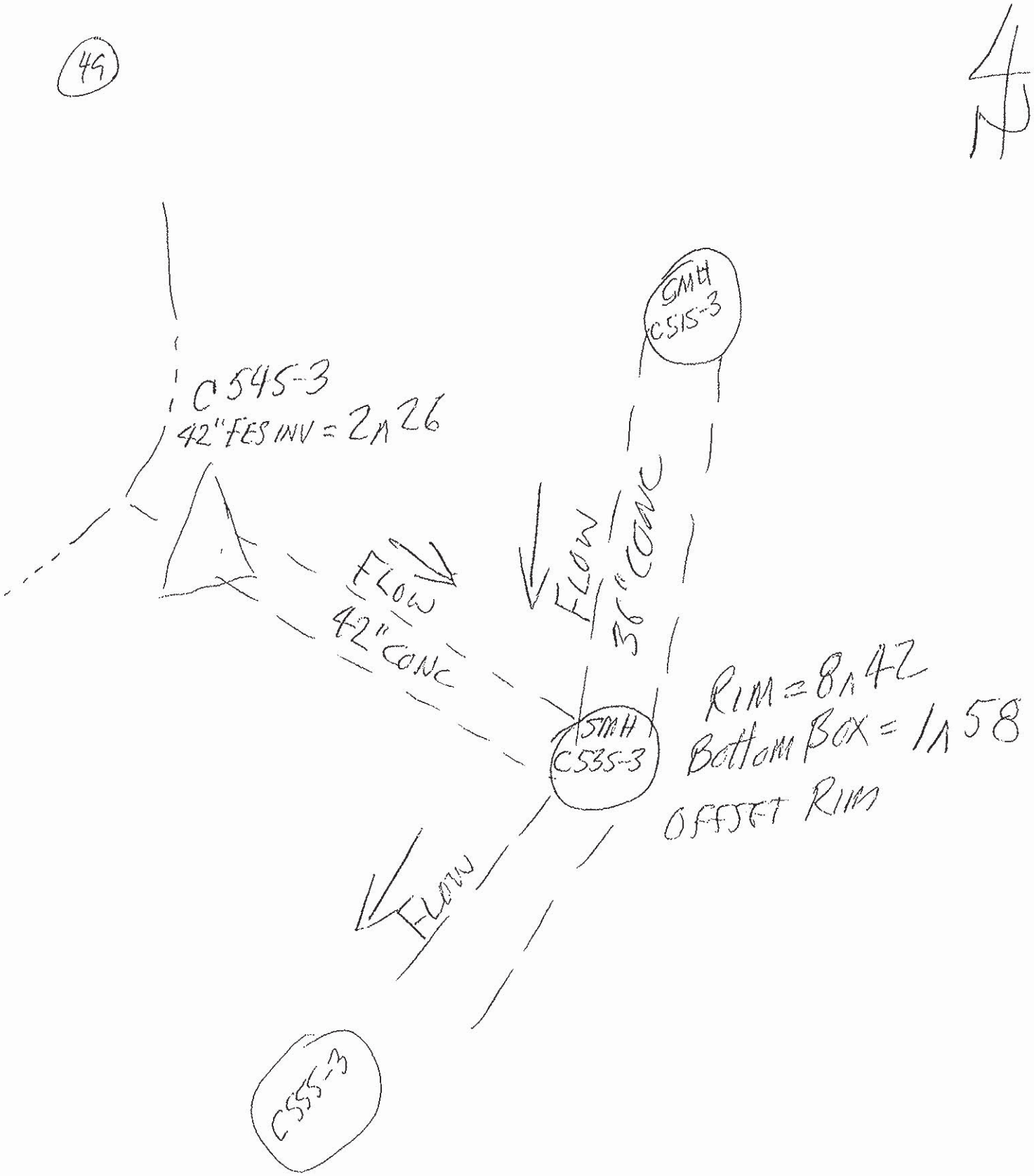
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C515-3 to C535-3 towards C555-3; FROM C545-3 to C535-3

(over)


49
4
N
C545-3
42" FES INV = 2.26
FLOW
42" CONC
FLOW
36" CONC
SMH
C515-3
SMH
C535-3
RIM = 8.42
Bottom BOX = 1.58
OFFSET RIM
FLOW
C555-3

(51)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C625-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: DOWN

Culvert Width: SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

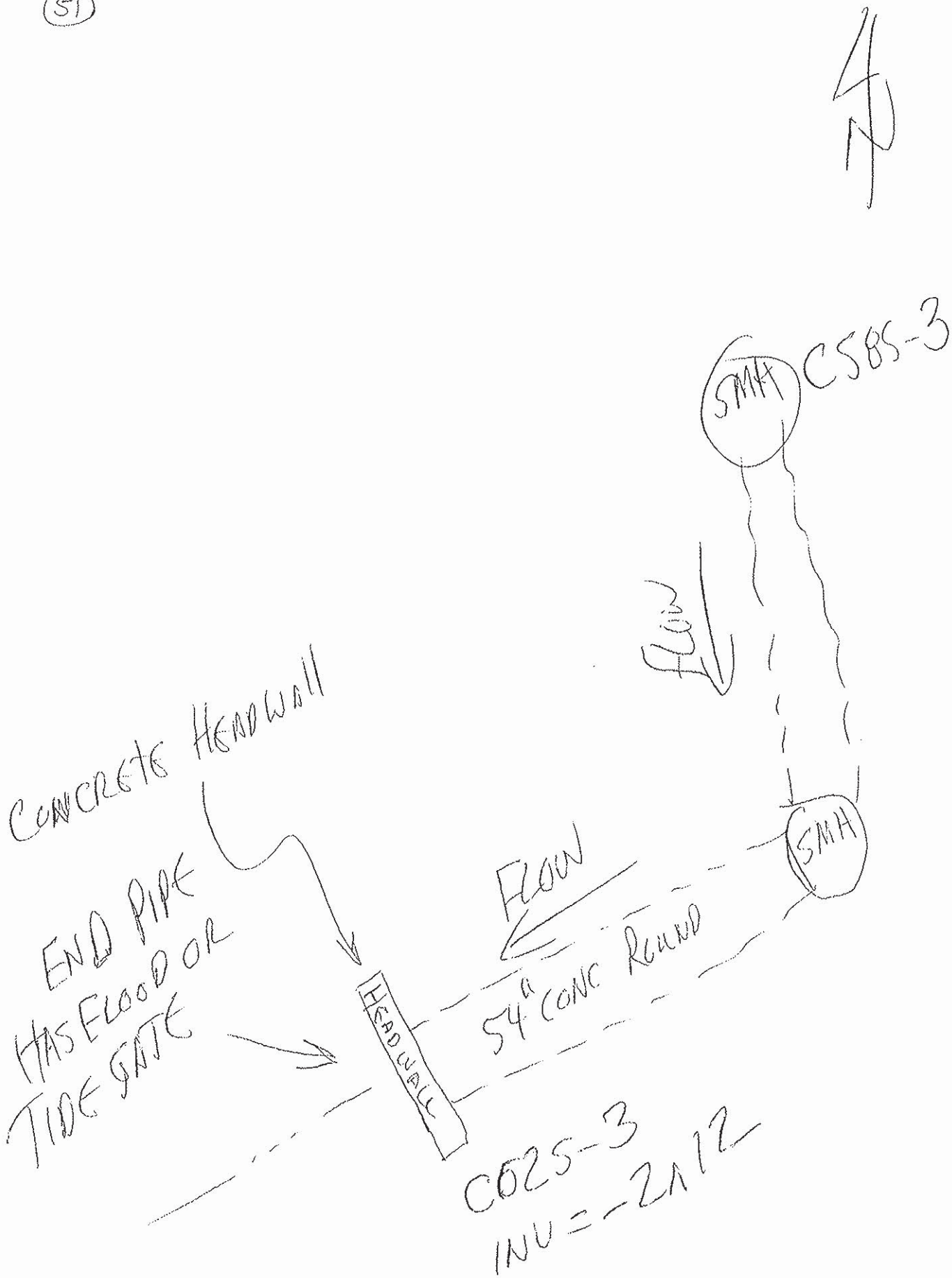
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: SMH to C625-3

(OVER)

(51)


CONCRETE HEADWALL
END PIPE
HAS FLOOD OR
TIDE GATE
HEADWALL
FLOW
54" CONC ROUND
FLOW
SMH
CS85-3
SMH
CO25-3
INV = -2.12

46

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C445-3; C635-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; DI

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

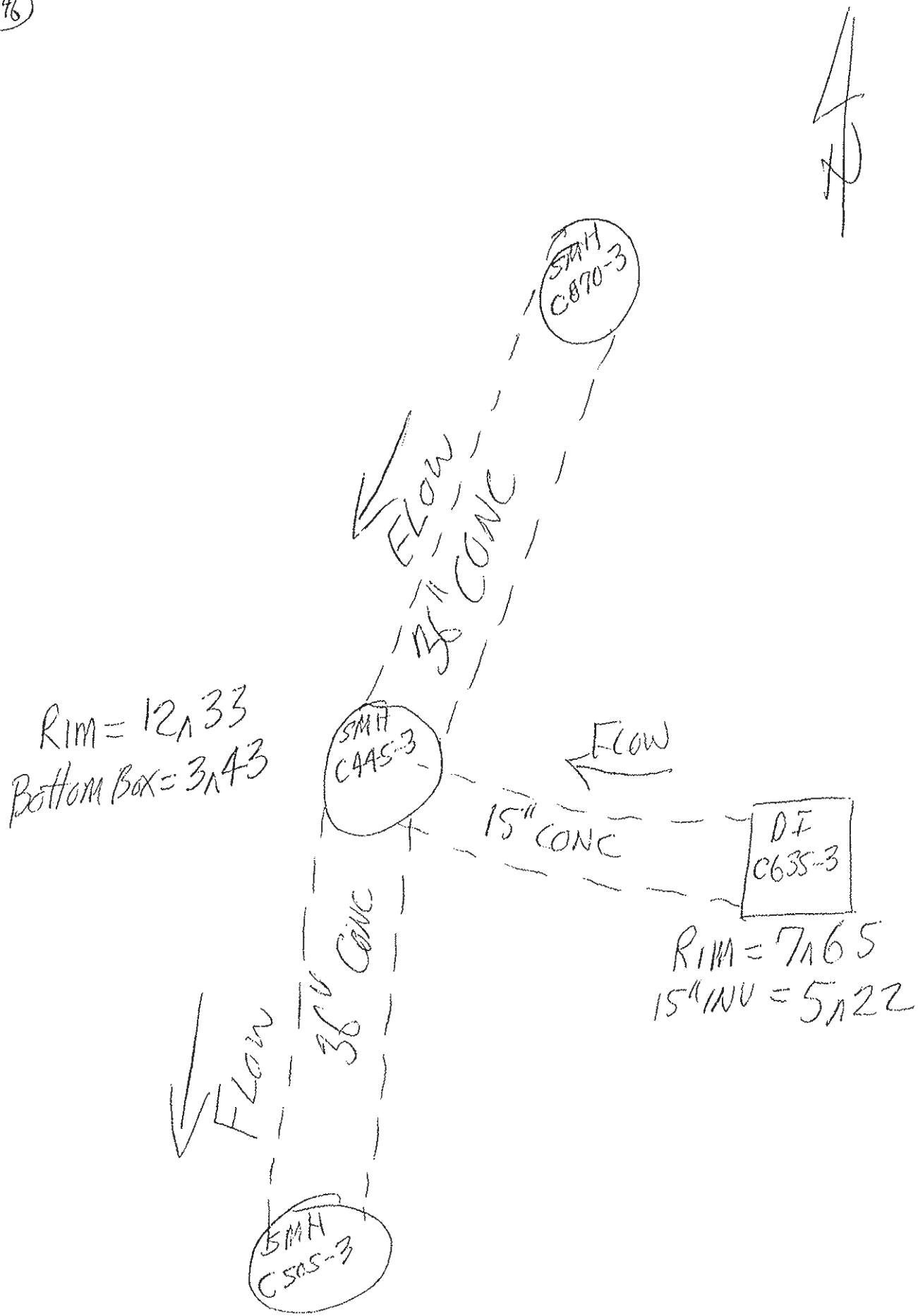
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: C880 to C445-3 to C505-3; FROM C635-3 to C445-3

(OVER)

(46)


SMH
C870-3
Flow
36" CONC
Rim = 12.33
Bottom Box = 3.43
SMH
C445-3
Flow
15" CONC
DI
C635-3
Rim = 7.65
15" INV = 5.22
Flow
36" CONC
SMH
C505-3

(42)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C695-3; C685-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; SMH

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

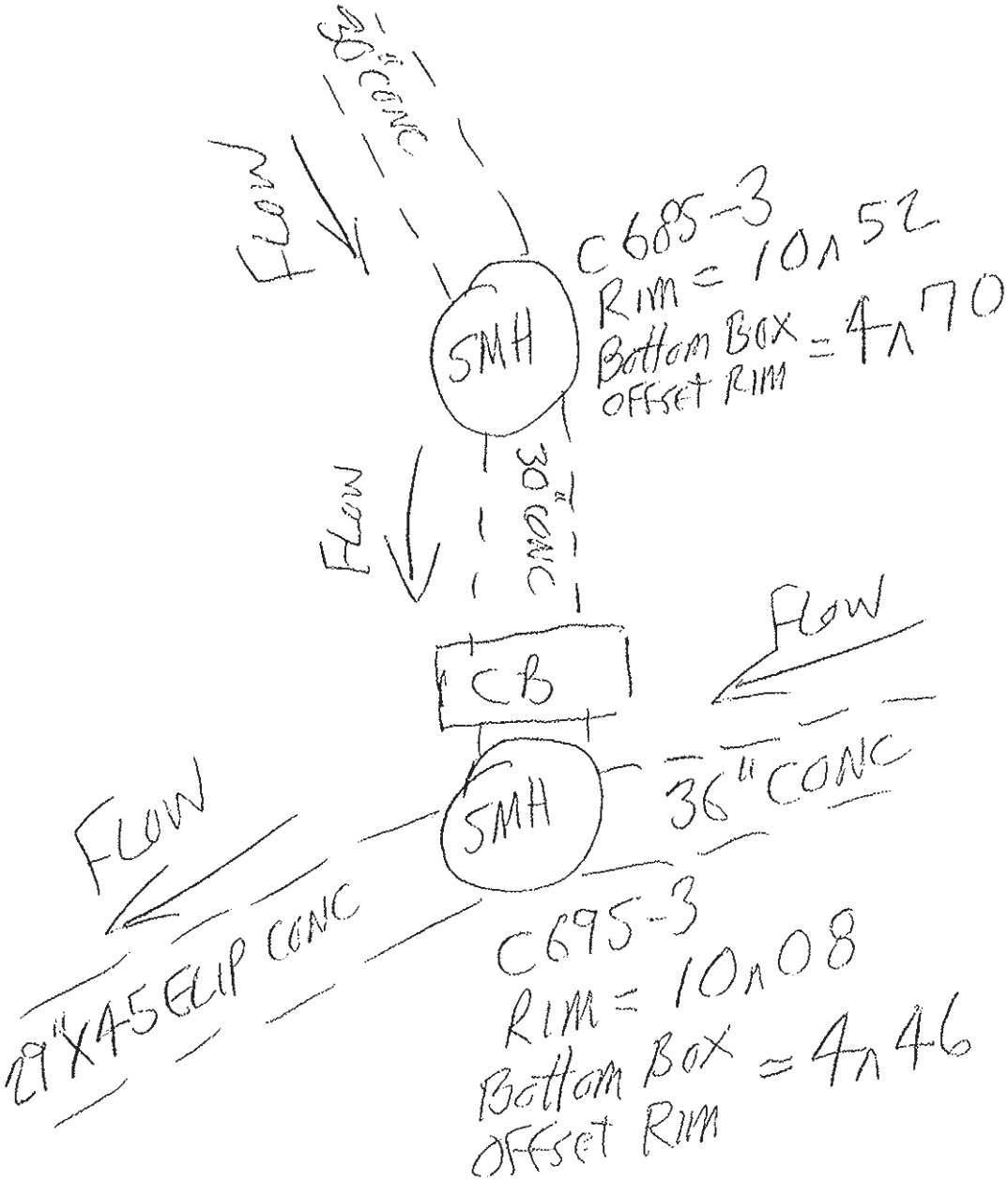
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C1045-3 to C695-3 to C685-3;

OVER

(42)


30" CONC
FLOW
C685-3
RIM = 10.52
Bottom Box = 4.70
OFFSET RIM
SMH
30" CONC
FLOW
CB
FLOW
SMH
36" CONC
FLOW
29"X45 ELIP CONC
C695-3
RIM = 10.08
Bottom Box = 4.46
OFFSET RIM

(40)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C715-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 12 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

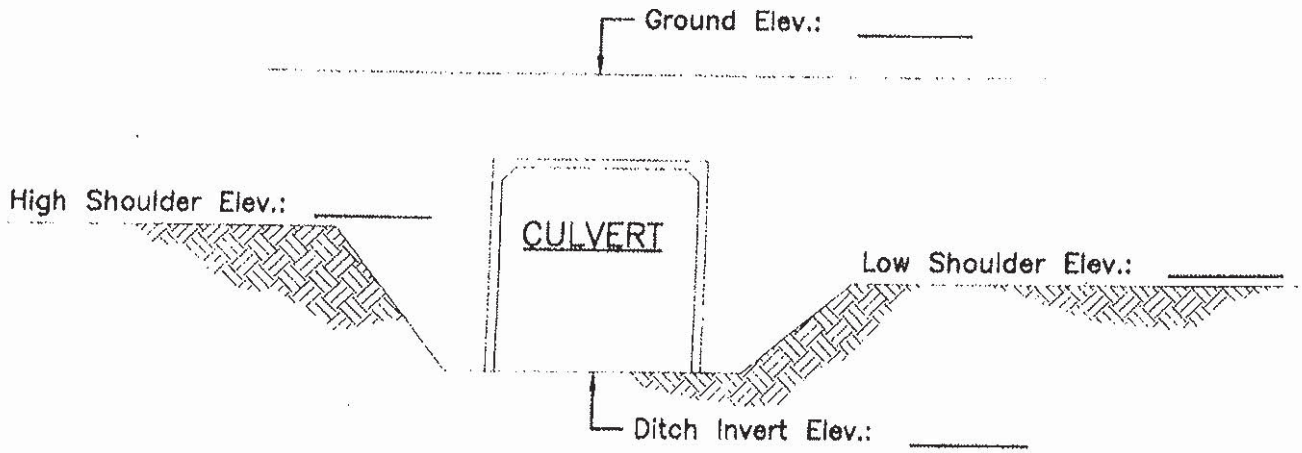
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

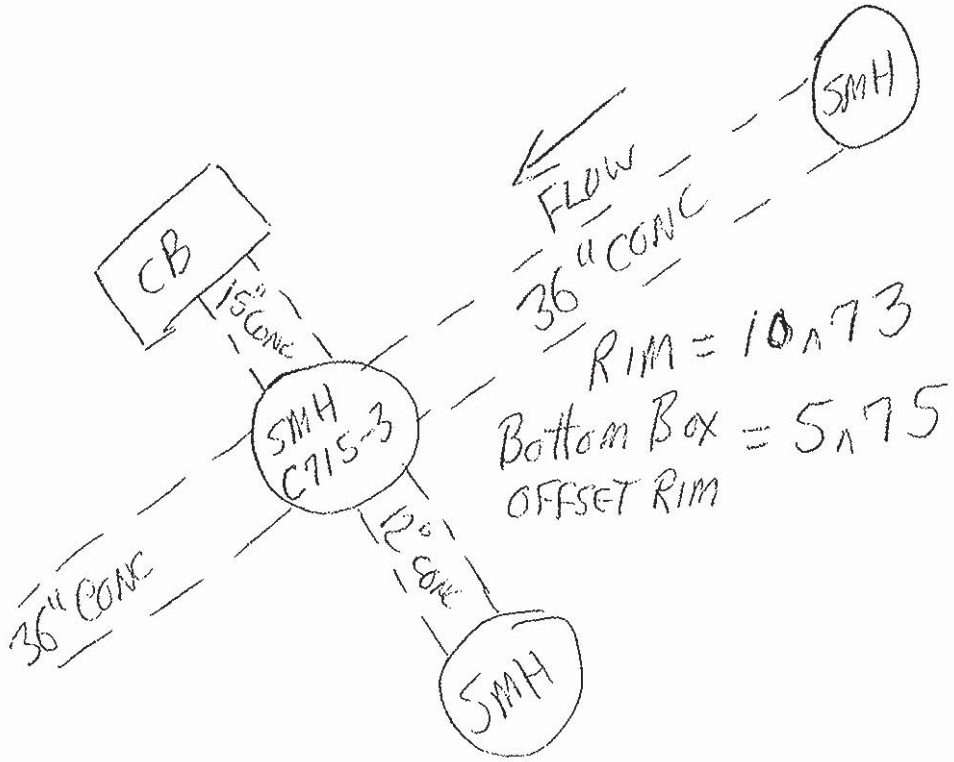
DITCH




Additional description of the point location:

OVER

(40)


CB
15" CONC
SMH
C715-3
12" CONC
SMH
FLOW
36" CONC
SMH
36" CONC
RIM = 10.73
Bottom Box = 5.75
OFFSET RIM

(45)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C870-3; C830-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; SMH

Date: 12FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

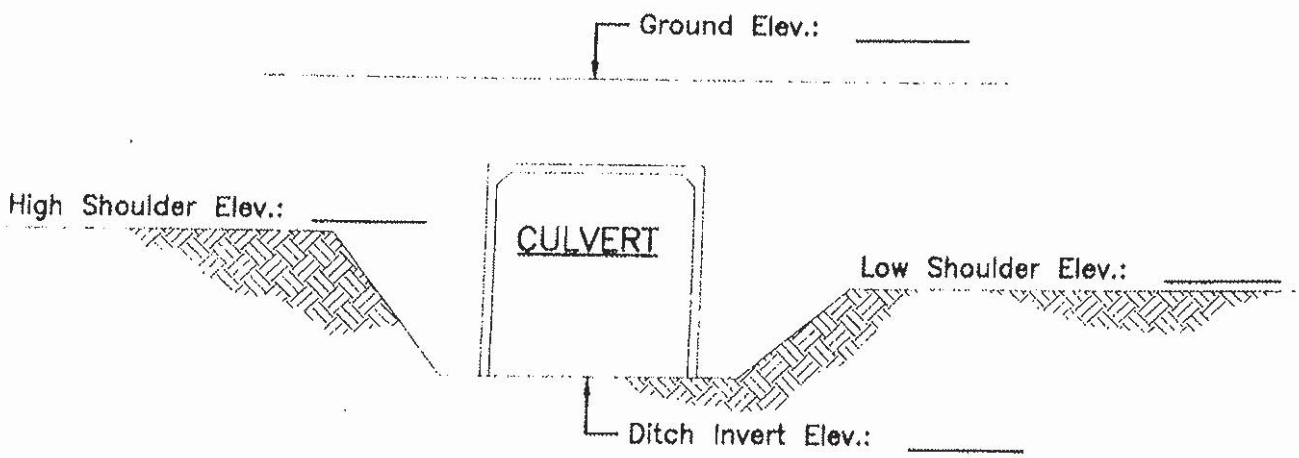
Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

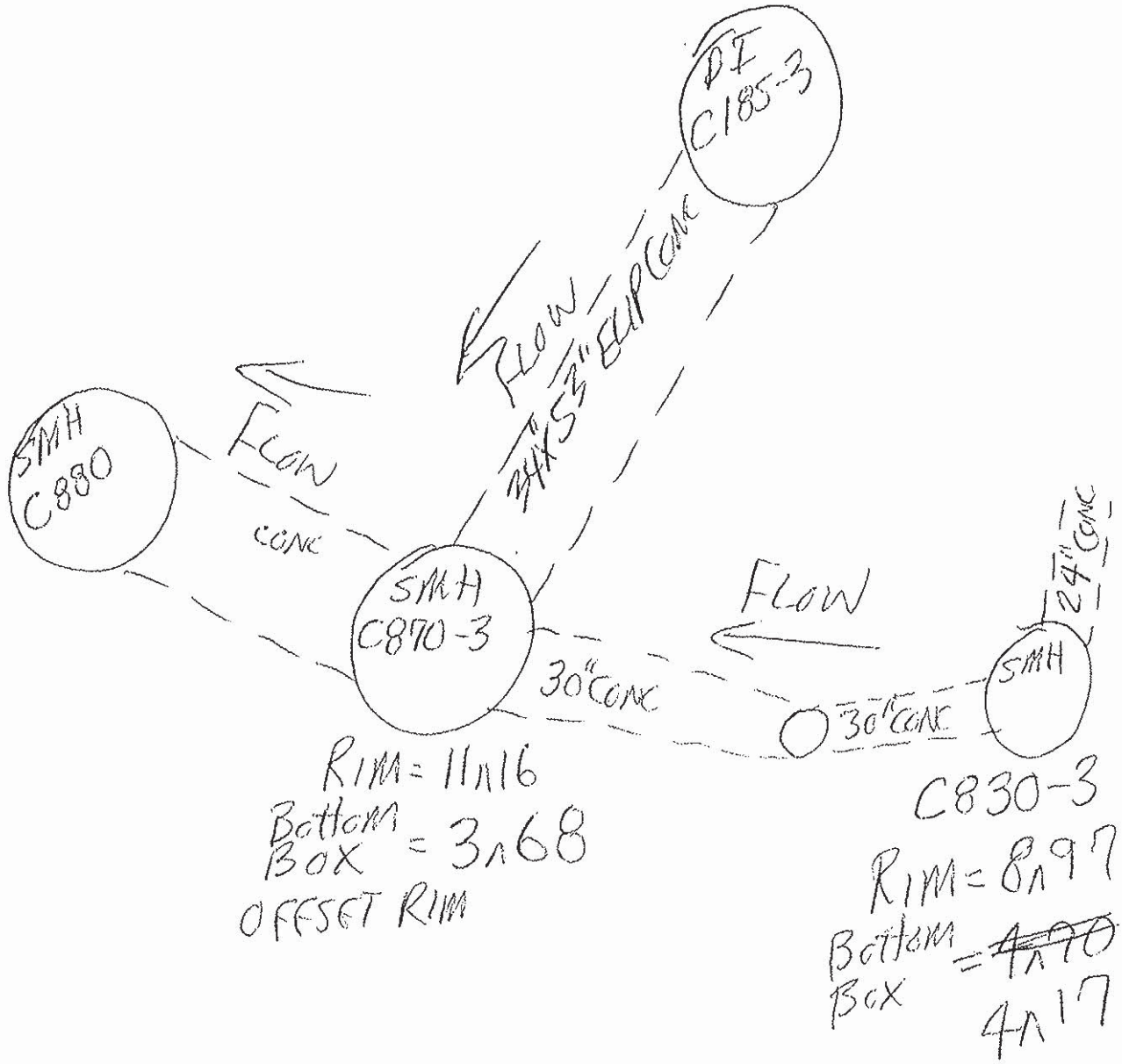
DITCH




Additional description of the point location: C185-3 to C870-3 to C880; C870-3 to SMH to C830-3.

(OVER)

45


DI
C185-3
FLOW
24"X53" ELIP CONC
SMH
C880
FLOW
CONC
SMH
C870-3
30" CONC
FLOW
24" CONC
SMH
30" CONC
RIM = 11.16
Bottom Box = 3.68
OFFSET RIM
C830-3
RIM = 8.97
Bottom Box = ~~4.90~~ 4.17

(41)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1045-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 12 Feb 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

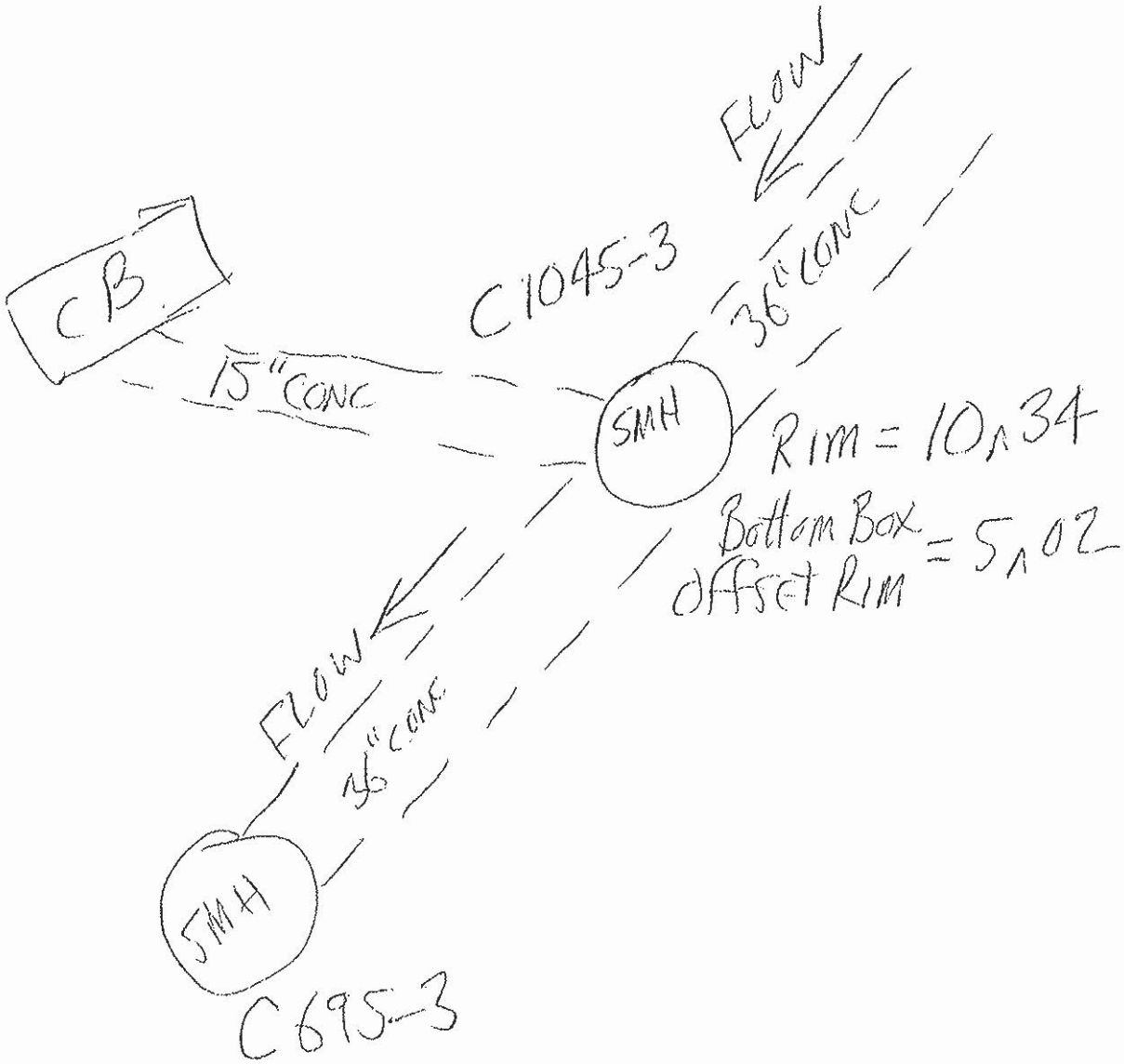
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: FROM C1045-3 to C695-3

DUEX

(41)


FLOW
C1045-3
36" CONC
CB
15" CONC
SMH
RIM = 10.34
Bottom Box
Offset RIM = 5.02
FLOW
36" CONC
SMH
C695-3

116

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 125-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-10-09

Surveyed By: B. EDWIN

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CAST IRON

Culvert Depth: / DOWN 2.63

Culvert Width / SIZE 30"

Culvert Type (circle one): (Circ) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 13.75

CULVERT

Low Shoulder Elev.: 10.98

Ditch Invert Elev.: 9.00

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE @ 10.51)

(117)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 13564

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-10-09

Surveyed By: R. WINN

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CAST IRON

Culvert Depth: / DOWN 2.91

Culvert Width: / SIZE 30"

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 14.70

CULVERT

Low Shoulder Elev.: 14.35

Ditch Invert Elev.: 9.51

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE R= 14.27)

57

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C195-A

~~Location/Nearest Intersection~~: STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

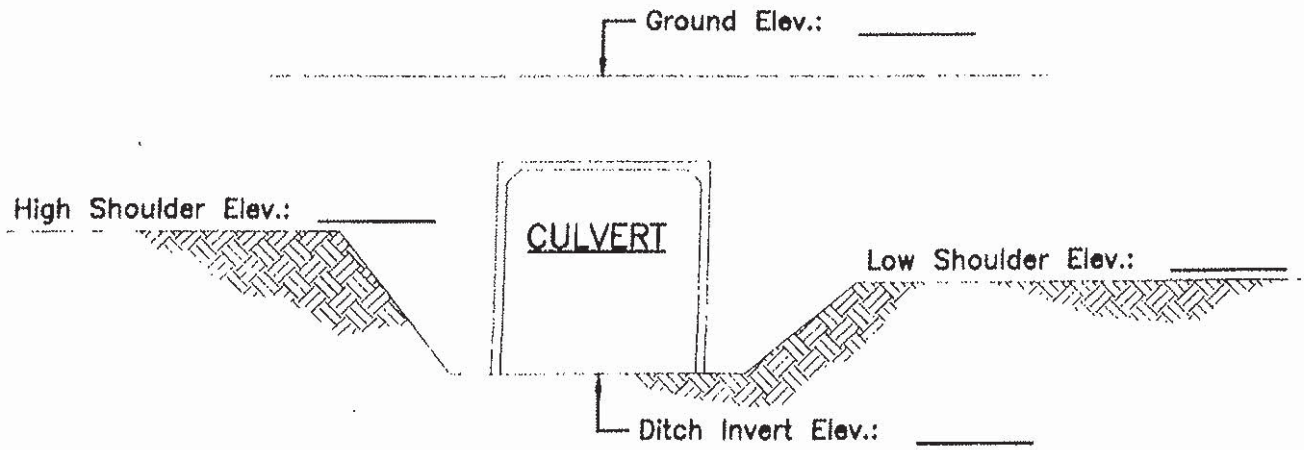
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

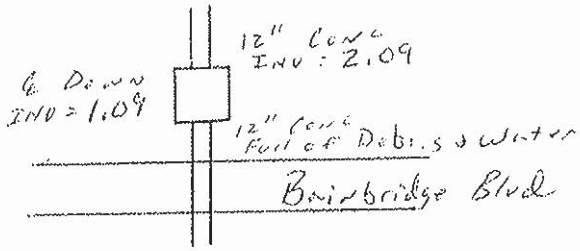



Additional description of the point location:

OVER

(57)

C195-4 CB
Rim El = 3.44



(58)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C225-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

_____

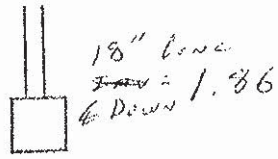
_____

_____

OVER

58

C225-4 CB
Rim El = 4.15




Bainbridge Blvd

(62)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # CZ35-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

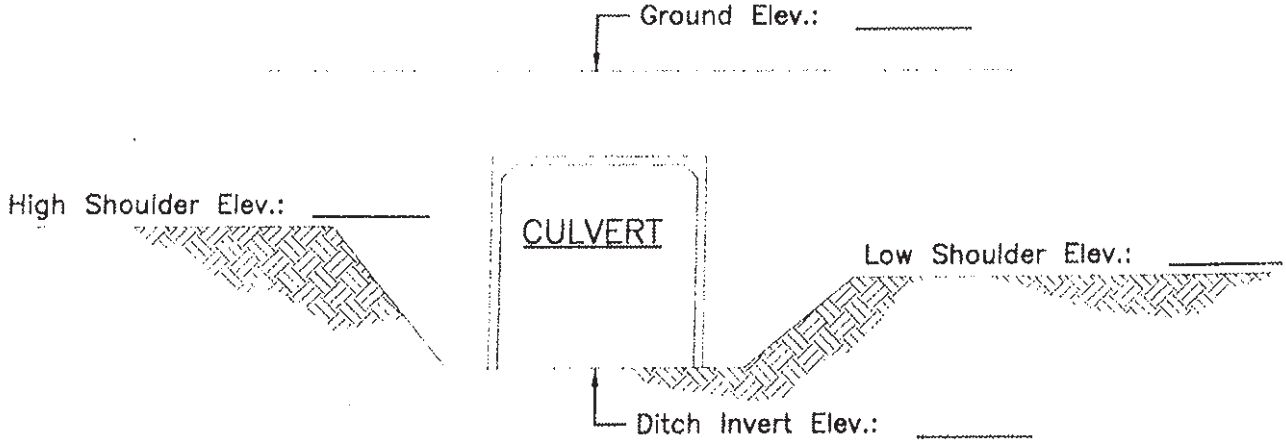
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

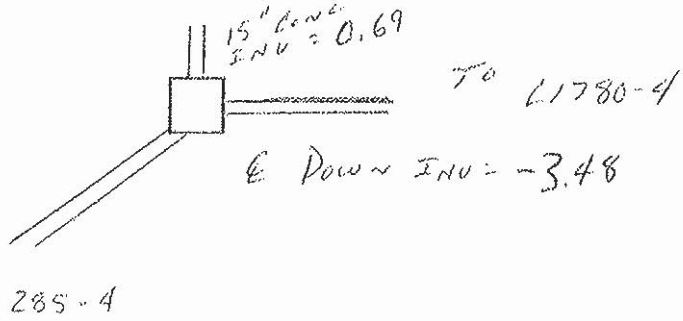



Additional description of the point location:

OVER

(62)

C235-4 CB (could not get other Pipes)
Rim El = 4.99



(64)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C255-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

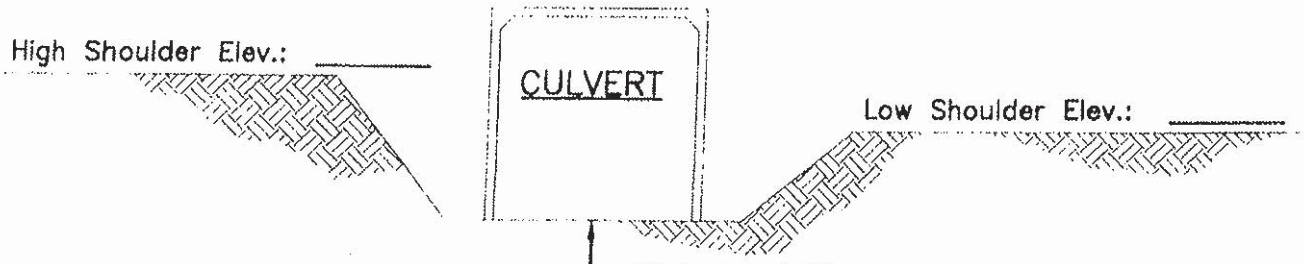
Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____




Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

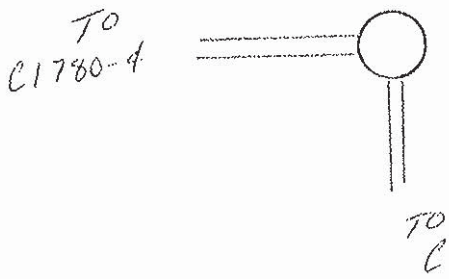
Additional description of the point location: Structure full of Water

OVER

(64)

C255-4 MH (Full of Water Could Not See Pipes)

Rim El = 6.09




& Down Inv = -2.68

(61)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C285-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

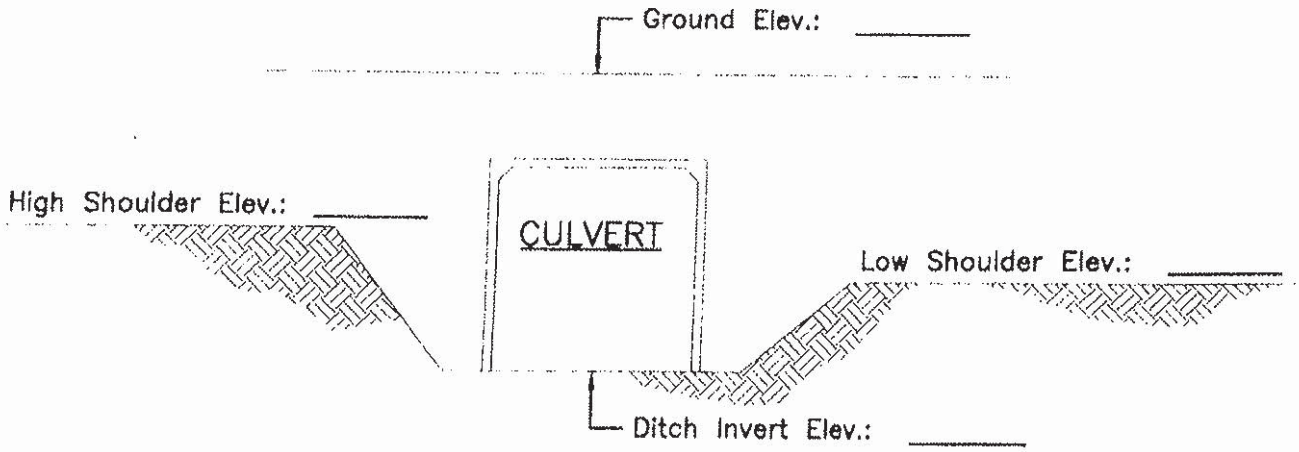
Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

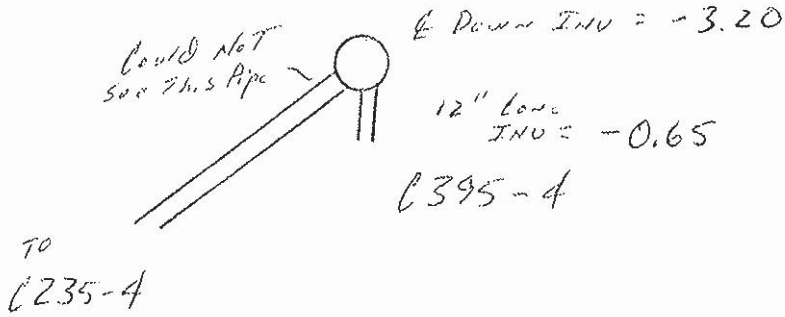



Additional description of the point location:

OVER

(61)

C285-4 SMH
Rim El = 4.05



(65)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # CZ95-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Conc Pipe

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Concrete

Culvert Depth: /DDWN

Culvert Width/SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

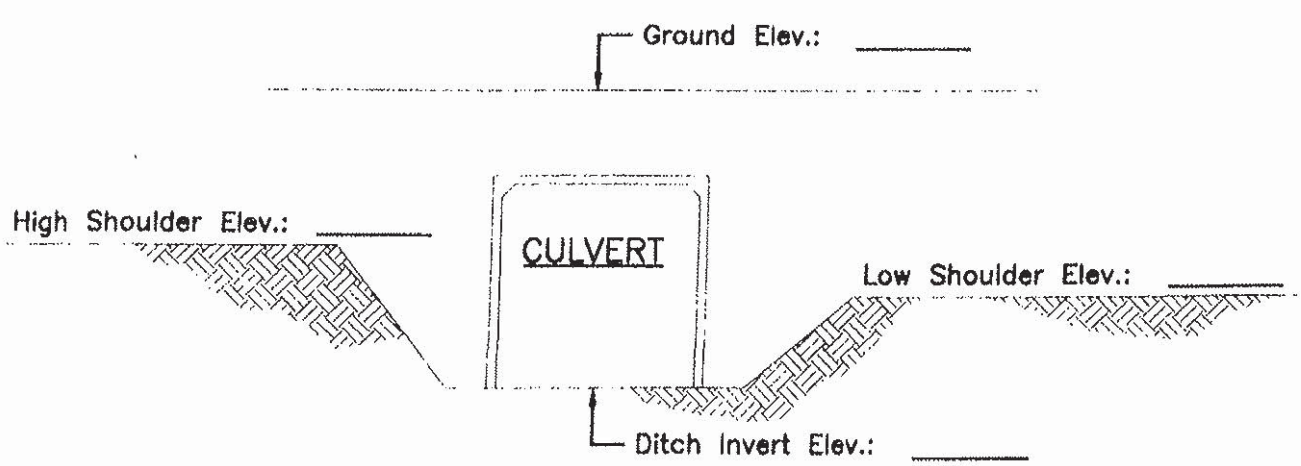
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Pipe Full of Mud & Debris

Shot Top of Pipe ELEV TOP OF Pipe = (0.600 Top of Pipe)

65

(54)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C305-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

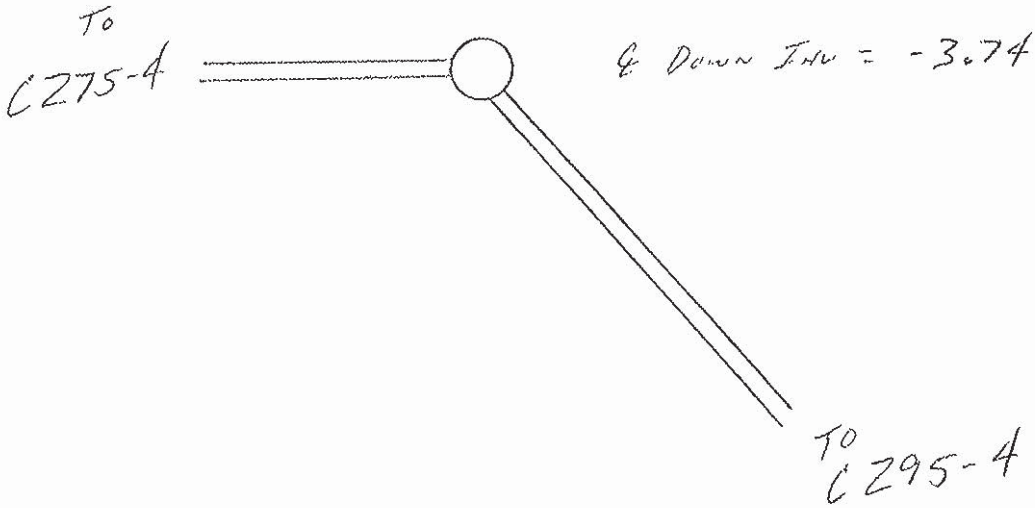
Ditch Invert Elev.: _____

Additional description of the point location:

OVER

(59)

C305-4 SMH (Full of Water Could Not Get Pipes)
Rim El = 4.53



73

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C325-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Structure Full of Water

Could Not See Pipes

OVER

(73)

L325-4 SMH
Rim El = 6.84

Full of Water
Could Not see pipes

4 Down Inv = 1.04

(70)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C335-4

~~Location/Nearest Intersection~~: STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

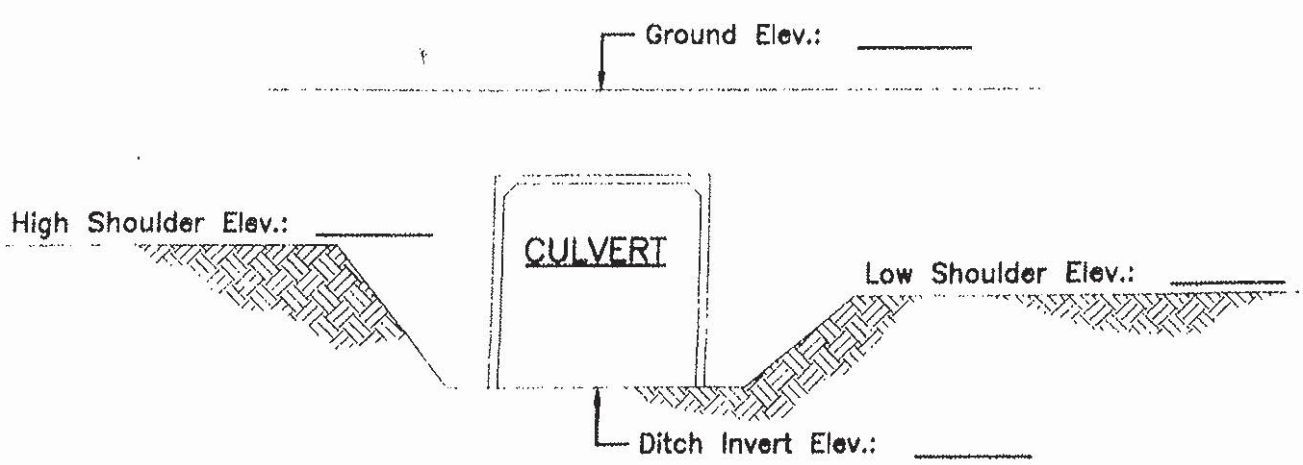
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location:

OVER

70

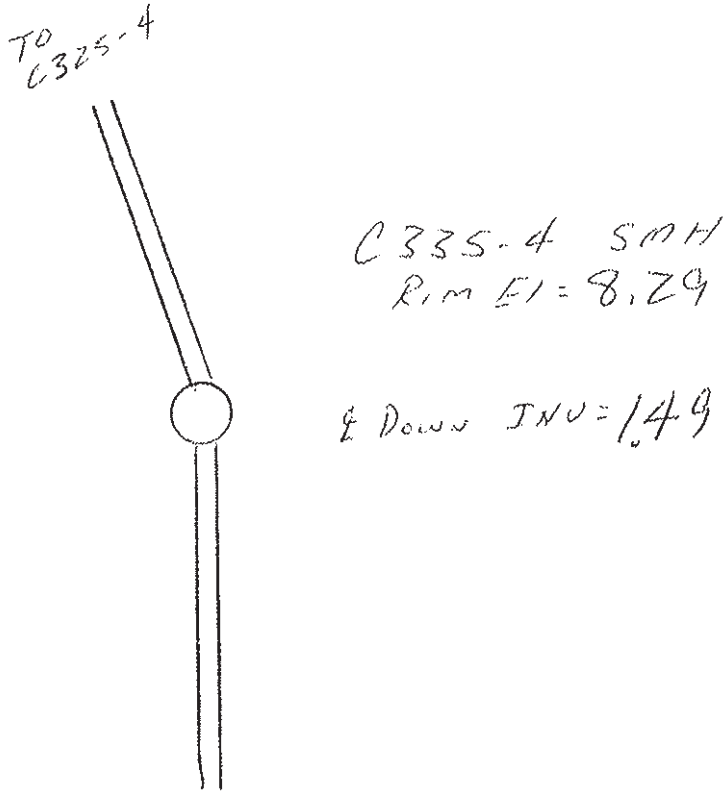



FIG 4

114

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C355-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-10-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: /DOWN 2.61

Culvert Width/SIZE 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

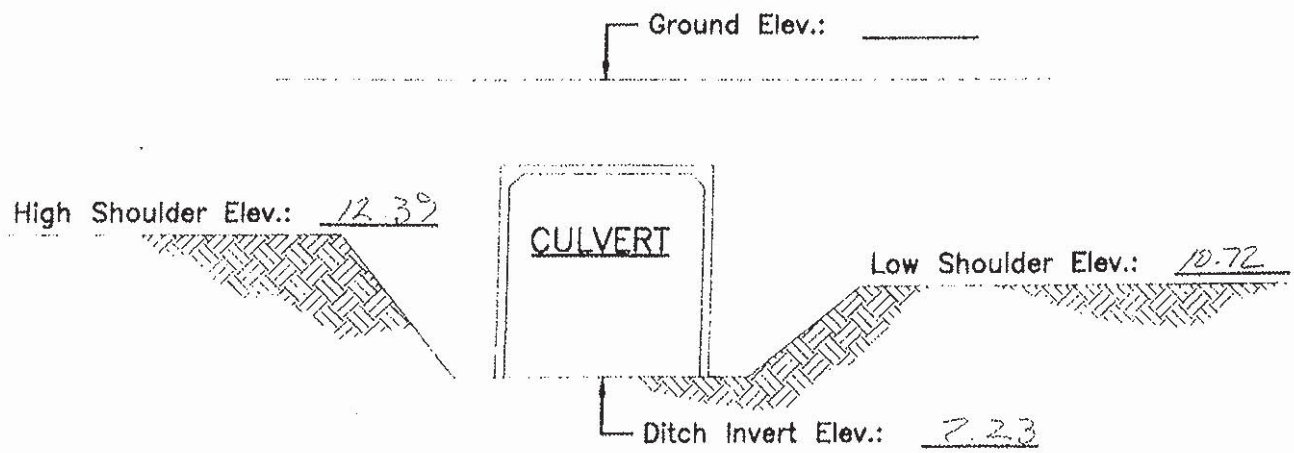
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM (TOP OF PIPE Ω = 9.51)

115

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 3654

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 03-10-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: /DOWN 2.79

Culvert Width/SIZE 30"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

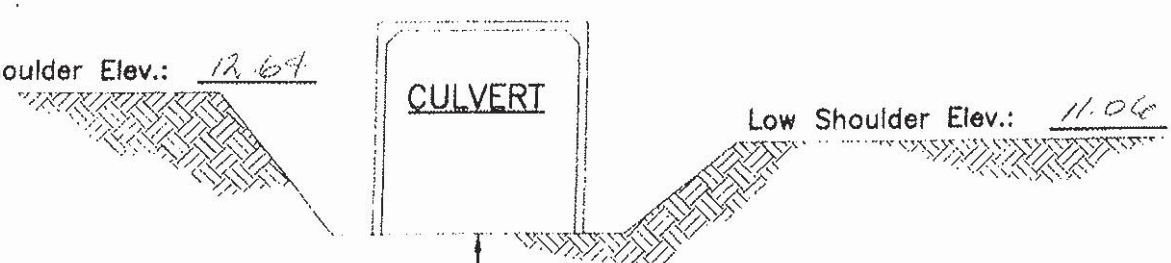
Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: 12.64




Low Shoulder Elev.: 11.06

Ditch Invert Elev.: 7.90

Additional description of the point location:

DOWN 10 FROM (TOP OF PIPE EL = 10.52

(60)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C395-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

(60)

To C285-4

12" Conc
INV = 2.28

C395-4 CB
Rim El = 5.10

55

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C405-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Pipe

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Concrete

Culvert Depth: / DOWN

Culvert Width / SIZE 30"

Culvert Type (circle one): (Circ)/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 5.49

Flow Direction (circle one): ← →

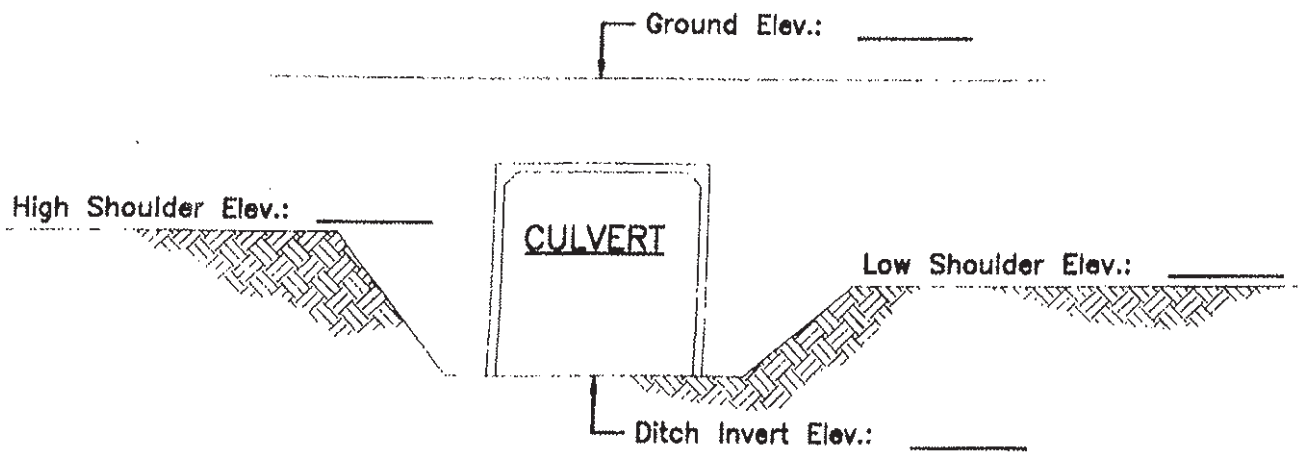
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: 30" Concrete Pipe INV = 5.49

(66)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C415-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

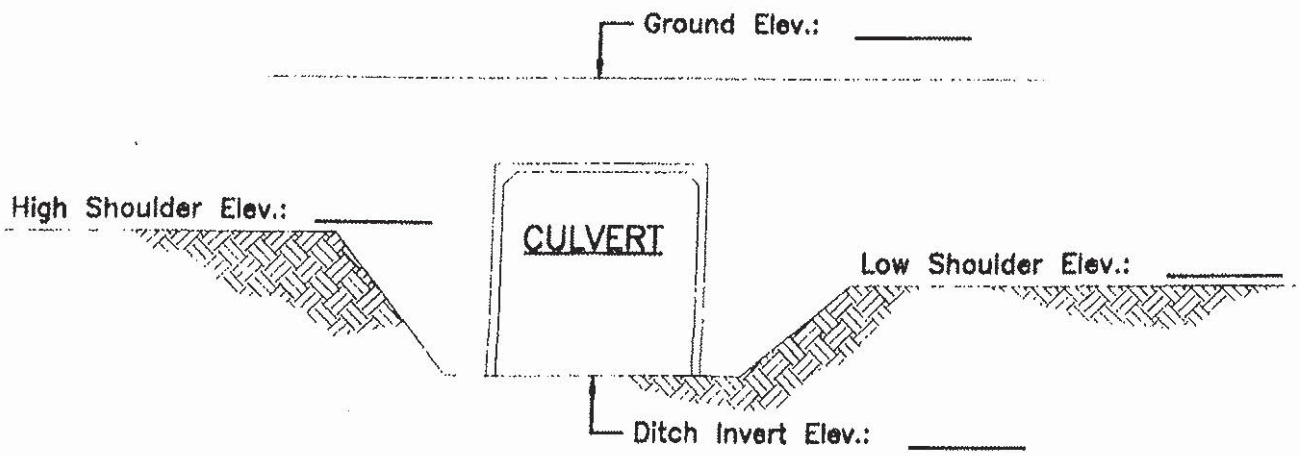
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

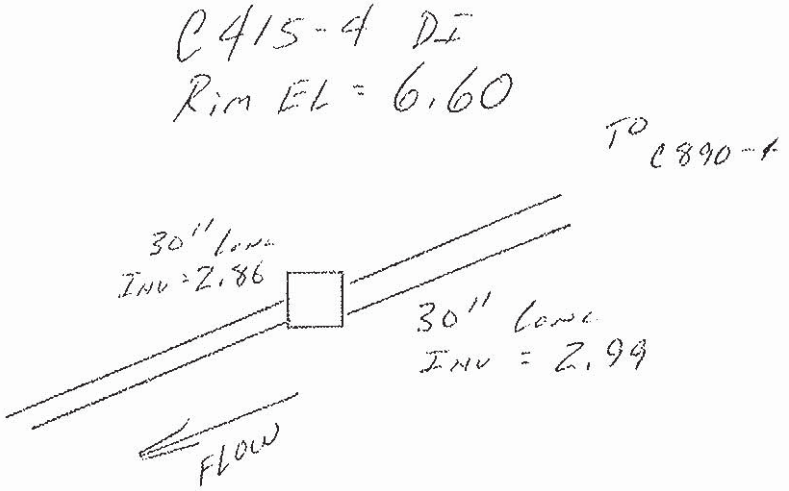
CULVERT

DITCH




Additional description of the point location: Located in Backyard of Hse Off of Chesapeake Ave

66


C415-4 DI
Rim EL = 6.60
TO C890-1
30" Conc
INV = 2.86
30" Conc
INV = 2.99
FLOW

(54)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C425-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: FES Pipe

Date: 2/11/09

Surveyed By: BJC/BRW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: FES CONC

Culvert Depth: /DOWN

Culvert Width/SIZE 15"

Culvert Type (circle one): (Circ)/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 5.68

Flow Direction (circle one): ← →

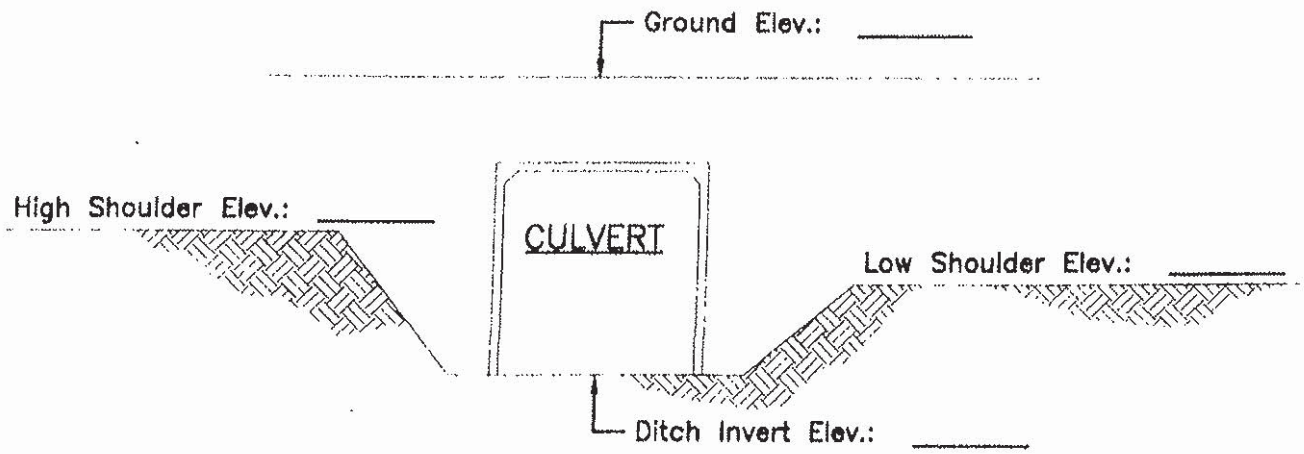
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: FES 15" Conc Pipe INV = 5.68

(69)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C435-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

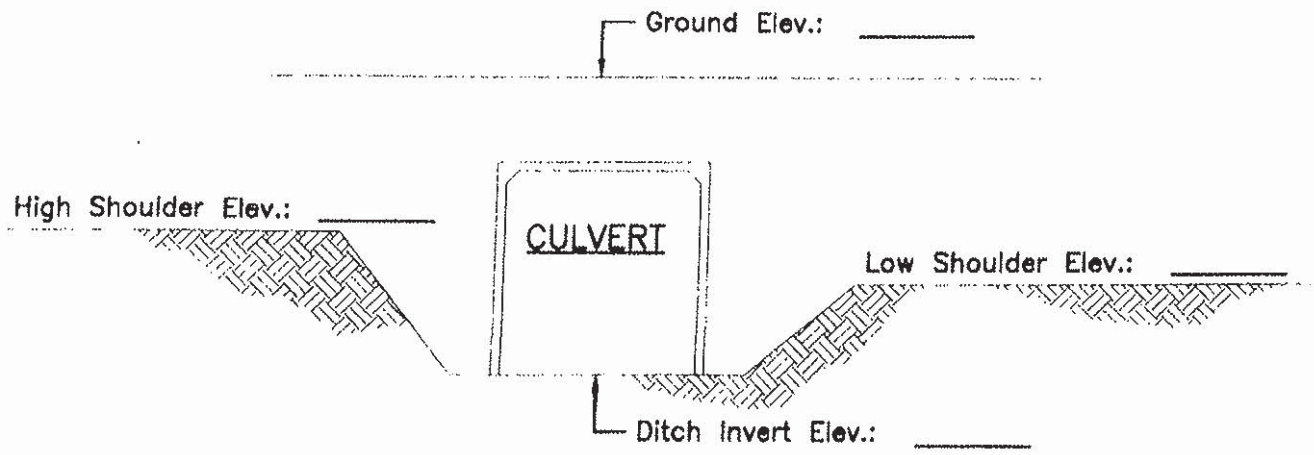
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

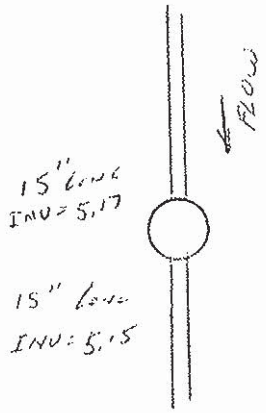



Additional description of the point location:

OVER

(69)

TO C445.4




C435-4 Round DI
Rim El = 8.29

68

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C445-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DDWN _____

Culvert Width / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

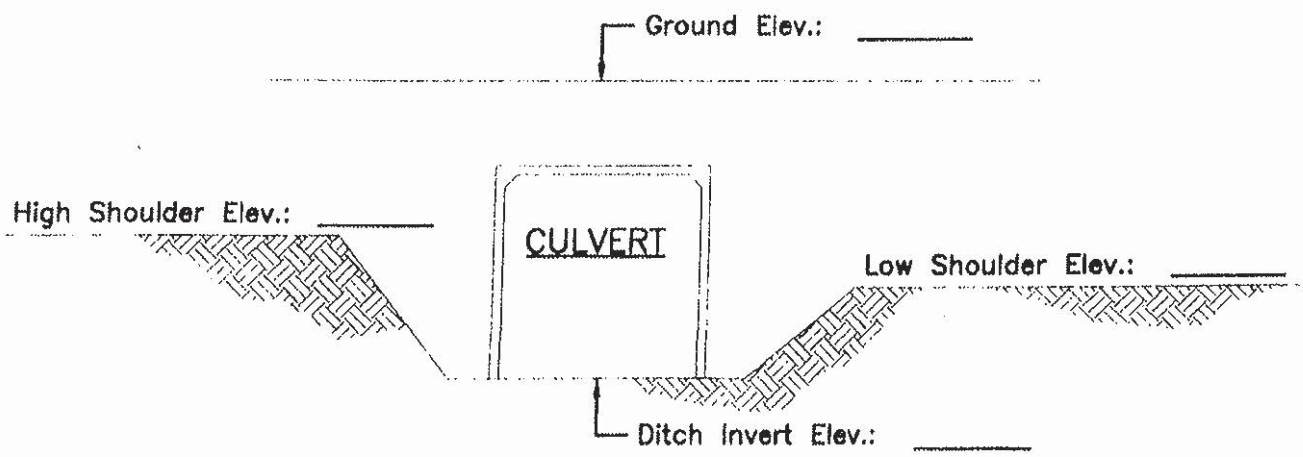
Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

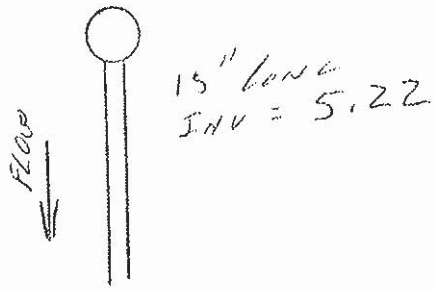



Additional description of the point location:

OVER

(68)

C445-4 Round DI
Rim El = 7.71




TO
C435-4

56

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C545-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: WU

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Water Valve

Rim El = 11.36

Water Valve

Top of Valve = 10.79

(3)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C720-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 17FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

(OVER)

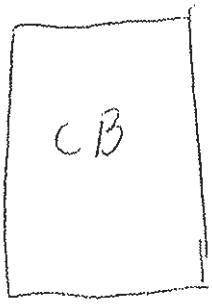
8

4

C720-4

RIM = 11n 61

Full of TRASH



(68)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C890-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width: / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

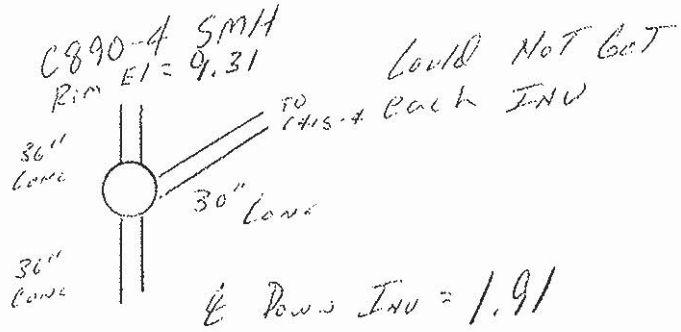
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

(67)


C890-4 SMH
Rim El = 9.31
Could NOT GET
TO CHIS-4 Each INV
36" Conc
30" Conc
36" Conc
℄ Down INV = 1.91

(71)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1040-d

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

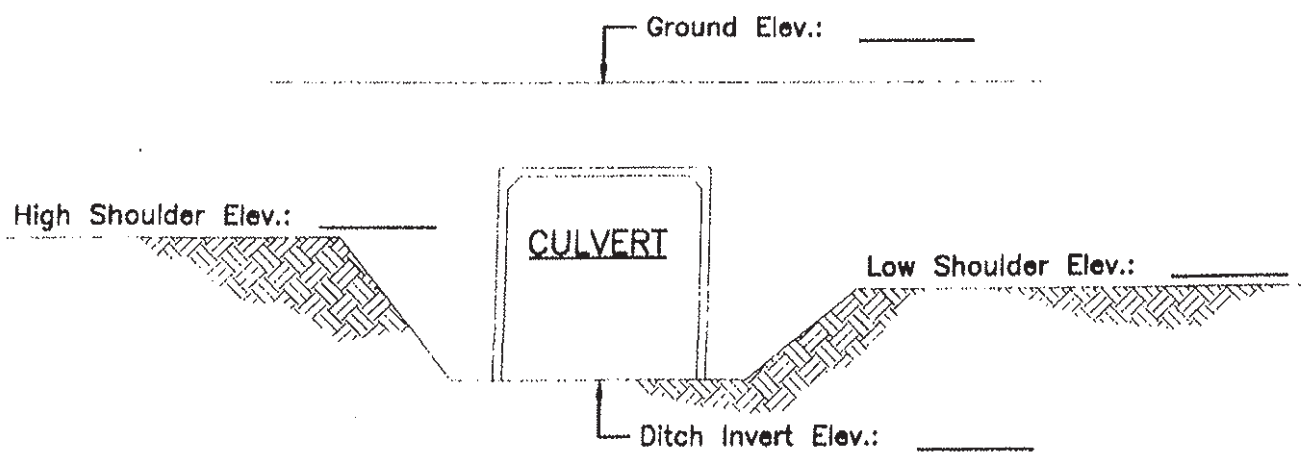
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

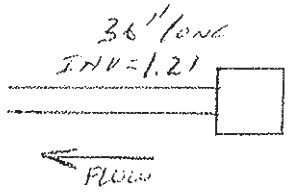



Additional description of the point location:

OVER

(71)

C1040-4 CB
Rim El = 5.91



(72)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1050-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

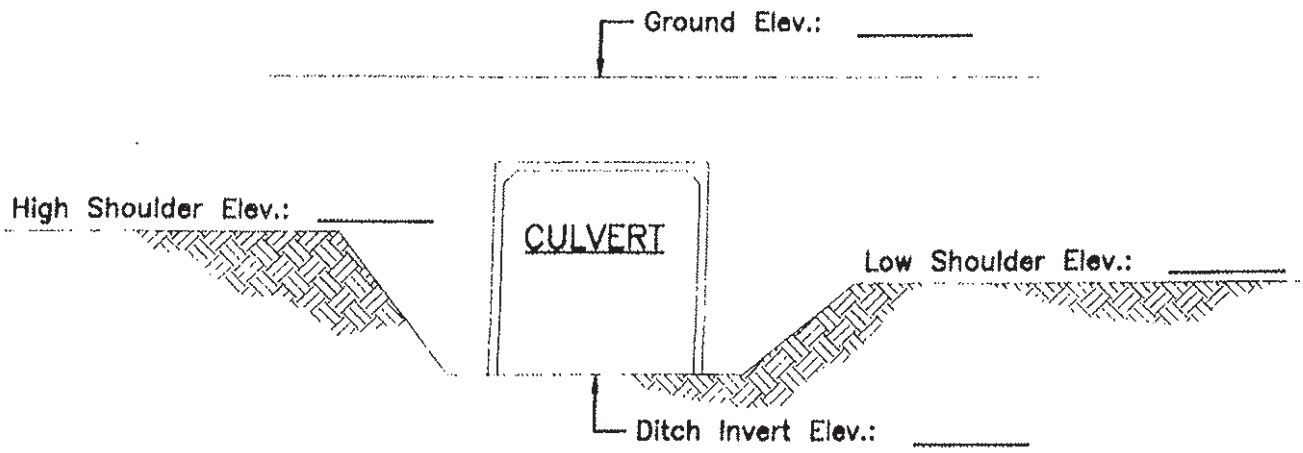
Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

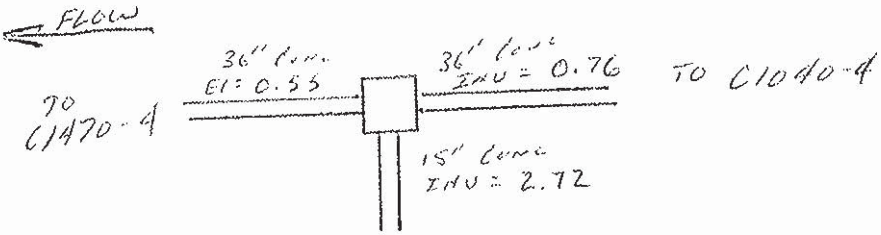



Additional description of the point location:

OVER

72

C1050-4 CB
R.m El = 5.96



(74)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # 21470-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

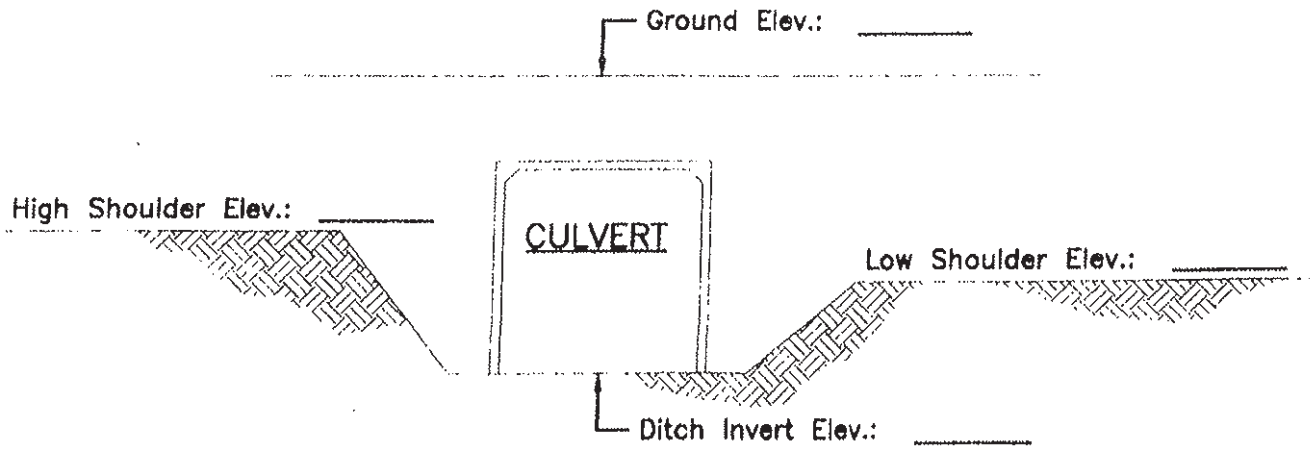
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Structure Full of Water Could Not See Pipes.

DUER

(74)

C1470-4 SMH
Rim El = 8.49

Full of Water
Could Not See Pipes

TO
C1050-4

4 Down
INV = 1.54

(52)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1540-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Pipe

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: Concrete

Culvert Depth: /DOWN

Culvert Width/SIZE 42"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -1.1'

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

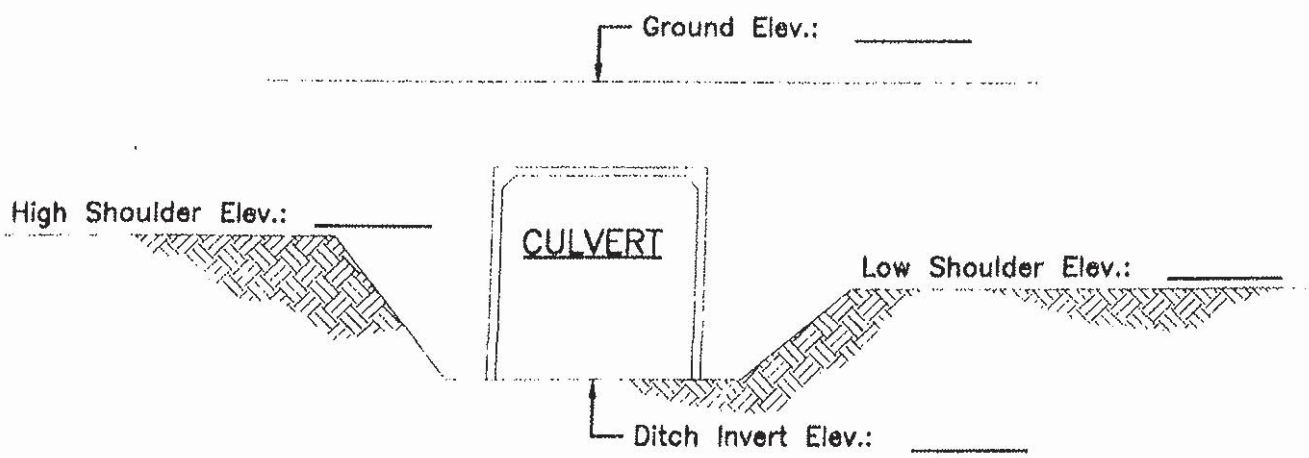
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Measured pipe size best we could under Water (Lakeside Park-Lake)

(53)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1550-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Pipe

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: Concrete

Culvert Depth: /DOWN

Culvert Width/SIZE 36"

Culvert Type (circle one): (Circ)/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -0.11

Pipe INV

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

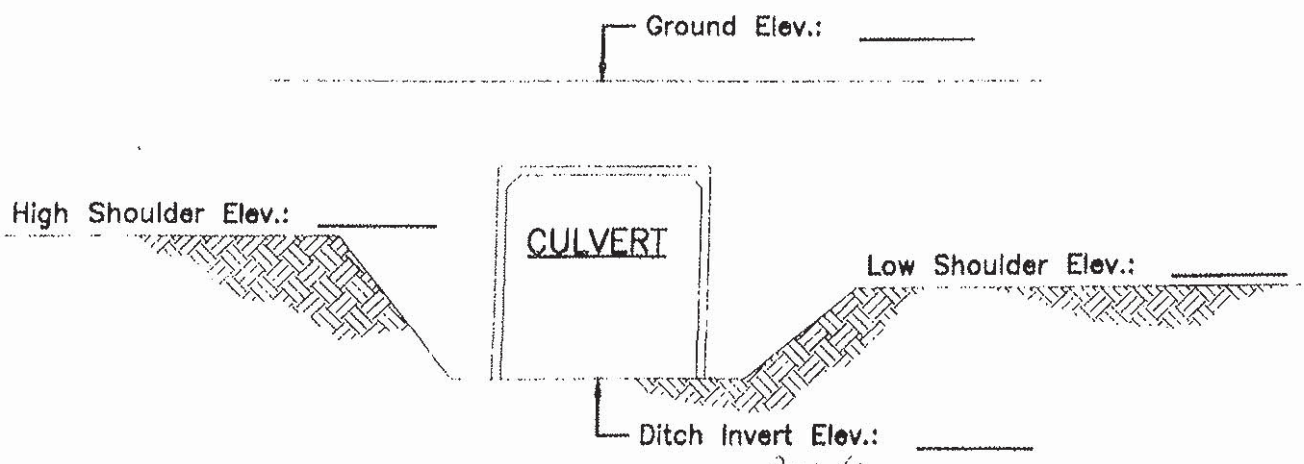
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Measured Pipe Size. Best We Found Pipe under Water (Lakeside Park Lake)

(5)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C385-4; C1300-4; C1290-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: INV; CB; CB

Date: 17 FEB 09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

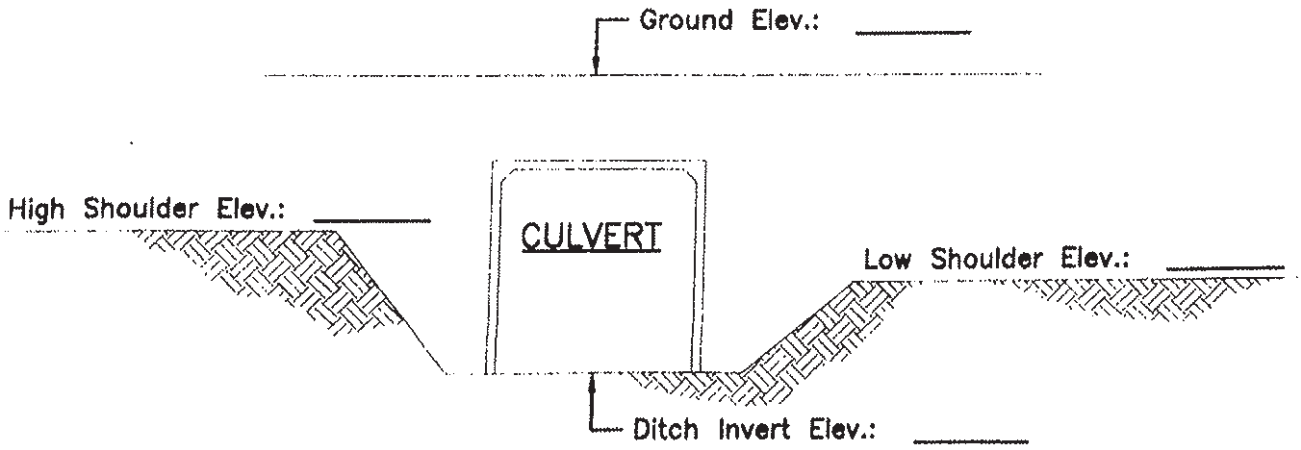
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

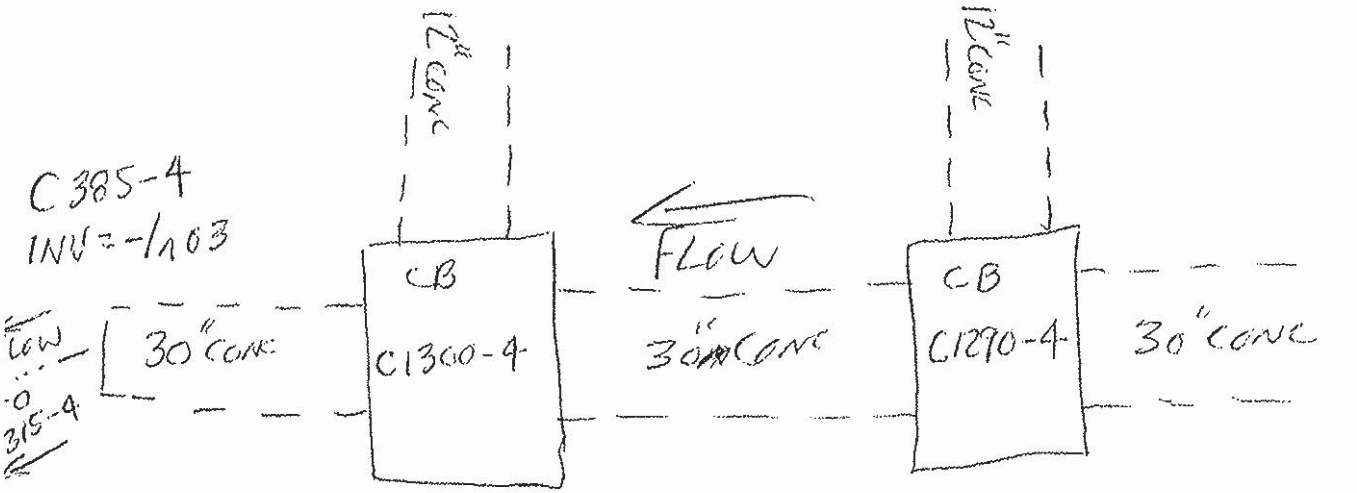
DITCH




Additional description of the point location: C315-4 to C385-4 to C1300-4 to C1290-4

(OVER)

(5)




CB
RIM = 9.59
12" CONC INV = 5.13
30" CONC INV = -1.60

CB
RIM = 9.62
12" CONC INV = 4.51
30" CONC INV = -1.19

(6)

Project: SOUTH NORFOLK

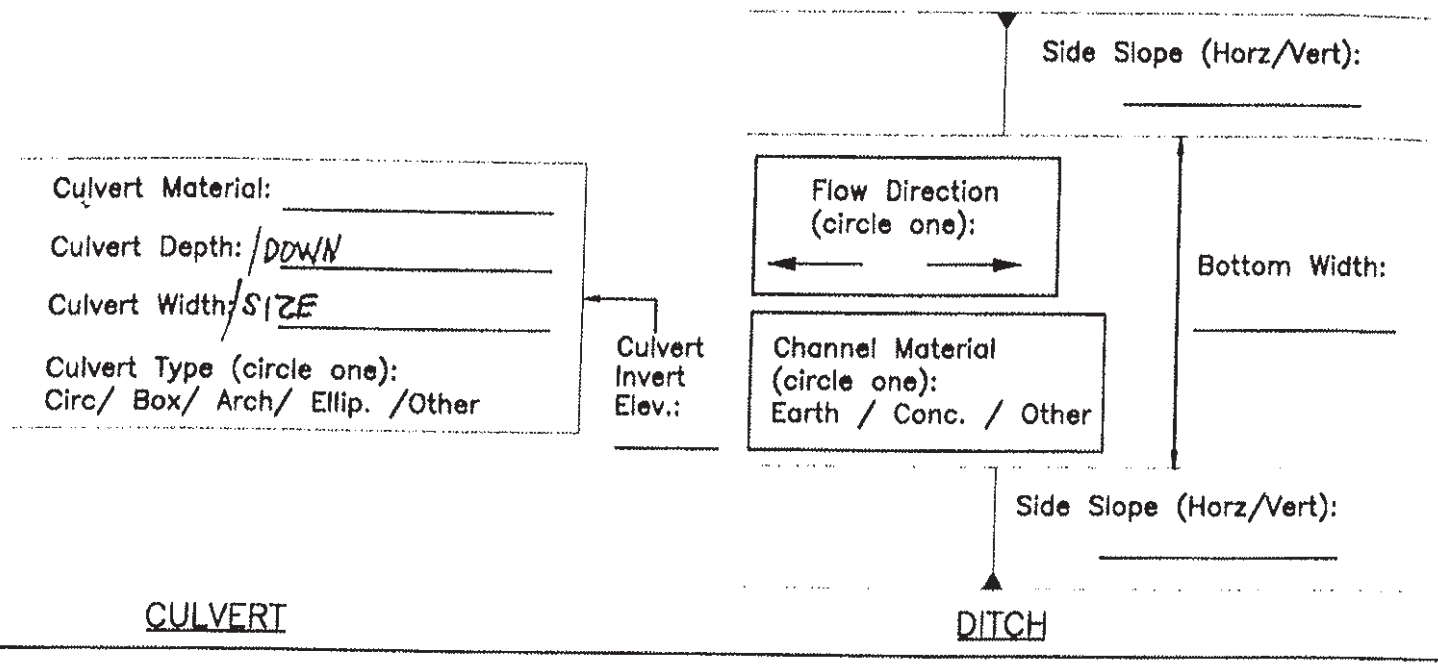
~~Node/Point #~~: GIS-ID # C1580-4; C1560-4

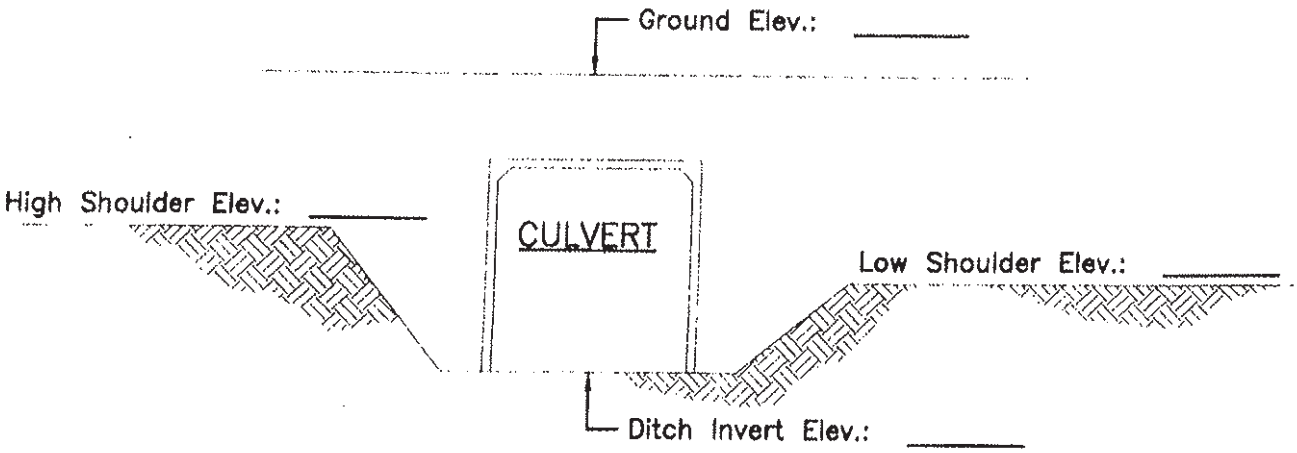
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; DI

Date: 17FEB09

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.



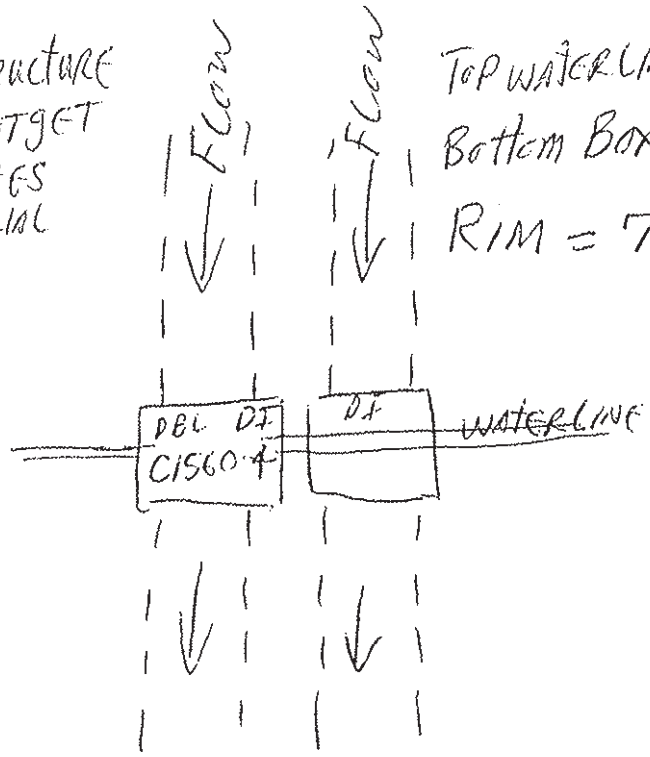




Additional description of the point location:

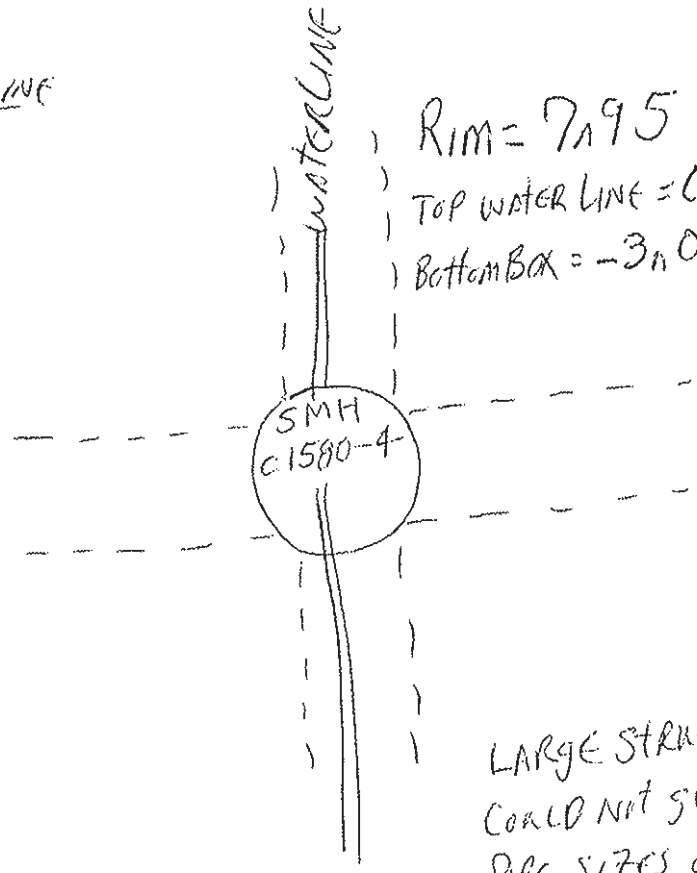
(OVER)

(6)

LARGE STRUCTURE COULD NOT GET PIPE SIZES OR MATERIAL




TOP WATERLINE = 2.63
Bottom Box = -0.98
RIM = 7.08




RIM = 7.95
TOP WATER LINE = 0.90
Bottom Box = -3.02

LARGE STRUCTURE COULD NOT SET PIPE SIZES OR MATERIAL

(7)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1630-4; C315-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH; INV

Date: 17 FEB 09

Surveyed By: FAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

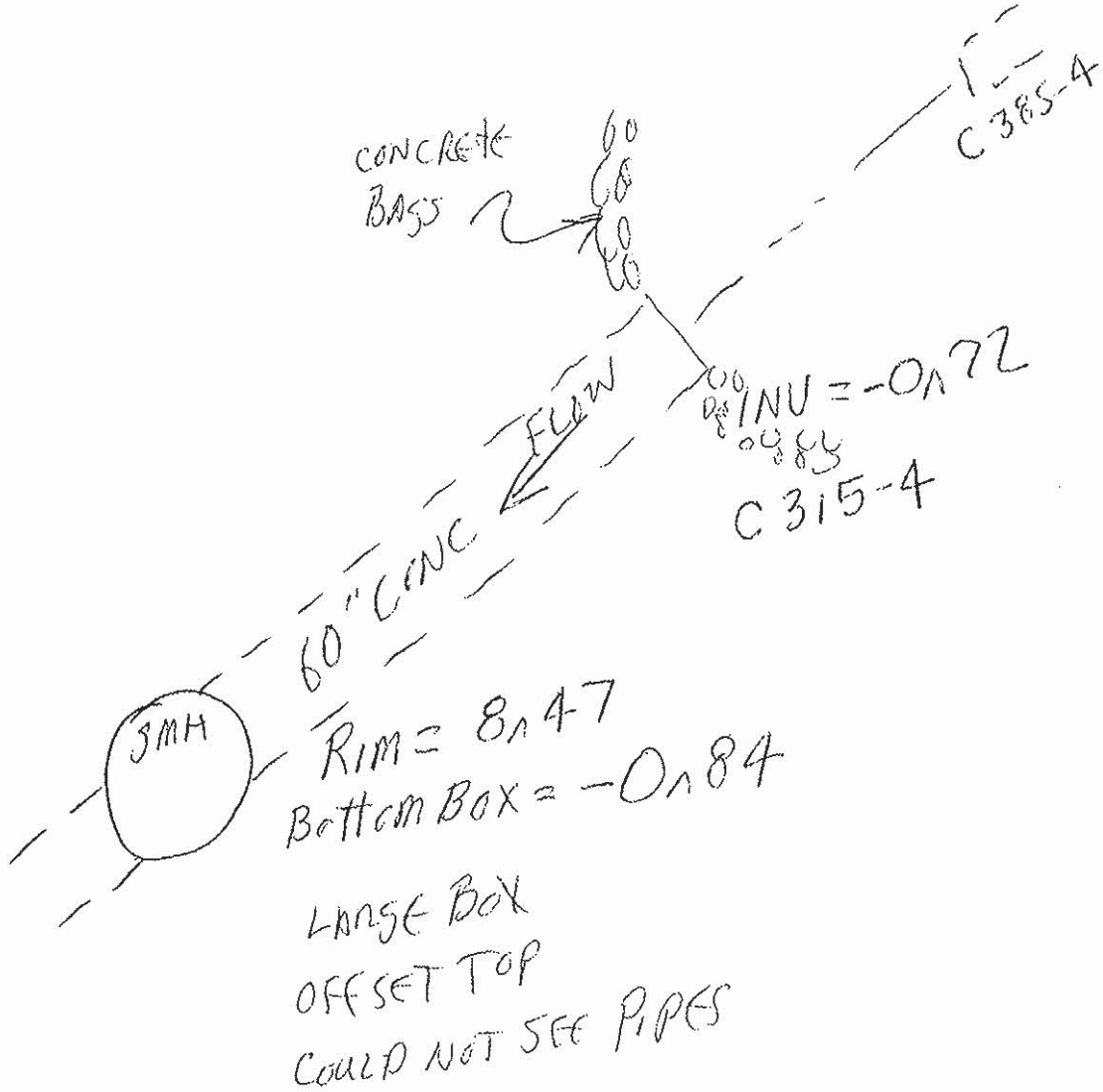
Ditch Invert Elev.: _____

Additional description of the point location: ~~From C315-4 to C385-4~~

From C1630-4 to C315-4 to C385-4

(OVER)

(7)


N
CONCRETE BASS
C 385-4
FLOW
INV = -0.72
C 315-4
60" CONC
JMH
RIM = 8.47
Bottom Box = -0.84
LARGE BOX
OFFSET TOP
COULD NOT SEE PIPES

(63)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C1780-4

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

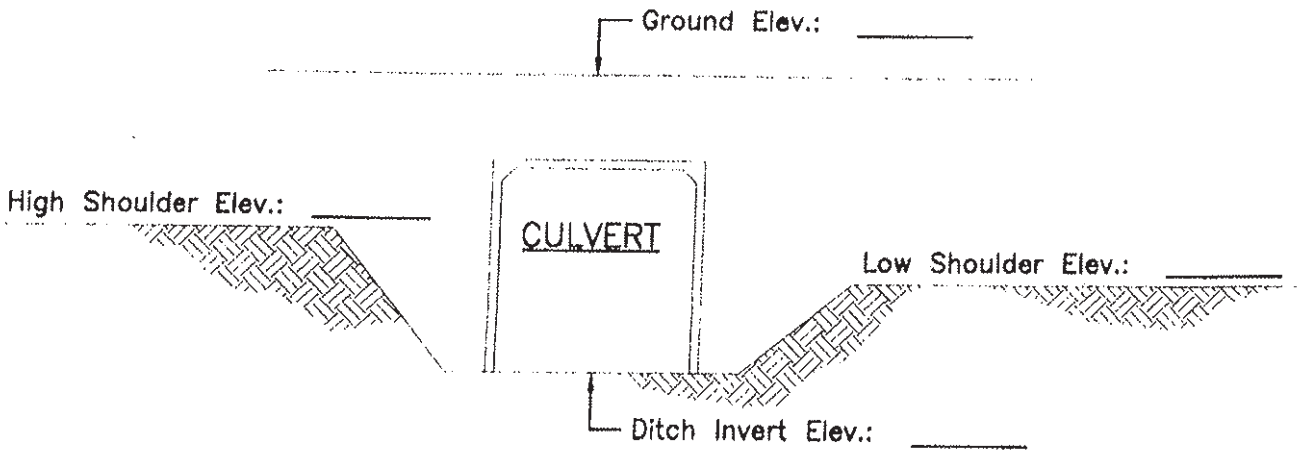
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Structure Full of Water

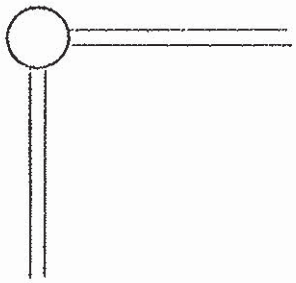
OVER

63

C1780-4 SMH (Full of Water Could Not See Pipes)
Rim El = 5.37

TO C235-4

E Down
INV = -3.90



TO
C255-4

(123)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-125-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date: [illegible]

Surveyed By: [illegible]

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 15.46

Flow Direction

Culvert Material: CMC

Culvert Depth: / DOWN 2.53

Culvert Width: / SIZE 24" conc.

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

DOWN IS FROM RIM

(124)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-135-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date: 02-02-09

Surveyed By: [illegible]

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 15.24

Flow Direction

Culvert Material: CONC

Culvert Depth: / DOWN 2.37

Culvert Width: / SIZE 24" CONC

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT JUNCTION/INLET CULVERT

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.: _____

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

DOWN IS FROM RIM

(104)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-635-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.M. PIPE

Date: 01-30-09

Surveyed By: Z. EVANS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: C.M.

Culvert Depth: / DOWN 2.55

Culvert Width / SIZE 30"

Culvert Type (circle one):
(Circ) / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 12.25

CULVERT

Low Shoulder Elev.: [illegible]

Ditch Invert Elev.: 11.55

Additional description of the point location:

DOWN IS FROM TOP OF PIPE EL: 14.13

(102)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 645-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.P. FES

Date: 12-02-07

Surveyed By: R. OUNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 2.83

Culvert Width: / SIZE 30"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 13.82

CULVERT

Low Shoulder Elev.: 12.50

Ditch Invert Elev.: 11.43

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL = 14.05)

103

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-655-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CP RED

Date: 02-03-09

Surveyed By: R. ADAMS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 2.82

Culvert Width: / SIZE 30"

Culvert Type (circle one):
(Circ) / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

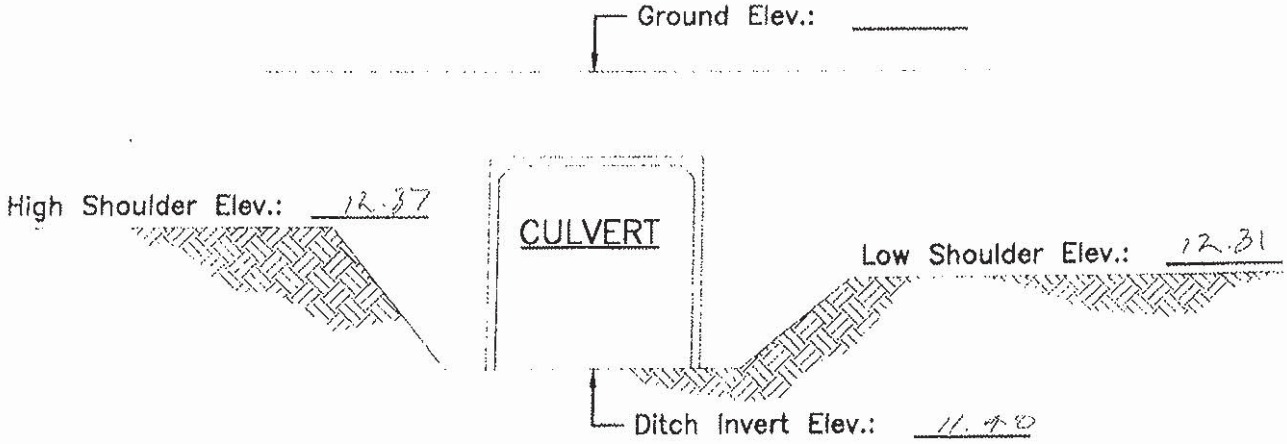
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM (TOP OF PIPE 22:14.13)

(105)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 715-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CM PIPE

Date: 02-02-09

Surveyed By: R. LUNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: C.M.

Culvert Depth: /DOWN 2.07

Culvert Width/SIZE 24"

Culvert Type (circle one): (Circ) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Side Slope (Horz/Vert):

Flow Direction (circle one): ← →

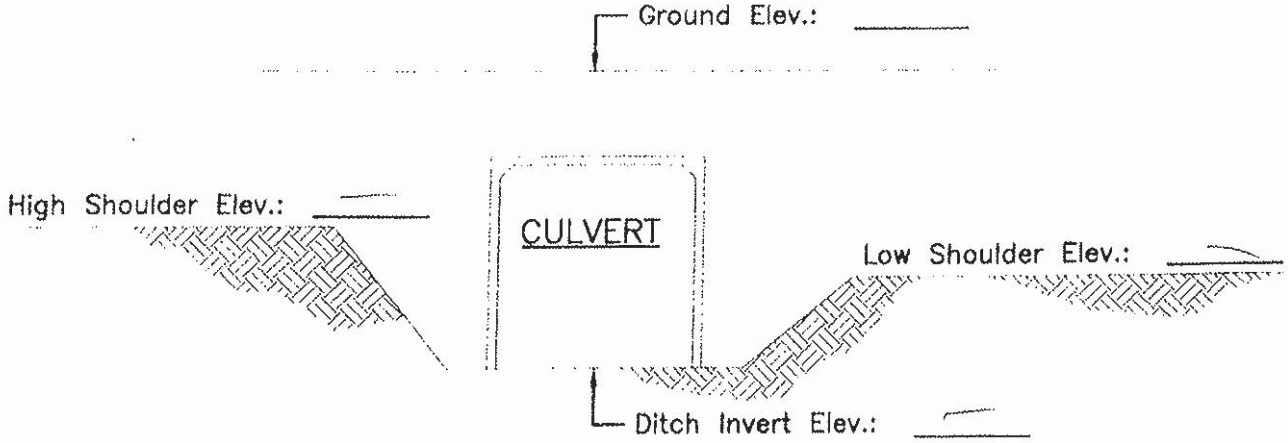
Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM TOP OF PIPE ~ 14.69

(122)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 725-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CP FES.

Date: 02-09-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 2.46

Culvert Width / SIZE 24"

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

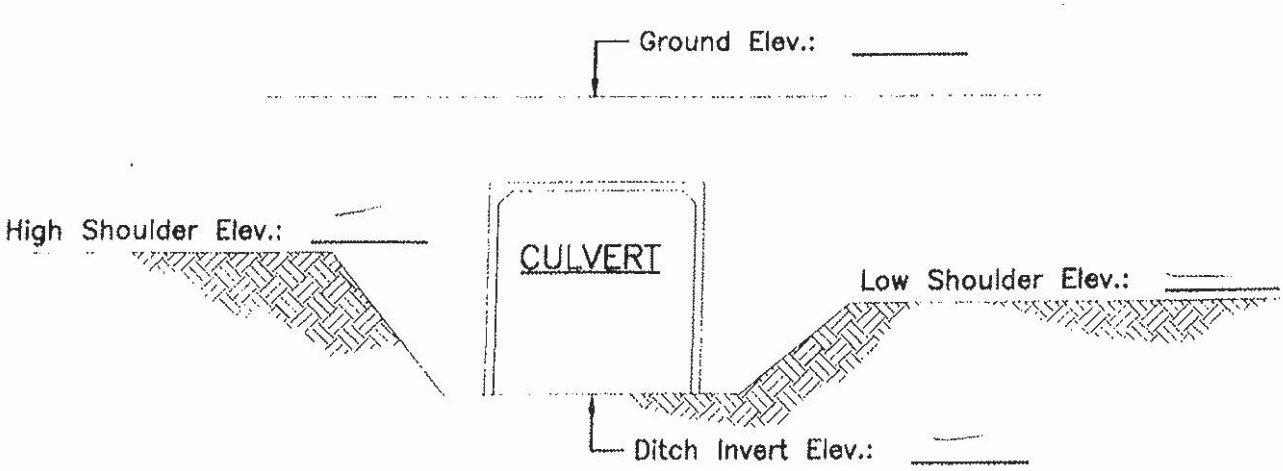
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL: 15.34

(106)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C755-5

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CM PIPE

Date: 01-30-09

Surveyed By: B. GAINES

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: C.M.

Culvert Depth: /DOWN 3.36

Culvert Width/SIZE 24"

Culvert Type (circle one):
(Circ) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 16.28

CULVERT

Low Shoulder Elev.: 15.75

Ditch Invert Elev.: 13.30

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL: 16.74')

100

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 105-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-03-09

Surveyed By: B. EDWARDS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC.

Culvert Depth: / DOWN 1.92

Culvert Width / SIZE 30 x 18

Culvert Type (circle one):
Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 17.20

CULVERT

Low Shoulder Elev.: 16.51

Ditch Invert Elev.: 15.35

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL: 17.12)

(92)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 115-C6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-03-09

Surveyed By: B. DUNN

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 1.93

Culvert Width: / SIZE 30 x 18

Culvert Type (circle one):
Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.:

Side Slope (Horz/Vert):

Flow Direction (circle one): ← →

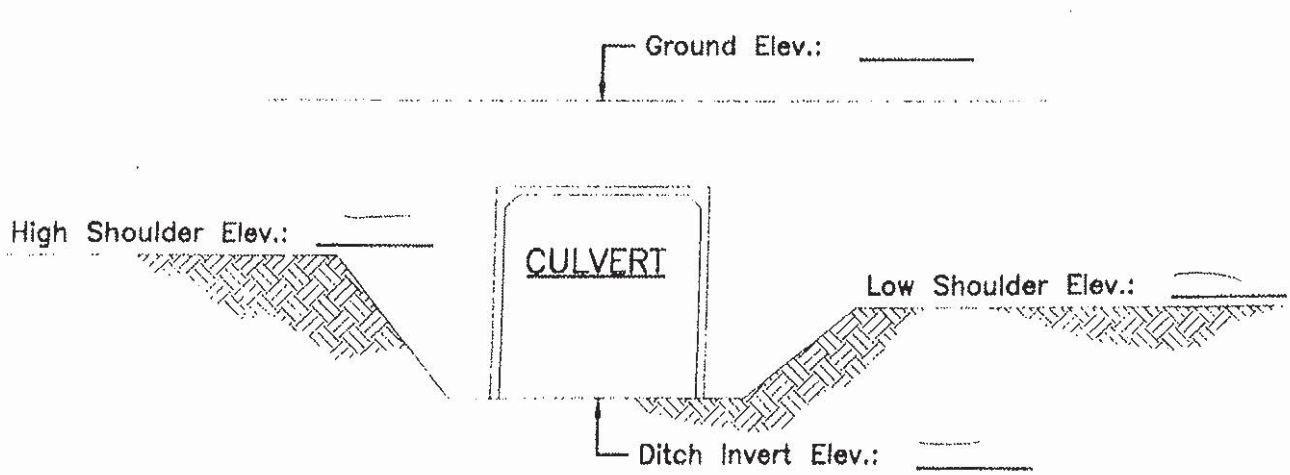
Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN 1.5 FROM (TOP OF PIPE EL: 17.22)

118

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 195-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-10-09

Surveyed By: R. EDWIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC.

Culvert Depth: / DOWN 3.94

Culvert Width / SIZE 42"

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 14.27

CULVERT

Low Shoulder Elev.: 13.60

Ditch Invert Elev.: 10.30

Additional description of the point location:

DOWN IS FROM TOP OF PIPE R: 13.92

(91)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C545-6

~~Location/Nearest Intersection~~: STRUCTURE TYPE: PIPE

Date: 02-03-09

Surveyed By: R. EDWARDS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC.

Culvert Depth: / DOWN 1.91

Culvert Width / SIZE 30 x 48

Culvert Type (circle one):
Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.:

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 15.65

CULVERT

Low Shoulder Elev.: 15.63

Ditch Invert Elev.: 14.52

Additional description of the point location:

DOWN AS FROM (TOP OF PIPE EL: 17.03)

(53)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C 555-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-08-06

Surveyed By: R. DUNN

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: CONC.

Culvert Depth: / DOWN 1.91

Culvert Width / SIZE 30 × 18

Culvert Type (circle one):
Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

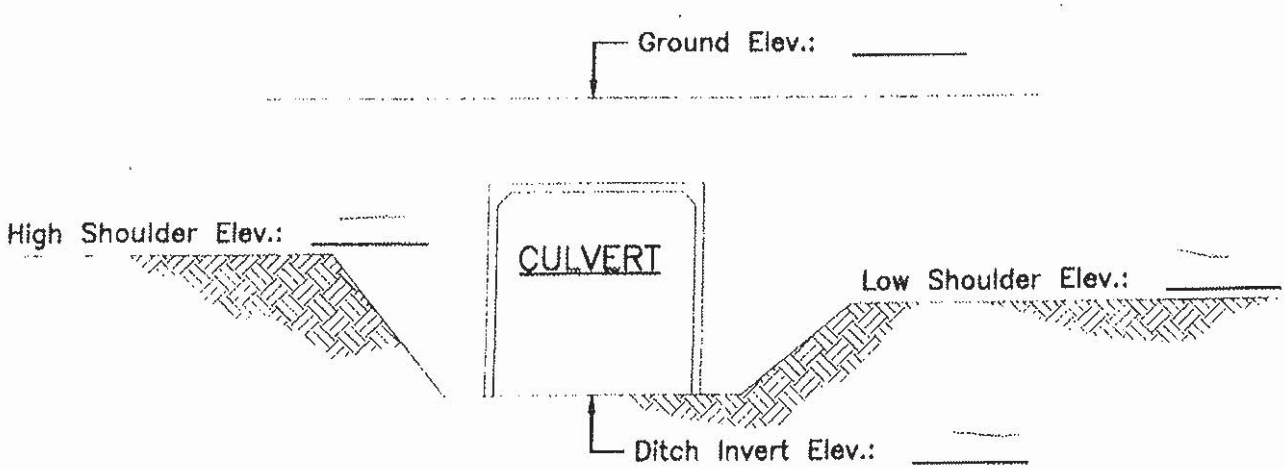
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location:

DOWN 15 FROM (TOP OF PIPE R: 1657)

(126)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 6 15-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-09-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC.

Culvert Depth: / DOWN 2.27

Culvert Width: / SIZE 23 x 34

Culvert Type (circle one):
Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 14.59

CULVERT

Low Shoulder Elev.: 14.38

Ditch Invert Elev.: 14.80

Additional description of the point location:

DOWN IS FROM TOP OF PIPE EL: 14.69

(101)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C.695-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: PIPE

Date: 02-25-09

Surveyed By: B. LUNID

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: C.M.

Culvert Depth: / DOWN 2.07

Culvert Width: / SIZE 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE 22" 14.67)

(94)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS - ID # C 715 · 6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.P. FES

Date: 02-05-09

Surveyed By: R. JONES

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 1.91

Culvert Width: / SIZE 18"

Culvert Type (circle one):
(Circ) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

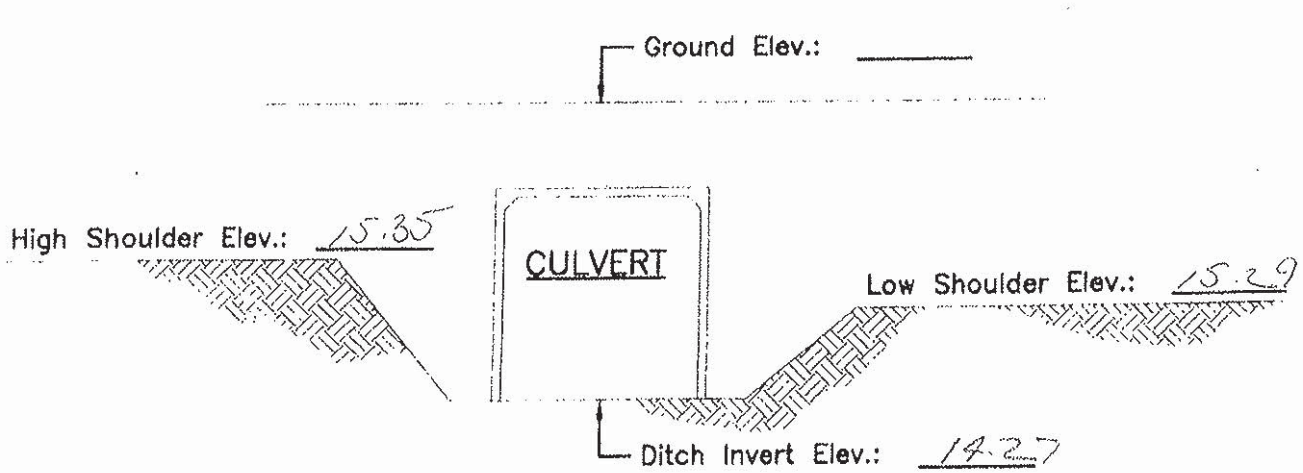
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL = 16.05

95

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID #C735-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CP FES

Date: 02-05-09

Surveyed By: BROWNS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC.

Culvert Depth: /DOWN 1.91

Culvert Width/SIZE 18"

Culvert Type (circle one):
(Circ)/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.:

CULVERT

Low Shoulder Elev.:

Ditch Invert Elev.:

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL: 16.75

(96)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 745-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CP FES.

Date: 02-05-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 1.90

Culvert Width: / SIZE 18"

Culvert Type (circle one): (Circ) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

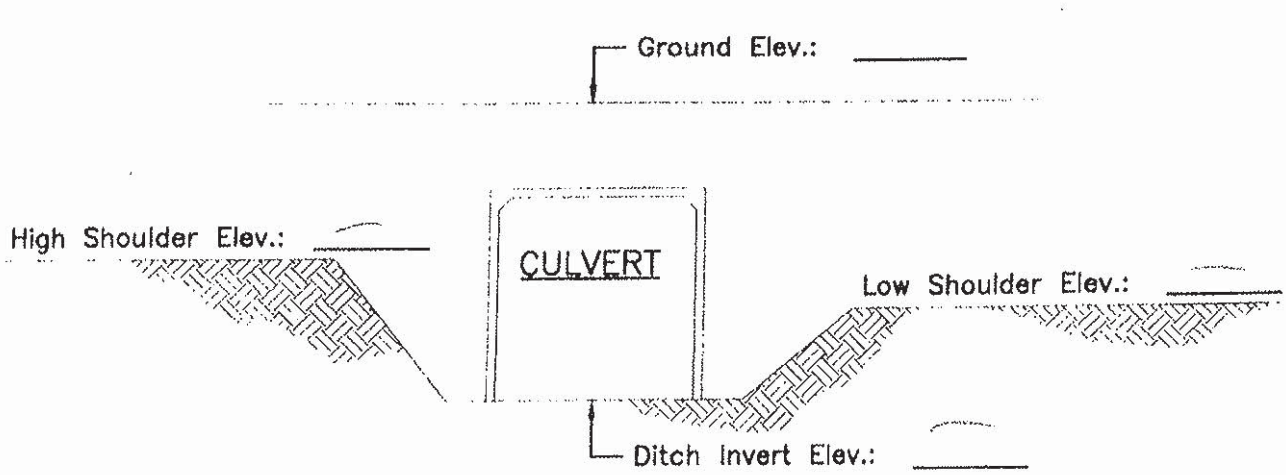
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN 15 FROM (TOP OF PIPE EL: 16.40)

(97)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C755-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CP FES.

Date: 02-05-09

Surveyed By: B. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC

Culvert Depth: / DOWN 1.93

Culvert Width / SIZE 18"

Culvert Type (circle one):
(Circ) / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

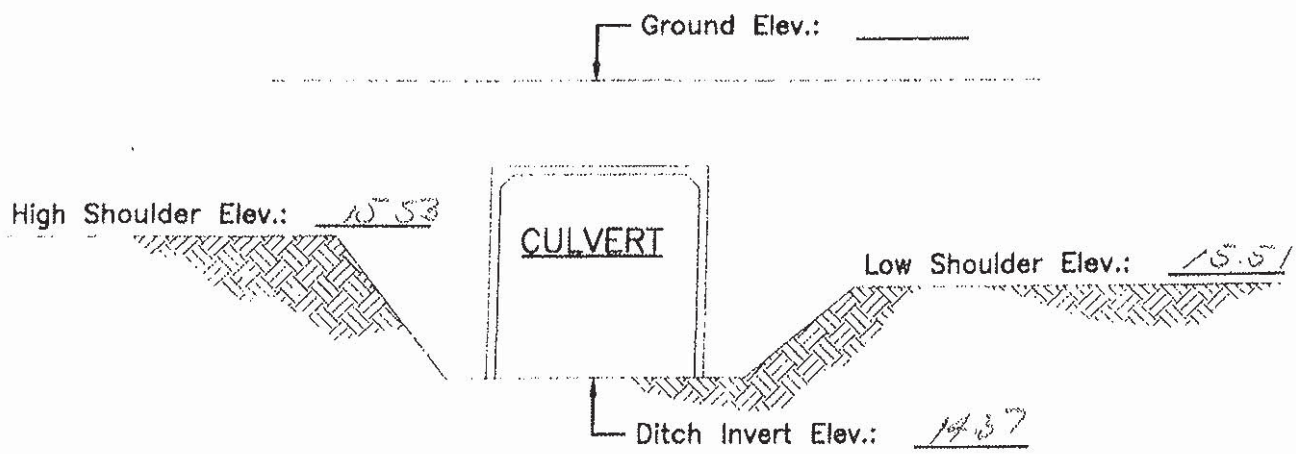
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN 19 FROM TOP OF PIPE EL: 16.21

(99)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-7650

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.P. FES

Date: 02-05-09

Surveyed By: R. DAVIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: /DOWN 1.90

Culvert Width/SIZE 18"

Culvert Type (circle one):
(Circ/) Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Side Slope (Horz/Vert):

Flow Direction (circle one):

Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 15.97

CULVERT

Low Shoulder Elev.: 15.94

Ditch Invert Elev.: 14.39

Additional description of the point location:

DOWN IS FROM TOP OF PIPE EL. = 16.72

(98)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 795-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.P. RES

Date: 02-05-09

Surveyed By: R. EDWINS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC

Culvert Depth: /DOWN 1.91

Culvert Width/SIZE 18"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 15.62

CULVERT

Low Shoulder Elev.: 15.62

Ditch Invert Elev.: 14.80

Additional description of the point location:

DOWN 15 FROM TOP OF PIPE AT: 16.42

113

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C955-C

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.P.

Date: 02-10-09

Surveyed By: R. EWNS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CONC.

Culvert Depth: / DOWN 4.03

Culvert Width / SIZE 36"

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 18.28

CULVERT

Low Shoulder Elev.: 16.18

Ditch Invert Elev.: 13.50

Additional description of the point location:

DOWN IS FROM TOP OF H/W @: 7.33

(125)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-985-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date: 02-02-09

Surveyed By: Rod Davis

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 15.11

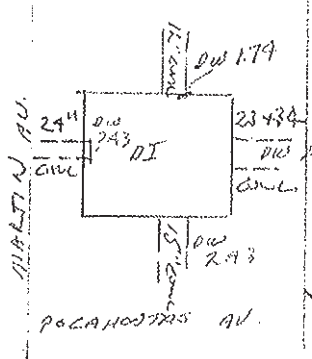
Flow Direction

Culvert Material:

Culvert Depth: / DOWN 2.43 / 1.74

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other




Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.:

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT | LAKE

Additional description of the point location:

DOWN IS FROM RIM

(108)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C3160-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SDMH

Date: 02-03-09

Surveyed By: R. LOWIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.66

Flow Direction

Culvert Material: Conc.

Culvert Depth: / DOWN 3.60

Culvert Width: / SIZE COULD NOT GET PIPE SIZE MH FULL OF WATER

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.: _____

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

COULD NOT GET PIPE SIZES MH FULL OF WATER

(107)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID #C32 10-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : CB

Date: 01-29-09

Surveyed By: R. EDWARDS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.34

Flow Direction

Culvert Material: CONC.

Culvert Depth: / DOWN 3.00

Culvert Width: / SIZE COULD NOT GET

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: NARROW ST

CULVERT

JUNCTION/INLET

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

COULD NOT GET SIZE OF PIPE

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

DOWN AS FROM RIM

(119)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C9020-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: OI

Date: 01-29-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 14.58

Flow Direction

Flow Direction

Culvert Material: Conc

Culvert Depth: / DOWN 3.14

Culvert Width: / SIZE 30" CP

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Hoover Av

30" CP

Invert In Elev.:

Invert Out Elev.:

Pocahontas Av

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

DOWN IS FROM RIM

(120)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-9040-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date: 01.29.09

Surveyed By: [illegible]

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 25.14

Flow Direction

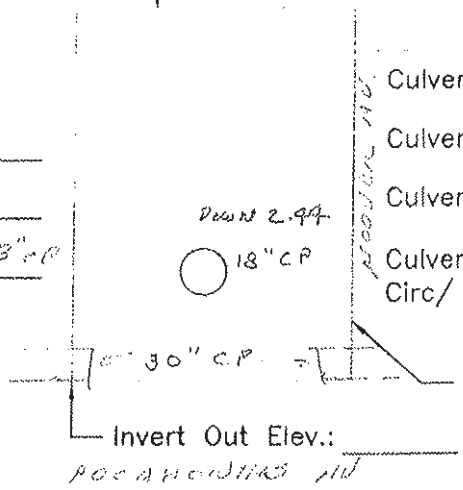
Culvert Material: CMC

Culvert Depth: DOWN 4.33

Culvert Width: SIZE 30"CP / 18"CP

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT




Invert Out Elev.: [illegible]

JUNCTION/INLET

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

CULVERT

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

OUTLET CULVERT

W.S. Elev.:

Invert Out Elev.:

Invert Elev.:

LAKE

Additional description of the point location:

DOWN 15 FROM RIM

(121)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID #G-9050-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 02-02-09

Surveyed By: Ron [illegible]

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 15.24

Flow Direction

Flow Direction

Culvert Material: CONC.

Culvert Depth: / DOWN 3.68

Culvert Width: / SIZE 24"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CONFLICT

4" CI

DOWN 2.30 FROM RIM TO TOP OF CI PIPE

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.:

POCAHONTAS AV.

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

DOWN IS FROM RIM

(109)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C 9120-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : C.B

Date: 01-29-09

Surveyed By: RON ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.87

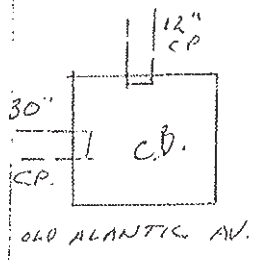
Flow Direction

Culvert Material: CONC.

Culvert Depth: / DOWN 2.90

Culvert Width: / SIZE 30" CP & 12" CP

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other




Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.:

CULVERT JUNCTION/INLET CULVERT

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.:

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

DOWN 15 FROM RIM

(111)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-9160-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 01-29-09

Surveyed By: R. Davis

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 18.28

Flow Direction

Culvert Material: CONC.

Culvert Depth: / DOWN 4.76

Culvert Width: / SIZE COULD NOT GET

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

CULVERT

JUNCTION/INLET

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

COULD NOT GET PIPE SIZES

CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT

LAKE

Additional description of the point location:

DOWN IS FROM RIM

(112)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C-9170-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 01-29-09

Surveyed By:

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 19.32

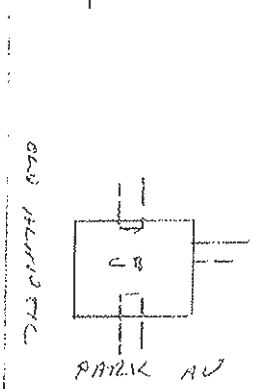
Flow Direction

Culvert Material: Conc

Culvert Depth: DOWN 5.95

Culvert Width: SIZE COULD NOT GET

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other




Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.:

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT | LAKE

Additional description of the point location:

DOWN 15 FROM BOH

(110)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-9200-6

~~Location/Nearest Intersection~~: STRUCTURE TYPE: C.B.

Date: 01-29-09

Surveyed By: R. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: conc.

Culvert Depth: / DOWN 3.39

Culvert Width / SIZE ——

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

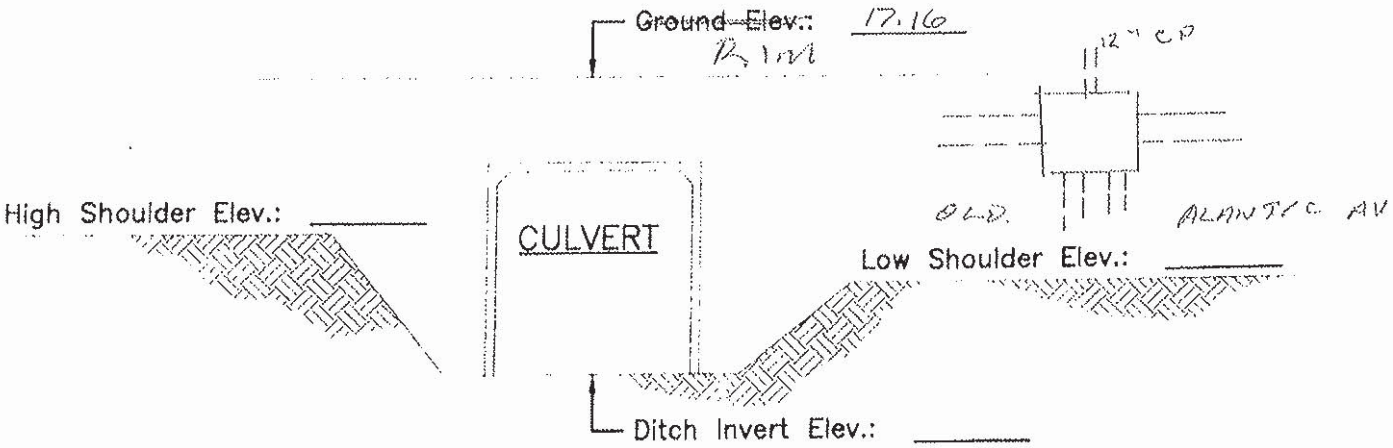
Side Slope (Horz/Vert): _____

CULVERT

DITCH

COULD NOT GET PIPE SIZES

~~Ground Elev.~~: 17.16 Rim




Additional description of the point location:

DOWN 15 FROM RIM

(25)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C165-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: MH

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width: /SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

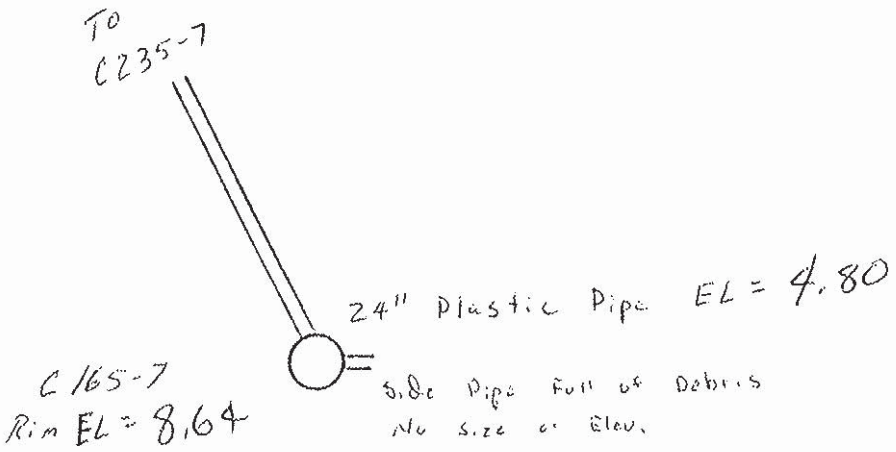
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

(25)


To
C235-7
24" Plastic Pipe EL = 4.80
C165-7
Rim EL = 8.64
Side Pipe Full of Debris
No Size or Elev.

(80)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C175-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Ground

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Ground

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 9.78

Flow Direction (circle one): ← →

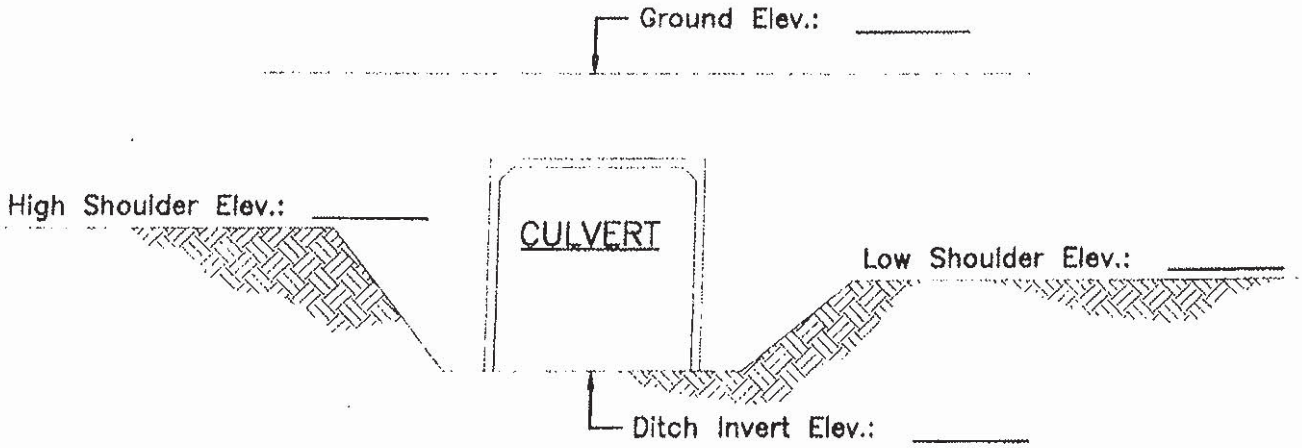
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Ground Shot EL = 9.78

No Structure Found

(81)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C185-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Ground

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Ground

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 8.77

Flow Direction (circle one): ← →

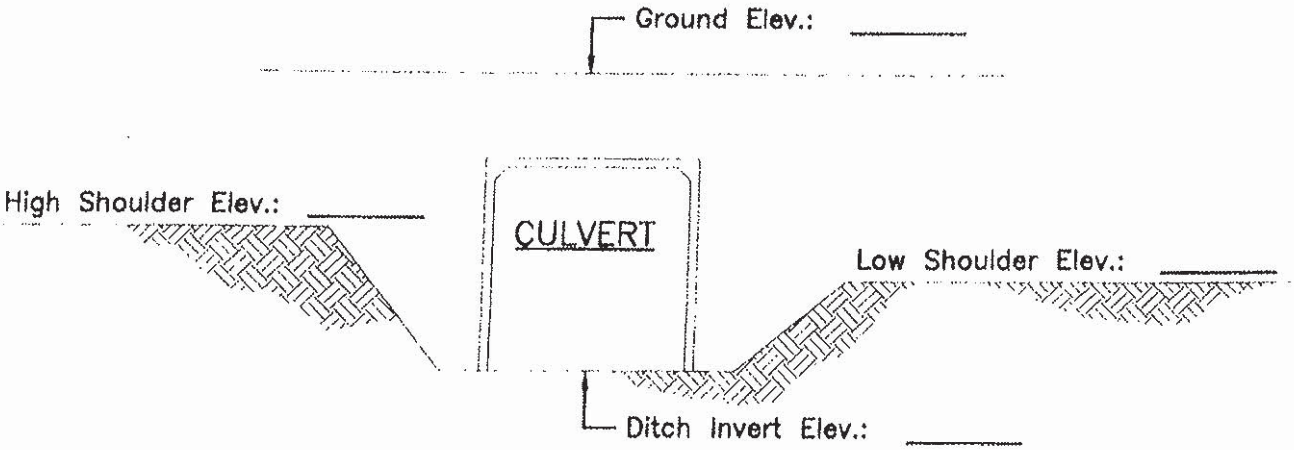
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Ground Shot EL = 8.77

No structure Found

(82)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C195-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Ground

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Ground

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 8.11

Flow Direction (circle one): ← →

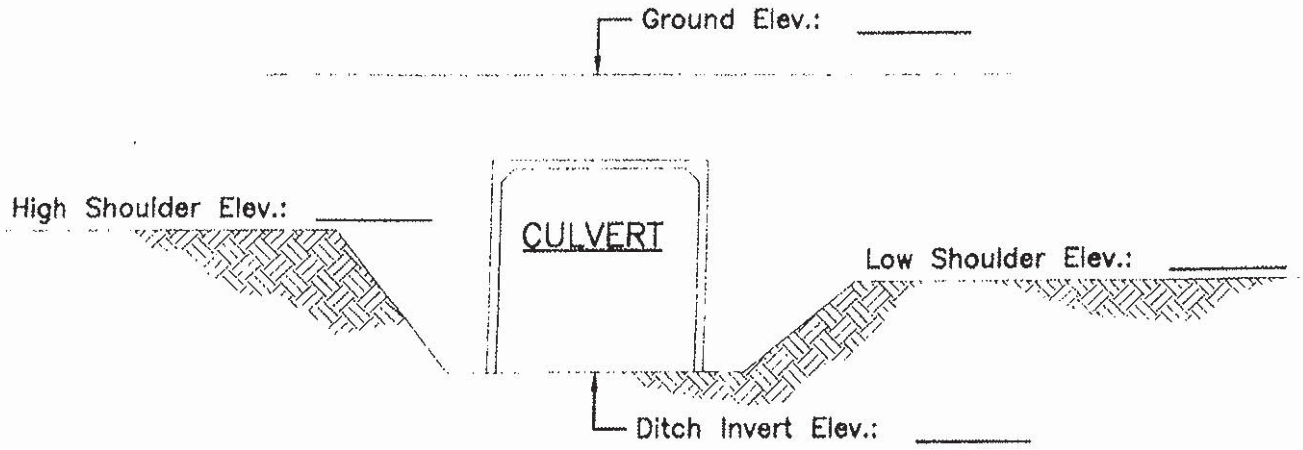
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Ground Shot EL = 8.11

No structure Found

83

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C205-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Ground

Date: 2/12/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Ground

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 9.55

Flow Direction (circle one): ← →

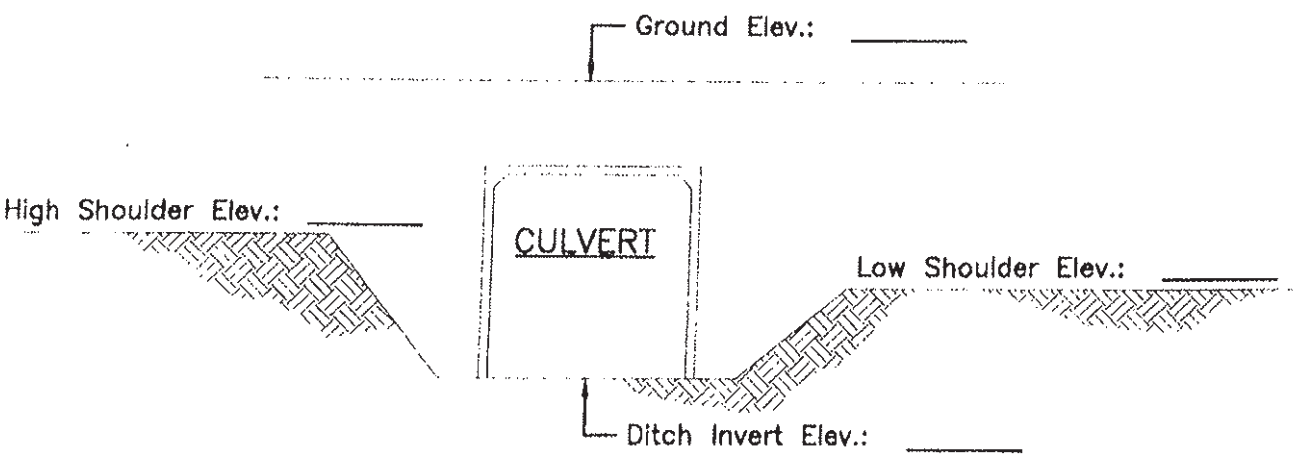
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Ground Shot EL = 9.55

No Structures Found

(84)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C215-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Ground

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Ground Shot

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 9.77

Flow Direction (circle one): ← →

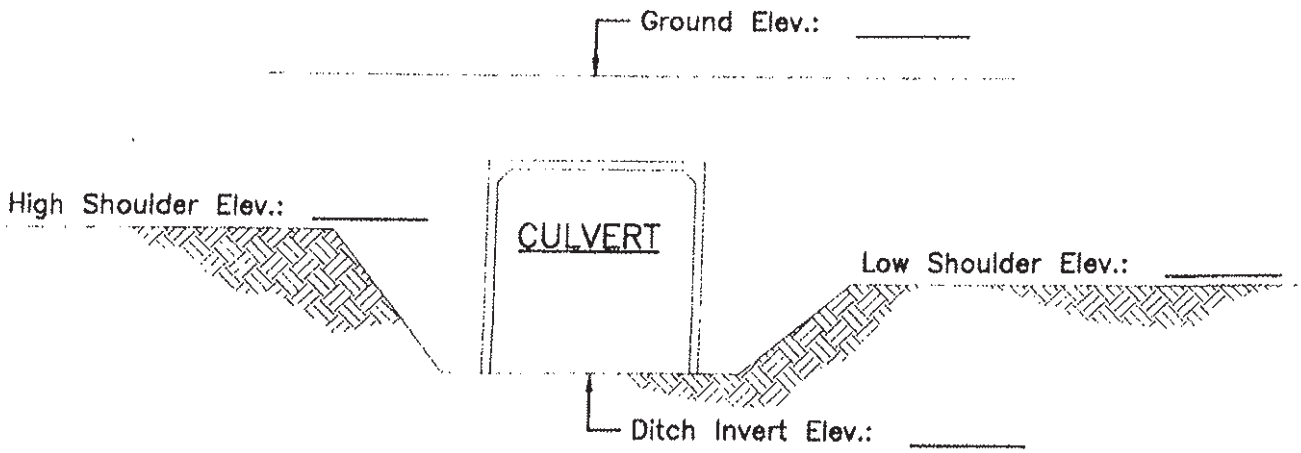
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH




Additional description of the point location: Ground Shot El = 9.77

No structures found

(85)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C2255-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Metal / Pipe

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Metal

Culvert Depth: / DOWN

Culvert Width / SIZE 30"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 1.84

30" Metal INV / Pipe

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

(24)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # 0235-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: MH

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width: /SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

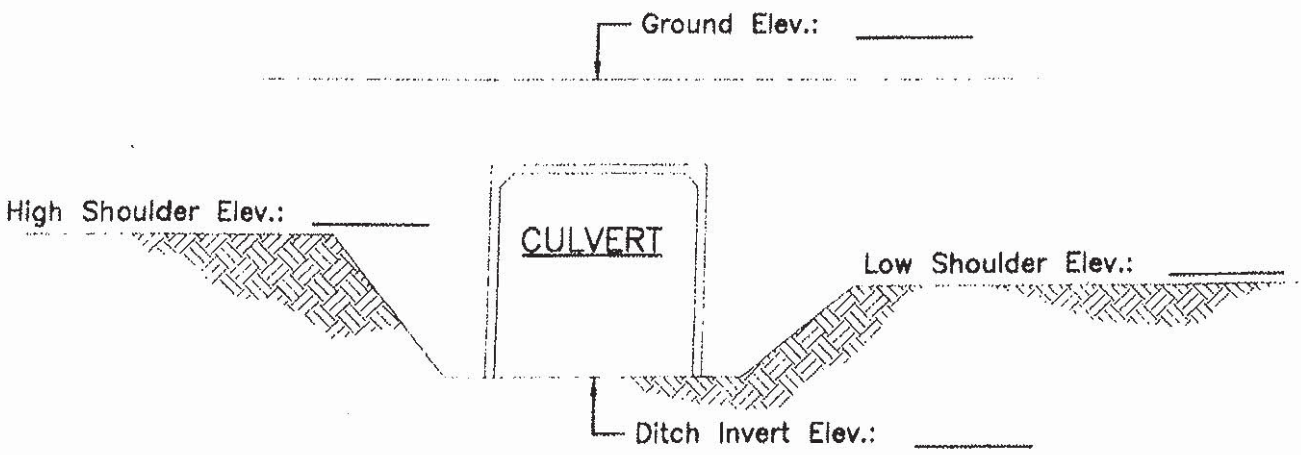
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

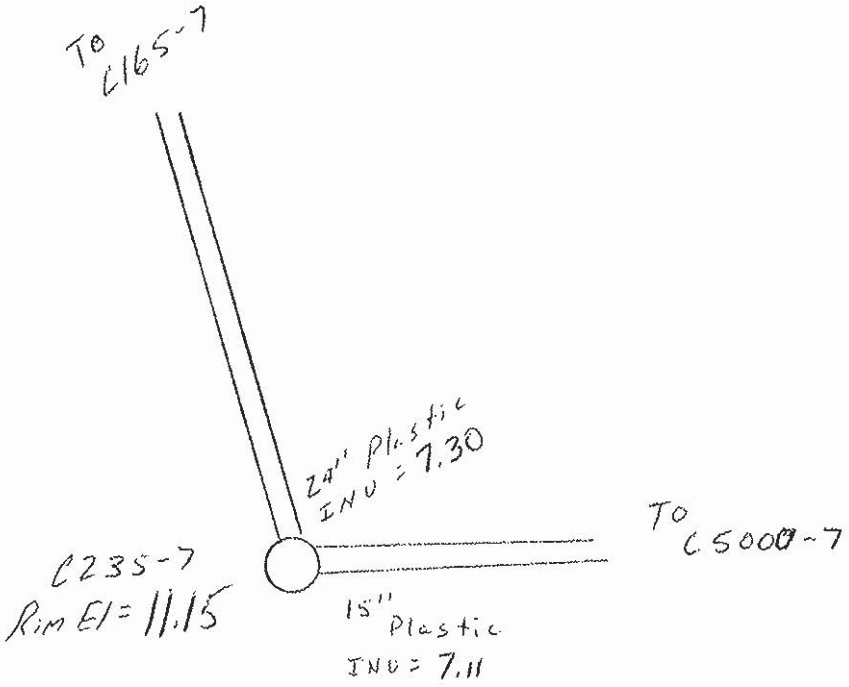
DITCH




Additional description of the point location:

OVER

24


TO C165-7
24" Plastic
INV = 7.30
TO C5000-7
C235-7
Rim El = 11.15
15" Plastic
INV = 7.11

(30)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C245-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Concrete Pipe

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Concrete

Culvert Depth: /DOWN

Culvert Width/SIZE 24"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: INV -1.82

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Goes To C265-7

(31)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # 65250-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Conflict SMH

Date: 2/12/09

Surveyed By: BJC / RPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

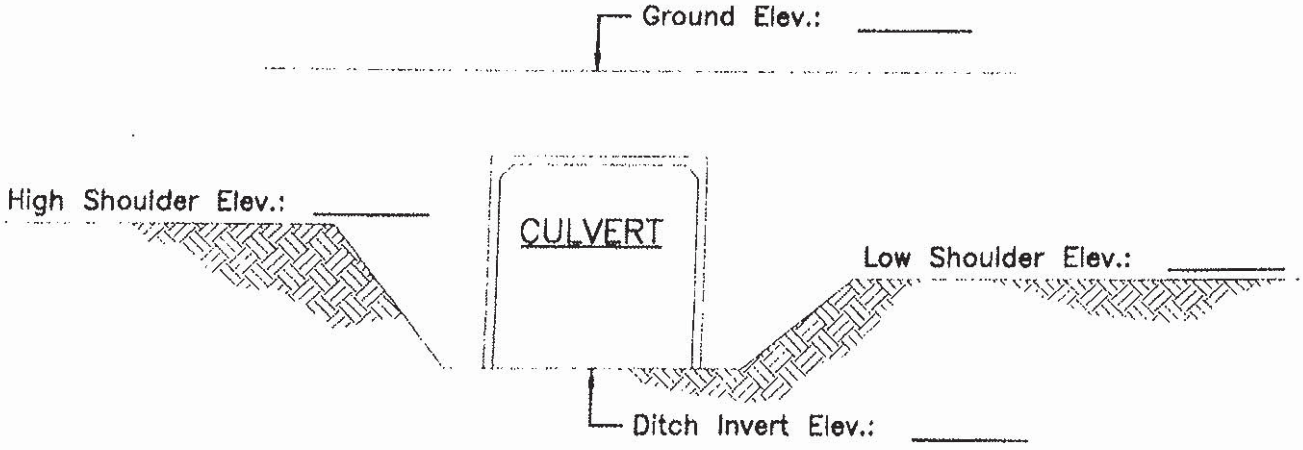
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

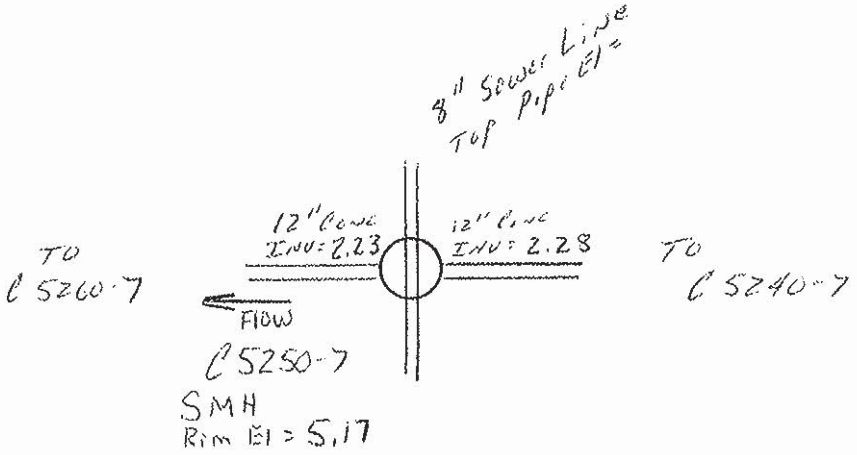
DITCH




Additional description of the point location:

OVER

(31)


8" Sewer Line
Top Pipe El =
12" Conc
INV = 2.23
12" Conc
INV = 2.28
TO
C 5260-7
FLOW
TO
C 5240-7
C 5250-7
SMH
Rim El = 5.17

28

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C255-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN 4.71

Culvert Width/SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -1.57
Bottom DI

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

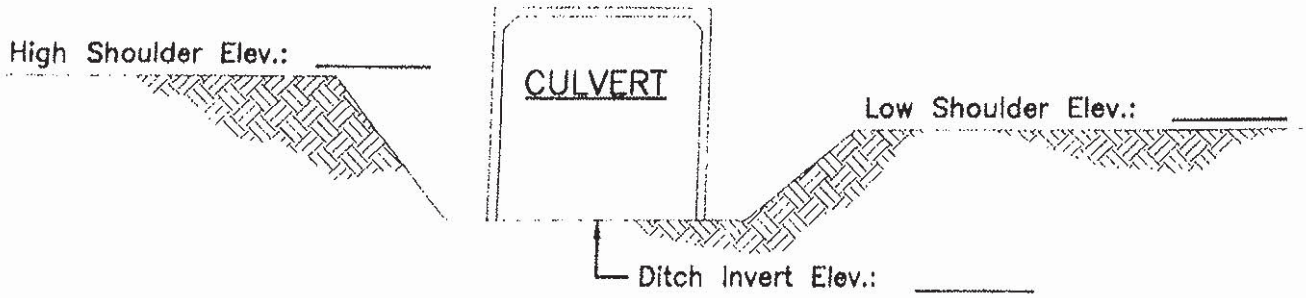
Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

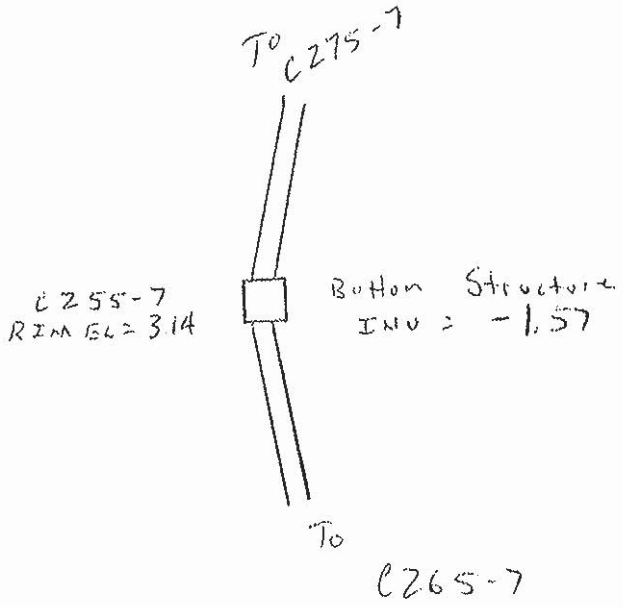



Additional description of the point location: Structure Full of Water

Connects To C275-7 & C265-7

OVER

28



(29)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C265-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN 4.89

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -2.01 Bottom DI

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

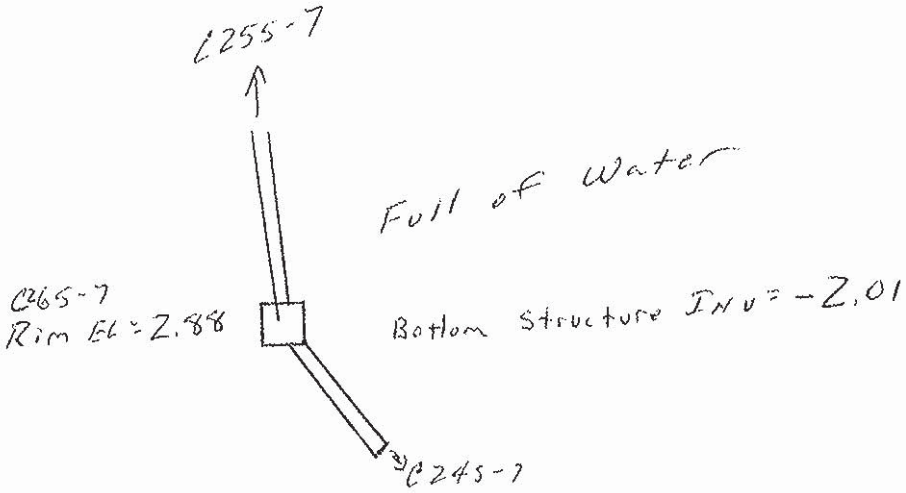
Ditch Invert Elev.: _____

Additional description of the point location: Structure Full of Water

Connects To C245-7 & C255-7

Over

29


C255-7
Full of Water
C265-7
Rim El = 2.88
Bottom Structure INV = -2.01
C245-7

(34)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C275-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material:

Culvert Depth: /DOWN 6.02

Culvert Width/SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -0.01
Bottom SMH

Flow Direction (circle one):

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.:

CULVERT

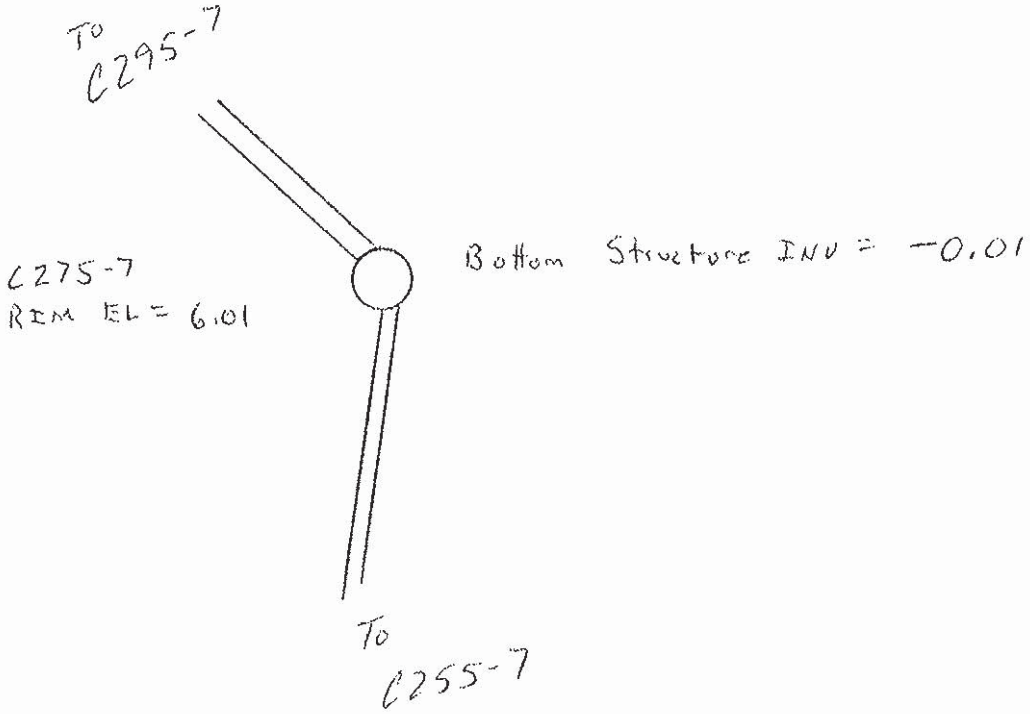
Low Shoulder Elev.:

Ditch Invert Elev.:

Additional description of the point location: Structure Full of Water
Connects To C255-7 & C295-7

OVER

34



(86)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C295-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/12/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN 4.83

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 0.58 Bottom DI

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

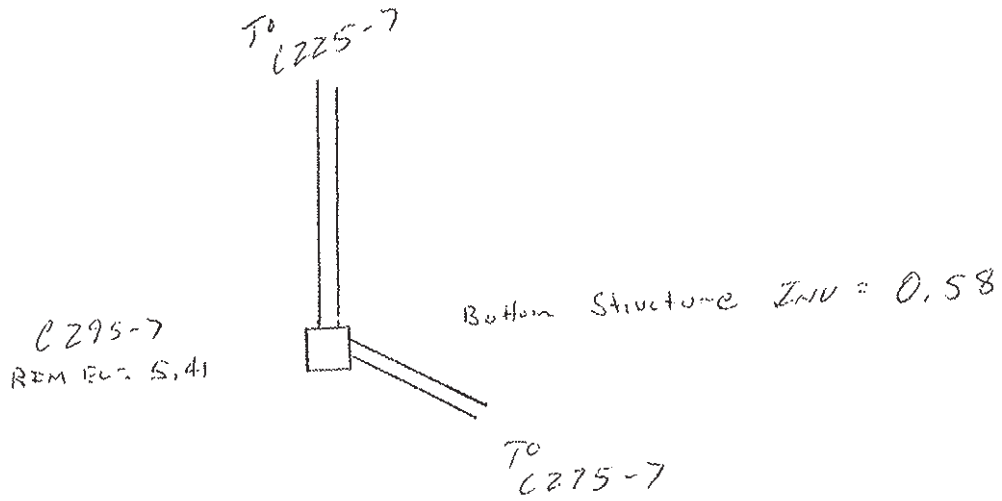
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Car Parked on Structure, looked To be Full of Water! Connects to C275-7 & ~~[illegible]~~ C225-7

OVER

86


To C225-7
Bottom Structure INV = 0.58
C295-7
RIM Elev. 5.41
To C275-7

26

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C305-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DE

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Concrete

Culvert Depth: / DOWN 1.22

Culvert Width / SIZE 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: 2.52 INV

12" Conc. Pipe

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

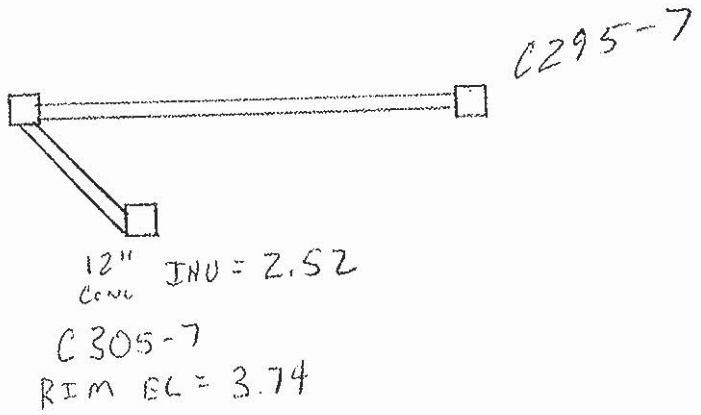
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

26



(23)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # 15000-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: MH

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width: /SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

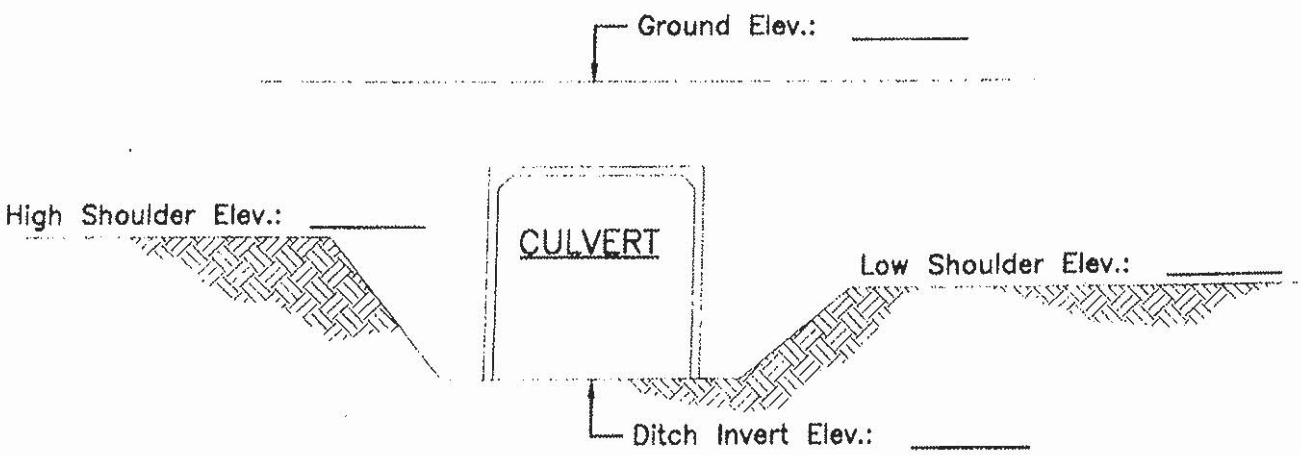
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

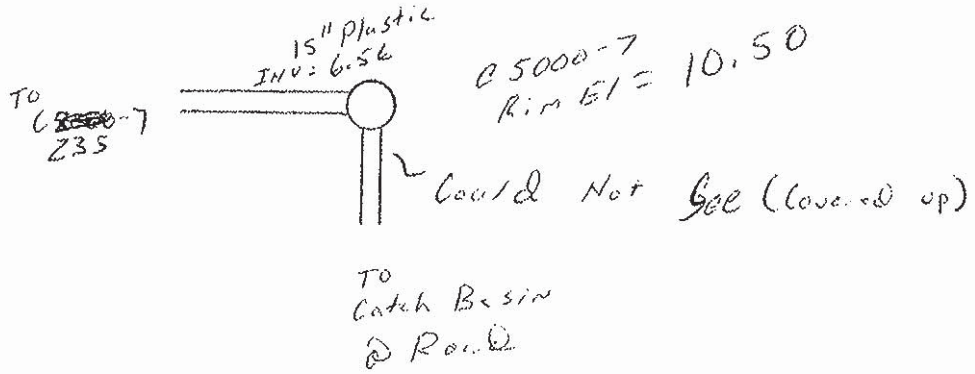
DITCH




Additional description of the point location:

OUER

23


15" plastic
INV: 6.56
TO
C 5000-7
235
C 5000-7
Rim El = 10.50
Could Not See (covered up)
TO
Catch Basin
@ Road

(33)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # CS110-2

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

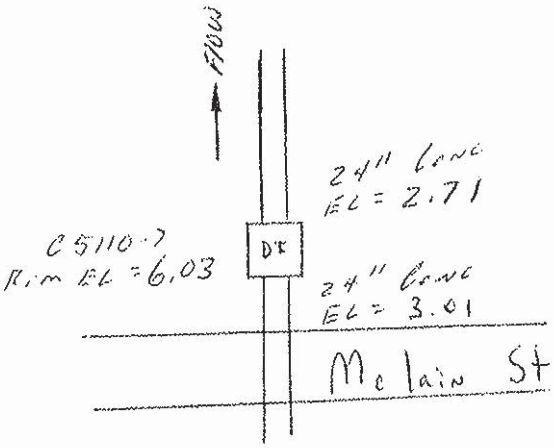
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

33


FLOW
24" Conc
EL = 2.71
C5110-7
Rim EL = 6.03
DI
24" Conc
EL = 3.01
McLain St

(27)

Project: SOUTH NORFOLK

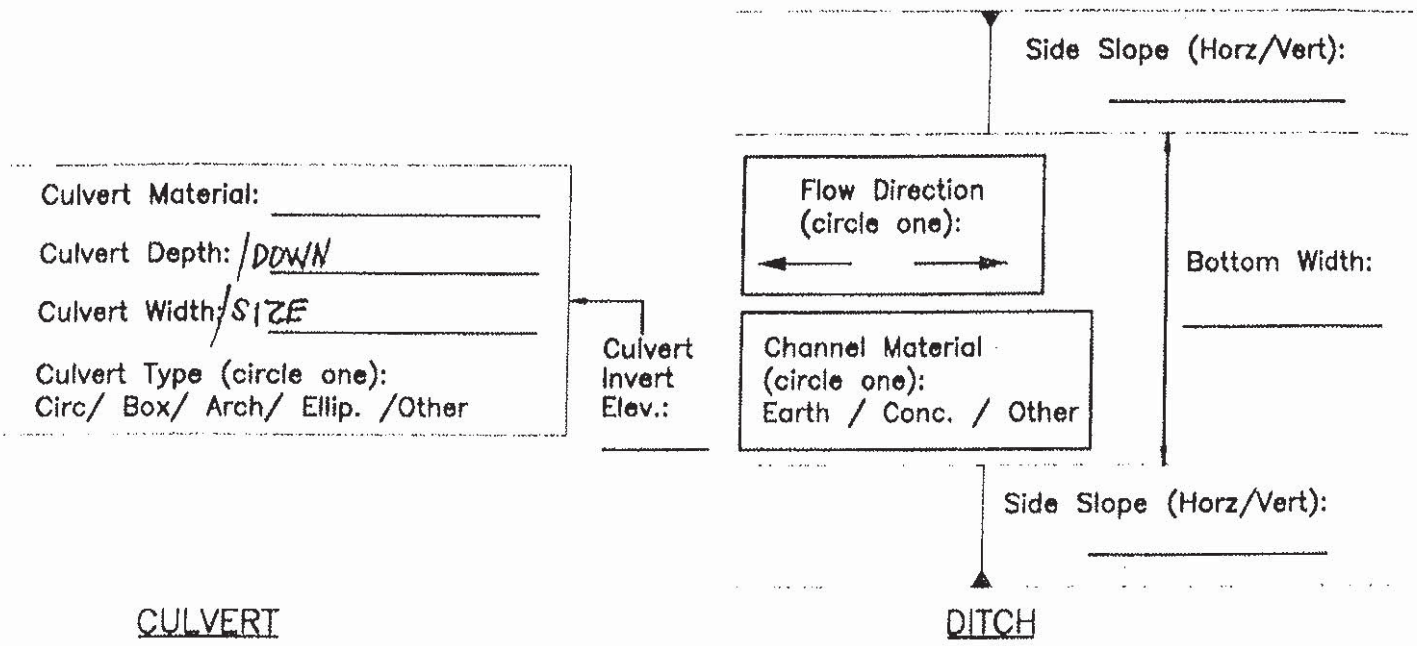
~~Node/Point #~~: GIS-ID # CS240-7

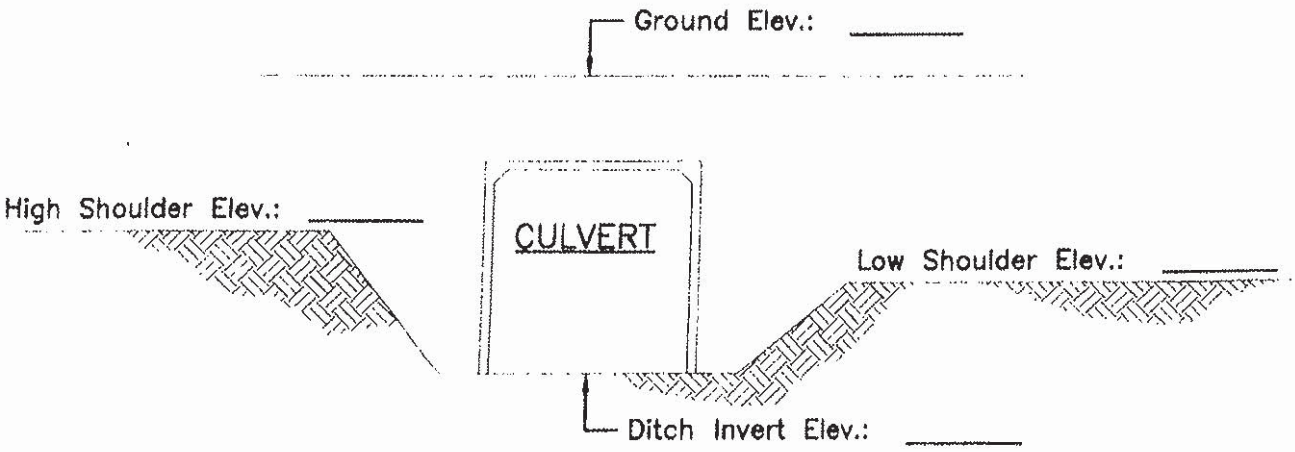
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

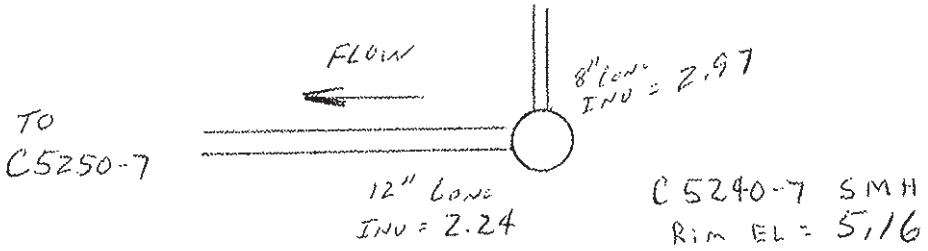



Additional description of the point location:

OVER

27


FLOW
8" CONC
INV = 2.97
TO
C5250-7
12" CONC
INV = 2.24
C5240-7 SMH
RIM EL = 5.16

(32)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C5260-7

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN _____

Culvert Width / SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

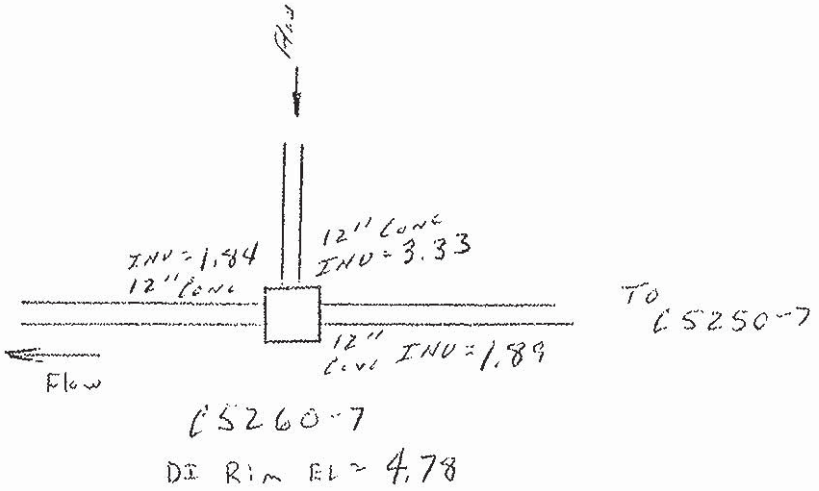
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

DUER

(32)


Flow
INV = 1.84
12" Conc
12" Conc
INV = 3.33
TO
C5250-7
12" Conc
INV = 1.89
C5260-7
DI Rim EL = 4.78

133

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C 815-8

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.M. PIPE

Date: 01-29-09

Surveyed By: R. CLONTS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: C.M

Culvert Depth: /DOWN 2.57

Culvert Width/SIZE 30"

Culvert Type (circle one):
(Circ)/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: 14.71

CULVERT

Low Shoulder Elev.: 13.99

Ditch Invert Elev.: 13.37

Additional description of the point location:

DOWN IS FROM TOP OF PIPE EL: 13.91

132

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-825-6

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CONC PIPE

Date: 01-29-09

Surveyed By: B. CUNNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: CONC

Culvert Depth: / DOWN 2.24

Culvert Width: / SIZE 24"

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one):
← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 14.12

CULVERT

Low Shoulder Elev.: 13.99

Ditch Invert Elev.: 10.13

Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL = 12.16)

(128)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID # C835-8

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date:

Surveyed By:

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 1494

Flow Direction

Culvert Material: COULD NOT OPEN

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

(134)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID #C345-3

~~Location/Nearest Intersection:~~ STRUCTURE TYPE : DI

Date: 02-27-09

Surveyed By: B. JONES

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 15.87

Flow Direction

Culvert Material: COULD NOT OPEN

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

(127)

Project: SOUTH NORFOLK

~~Node/Point~~ #: GIS-ID #C855-8

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: MH

Date: 02-26-09

Surveyed By: R. GUNN

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 17.50

Flow Direction

Culvert Material: COULD NOT OPEN

Culvert Depth: / DOWN

Culvert Width: / SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

CULVERT

JUNCTION/INLET

Flow Direction

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

OUTLET CULVERT

W.S. Elev.: _____

Invert Out Elev.: _____

Invert Elev.: _____

LAKE

Additional description of the point location: _____

(130)

Project: SOUTH NORFOLK C865-8

~~Node/Point #~~: GIS-ID # ~~C875-8~~

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C.M. PIPE

Date: 01-30-09

Surveyed By: R GUNNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CM

Culvert Depth: / DOWN 3.55

Culvert Width / SIZE 42"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

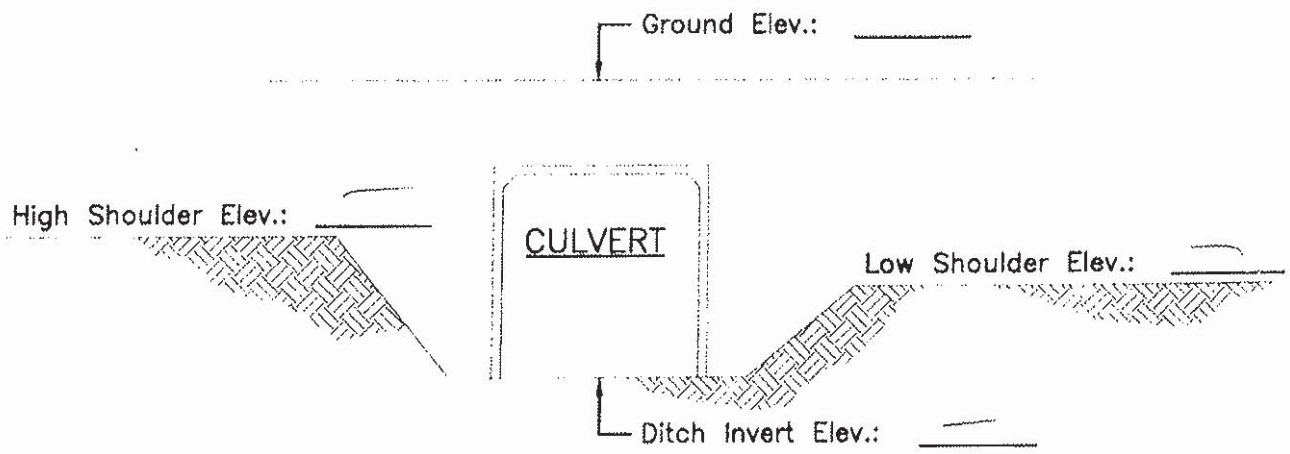
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM (TOP OF PIPE EL: 13.65)

(131)

Project: SOUTH NORFOLK C-875-8

Date: 01-22-09

~~Node/Point #~~: GIS-ID # ~~C-865-8~~

Surveyed By: R. DUNN

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CM PIPE

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: CM

Culvert Depth: / DOWN 2.57

Culvert Width / SIZE 80"

Culvert Type (circle one):
(Circ) / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

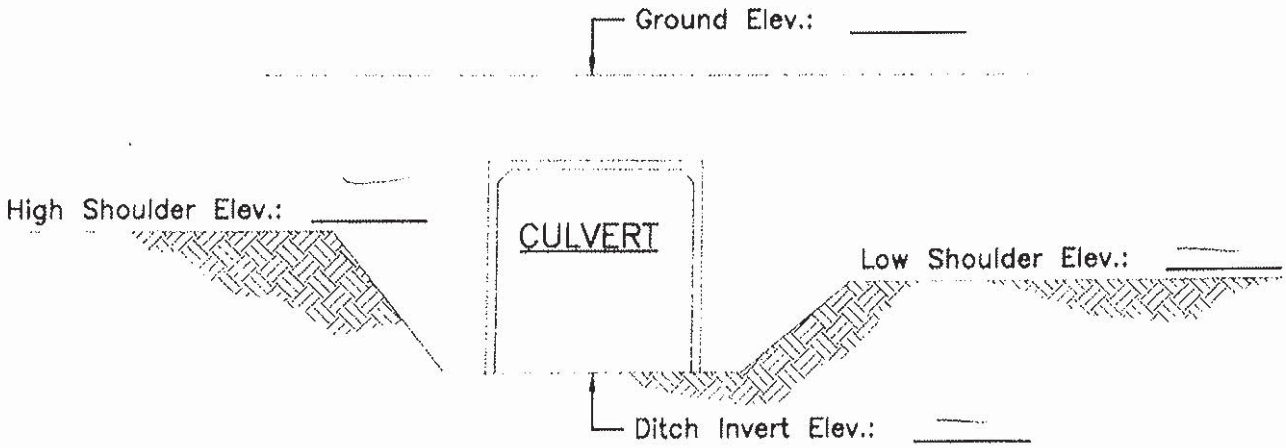
Side Slope (Horz/Vert):

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH




Additional description of the point location:

DOWN IS FROM TOP OF PIPE EL = 12.54

(129)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C-885-E

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CM PIPE

Date: 01-29-09

Surveyed By: B. ENNIS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert):

Culvert Material: C.M.

Culvert Depth: / DOWN 3.06

Culvert Width / SIZE 36" CM

Culvert Type (circle one):
Circ / Box / Arch / Ellip. / Other

Culvert Invert Elev.:

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width:

Side Slope (Horz/Vert):

CULVERT

DITCH

Ground Elev.:

High Shoulder Elev.: 15.81

CULVERT

Low Shoulder Elev.: 15.58

Ditch Invert Elev.: 9.68

Additional description of the point location:

DOWN 3 FROM (TOP OF PIPE EL = 12.67)

(79)

Project: SOUTH NORFOLK

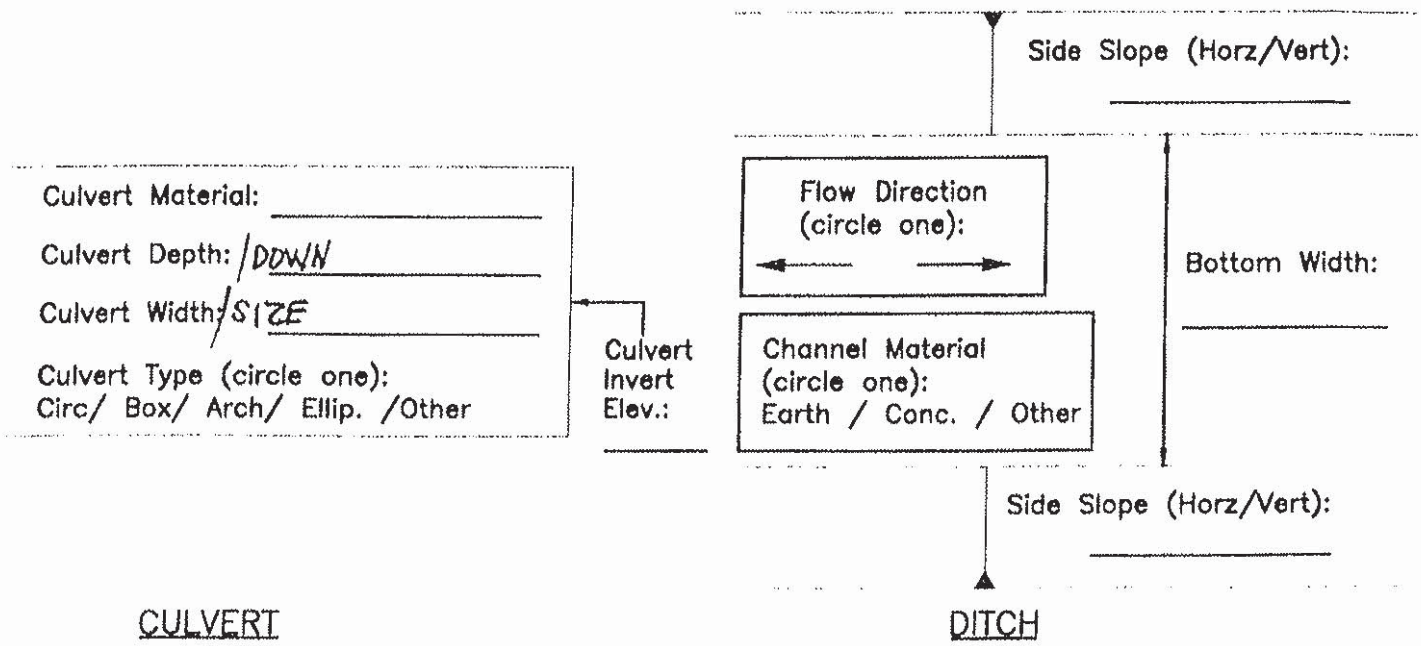
~~Node/Point #~~: GIS-ID # CZ200-8

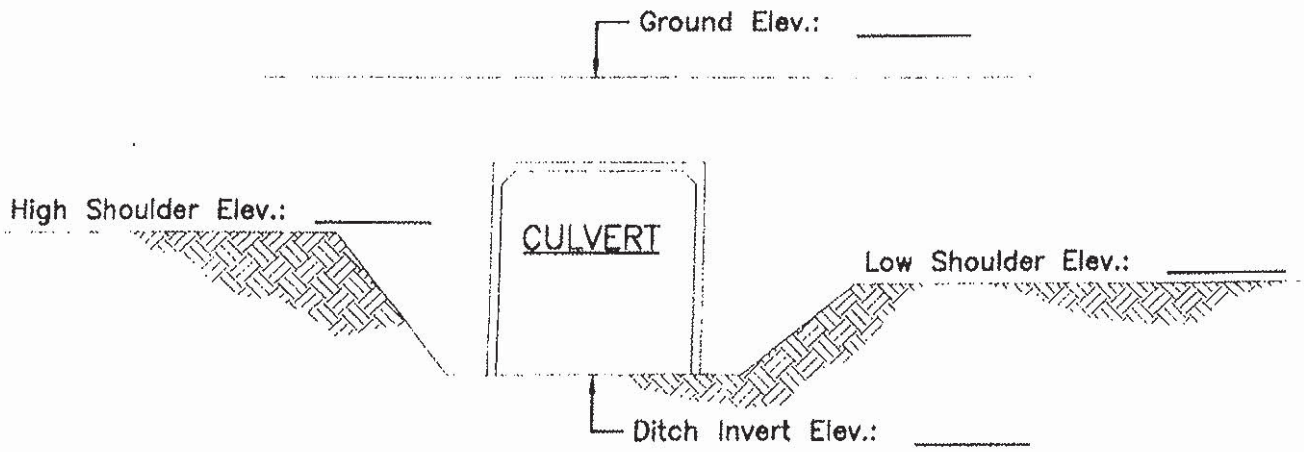
~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.



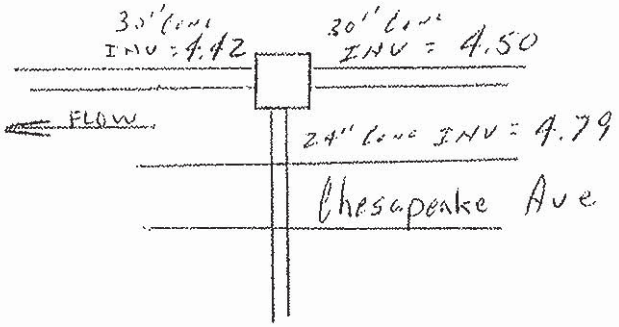




Additional description of the point location:

OVER

79

C2200-8
CB RIM EL = 9.33



(78)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C2540-8

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: DI

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

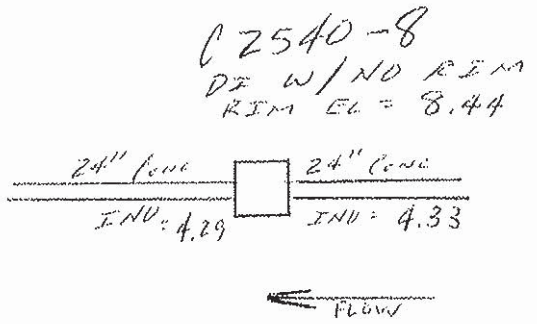
Ditch Invert Elev.: _____

Additional description of the point location: Behind Oscar Smith Middle School

No Lid on structure

OVER

78




Oscar Smith
Middle School

76

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C250A-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BSC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: /DOWN

Culvert Width/SIZE

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Side Slope (Horz/Vert): _____

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

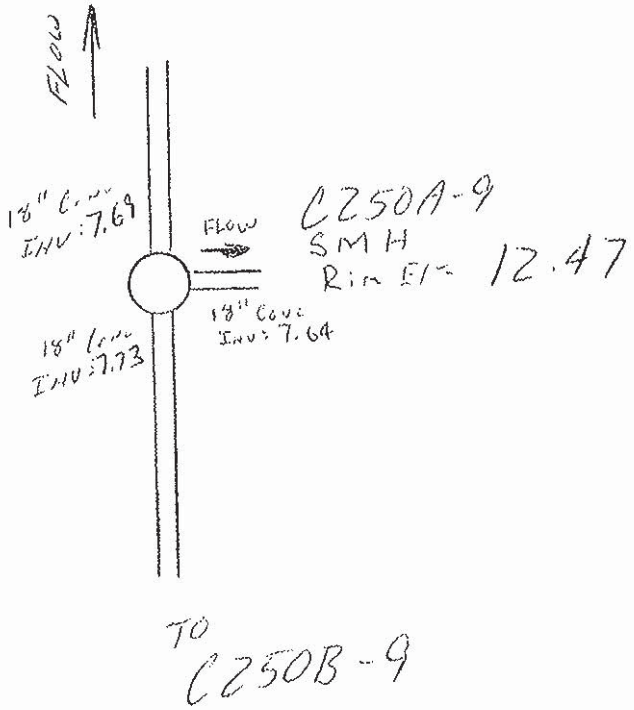
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

76


FLOW
18" Conc
INV: 7.69
FLOW
C250A-9
SMH
Rim El: 12.47
18" Conc
INV: 7.64
18" Conc
INV: 7.73
TO
C250B-9

(77)

Project: SOUTH NORFOLK C250B-9

~~Node/Point #~~: GIS-ID # ~~C250A-9~~

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: SMH

Date: 2/11/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width: /SIZE _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one):
Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

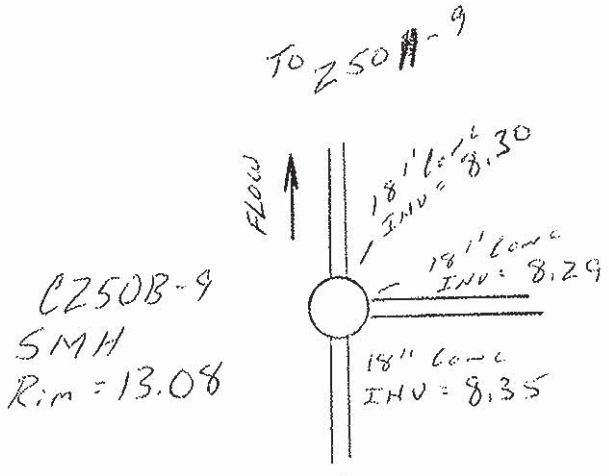
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location:

OVER

79


TO Z50A-9
FLOW
18" Conc
INV = 8.30
18" Conc
INV = 8.29
18" Conc
INV = 8.35
CZ50B-9
SMH
Rim = 13.08

88

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C360-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width/SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

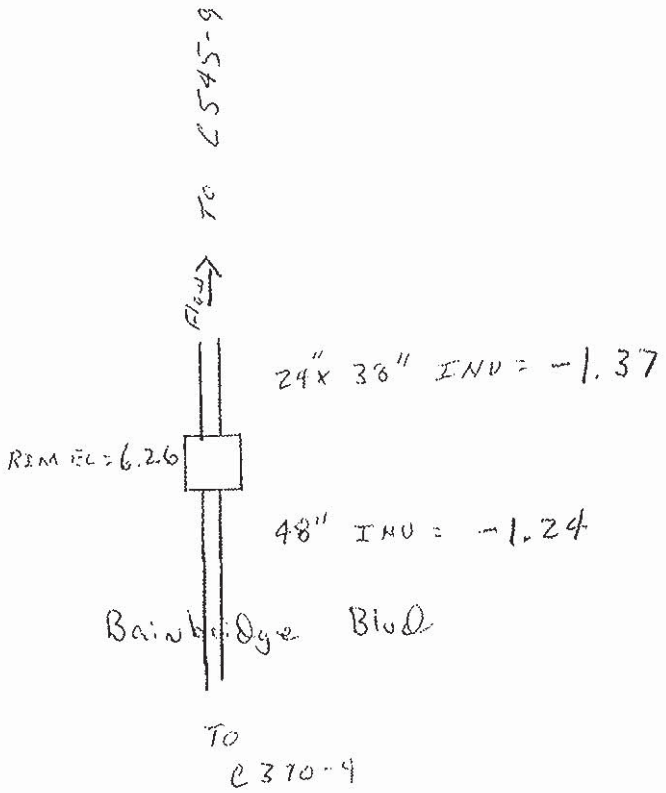
Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: [illegible]

Over

88


Flow
To C545-9
24" x 38" INV = -1.37
RIM EL = 6.26
48" INV = -1.24
Bainbridge Blvd
To
C370-4

(87)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C370-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/12/09

Surveyed By: BJC/BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Culvert Material: _____

Culvert Depth: /DOWN 7.56

Culvert Width: /SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: -2.06 Bottom CB

Side Slope (Horz/Vert): _____

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: ~~Point Header~~

Could Not Get Pipes: Structure Full of Water

(87)

☐ ℄ Down Structure
INV = -2.06

C370-9
Catch Basin
Rim EL = 5.50

(89)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C535-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: C535-9 Pipe

Date: 2/12/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: / DOWN

Culvert Width / SIZE

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: INV: -2.32

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Pipe under Water Could Not Get Size Connects To C370-9

OVER

(90)

Project: SOUTH NORFOLK

~~Node/Point #~~: GIS-ID # C545-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: Pipe

Date: 2/12/2009

Surveyed By: BJC, BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: Concrete

Culvert Depth: / DOWN

Culvert Width / SIZE 24" x 38"

Culvert Type (circle one): Circ/ Box/ Arch/ (Ellip.) /Other

Culvert Invert Elev.: -1.50

Flow Direction (circle one): ← →

Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: [illegible]

(75)

Project: SOUTH NORFOLK C605-9

~~Node/Point #~~: GIS-ID # C605-9

~~Location/Nearest Intersection:~~ STRUCTURE TYPE: CB

Date: 2/11/09

Surveyed By: BJC / BPW

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Side Slope (Horz/Vert): _____

Culvert Material: _____

Culvert Depth: /DOWN _____

Culvert Width: /SIZE _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Culvert Invert Elev.: _____

Flow Direction (circle one): ← →

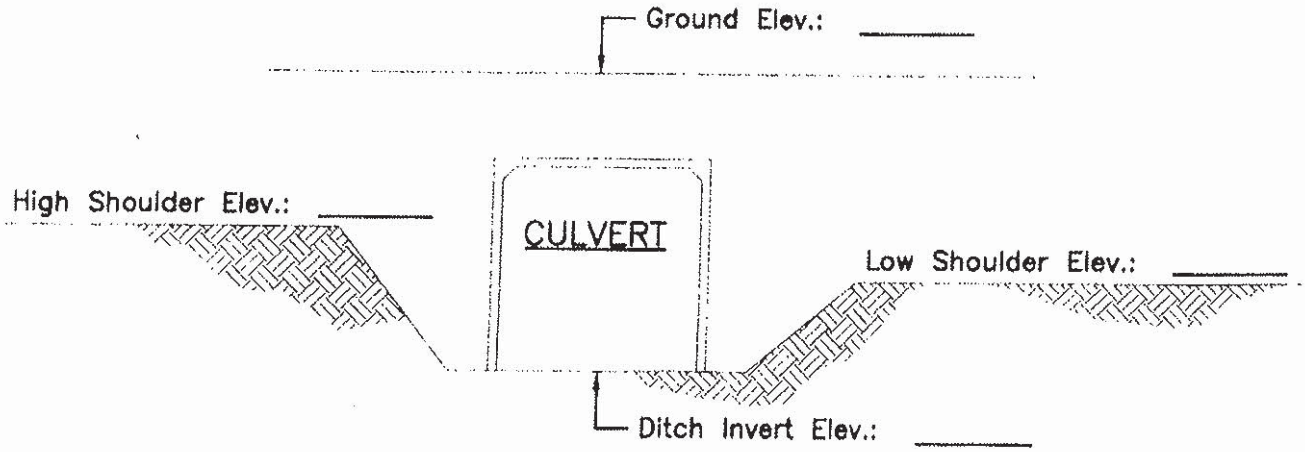
Channel Material (circle one): Earth / Conc. / Other

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH



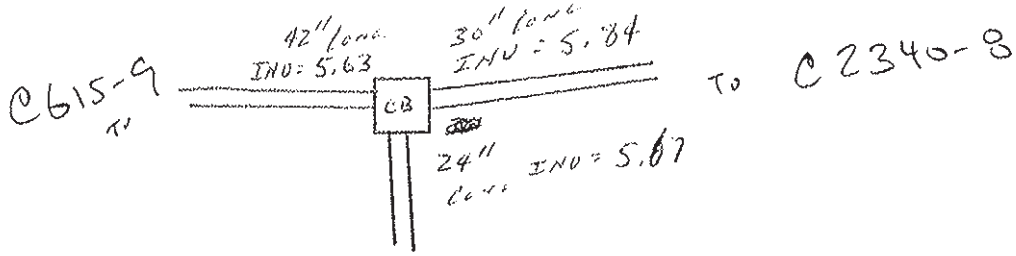

Additional description of the point location: Behind 1305 Eastwood Ave

OVER

75

605-9

C615-9 CB Rim EL = 9.64




HSE # 1305 TO C260A-9

Y 307

Project: S.N. WATERSHED

Date: 6-9-08

Node/Point #: 1149

Surveyed By: Meekins

Location/Nearest Intersection: 63

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.19

Flow Direction

Culvert Material: CON PIPE

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: ~~24"~~ CONC. PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 11.94

Invert Out Elev.: 11.86

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

Y 307

Project: S.N. WATERSHED

Date: 6-9-08

Node/Point #: 1147

Surveyed By: Meekins

Location/Nearest Intersection: 63

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.09

Flow Direction

Culvert Material: CONC. PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: CONC. PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 12.09

Invert Out Elev.: 12.21

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

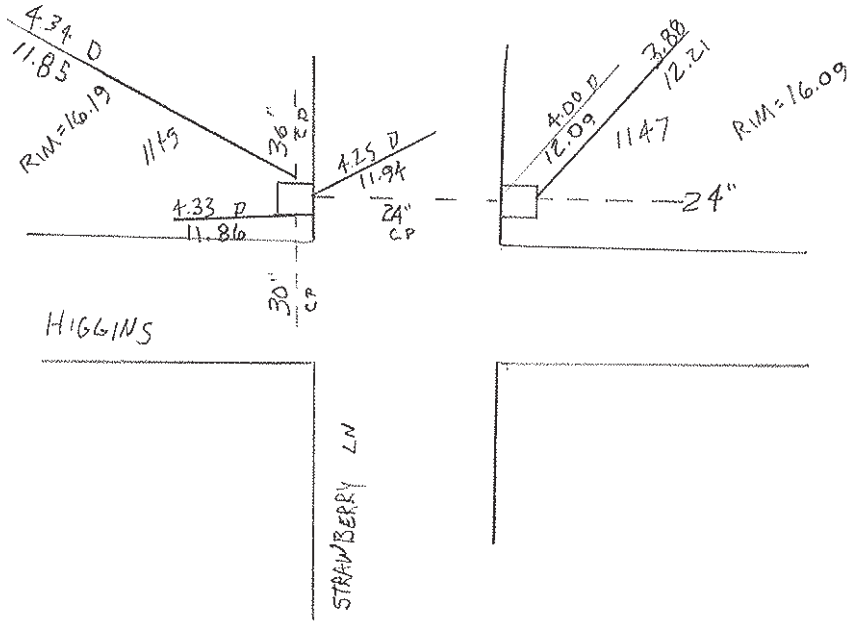
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

Y307




| | | | | |
|---|---|---|---|---|
| | | | | 16.09 RIM #1147 |
| | 5.64 | 21.73 | 5.54 | 16.19 RIM #1149 |
| | 5.94 | 22.13 | 4.97 | 17.16 |
| | 5.18 | 22.34 | 4.29 | 18.05 |

Project: S.N. WATERSHED

Node/Point #: 1165

Location/Nearest Intersection: 64

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: COR. METAL PIPE

Culvert Depth: 21'

Culvert Width: 21"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

21" COR. MET. PIPE

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

~~Invert In Elev.:~~ _____

Invert Out Elev.: 13.57

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

1165 - 1167 are NOT connected

Project: S.N. WATERSHED

Node/Point #: 1167

Location/Nearest Intersection: 65

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.77

Flow Direction

Culvert Material: CONC

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 9.49

Invert Out Elev.: 9.36

CULVERT JUNCTION/INLET CULVERT

Flow Direction

Culvert Material: CONC

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

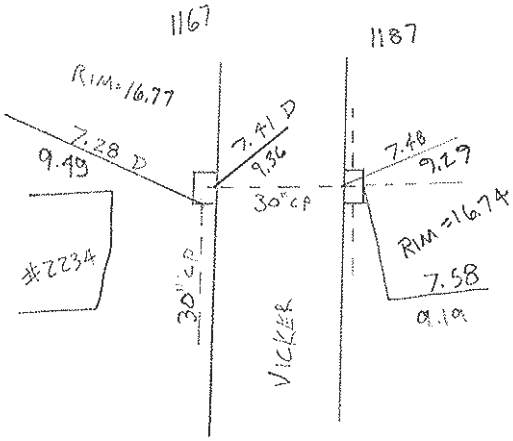
Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

| | - HI | + | EL |
|---|---|---|---|
| | | | 18.35 |
| 5.98 | 24.33 | 3.13 | 13.57 |
| 0.64 | 21.84 | 5.75 | 21.20 |
| 6.26 | 22.35 | 5.20 | 16.09 |
| 5.14 | 22.29 | 4.24 | 17.15 |
| | | | 18.05 |

Spike in PP UK64 @ VICKER AVE & VINCENT ST




1165

21" METAL PIPE

INVEL= 13.57

TO TOP

1.81

Project: S.N. WATERSHED

Node/Point #: 1187

Location/Nearest Intersection: 65

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.74

Flow Direction ←

Culvert Material: CONC

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: CONC.

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 9.29

Invert Out Elev.: 9.19

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

Project: SONO WATERSHED

Node/Point #: 1273/1275

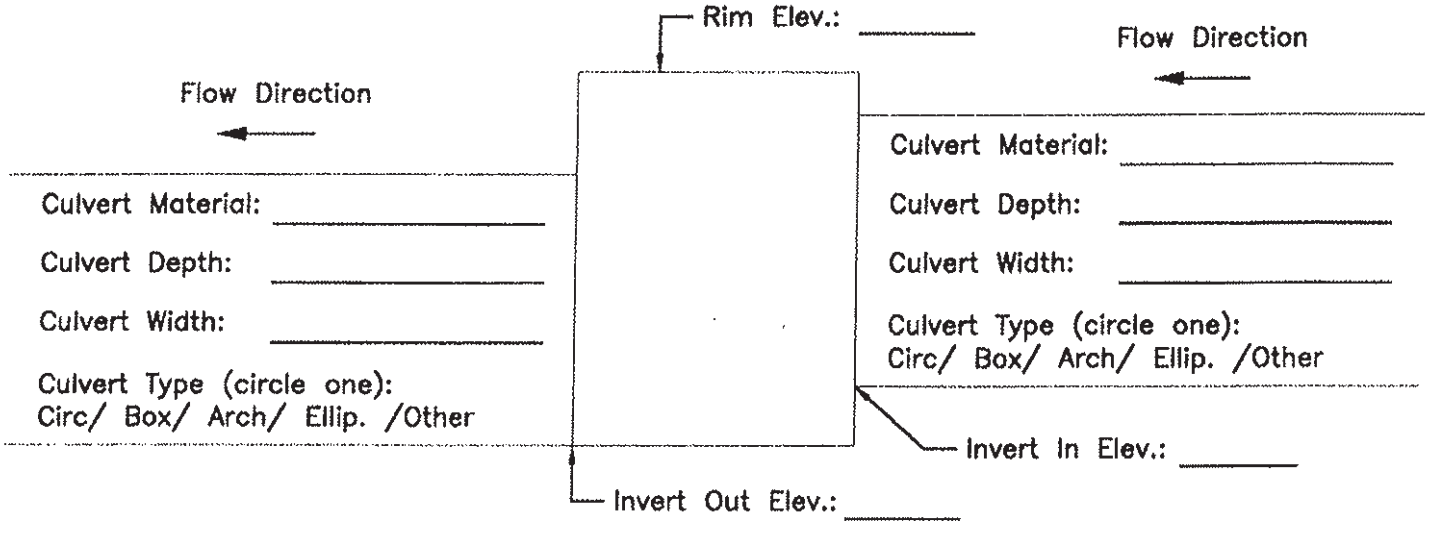
Location/Nearest Intersection: LOC # 43

Date: 9 JUNE 08

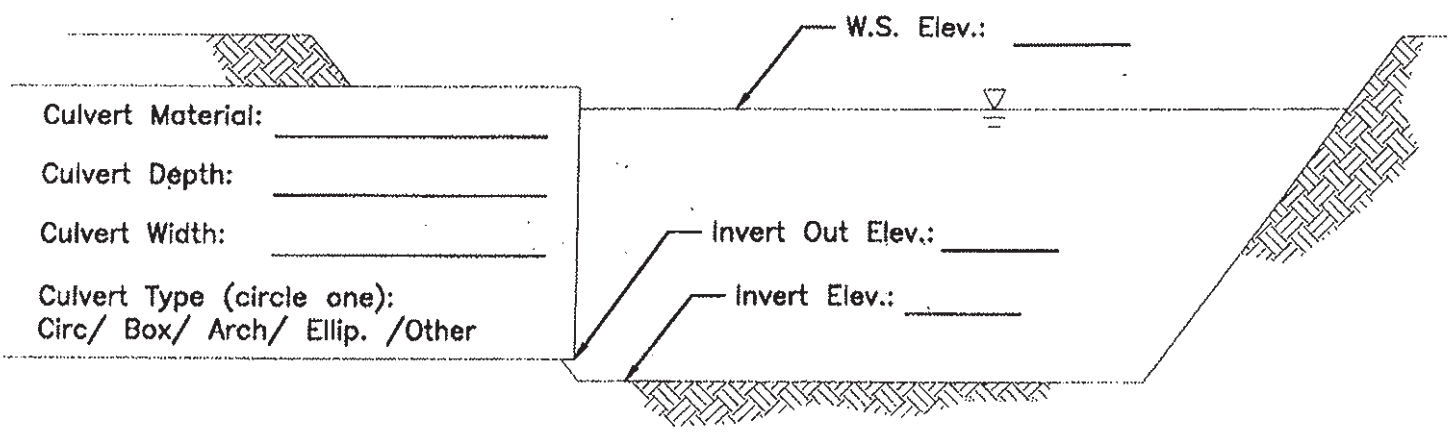
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM 5379/4307 (NORFOLK)



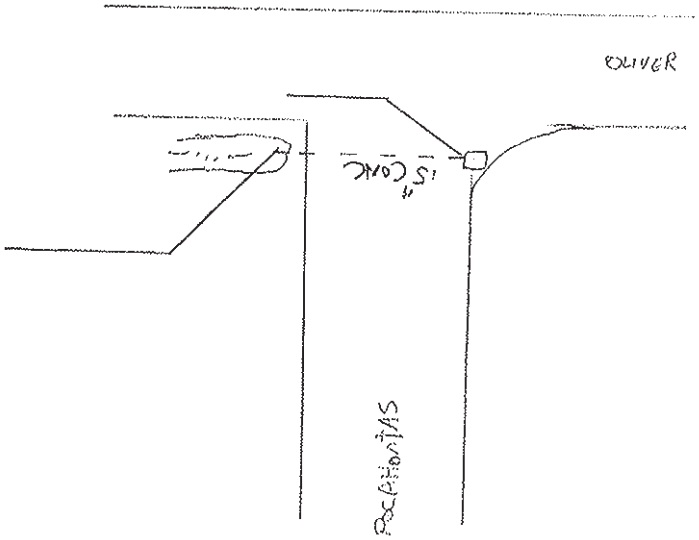

CULVERT JUNCTION/INLET CULVERT

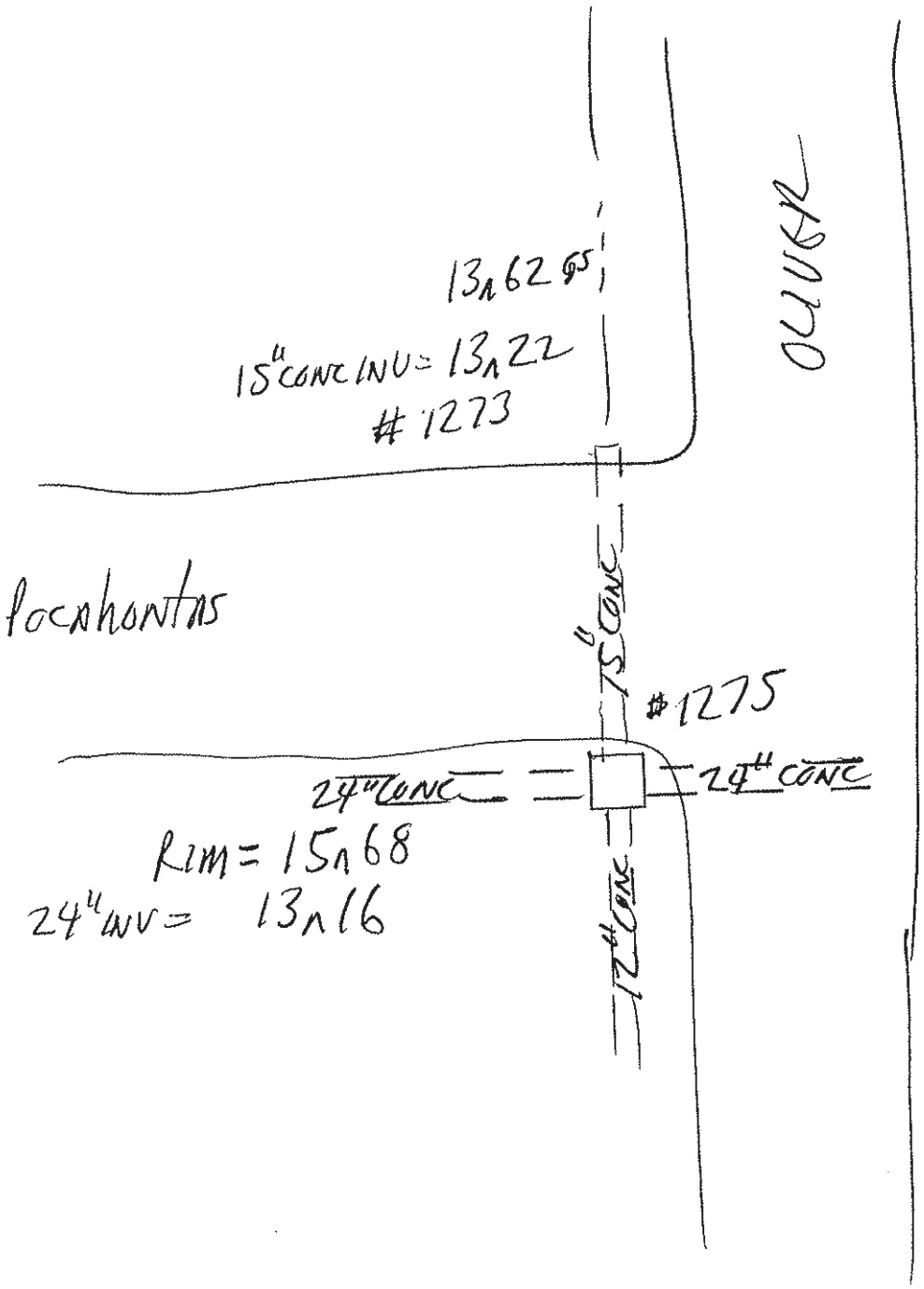



OUTLET CULVERT LAKE

Additional description of the point location:

OVER


OLIVER
15" CONC
POCAHONTAS


13n62 gs
15" CONC INV = 13n22
#1273
OLIVER
Pocahontas
15" CONC
#1275
24" CONC
24" CONC
RIM = 15n68
24" INV = 13n16
12" CONC

Project: SONO WATERSHED

Node/Point #: 1307/1297

Location/Nearest Intersection: Loc# 42

Date: 9 JUN 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERRIVED FROM 6379/Y307(NORFOLK)

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

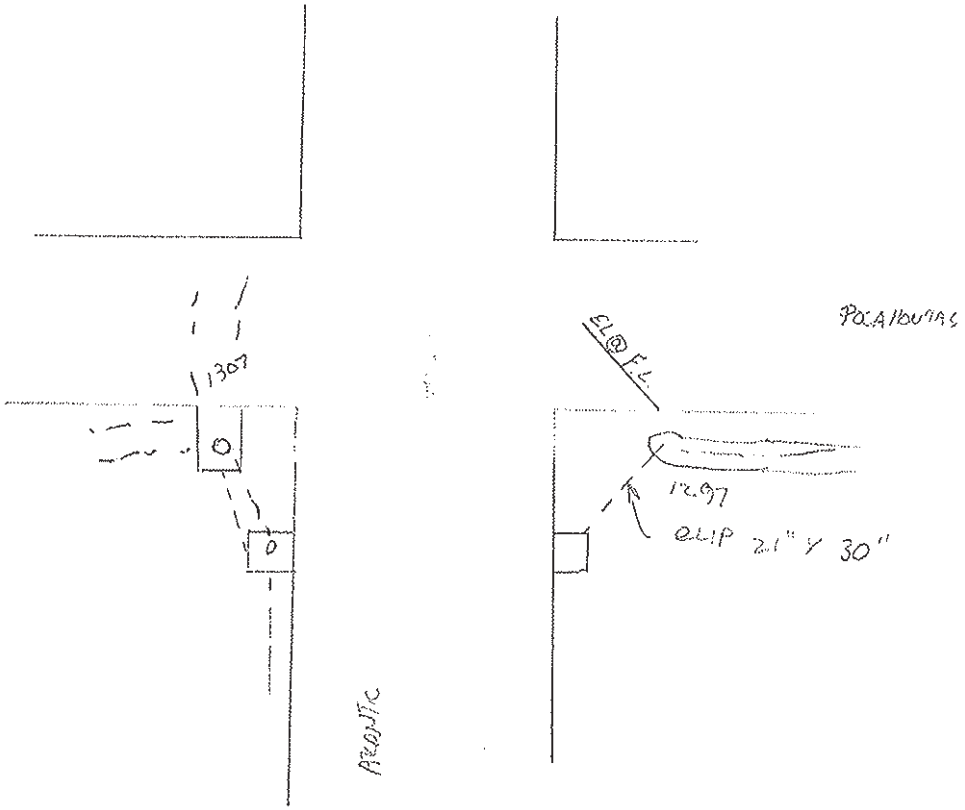
Invert Elev.: _____

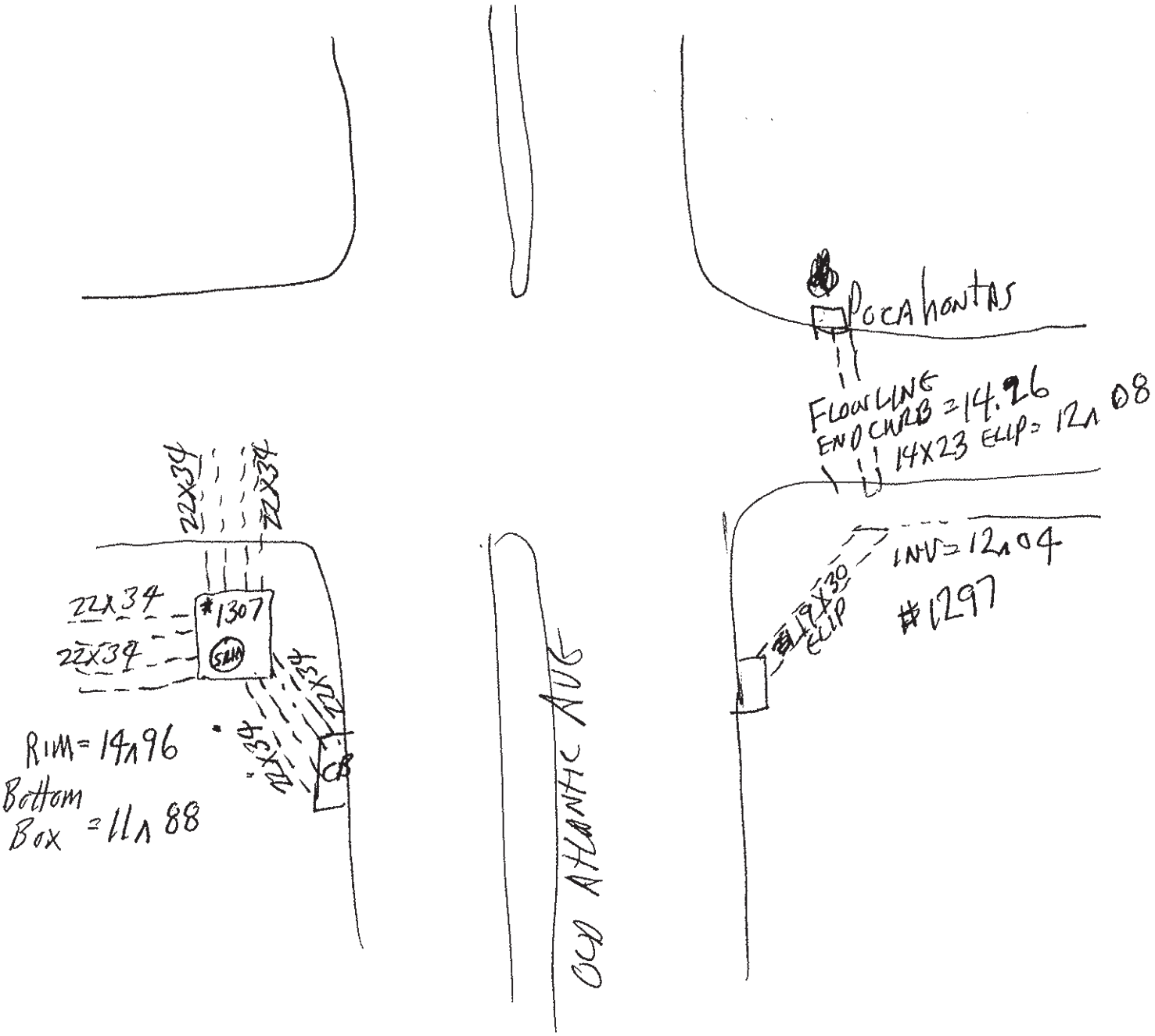
OUTLET CULVERT LAKE

Additional description of the point location:

OVER

4




Pocahontas
FLOWLINE
END CURB = 14.26
14X23 ELLIP = 12.08
INV = 12.04
#1297
19X30
ELLIP
OLD ATLANTIC AVE
22X34
22X34
22X34
22X34
#1307
SAN
12X34
12X34
CB
RIM = 14.96
Bottom
Box = 11.88

Project: Sono Watershed

Node/Point #: 1475/1471

Location/Nearest Intersection: Loc # 40

Date: 9 JUNE 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

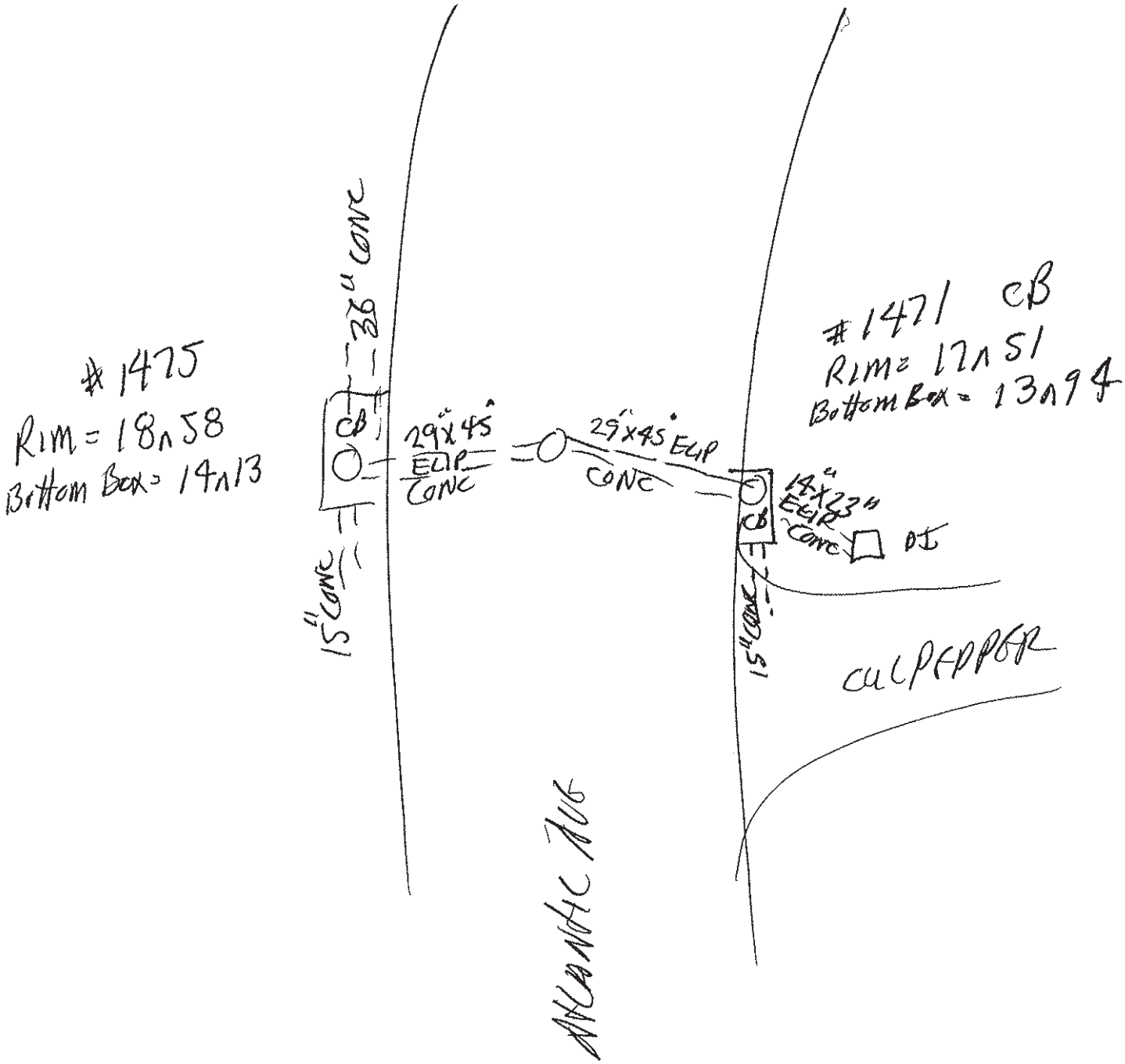
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

OVER


#1475
RIM = 18.58
Bottom Box = 14.13
36" CONC
CB
29"x45"
ELIP
CONC
29"x45" ELIP
CONC
#1471 CB
RIM = 17.51
Bottom Box = 13.94
14"x23"
ELIP
CONC
CB
DI
15" CONC
15" CONC
CULPEPPER
ATLANTIC AVE

Project: Sand Watershed

Node/Point #: 1485/ 1445

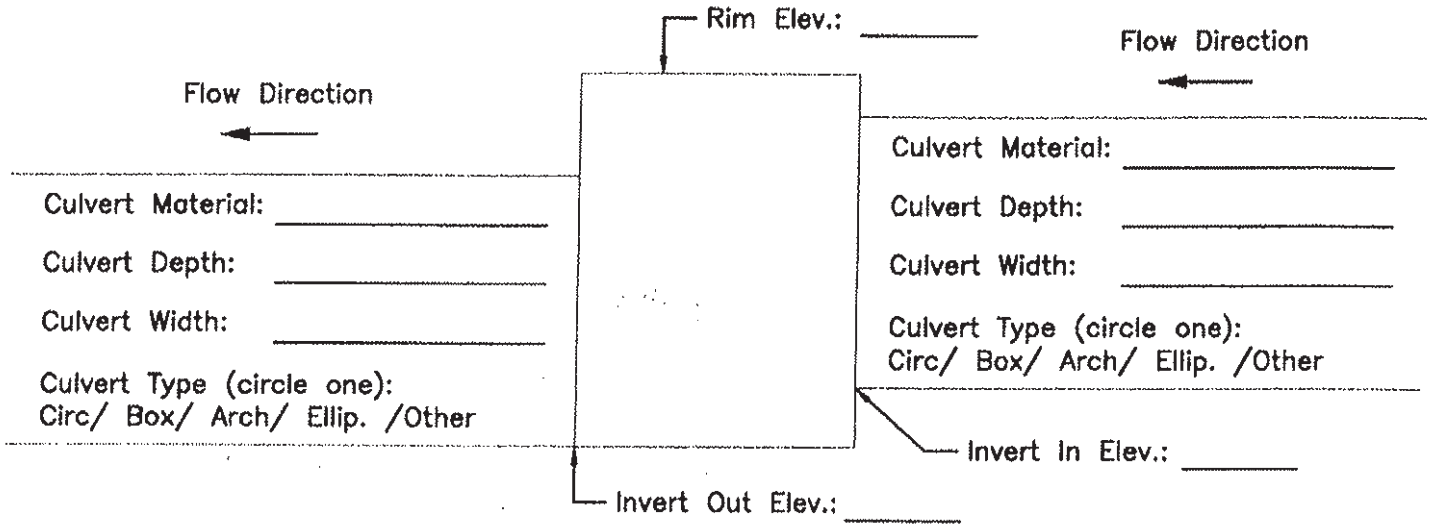
Location/Nearest Intersection: Loc 41

Date: 5 June 08

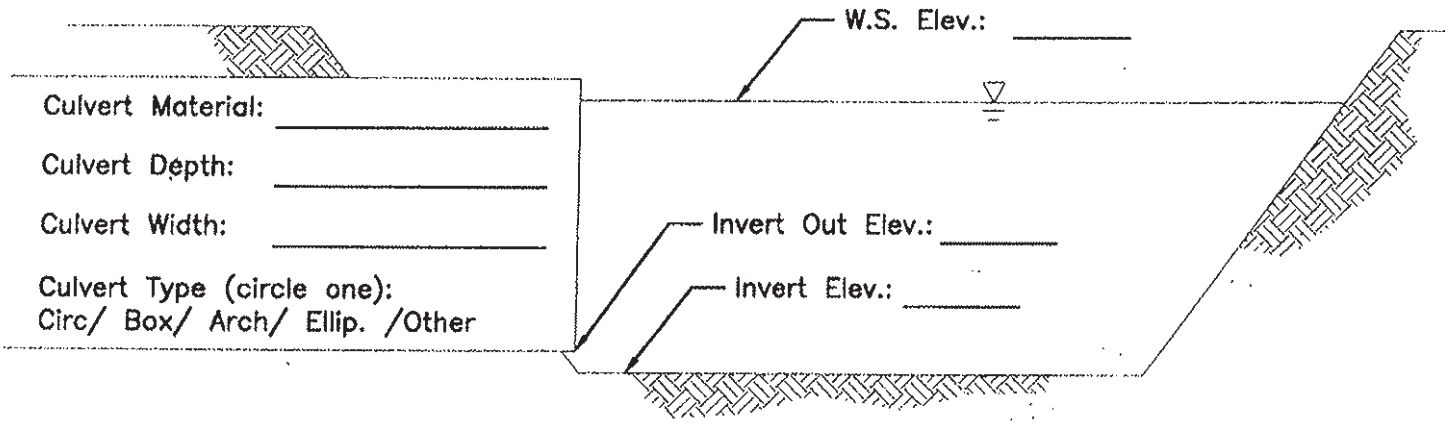
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Derived from Y-307 (Norfolk)



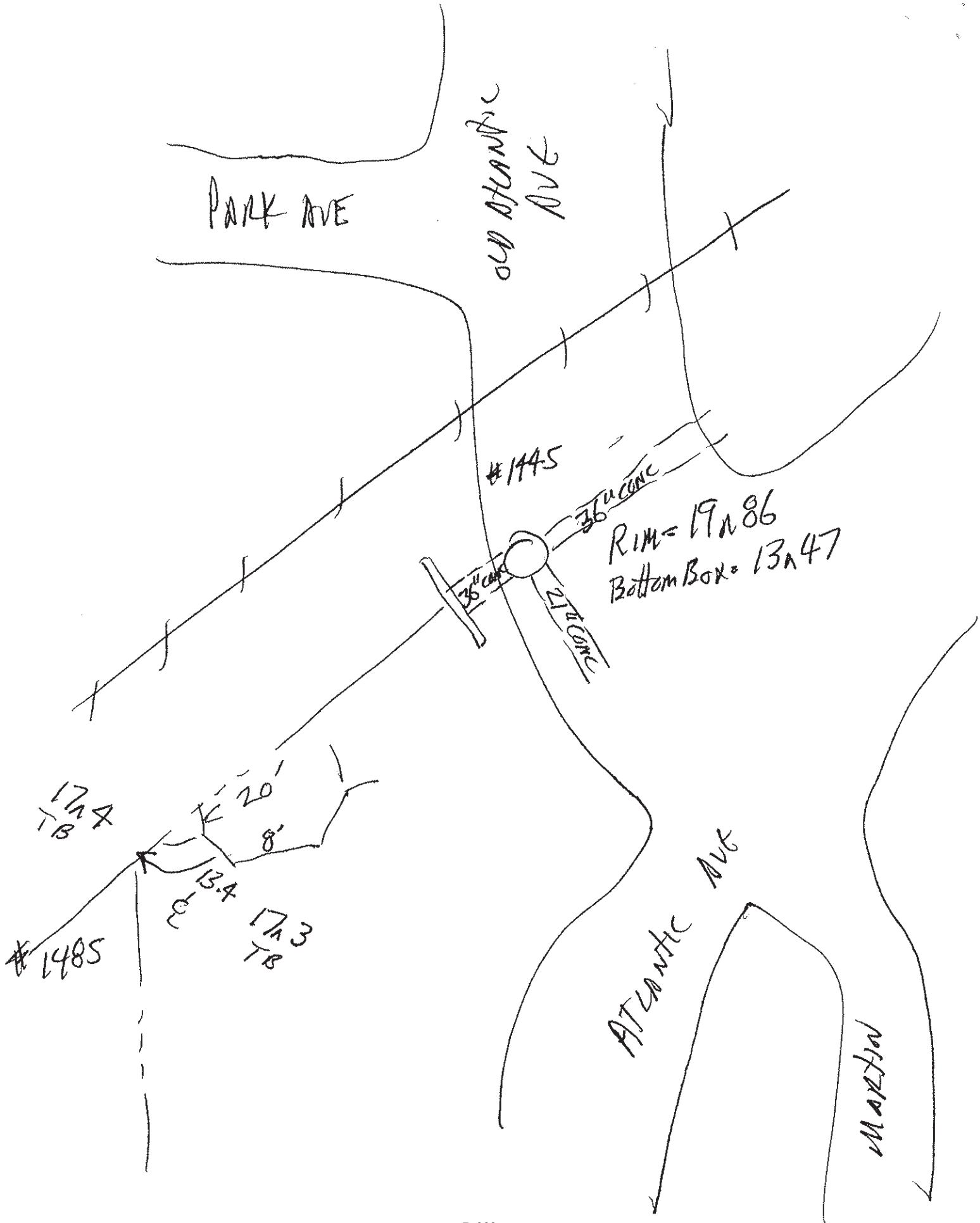

CULVERT JUNCTION/INLET CULVERT




OUTLET CULVERT LAKE

Additional description of the point location:

(over)


PARK AVE
OLD ATLANTIC AVE
#1445
36" CONC
RIM = 19.86
Bottom Box = 13.47
36" CMP
21" CONC
17.4
TB
20'
8'
13.4
8'
17.3
TB
#1485
ATLANTIC AVE
MARTIN

Project: SANO WATERSHED

Node/Point #: 1523/1517

Location/Nearest Intersection: LOC 34

Date: 7 JUNE 08

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

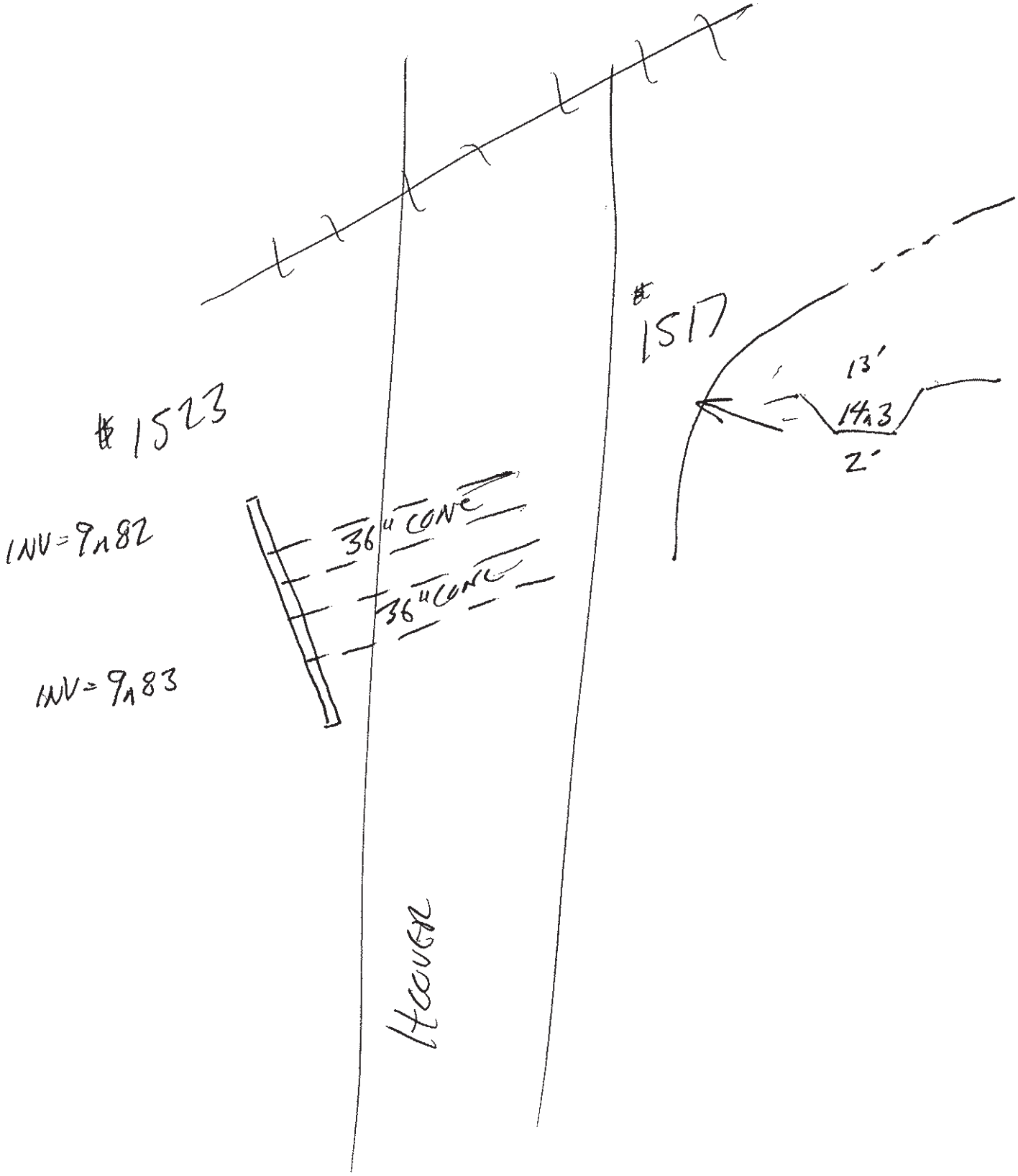
Additional description of the point location:

_____

_____

_____

OVER


#1517
13'
14.3
2'
#1523
INV=9.82
36" CONC
36" CONC
INV=9.83
Hoover

Y 307

Project: S.N. WATERSHED

Date: 6-9-08

Node/Point #: 1569

Surveyed By: Meekins

Location/Nearest Intersection: 60

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 17.38

Flow Direction

Culvert Material: CONC. PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 13.02

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

Y 307

Project: S.N. WATERSHED

Node/Point #: 1553

Location/Nearest Intersection: 60

Date: 6-9-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.07

Flow Direction ←

Culvert Material: CONC. PIPE

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: PLASTIC

Culvert Depth: 10"

Culvert Width: 10"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 14.47

Invert Out Elev.: 14.48

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

NO PIPE FROM 1553 TO 1551.

Y 307

Project: S.N. WATERSHED

Node/Point #: 1559

Location/Nearest Intersection: 60

Date: 6-9-08

Surveyed By: Meeking

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.34

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): (Circ)/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 24

Culvert Width: 24

Culvert Type (circle one): (Circ)/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 13.26

Invert Out Elev.: 13.24

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

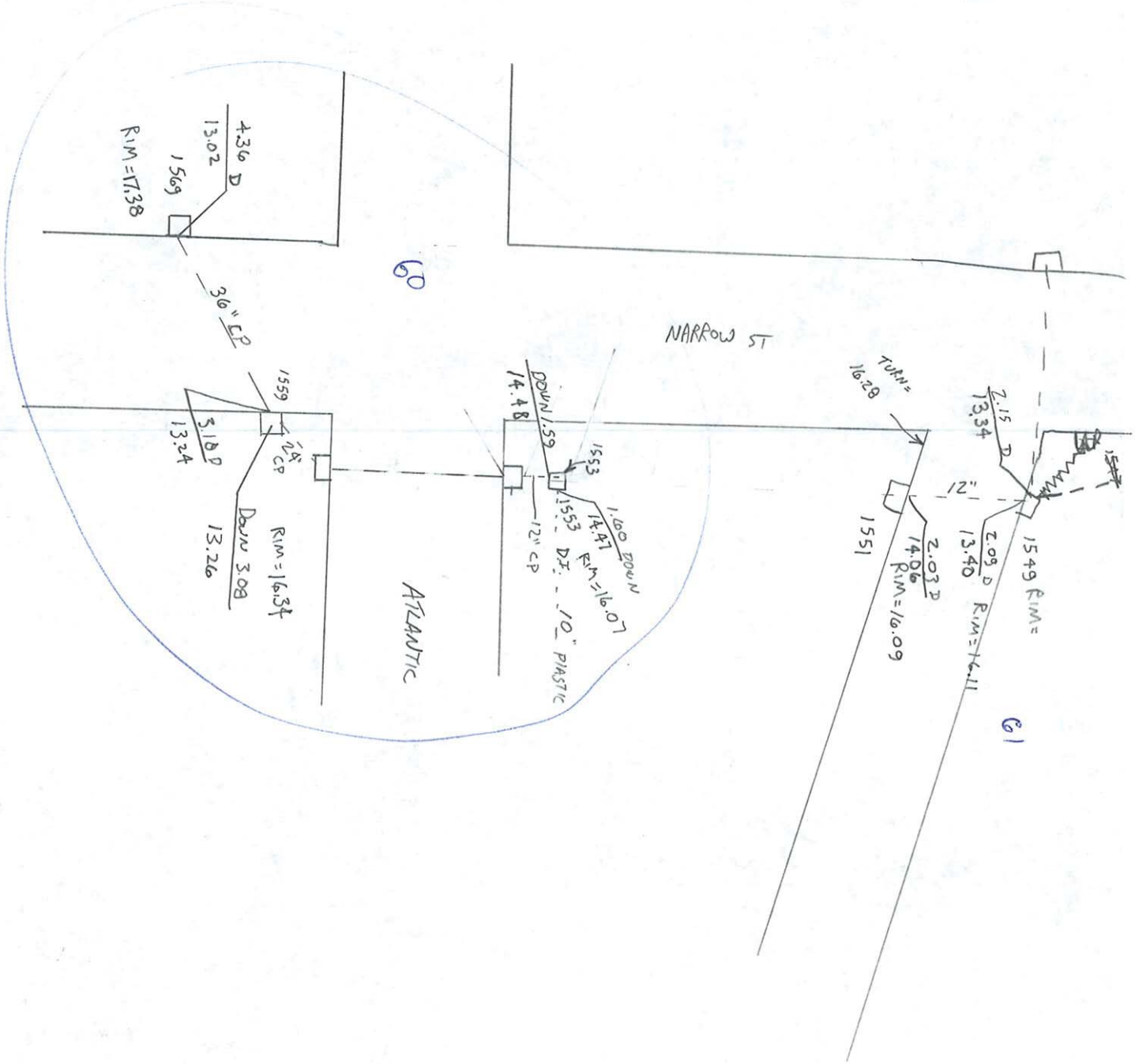
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

1559



4.36 D
13.02
1569
RIM=17.38
36" CP
60
NARROW ST
1559
3.18 D
13.24
24" CP
DOWN 3.08
13.26
RIM=16.34
ATLANTIC
DOWN 1.59
14.48
1553
1553
1.60 DOWN
14.47
RIM=16.07
12" CP
DI. - 10" PLASTIC
TURN=
16.28
1551
2.03 D
14.06
RIM=16.09
2.15 D
13.34
12"
2.09 D
13.40
RIM=16.11
1549 RIM=
61

Y 307

Project: S. N. WATERSHED

Node/Point #: 1549

Location/Nearest Intersection: 61

Date: 6-9-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.11

Flow Direction ←

Culvert Material: CP

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: CP

Culvert Depth: 15"

Culvert Width: 15"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 13.34

Invert Out Elev.: 13.40

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

1/ 307

Project: S.N. WATERSHED

Node/Point #: 1551

Location/Nearest Intersection: 61

Date: 6-9-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 1609

Flow Direction

Culvert Material: C.P.

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 14.06

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

Y307

Project: S N WATERSHED

Node/Point #: 1593

Location/Nearest Intersection: 49

Date: 6-10-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.64

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 15"

Culvert Width: 15"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: TWIN 12" PIPES

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

13.80

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

ONLY COULD GET ELEV. ON BOTTOM OF STRUCTURE.

Project: S.N. WATERSHED

Node/Point #: 1595

Location/Nearest Intersection: 49

Date: 6-10-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.38

Flow Direction ←

Culvert Material: Conc Pipe

Culvert Depth: 15"

Culvert Width: 15"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: Conc Pipe

Culvert Depth: ~~15~~" 24"

Culvert Width: ~~15~~" 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: ~~13.4~~ 13.33

Invert Out Elev.: 13.14

CULVERT JUNCTION/INLET CULVERT

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.:

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

Project: _____

Node/Point #: 1591

Location/Nearest Intersection: 49

Date: _____

Surveyed By: _____

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 16.52

Flow Direction ←

Culvert Material: TWIN CONC. PIPES

Culvert Depth: 21" x2

Culvert Width: 21" x2

Culvert Type (circle one): (Circ/) Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: Conc PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): (Circ/) Box/ Arch/ Ellip. /Other

Invert In Elev.: 13.27

Invert Out Elev.: 13.23

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

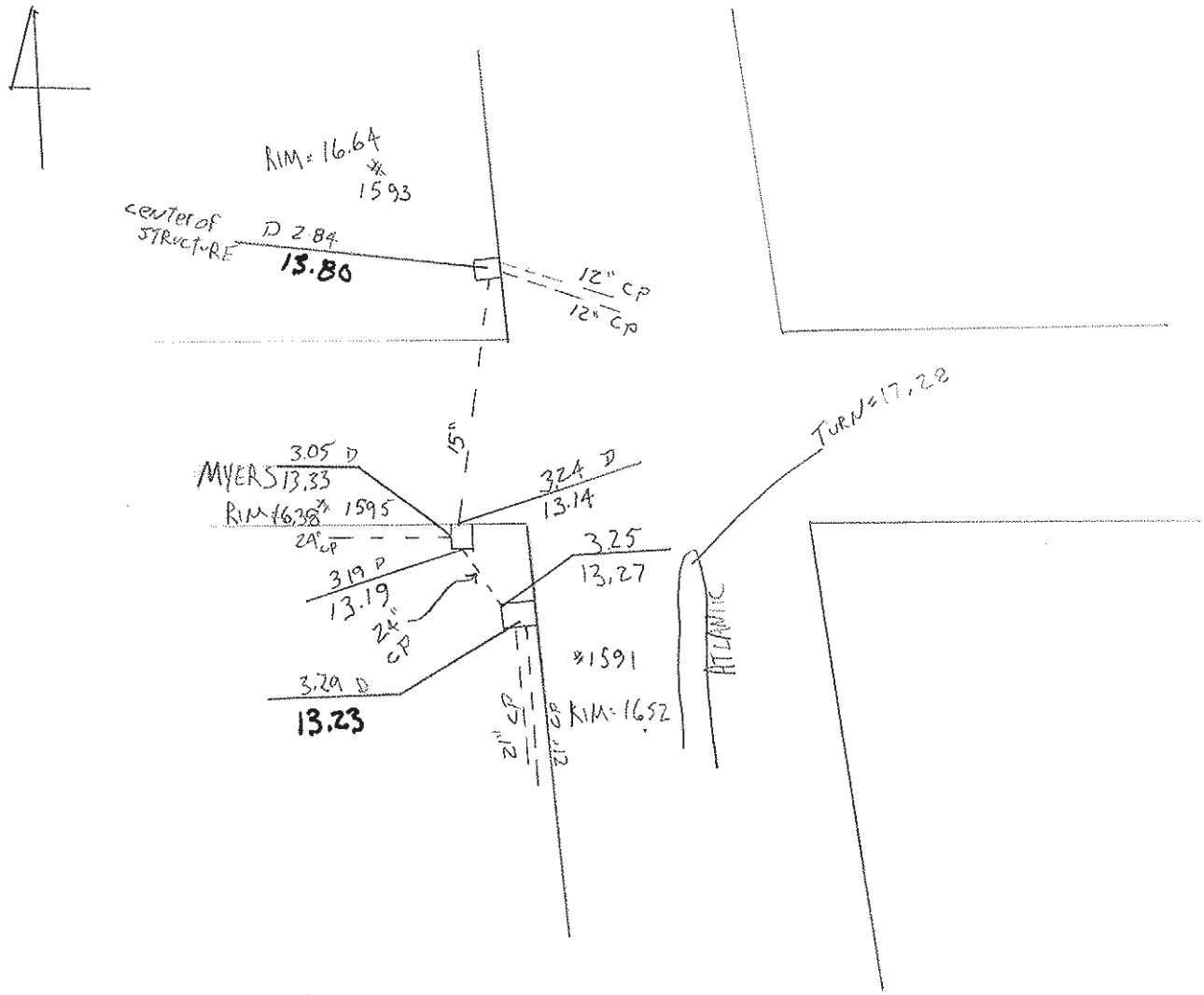
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: _____

1/307




| | HI | + | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | 21.94 | 4.66 | |
| 5.29 | 22.57 | 4.52 | 17.20 |
| | | | 18.05 |

Project: SONO WATERSHED

Node/Point #: 1225/1223/1613/1611

Location/Nearest Intersection: Loc # 36/#37

Date: 10 JAN 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERRIVED FROM G 379
Y 307 (NORFOLK)

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

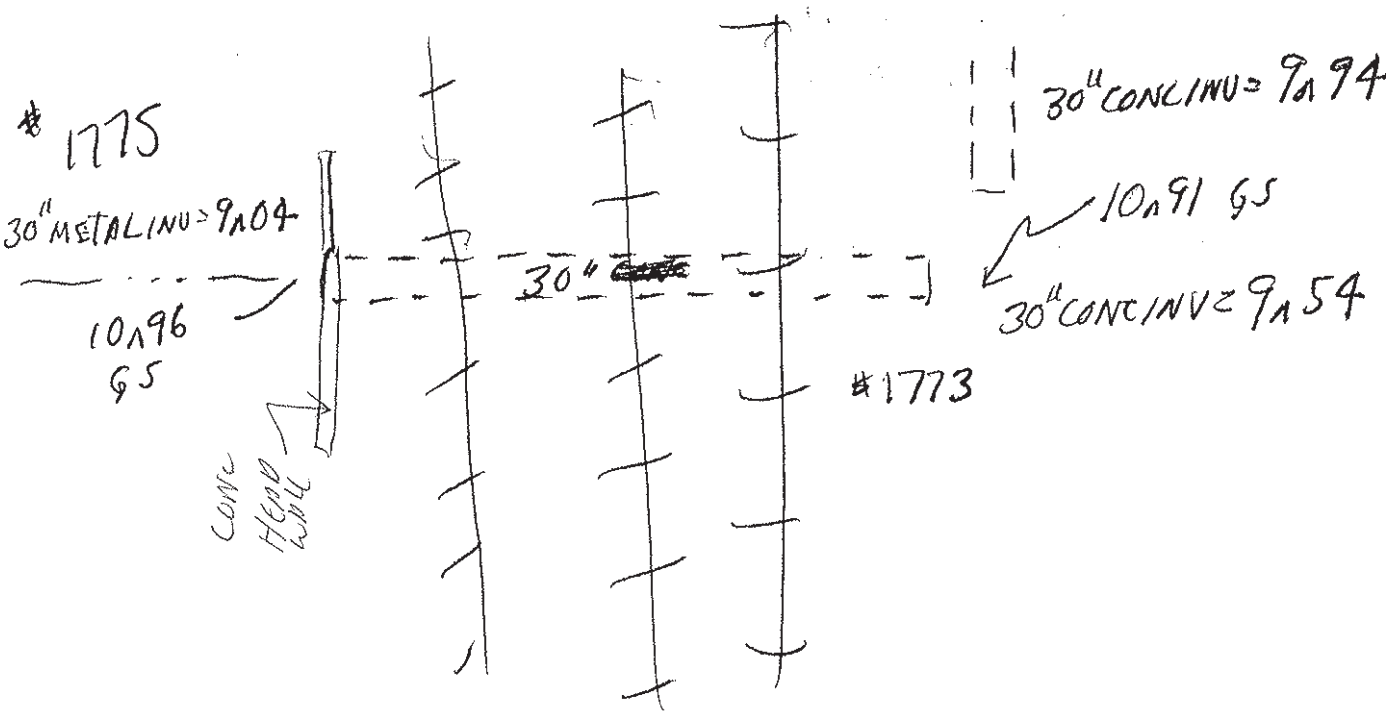
Invert Out Elev.: _____

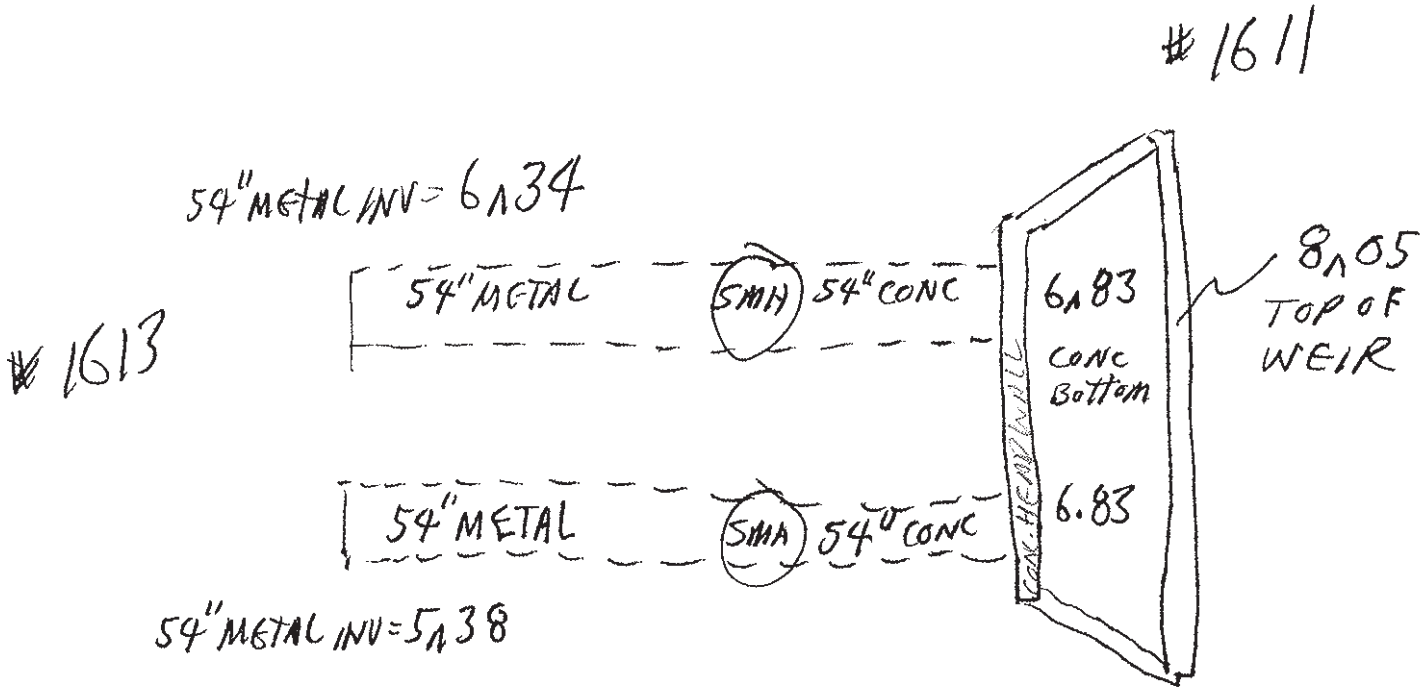
Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

DUBR


#1775
30" METAL INV = 9.04
10.96
GS
CONC HEAD WALL
30" CONC
30" CONC INV = 9.94
10.91 GS
30" CONC INV = 9.54
#1773


#1611
54" METAL INV = 6.34
54" METAL
SMH
54" CONC
6.83
CONC Bottom
8.05
TOP OF WEIR
#1613
CONC. HEADWALL
54" METAL
SMA
54" CONC
6.83
54" METAL INV = 5.38

Node/Point #: 1799

Location/Nearest Intersection: 48

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

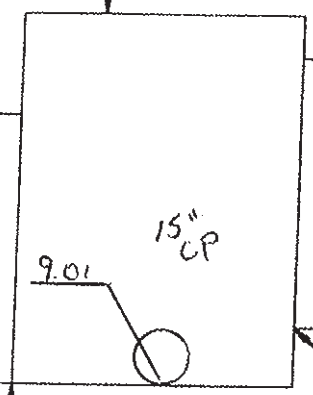
Flow Direction ←

Culvert Material: CP

Culvert Depth: 15'

Culvert Width: 15'

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other




Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: 9.01

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

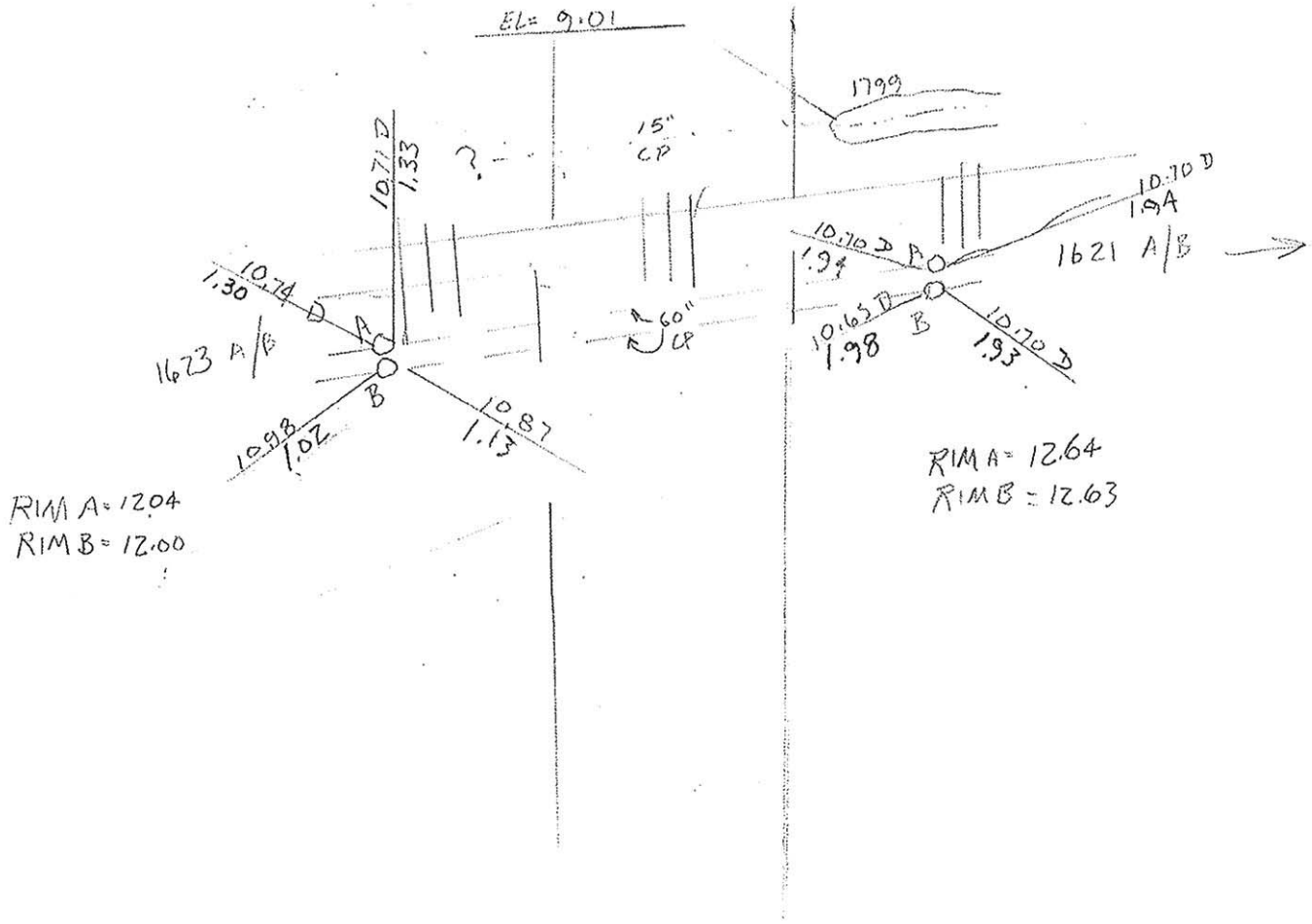
OUTLET CULVERT | LAKE

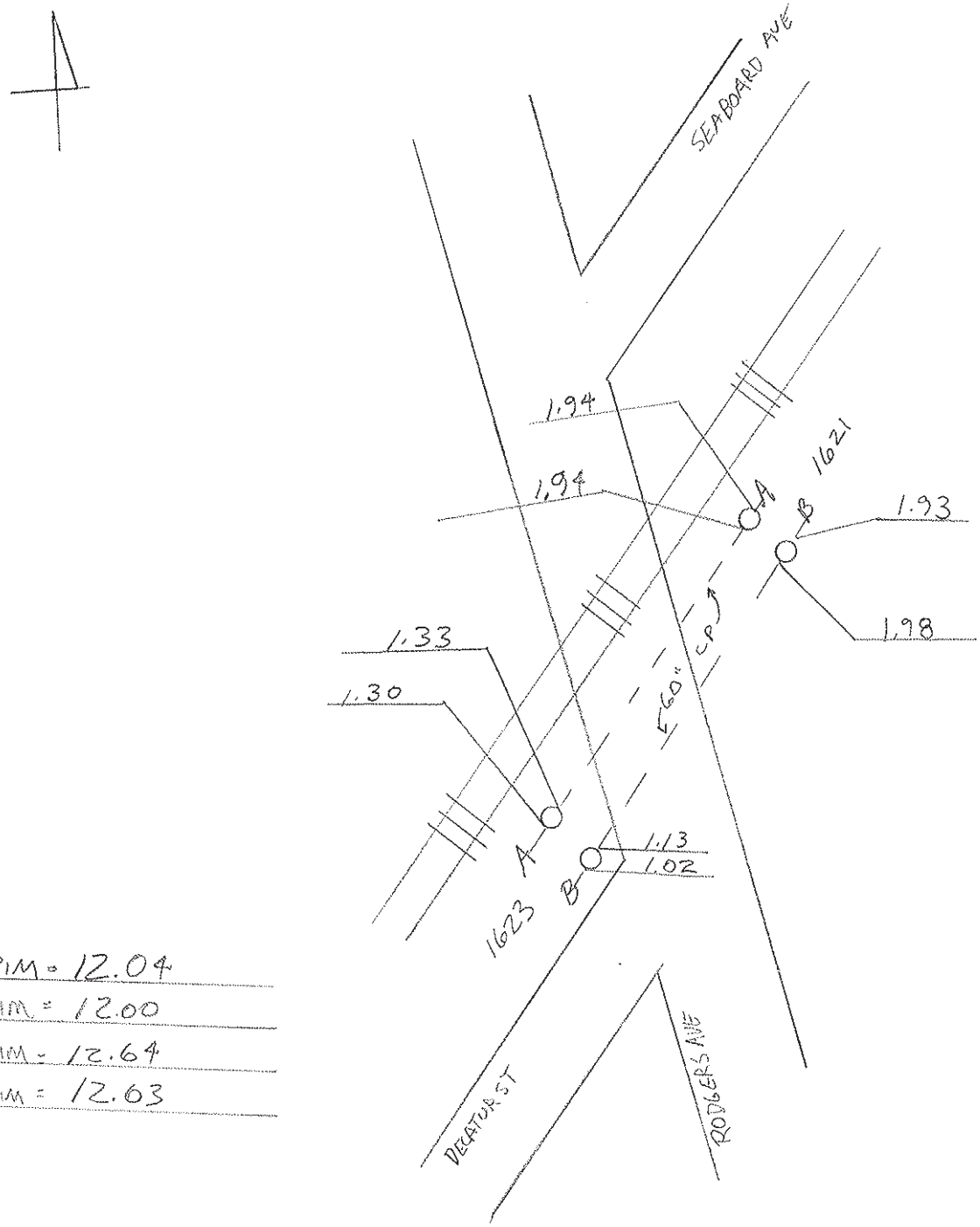
Additional description of the point location:

COULD NOT FIND 1803

PS 115

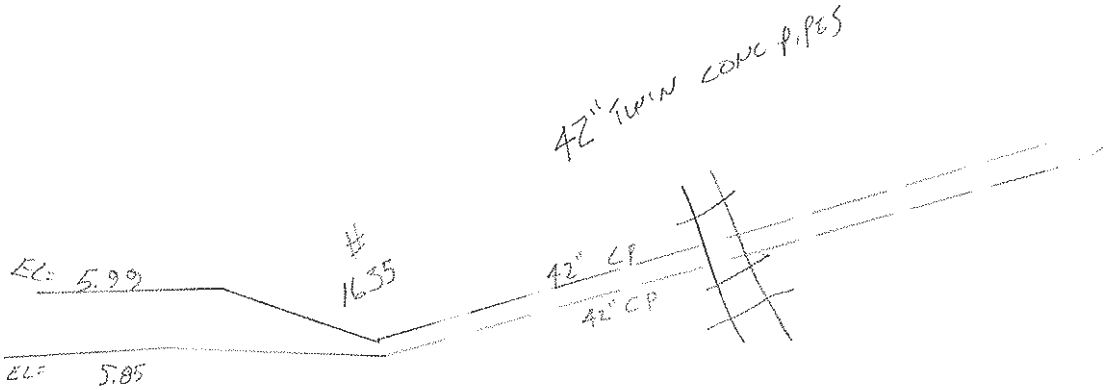
| | | | | |
|---|---|---|---|---|
| 1799 | 8.37 = 9.01 | | | |
| 1621 | A 4.74 = 12.64<br>B 4.75 = 12.63 | | | |
| 1623 | A 5.34 12.04<br>B 5.38 = 12.00 | 17.38 | 5.47 | |
| | 4.49 | 16.40 | 6.90 | 11.91 |
| | | | | 9.50 |

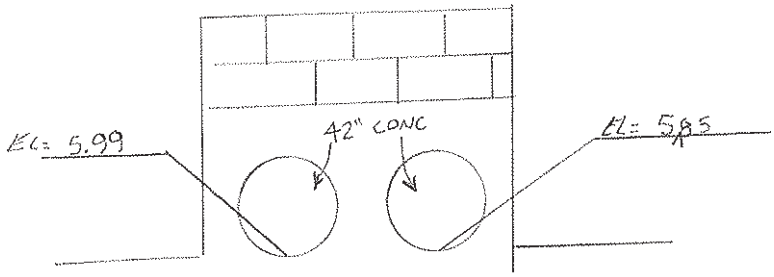





1623 A RIM = 12.04
1623 B RIM = 12.00
1621 A RIM = 12.64
1621 B RIM = 12.03

DISK 141


42" TWIN CONC PIPES
EL= 5.99
16.35
42" CP
42" CP
EL= 5.85


EL= 5.99
42" CONC
EL= 5.85

(141)

Project: S.N. WATERSHED

Node/Point #: 1643

Location/Nearest Intersection: 81

Date: 6-10-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 8.79

Flow Direction

Culvert Material: conc pipe

Culvert Depth: 48"

Culvert Width: 48"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: conc pipe

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 3.23

Invert Out Elev.: 2.40

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

No pipe Between 1649 & 1643

Source Disk 141

Project: SOUTH NORFOLK WATERSHED

Node/Point #: 1649

Location/Nearest Intersection: 81

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 8.53

Flow Direction

Culvert Material: CONC

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: CONC

Culvert Depth: 30"

Culvert Width: 30"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 3.19

Invert Out Elev.: 2.82

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

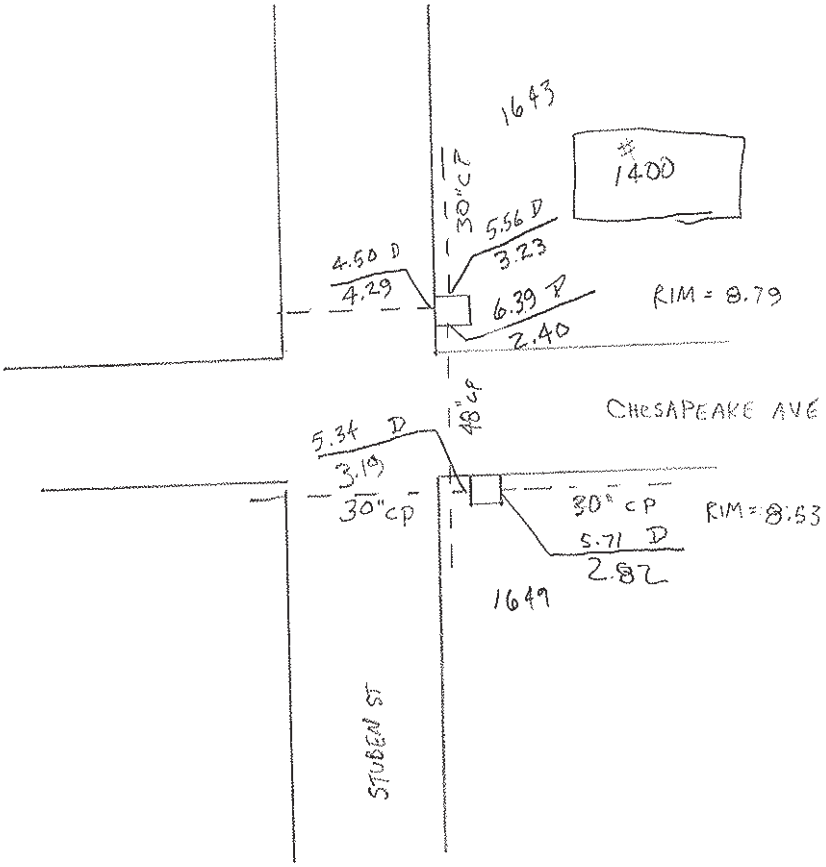
Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location: NO Pipe Between 1649 & 1643

Source DISK 141



Project: S.N. WATERSHED

Node/Point #: 1653

Location/Nearest Intersection: 57

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 8.12

Flow Direction

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

BOTTOM OF STRUCTURE

0.57

Invert In Elev.:

Invert Out Elev.:

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

Project: SOUTH Norfolk WATERSHED

Node/Point #: 1651

Location/Nearest Intersection: 57

Date: 6-4-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 8.02

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

1.13

BOTTOM OF STRUCTURE

Invert In Elev.:

Invert Out Elev.:

CULVERT

JUNCTION/INLET

Flow Direction

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

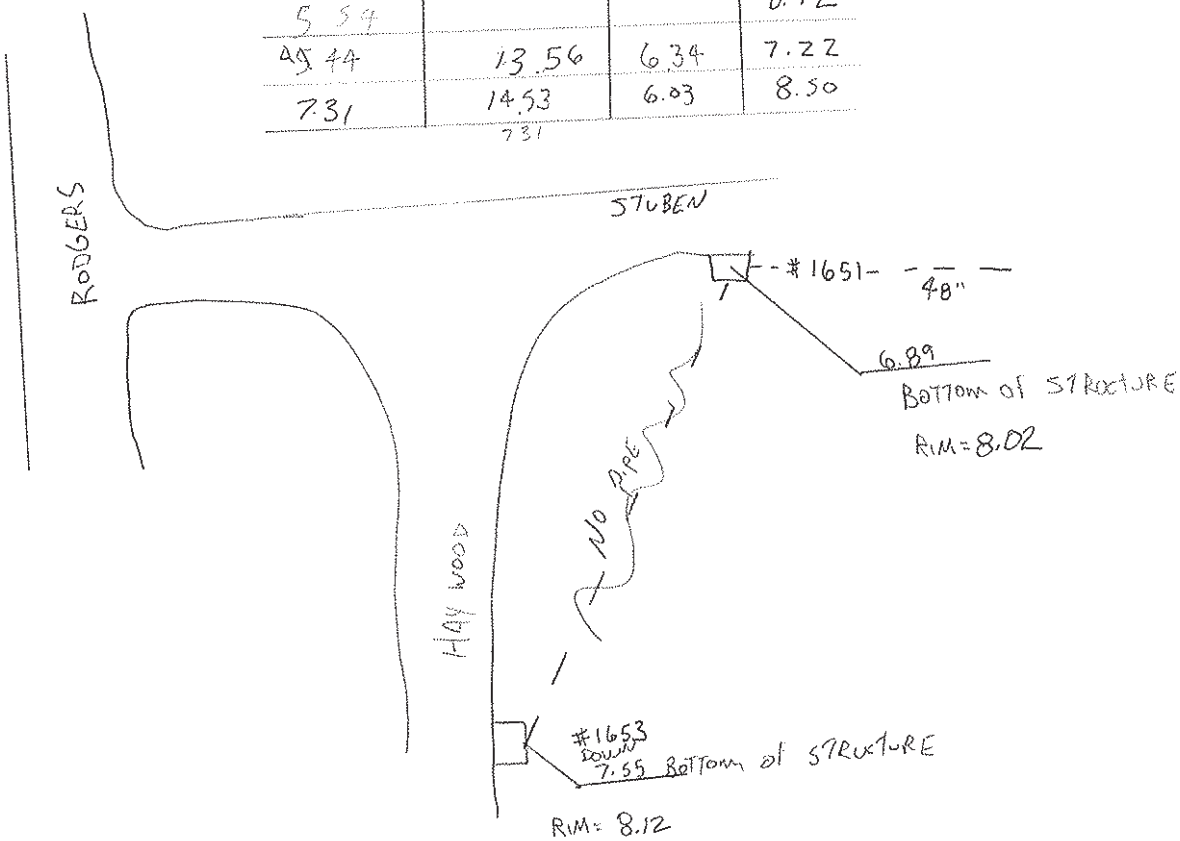
OUTLET CULVERT

LAKE

Additional description of the point location: No pipe Between 1651 - 1653.

DISK
Source 141

| | | | |
|---|---|---|---|
| | | | |
| 5.54 | | | 8.12 |
| 45.44 | 13.56 | 6.34 | 7.22 |
| 7.31 | 14.53 | 6.03 | 8.50 |
| | 7.31 | | |



Node/Point #: 167

Location/Nearest Intersection: 74

2812 BAINBRIDGE

Date: 6-20-08

Surveyed By: Mike Mocking

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.77

Flow Direction

Culvert Material: CP

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: CONC.

Culvert Depth: 18"

Culvert Width: 18"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 8.53

Invert Out Elev.: 8.38

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

Project: _____

Date: _____

Node/Point #: 1675

Surveyed By: Meeker

Location/Nearest Intersection: 74

2812 BAMBRIDGE

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 13.01

Flow Direction ←

Culvert Material: CP

Culvert Depth: 15"

Culvert Width: 15"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: CP

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

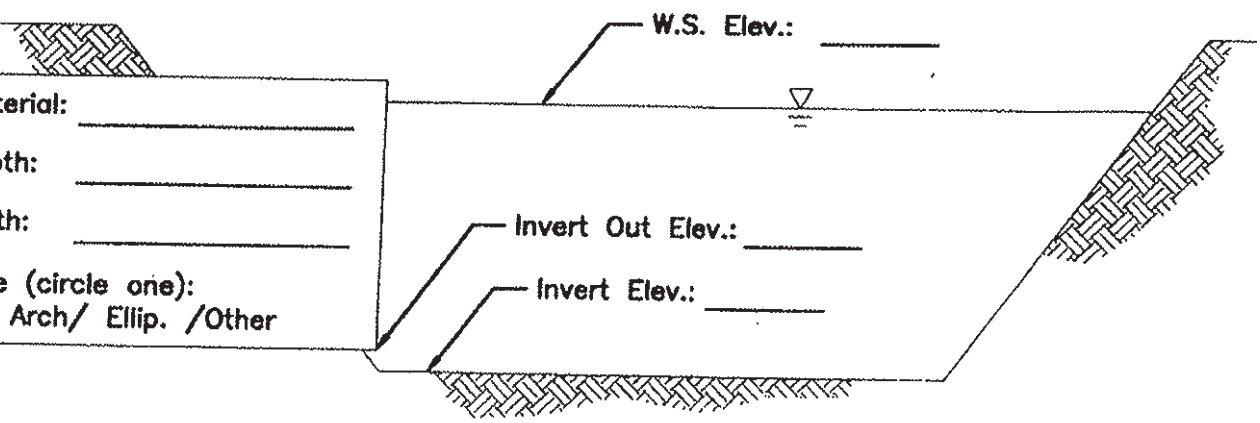
Invert In Elev.: 9.77

Invert Out Elev.: 9.76

CULVERT

JUNCTION/INLET

CULVERT



W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

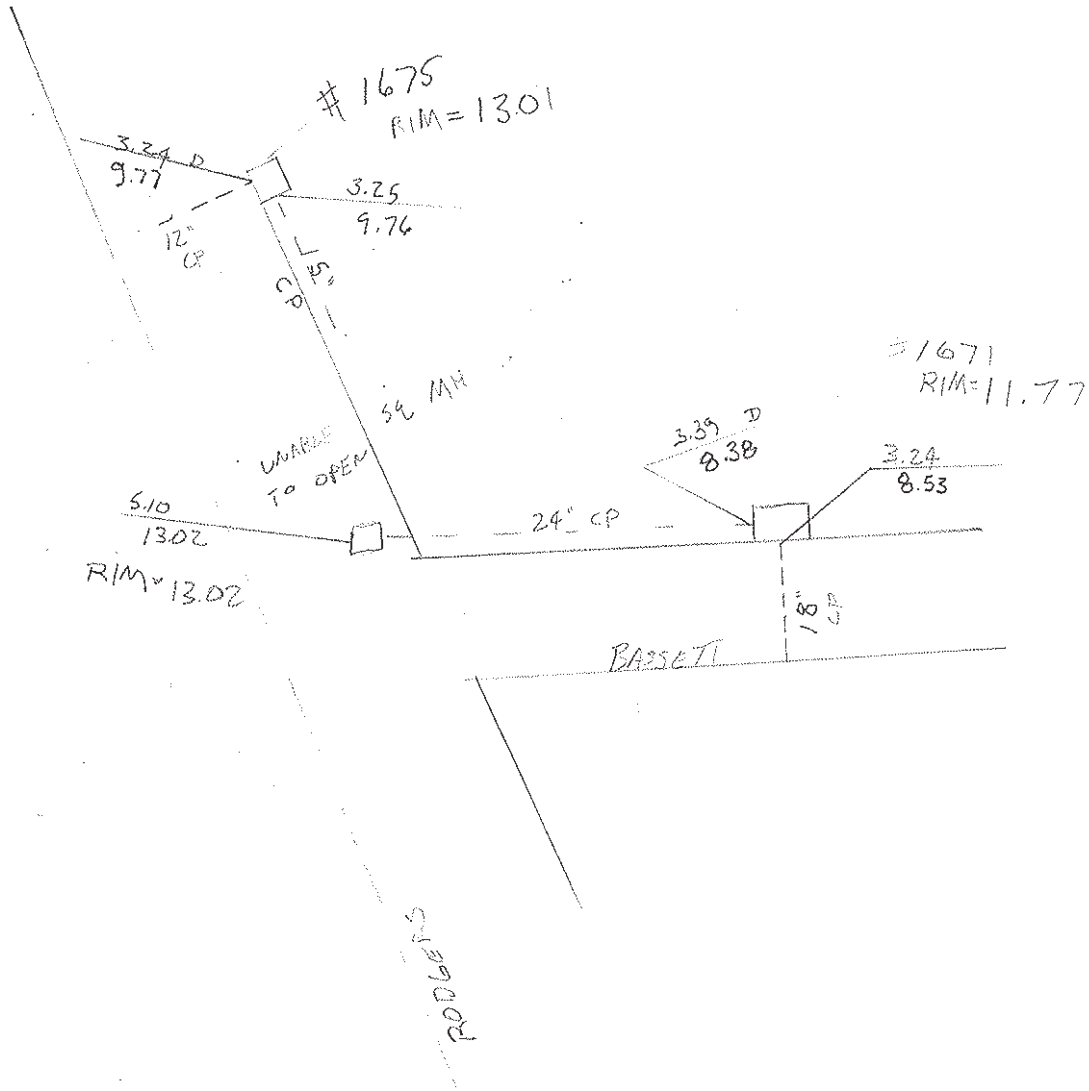
OUTLET CULVERT

LAKE

Additional description of the point location:

2812 BAINBRIDGE

| | - | HI | + | EL |
|---|---|---|---|---|
| 1671 | 6.35 | | | |
| 1675 | 5.11 | 18.12 | 4.62 | 13.50 |
| | 5.13 | 18.63 | 7.45 | |
| | | | | 11.18 |



Project: S.N. WATERSHED

Node/Point #: 1787

Location/Nearest Intersection: 35

Date: 6-20-08

Surveyed By: Meekins

PS 240

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.29

Flow Direction ←

Culvert Material: Conc pipe

Culvert Depth: 36"

Culvert Width: 36'

Culvert Type (circle one): ~~Circ~~/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: Conc pipe

Culvert Depth: 36"

Culvert Width: 36

Culvert Type (circle one): ~~Circ~~/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 5.40

Invert Out Elev.: 5.40

CULVERT | JUNCTION/INLET | CULVERT

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

W.S. Elev.:

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT | LAKE

Additional description of the point location:

NO PIPE @ 1795

Project: SN WATERSHED
Node/Point #: 1789
Location/Nearest Intersection: 35

Date: 6-20-08
Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.41

Flow Direction ←

Culvert Material: CONC PIPE
Culvert Depth: 36"
Culvert Width: 36"
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: CONC PIPE
Culvert Depth: 36"
Culvert Width: 36"
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 5.58

Invert Out Elev.: 5.46

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

Project: S. N. WATERSHED

Node/Point #: 1791

Location/Nearest Intersection: 35

Date: 6-20-08

Surveyed By: Meeks

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.48

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 15"

Culvert Width: 15"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.: 8.92

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

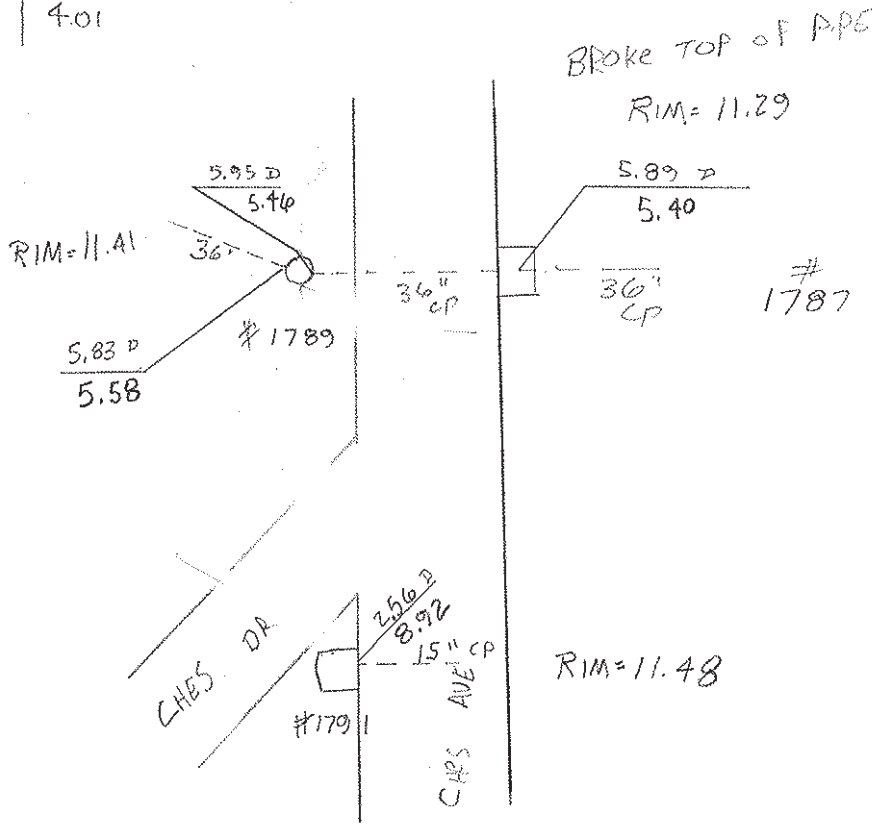
Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

PS 240

| | | | | |
|---|---|---|---|---|
| 484 | 16.73 | | 11.48 | |
| 5.32 | 16.73 | | 11.41 | |
| 5.44 | 16.73 | 5.94 | 11.29 | |
| 3.56 | 14.35 | 5.84 | 10.79 | |
| 4.10 | 12.61 | | 8.51 | |
| 7.08 | 12.61 | | 8.51 | |
| 7.01 | 12.61 | 6.57 | 5.60 | 2551 |
| 4.04 | 10.08 | 6.07 | 6.04 | 2549 |
| | | Dollar Gen | 4.01 | |



Node/Point #: 1835

Location/Nearest Intersection: 47

PS 240

Date: 6-20-08

Surveyed By: Muskins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 5.59

Flow Direction

Culvert Material: CONC PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: C.P

Culvert Depth: 18"

Culvert Width: 18"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 1.19

Invert Out Elev.: 1.01

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

Bottom of structure filled w/ conc

Node/Point #: 1837

Location/Nearest Intersection: 47

Date:

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

PS 240

Rim Elev.: 5.44

Flow Direction

Culvert Material: CP

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: CP

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 0.51

Invert Out Elev.: 0.48

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

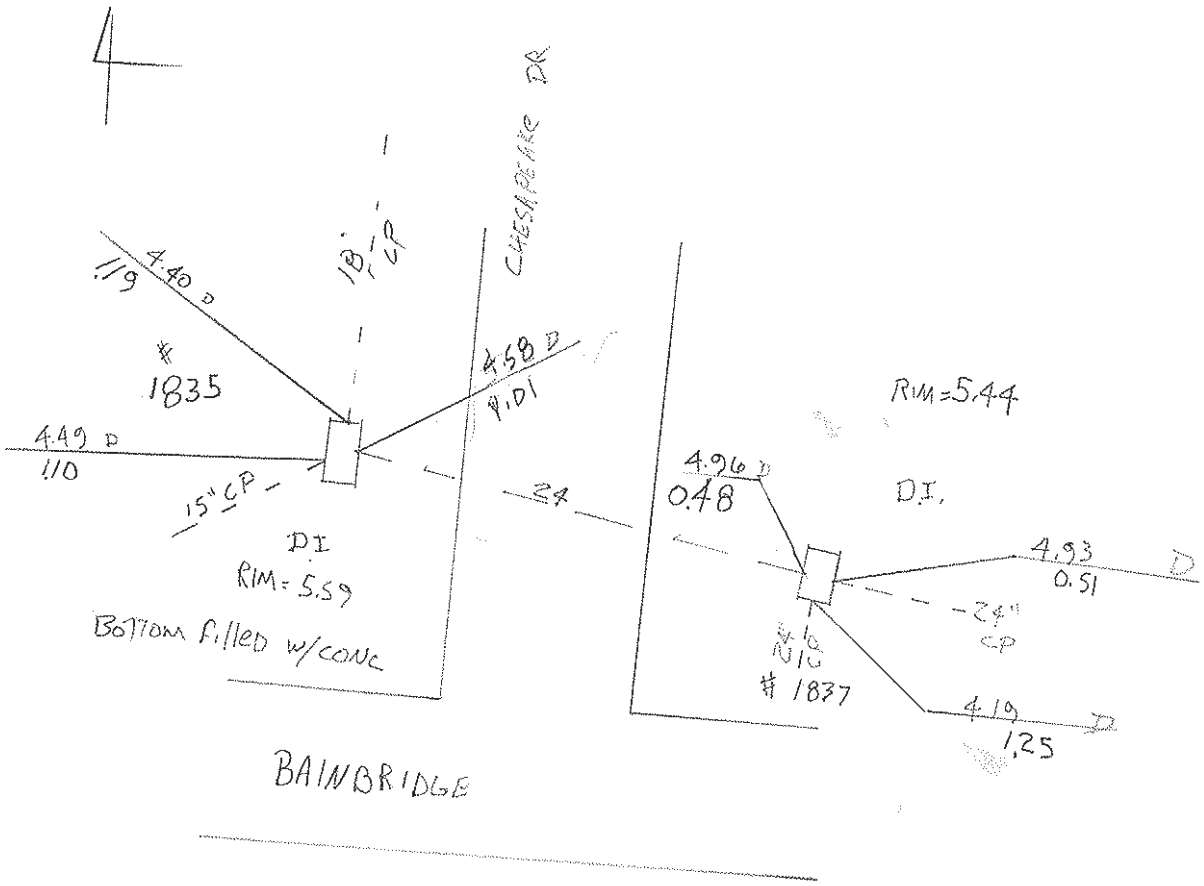
Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

Source P.S.240




| | | | |
|---|---|---|---|
| | 9.90 | ~~7.80~~ 3.80 | |
| 7.09 | 13.10 | 5.20 | 6.01 |
| | | | 7.81 |

Project: SOUTH NORFOLK WATERSHED

Date: 6-2-08

Node/Point #: 1883

Surveyed By: Meekins

Location/Nearest Intersection: LOC 55

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: COR METAL PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

36" COR. METAL PIPE

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: 0.66

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

Project: SOUTH NORFOLK WATER SHED

Node/Point #: 1885

Location/Nearest Intersection: Loc 55

Date: 5-2-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: COR METAL PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

36" COR. METAL PIPE

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: 0.22

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

6.2

TOP OF PIPE 36" COR M PIPE

+3.10 1883 = (TP 3.76) EL=0.66

+3.10 1885 = (3.12) EL= 0.02

~~3.10~~

4.05

Project: S.N. WATERSHED

Node/Point #: 1921

Location/Nearest Intersection: 73

Date: 6-10-08

Surveyed By: Meeking

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.92

Flow Direction

Culvert Material: CONC PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 7.82

Invert Out Elev.: 7.72

CULVERT

JUNCTION/INLET D.I.

Flow Direction

Culvert Material: CONC PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location:

BOTH NODES are DROP INLETS

Project: S.N. WATERSHED

Node/Point #: 1923

Location/Nearest Intersection: 73

Date: 6-10-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 11.55

Flow Direction ←

Culvert Material: conc. PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: ~~50'~~ conc PIPE

Culvert Depth: 24"

Culvert Width: 24"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 8.00

Invert Out Elev.: 8.10

CULVERT

DROP INLET

JUNCTION/INLET

CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

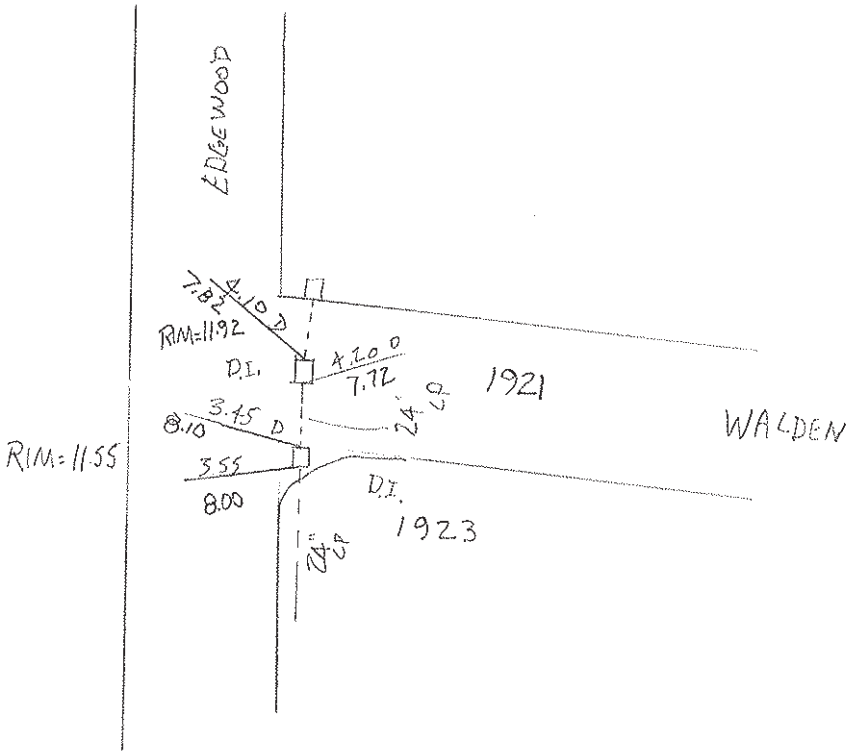
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT

LAKE

Additional description of the point location:


EDGEWOOD
7.82
4.10 D
RIM=11.92
D.I.
4.20 D
7.72
24" C.P.
1921
WALDEN
3.45 D
8.10
RIM=11.55
3.55
8.00
D.I.
1923
24" C.P.

| | | H.I. | + | EL |
|---|---|---|---|---|
| | | | | |
| | | 15.87 | 5.72 | 10.15 |
| | | 13.10 | 4.99 | — |
| | 7.70 | 15.81 | 10.21 | 8.11 |
| | | | | 5.60 |

PIPE 3.47

| | | | |
|---|---|---|---|
| | | | |
| 5.10 | 16.65 | 4.60 | 11.55 |
| 4.42 | 16.47 | 5.77 | 12.05 |
| 4.22 | 14.92 | 5.15 | 10.70 |
| | | | 9.77 |

Project: S.N. WATERSHED

Node/Point #: 1945/1943

Location/Nearest Intersection: 71

Date: 6-20-08

Surveyed By: Meekins

P.S. # 2818 BANBRIDGE

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 10.15

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 18"

Culvert Width: 18"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: 6.91

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 18"

Culvert Width: 18"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 6.88

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

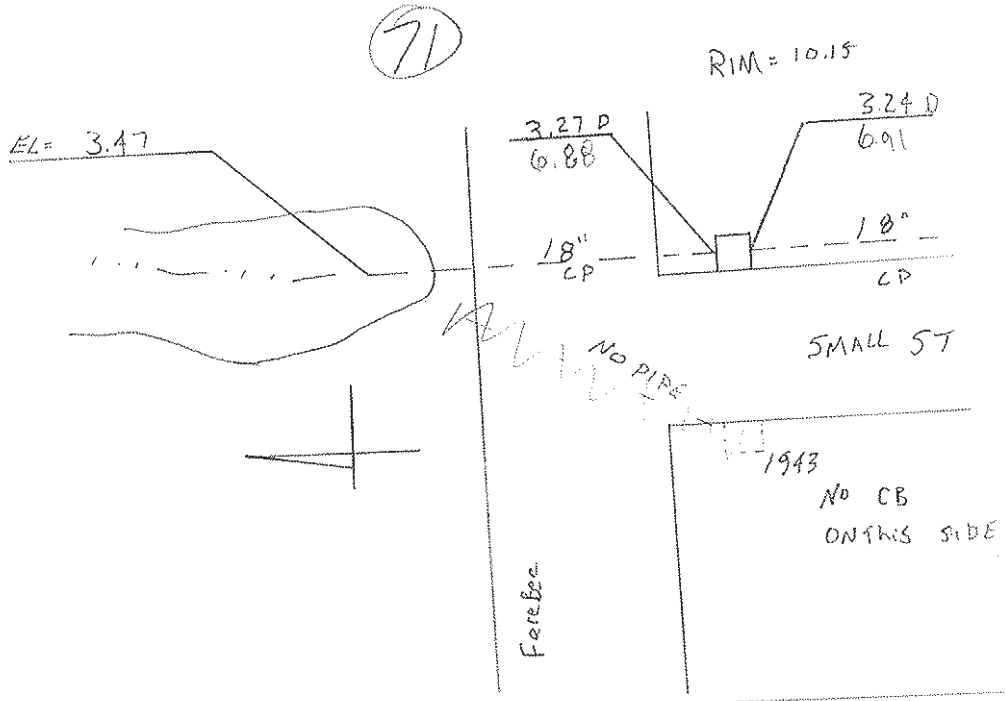
Invert Elev.:

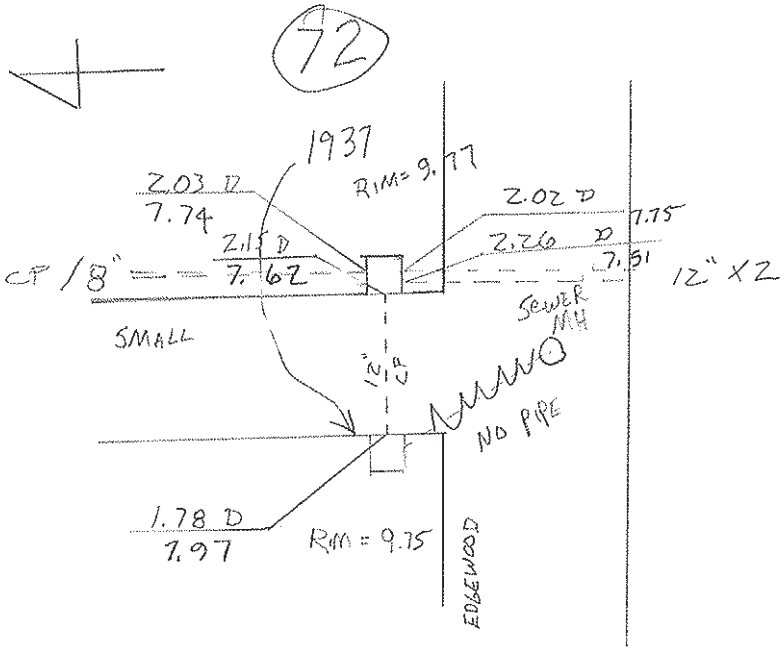
OUTLET CULVERT | LAKE

Additional description of the point location:

NO CB @ # 1943

PS NO# 2818 BAMBRIDGE



Project: S.N WATERSHED

Node/Point #: 1937

Location/Nearest Intersection: 72

Date: 6-20-08

Surveyed By: Meekins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 9.75

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 12"

Culvert Width: 12"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.: 7.97

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

Project: SoND WATERSHED

Date: 17 JUNE 08

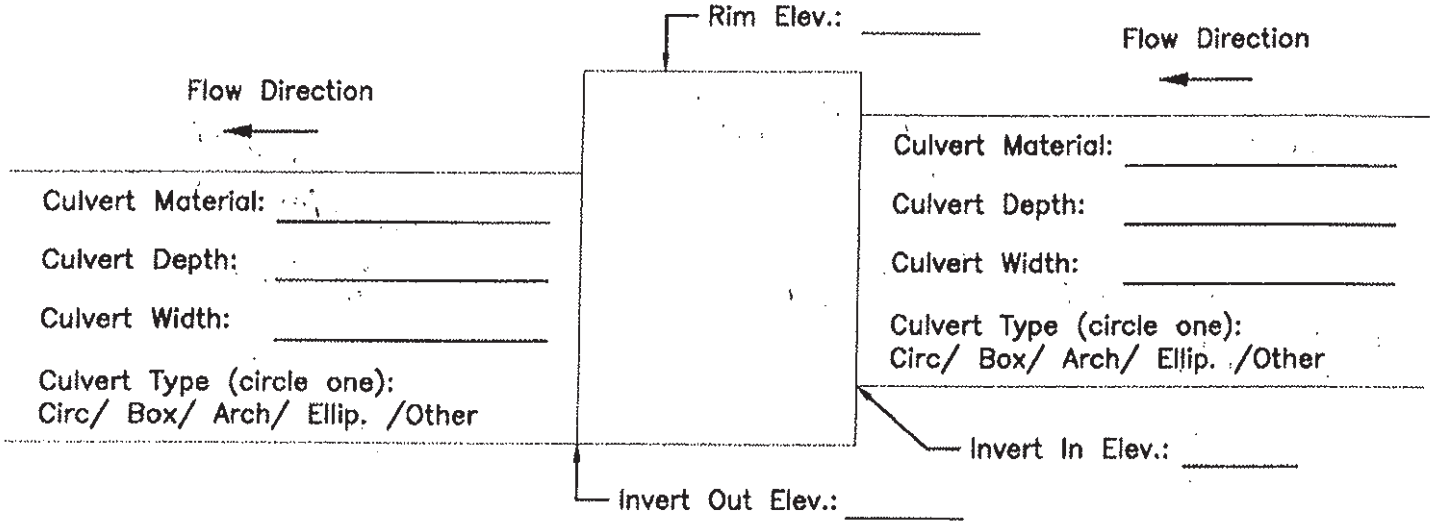
Node/Point #: 2029/2027/2025

Surveyed By: EDE

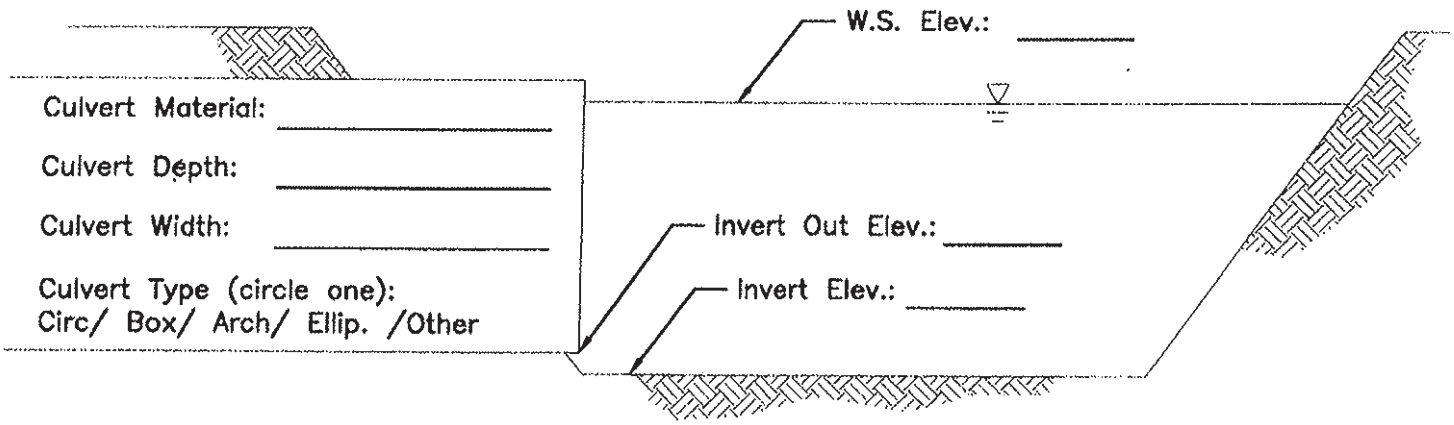
Location/Nearest Intersection: Loc 6

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM Y307 NORFOLK



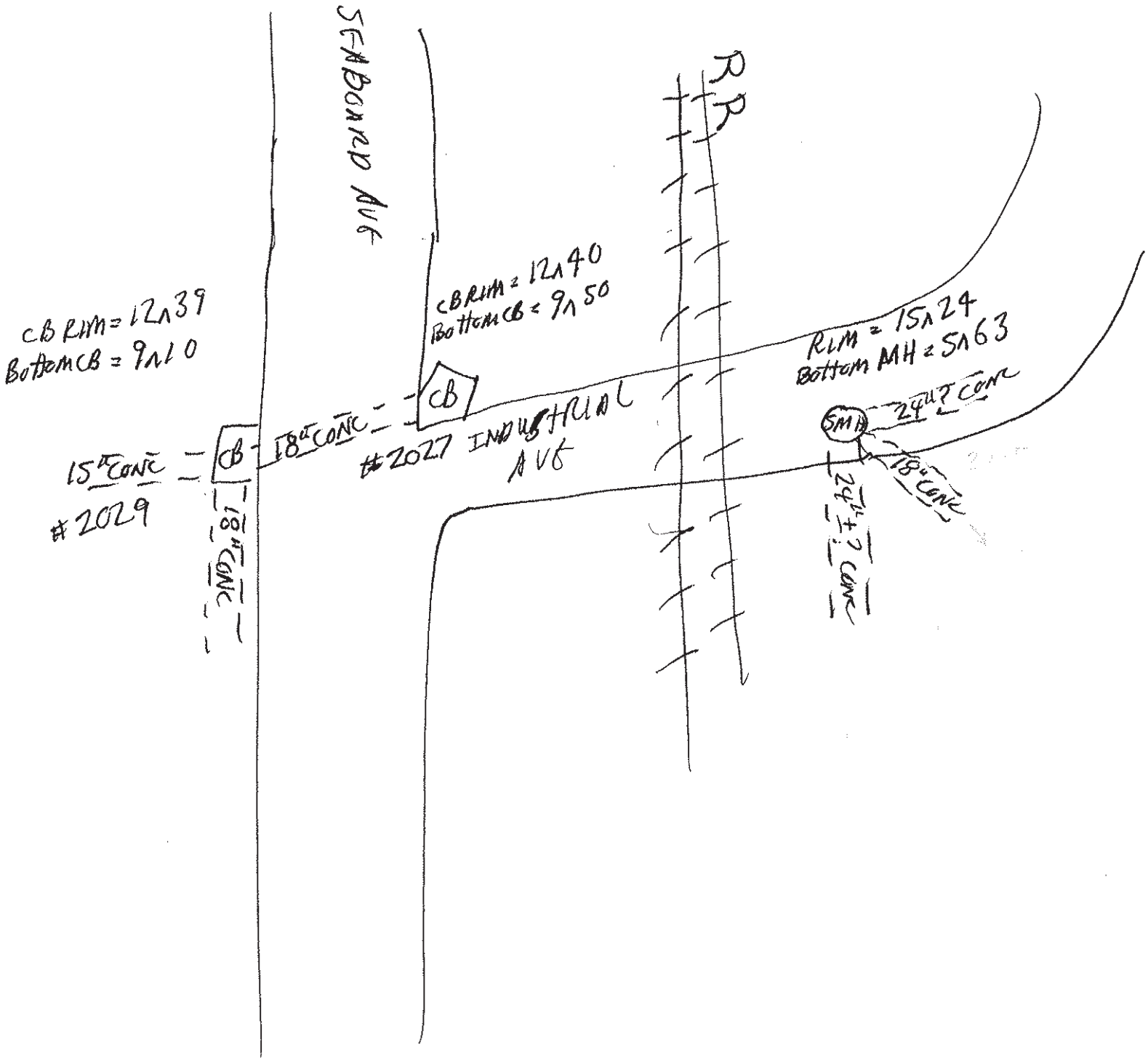

CULVERT JUNCTION/INLET CULVERT




OUTLET CULVERT LAKE

Additional description of the point location: NODES 2027 & 2025 DO NOT CONNECT

OVER


SEABOARD AVE
RR
CB RIM = 12.39
Bottom CB = 9.10
CB RIM = 12.40
Bottom CB = 9.50
RIM = 15.24
Bottom MH = 5.63
CB
18" CONC
#2027 INDUSTRIAL AVE
24" ? CONC
SMH
18" CONC
15" CONC
#2029
CB
18" CONC
24" ? CONC

Project: So No WATERSHED

Node/Point #: 2049/2047

Location/Nearest Intersection: Loc # 5

Date: 16 JUNE 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Derived from Y307

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

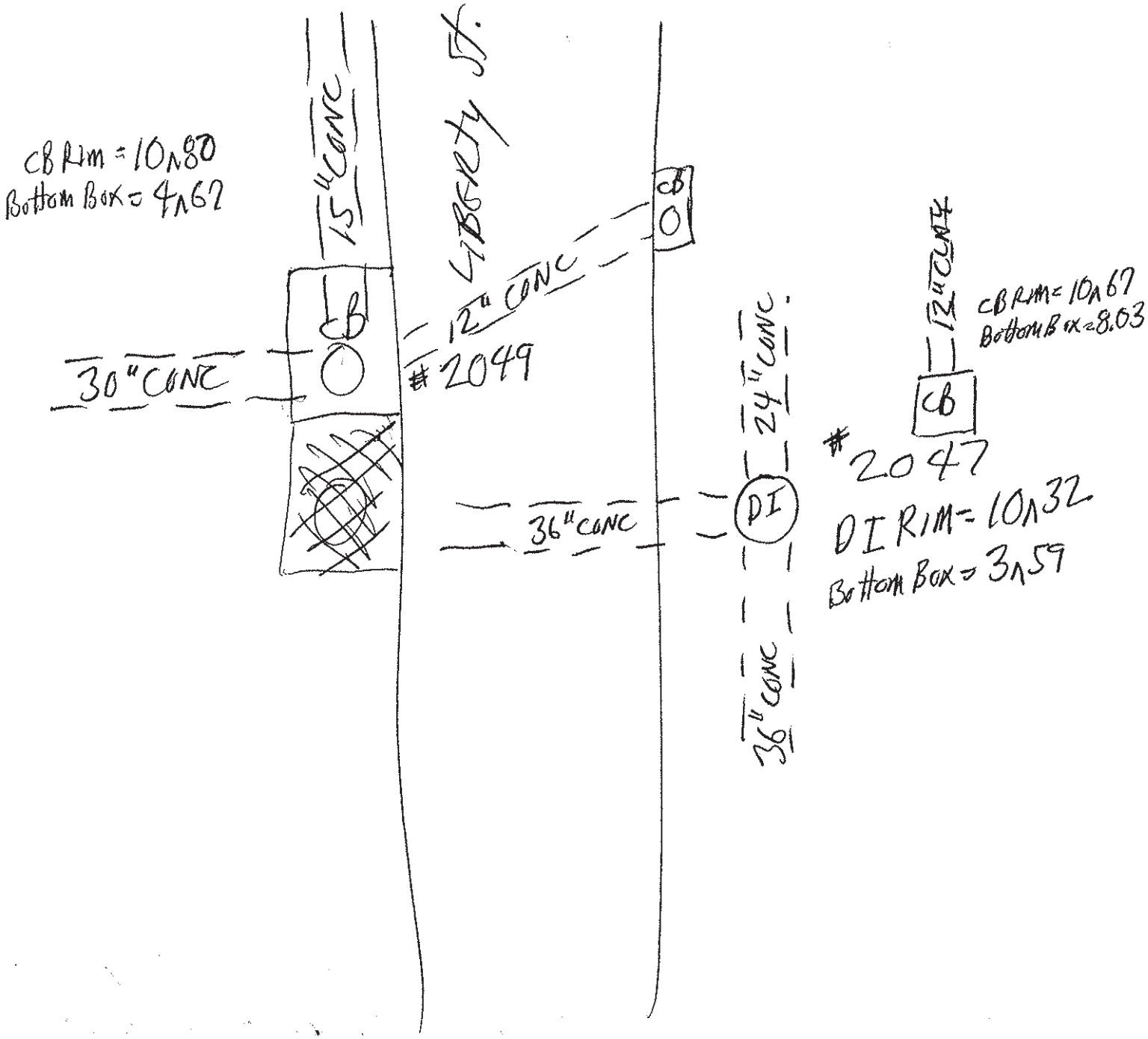
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: NODE 2047 ABOUT 3' FROM EP A DI. WHERE PICTURE SHOWS NODE 2047 IS A CB WITH A 12" PIPE RUNNING NW. NODES 2049 & 2047 DO NOT CONNECT

OVER


CB RIM = 10.80
Bottom Box = 4.62
15" CONC
Liberty St.
CB
12" CONC
30" CONC
#2049
CB
12" CONC
CB RIM = 10.67
Bottom Box = 8.03
CB
#2047
24" CONC
36" CONC
DI
DI RIM = 10.32
Bottom Box = 3.59
36" CONC

Project: SoNo Watershed

Node/Point #: 2063/2061

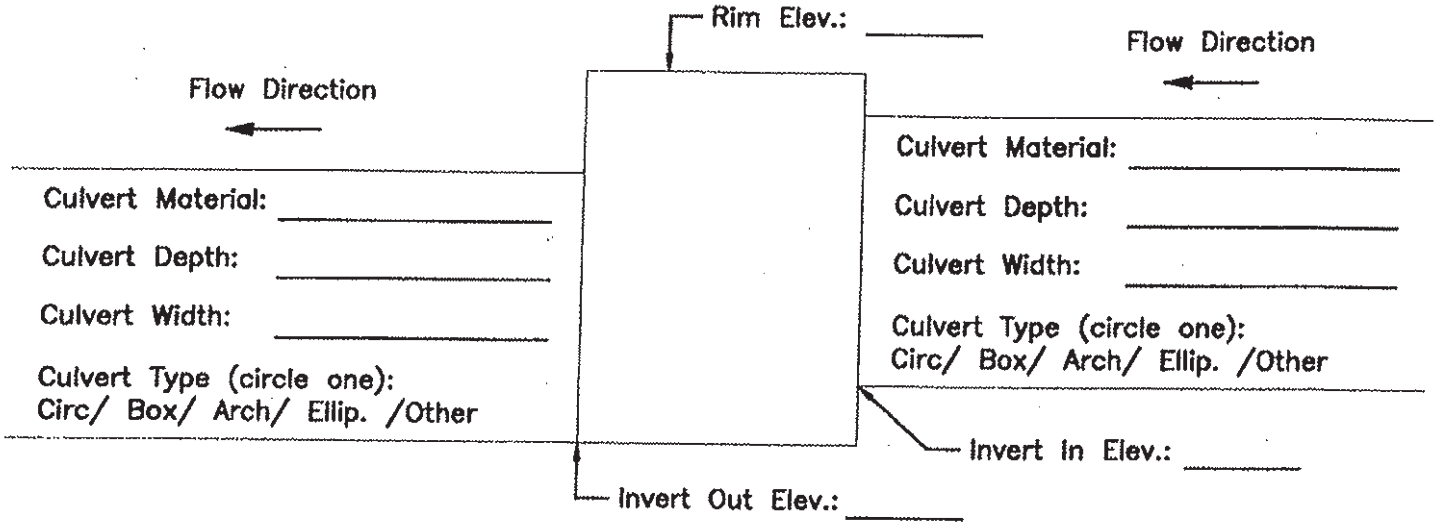
Location/Nearest Intersection: Loc # 4

Date: 16 JAN 08

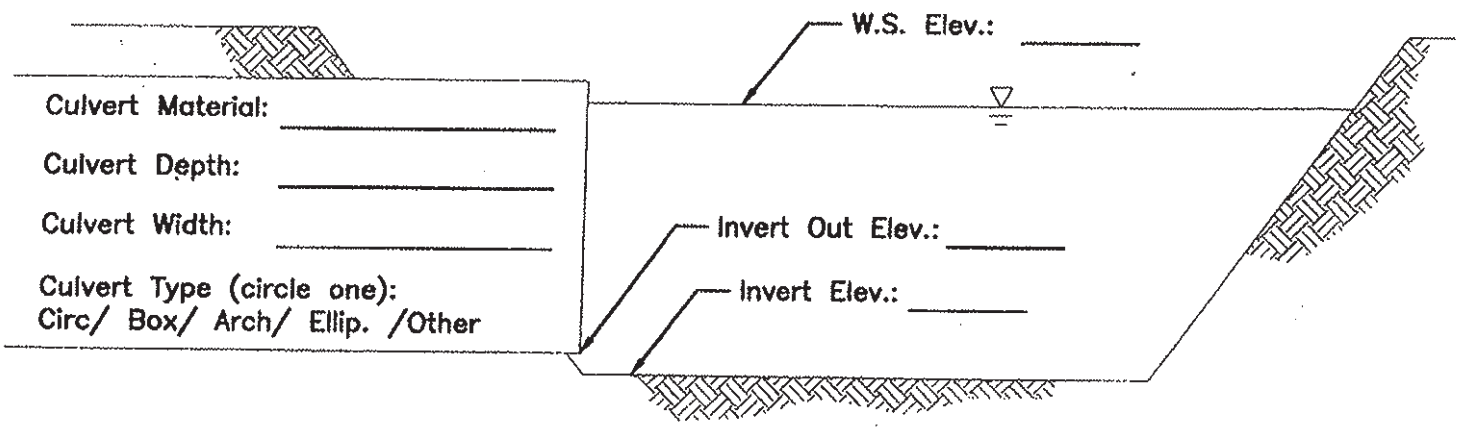
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM 4307



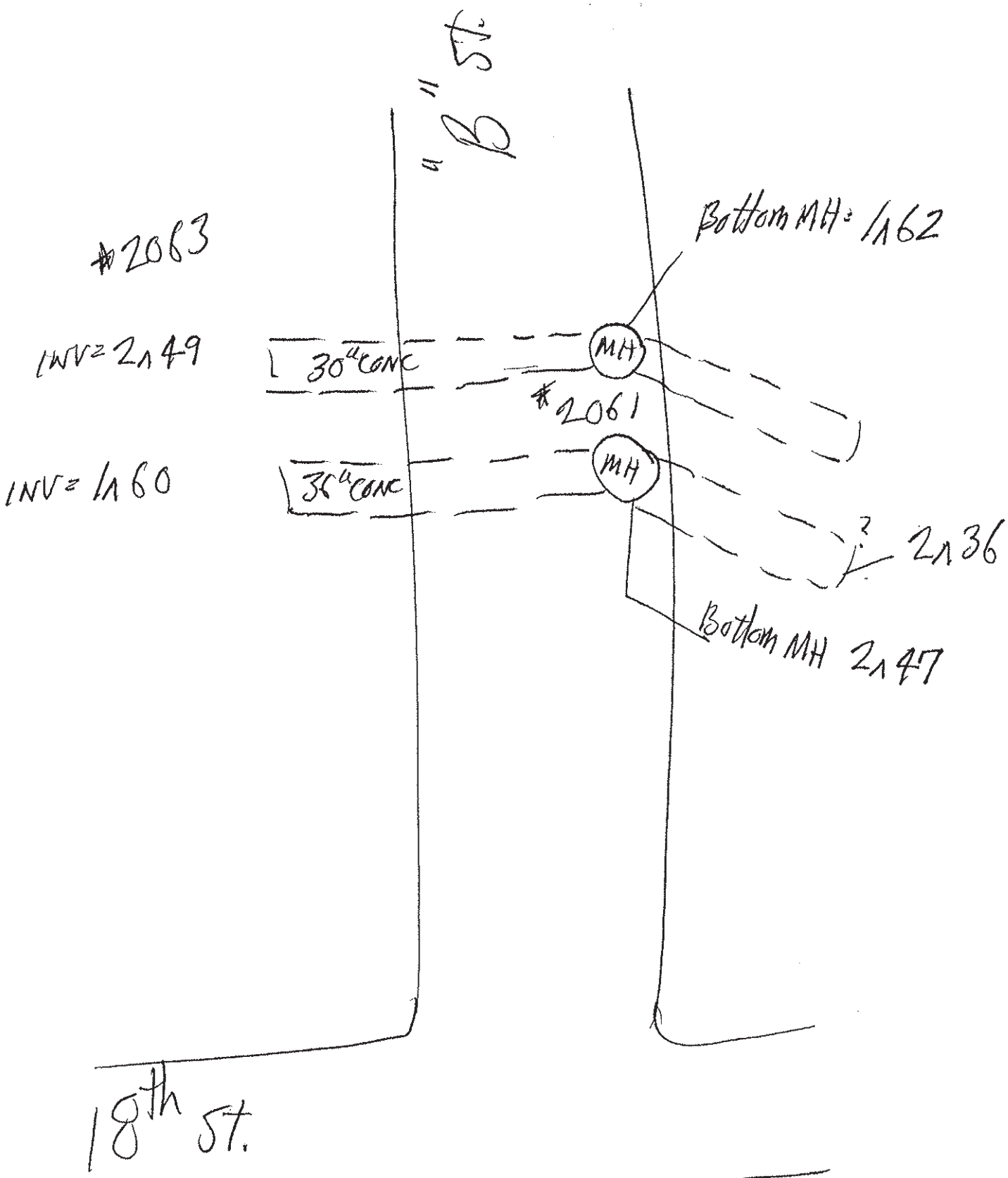

CULVERT JUNCTION/INLET CULVERT




OUTLET CULVERT LAKE

Additional description of the point location:

OVER


"B" St.
#2063
INV=2.49
30" CONC
MH
Bottom MH: 1.62
#2061
INV=1.60
36" CONC
MH
?
2.36
Bottom MH 2.47
18th St.

Project: SoNo WATERSHED

Node/Point #: 2099/2097/2105/2103

Location/Nearest Intersection: Loc # 2

Date: 4 JUNE 08

Surveyed By: GAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM MOW 142

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

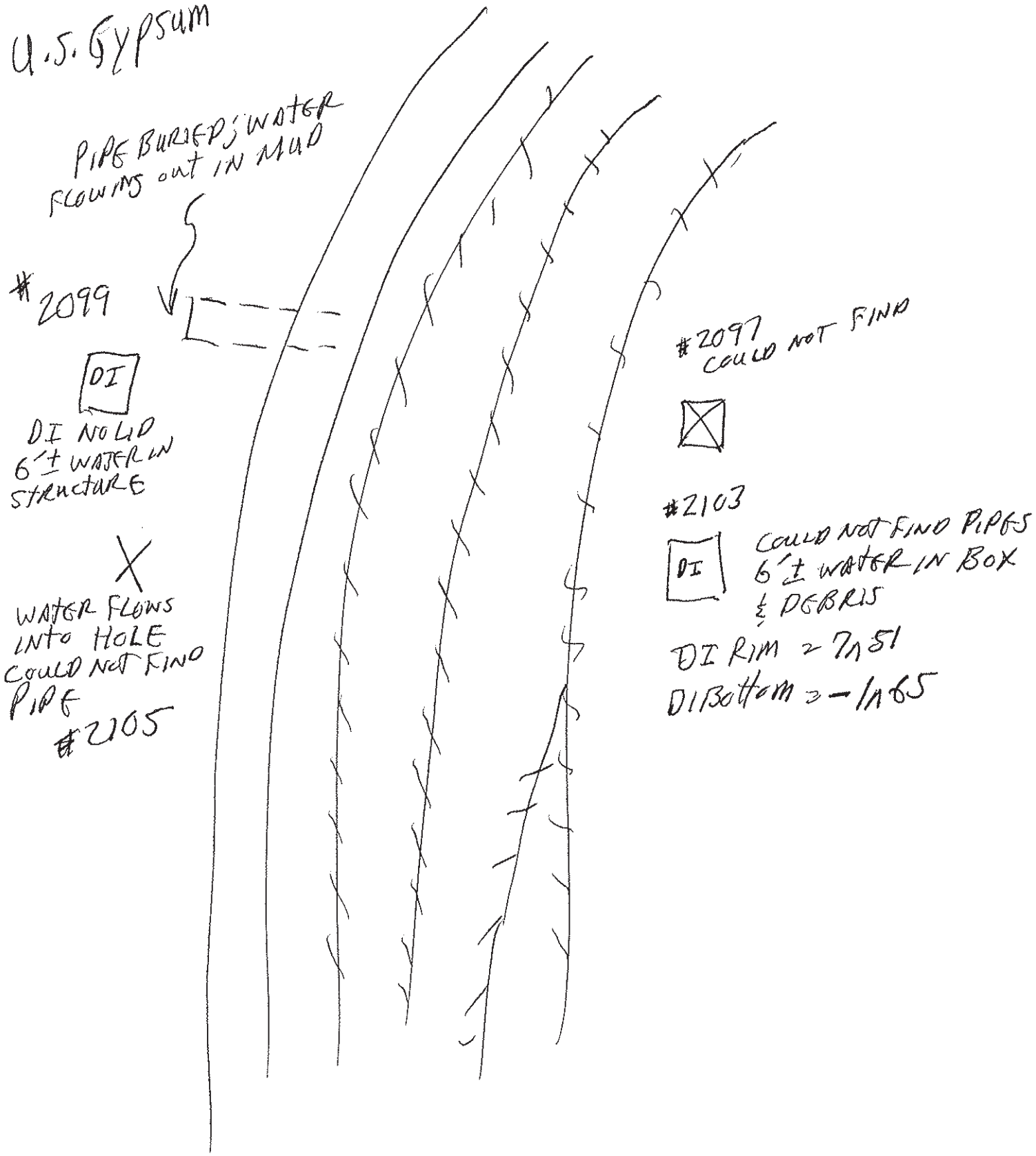
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

OVER


U.S. GYPSUM
PIPE BURIED; WATER FLOWING OUT IN MUD
#2099
DI
DI NO LID
6'± WATER IN STRUCTURE
WATER FLOWS INTO HOLE COULD NOT FIND PIPE
#2105
#2097 COULD NOT FIND
#2103
DI
COULD NOT FIND PIPES
6'± WATER IN BOX & DEBRIS
DI RIM = 7.51
DI Bottom = -1.65

Project: Sono Watershed
Node/Point #: 2109A/2109B
Location/Nearest Intersection: South of location #2

Date: 10 JAN 08
Surveyed By: CAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: _____

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

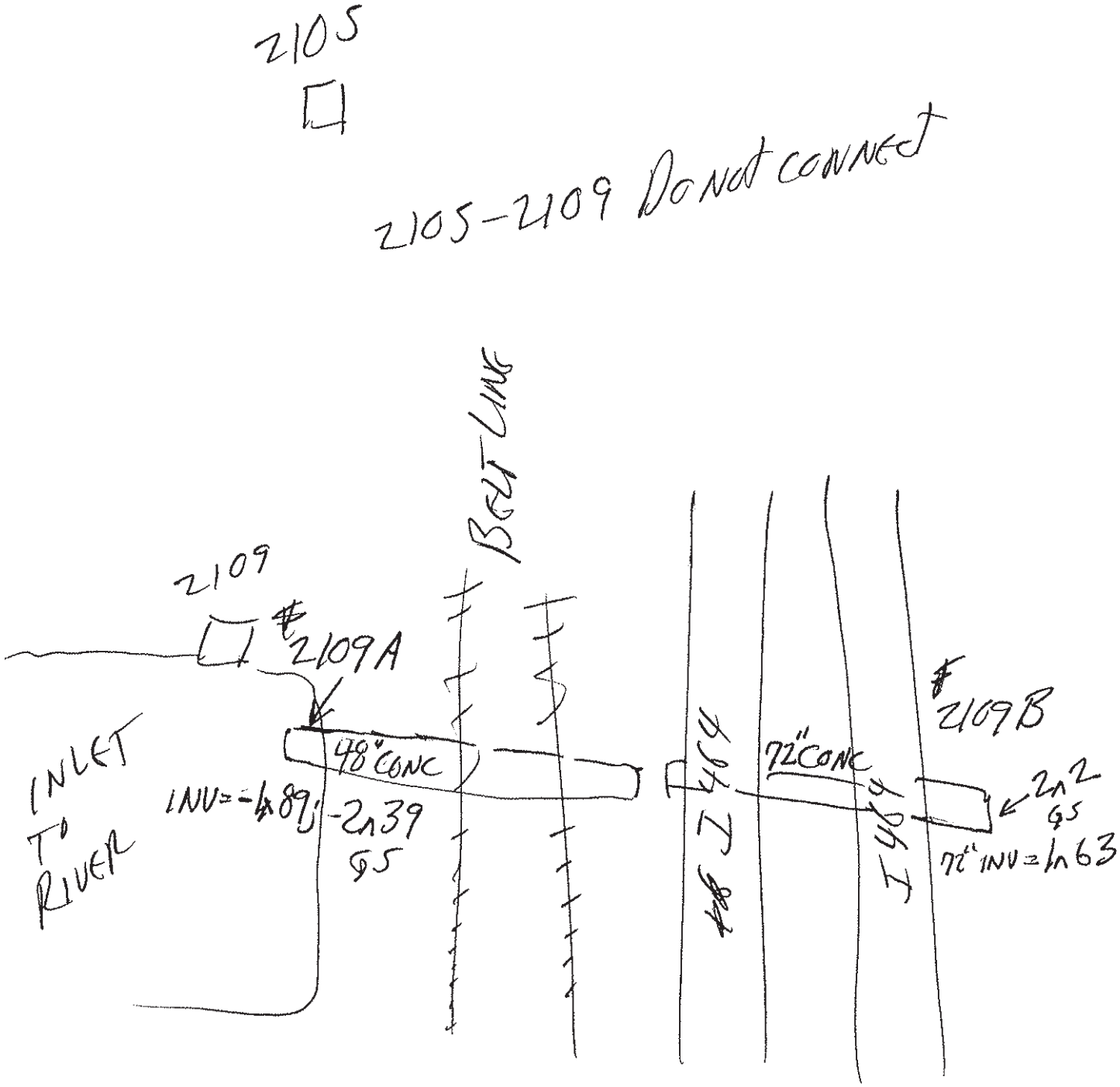
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT | LAKE

Additional description of the point location:

OVER


2105
2105-2109 Do Not connect
BELT LINE
2109
#2109A
48" CONC
INLET TO RIVER
INV=-1.89
-2.39
GS
I 464
72" CONC
I 464
#2109B
2.2
GS
72" INV=1.63

Project: SoNo WATERSHED

Node/Point #: 2117/2133

Location/Nearest Intersection: Loc #7

Date: 16 JUNE 08

Surveyed By: GAC

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM Y-307 (NORFOLK)

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

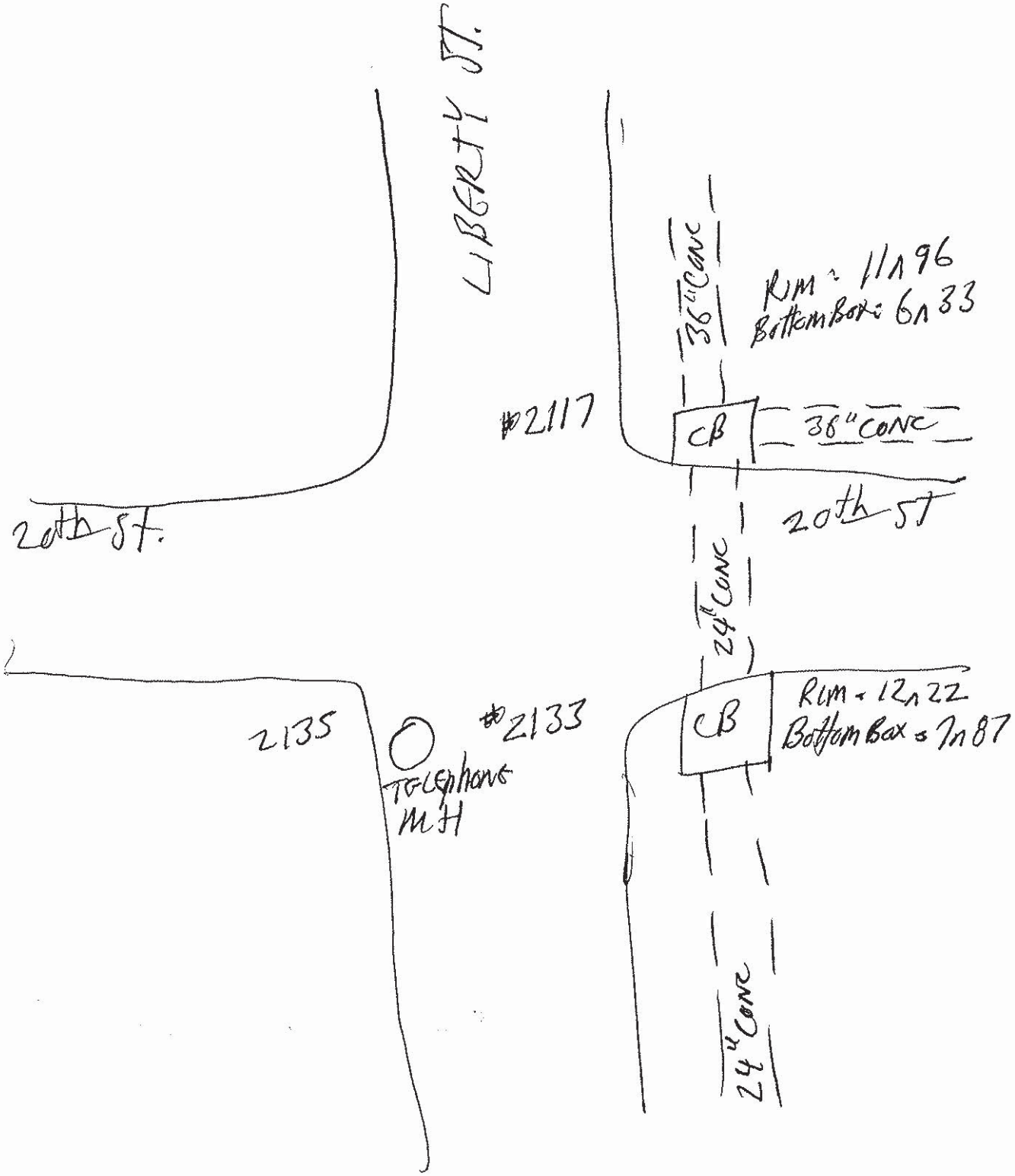
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: #2135 TELEPHONE MH

OVGL


LIBERTY ST.
36" CONC
RIM = 11.96
Bottom Box = 6.33
#2117
CB
36" CONC
20th ST.
20th ST
24" CONC
2135
#2133
Telephone MH
CB
RIM = 12.22
Bottom Box = 7.87
24" CONC

Project: SoNo Watershed

Node/Point #: 2129

Location/Nearest Intersection: Loc # 88

Date: 16 JAN 08

Surveyed By: EAC

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Derived from Y 307

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

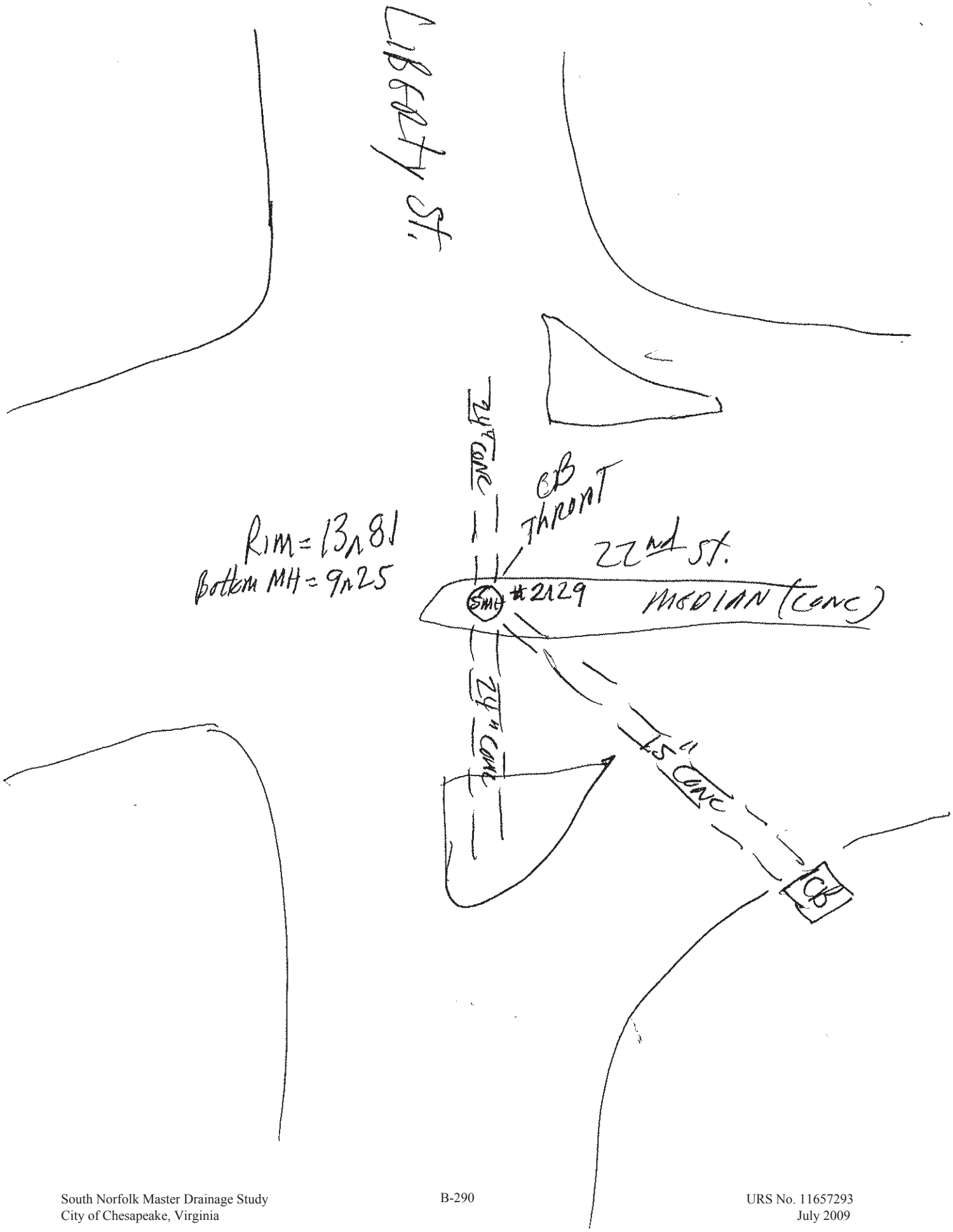
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: LOCATION IN PAVEMENT A SS MH NODE 2129

OVER


Liberty St.
24" CONC
CB
THROAT
RIM = 13.81
Bottom MH = 9.25
22nd St.
SMH
#2129
MEDIAN (CONC)
24" CONC
15" CONC
CB

Project: SONO WATERSHED

Node/Point #: 2205/2219/2217/2203

Location/Nearest Intersection: LOC 78

Date: 11 JUNE 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

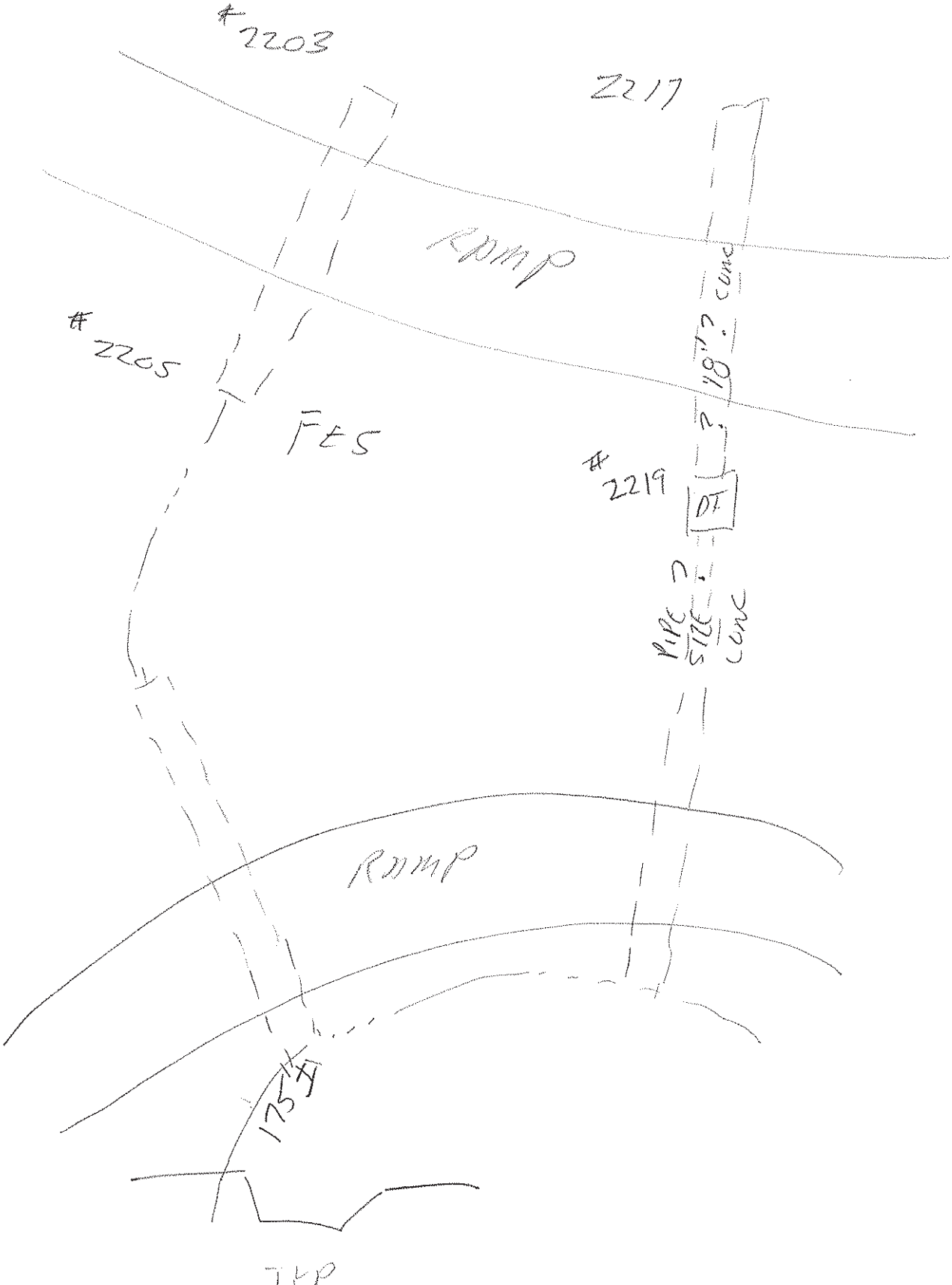
Invert Elev.: _____

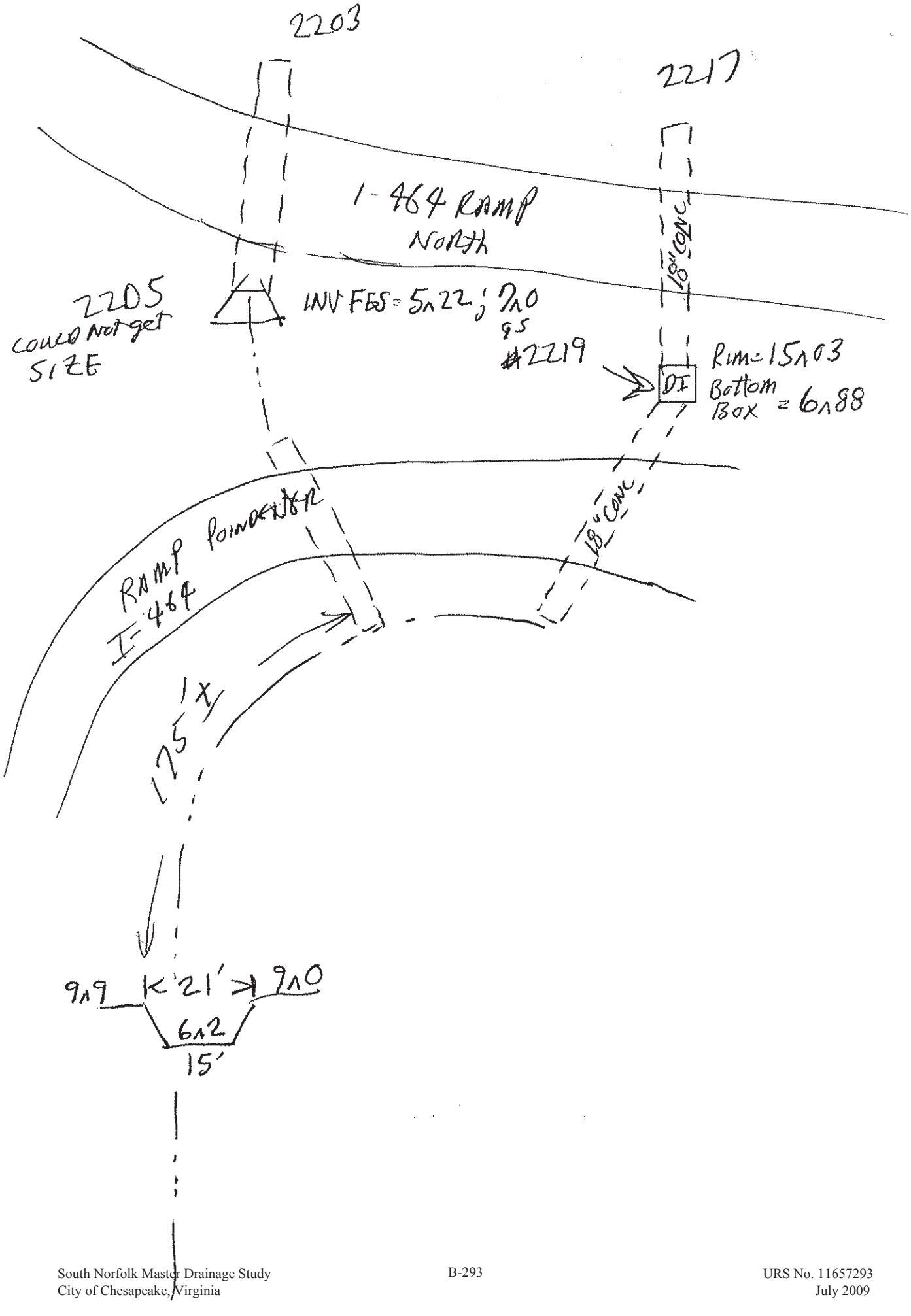
OUTLET CULVERT LAKE

Additional description of the point location: COULD NOT SHOOT 2203/2217

COULD NOT GET PIPE SIZE NODE 2205 – 2203

OVER


#2203
2217
RAMP
#2205
FES
#2219
DT
PIPE ?
SIZE ?
CONC
RAMP
175 H
JFP


2203
2217
I-464 RAMP
North
18" CONC
2205
could Not get
SIZE
INV FES = 5.22; 7.0
gs
#2219
DI
Rim = 15.03
Bottom
Box = 6.88
RAMP POINDEXTER
I-464
18" CONC
175'
9.9
21'
9.0
6.2
15'

Project: SoNo Watershed

Node/Point #: 2249/ 2251

Location/Nearest Intersection: Loc 10

Date: 12 JUNE 08

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

From MOW 142

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

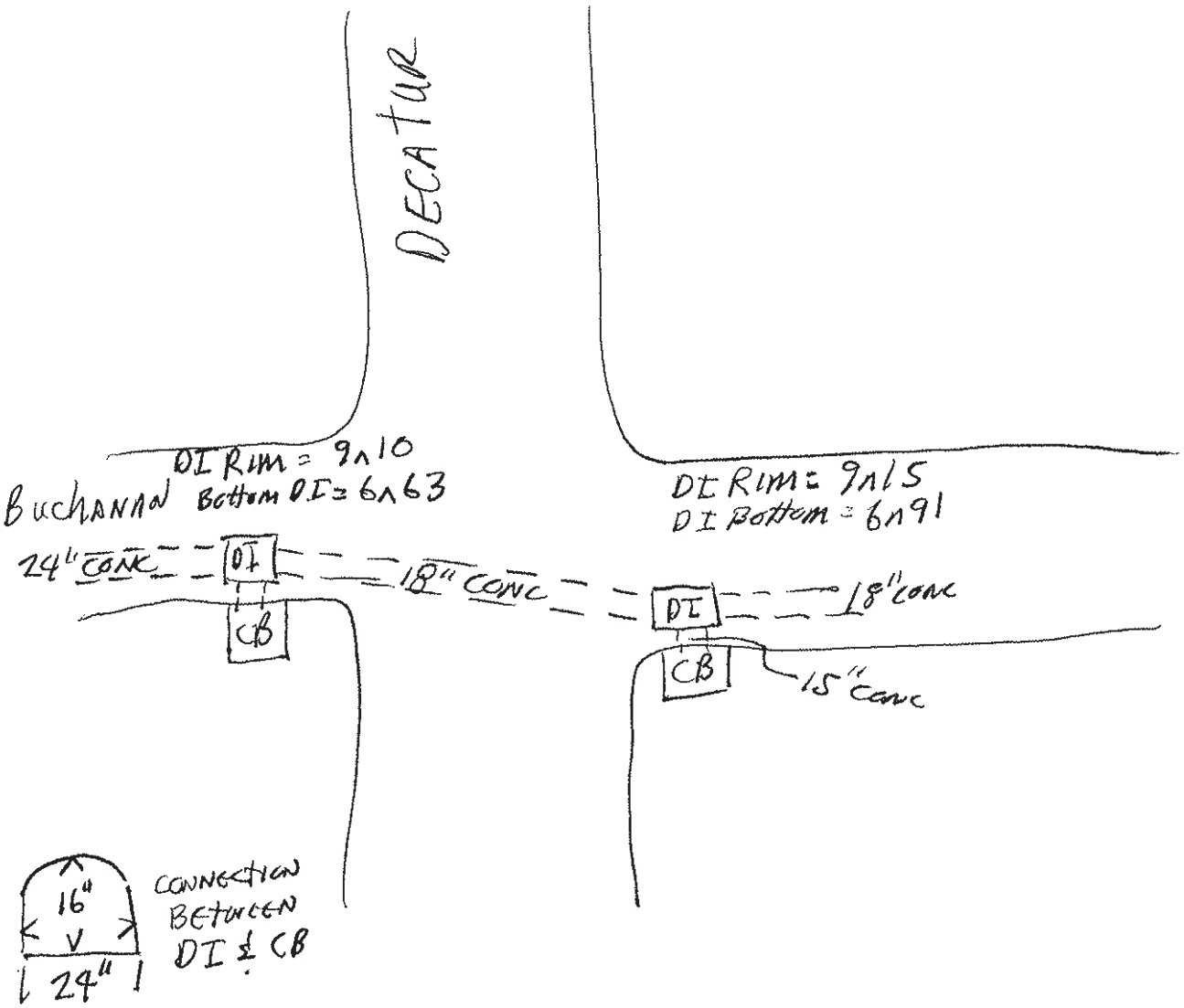
Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: PIPE RUNS BETWEEN DI'S

Not CBS

OVER


DECATUR
DI RIM = 9.10
BUCHANAN Bottom DI = 6.63
DI RIM = 9.15
DI Bottom = 6.91
24" CONC
DI
18" CONC
DI
18" CONC
CB
CB
15" CONC
16"
24"
CONNECTION BETWEEN DI & CB

Project: SAND WATERSHED

Node/Point #: 2281/2279

Location/Nearest Intersection: LOC 76

Date: 11 JUNE 08

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM Y307 (NORFOLK)

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

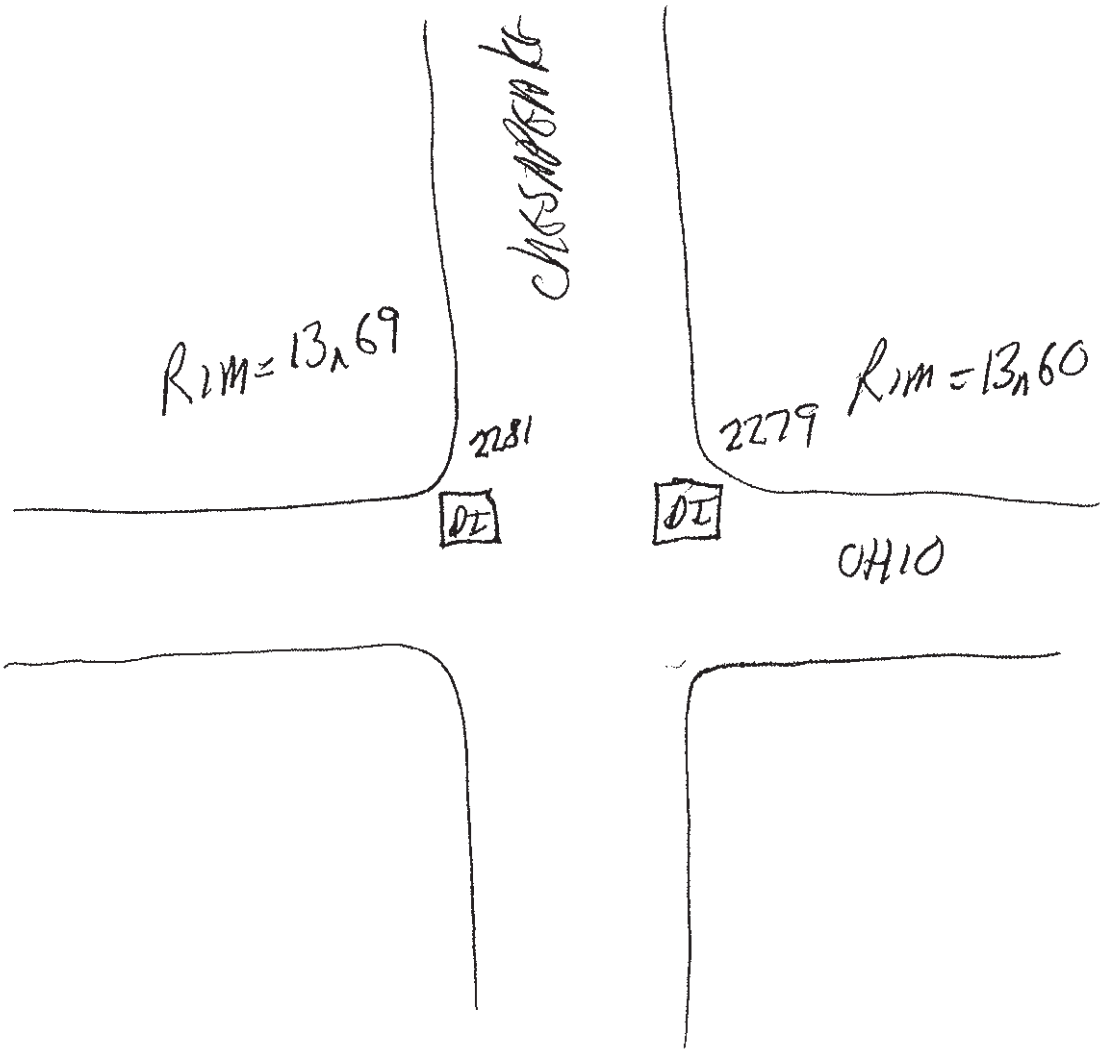
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: COULD NOT OPEN DI'S

OVER


CHESAPEAKE
RIM = 13.69
2281
DI
2279
RIM = 13.60
DI
OHIO

Project: SONO WATERSHED

Node/Point #: 2313/2317

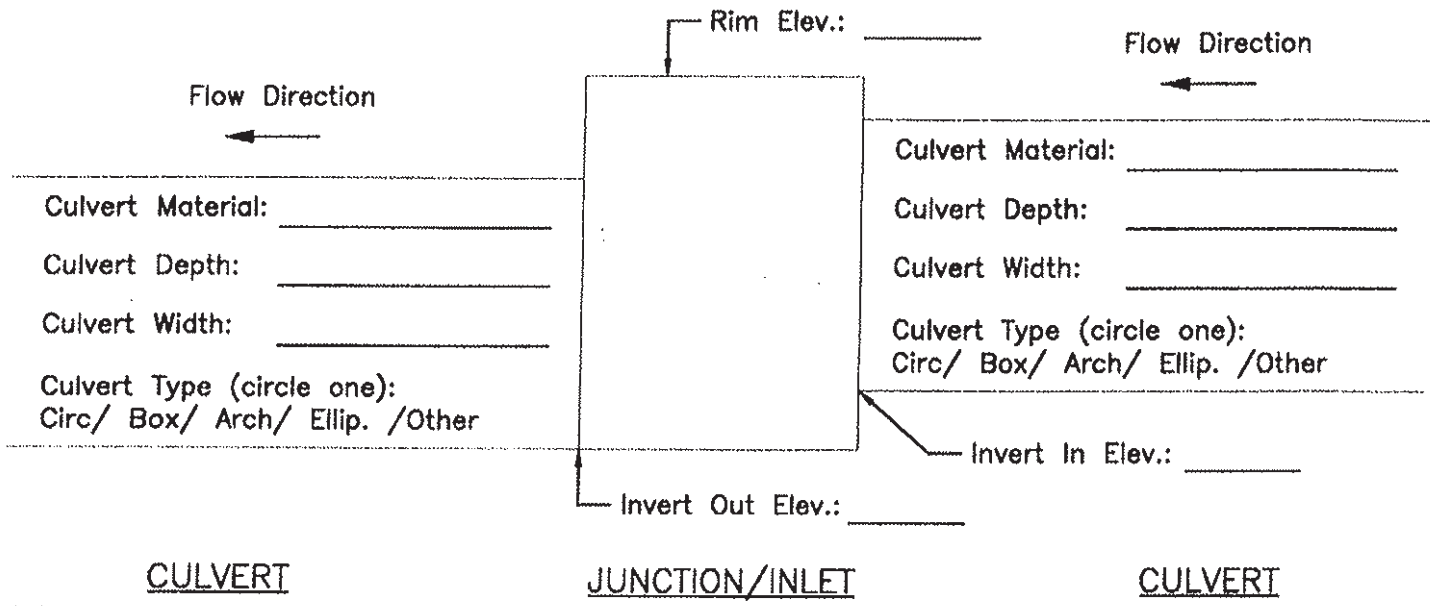
Location/Nearest Intersection: LOC # 13

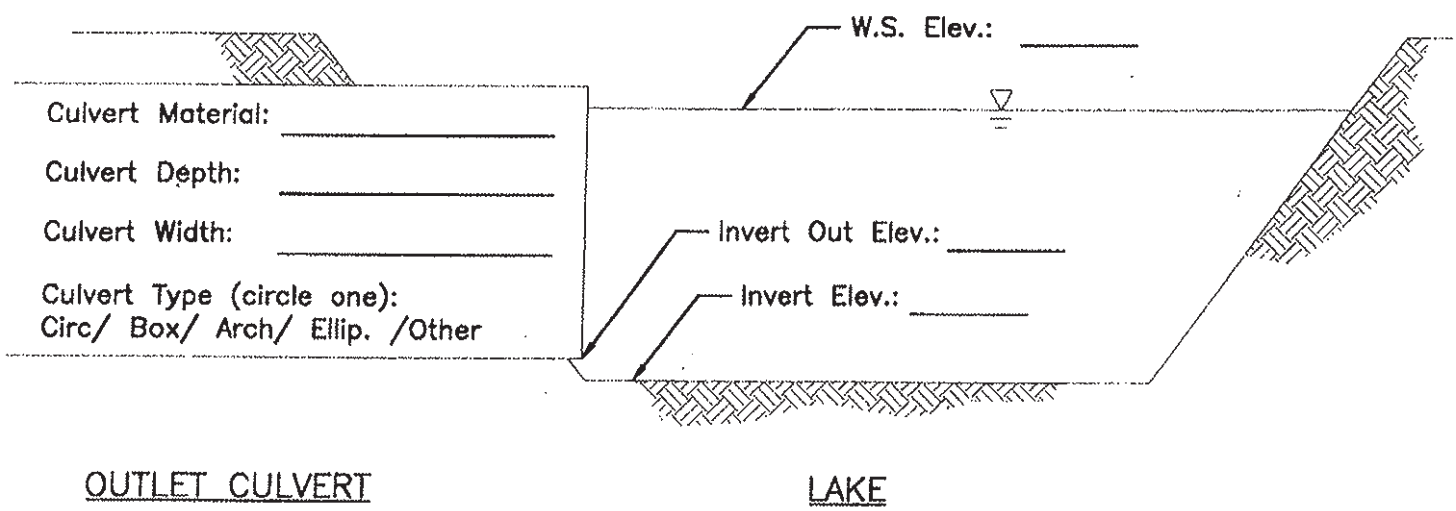
Date: 5 JUNE 08

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

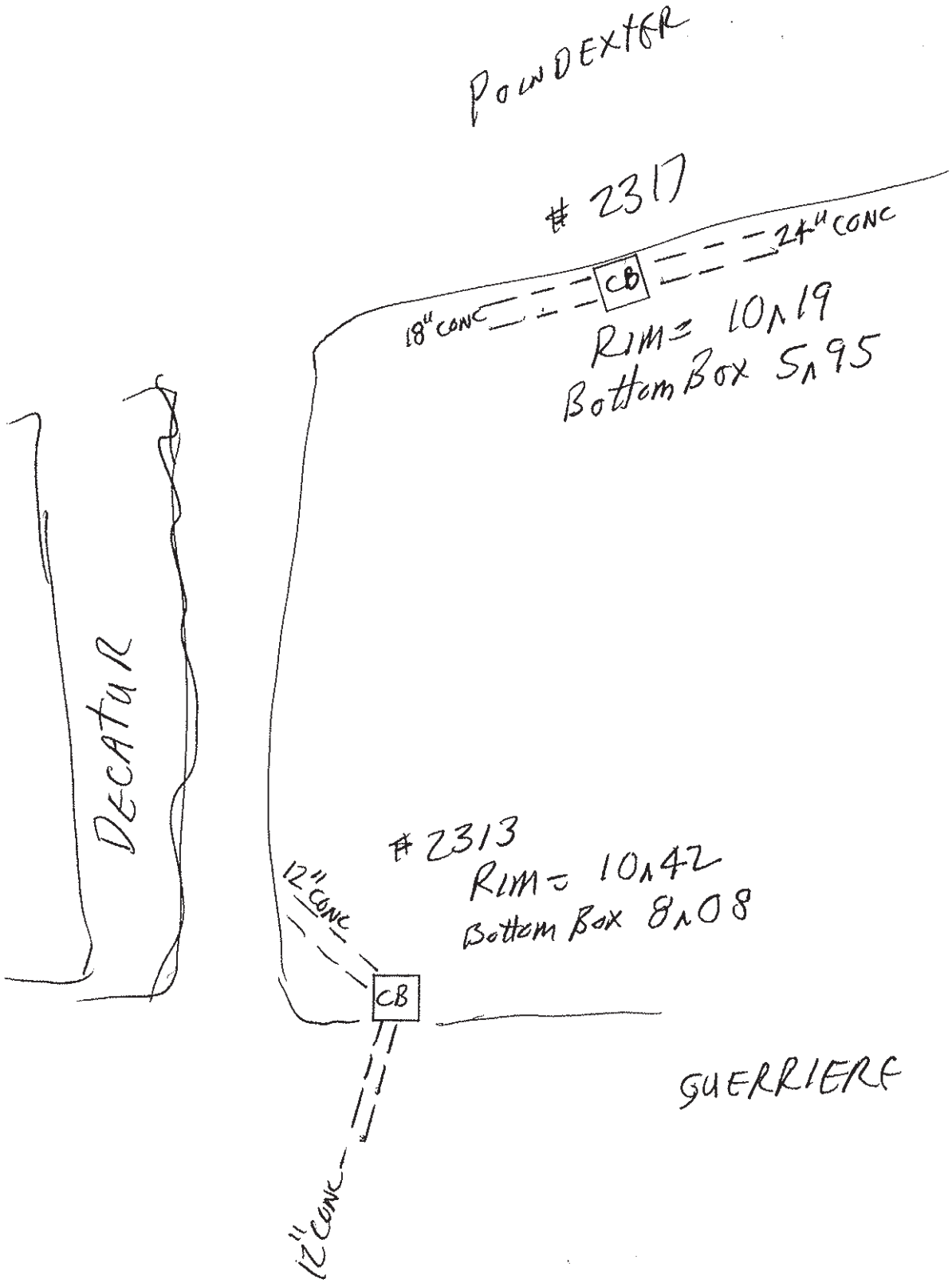
DERIVED FROM PS # 115




Additional description of the point location:

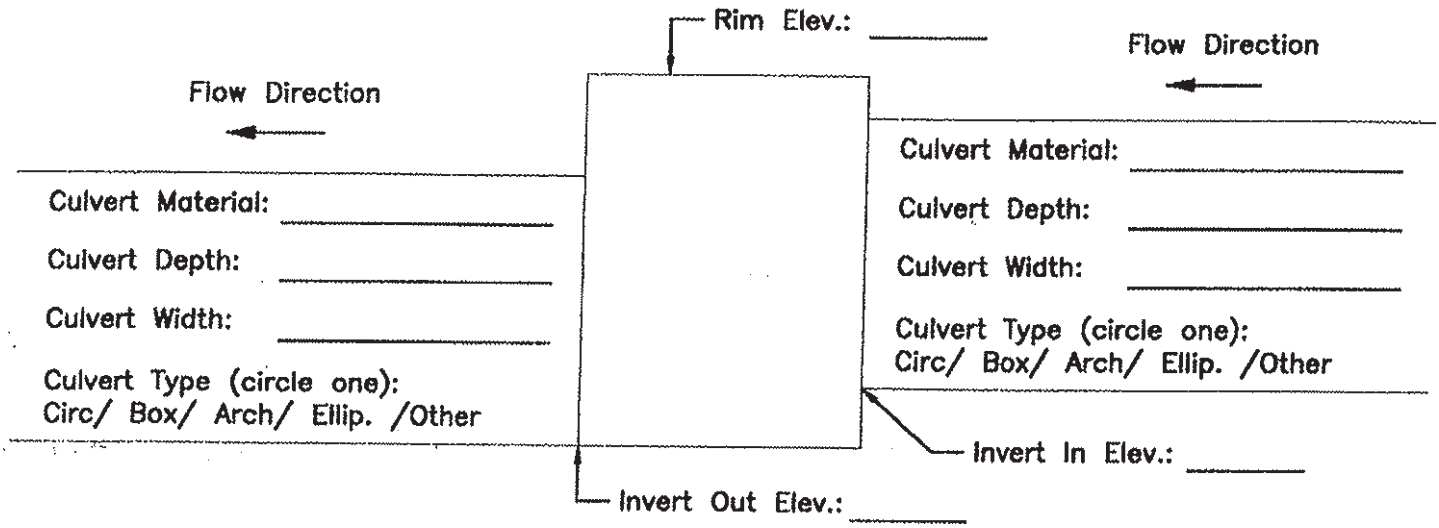
OVER


POWDEXTER
# 2317
24" CONC
CB
18" CONC
RIM = 10.19
Bottom Box 5.95
DECATUR
# 2313
RIM = 10.42
Bottom Box 8.08
12" CONC
CB
GUERRIERE
12" CONC

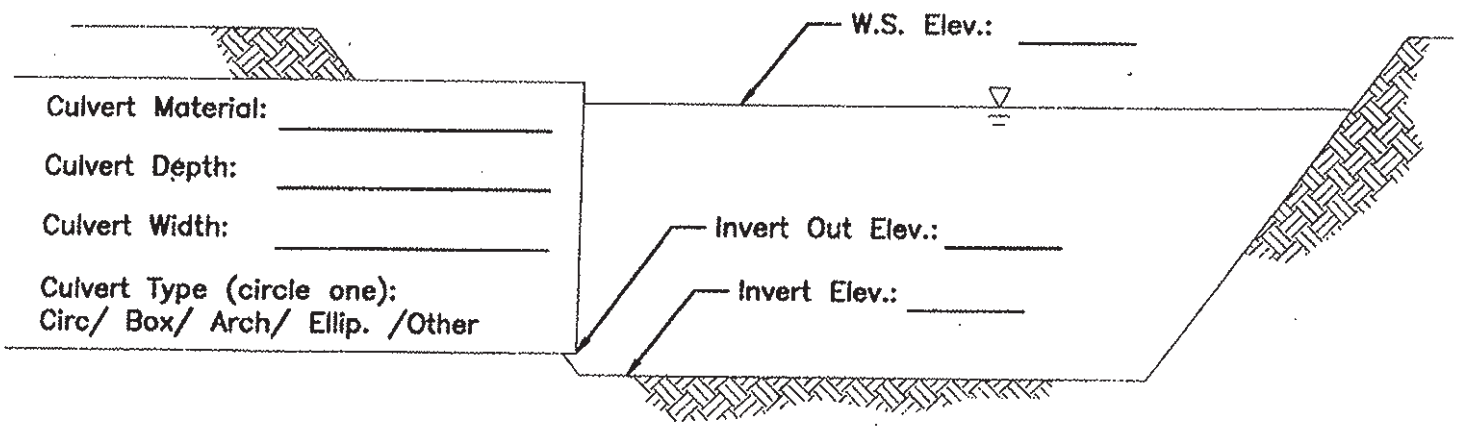
Project: SoNo Watershed
Node/Point #: 2389/2391
Location/Nearest Intersection: Loc 77

Date: 17 June 08
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.
DERIVED FROM PS # 115



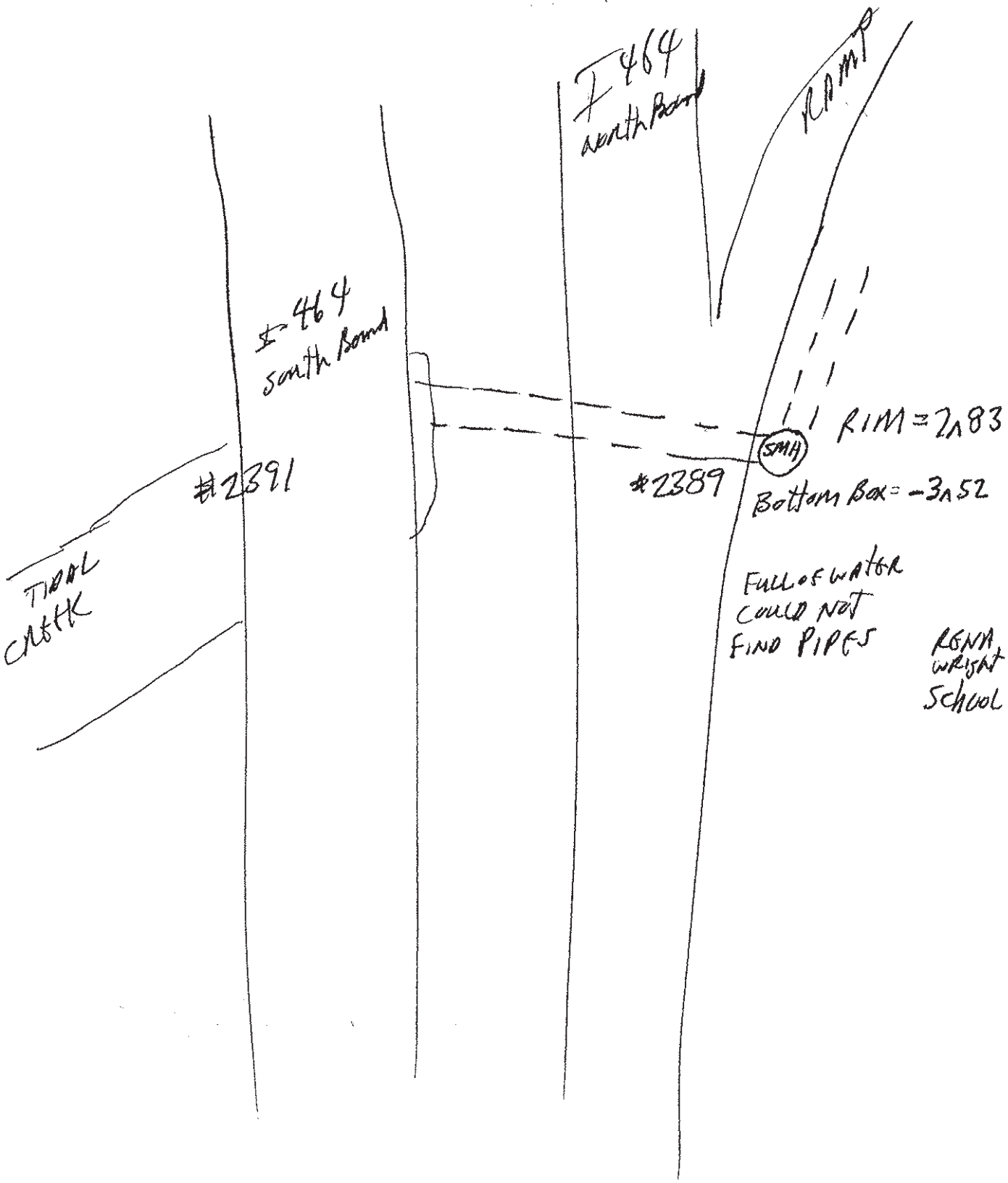

CULVERT JUNCTION/INLET CULVERT




OUTLET CULVERT LAKE

Additional description of the point location: COULD NOT Shoot NODE # 2391

(OVER)


I 464
North Bound
RAMP
I 464
South Bound
RIM = 2.83
SMH
#2391
#2389
Bottom Box = -3.52
TIDAL
CREEK
FULL OF WATER
COULD NOT
FIND PIPES
RENA
WRIGHT
SCHOOL

Project: SONO WATERSHED

Node/Point #: 2445/2449

Location/Nearest Intersection: LOC 19

Date: 5 JUNE 08

Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERRIVED FROM PS 115

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

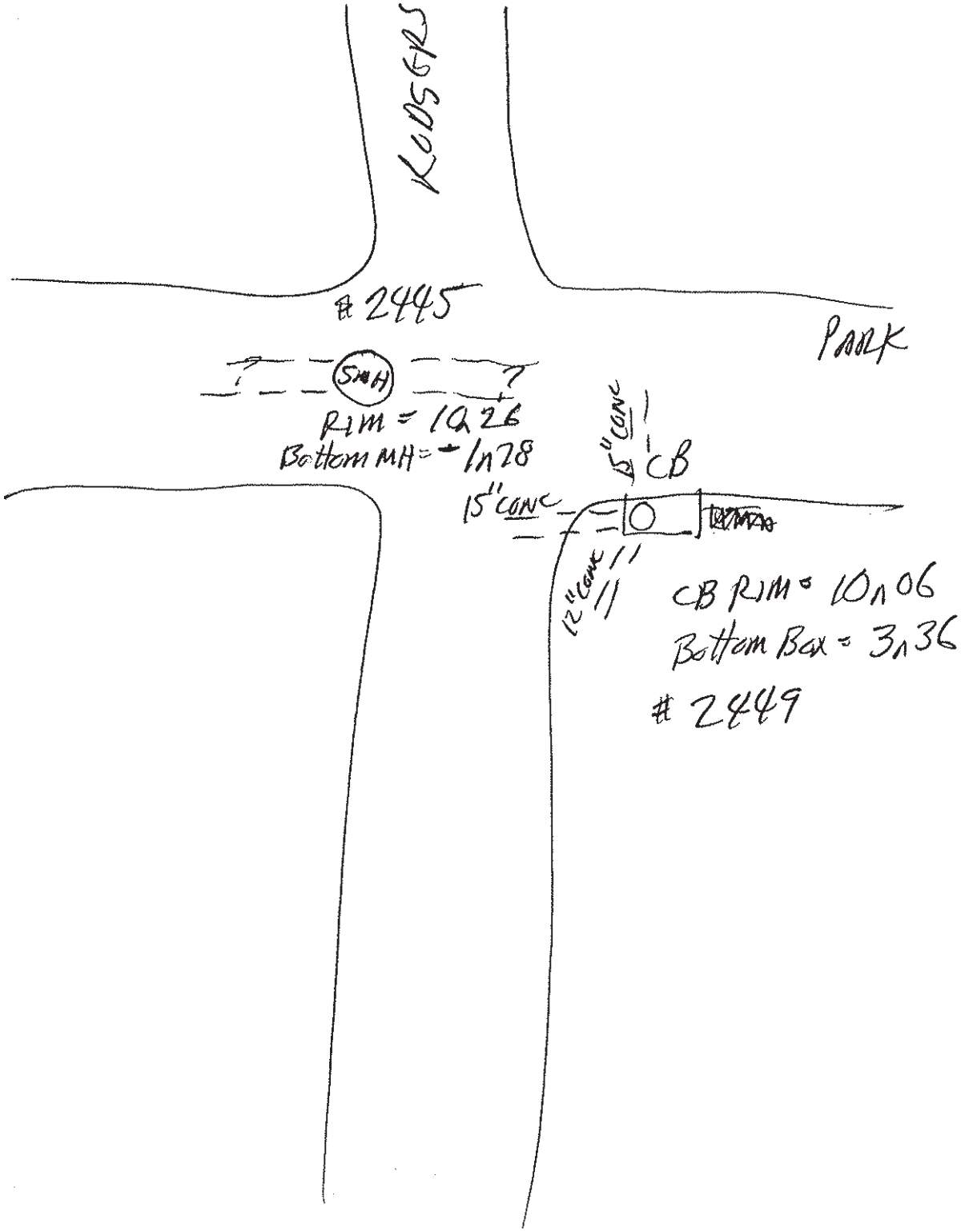
Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location: #2445 CONFLICK MH

TO DEEP to GET SIZES - LARGE?

OVER


KODGERS
#2445
PARK
SMH
RIM = 10.26
Bottom MH = 1.78
15" CONC
15" CONC
CB
12" CONC
CB RIM = 10.06
Bottom Box = 3.36
#2449

Project: SoNo WATERSHED

Node/Point #: 2465

Location/Nearest Intersection: Loc # 16

Date: 5 JAN 08

Surveyed By: CAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM PS # 115

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

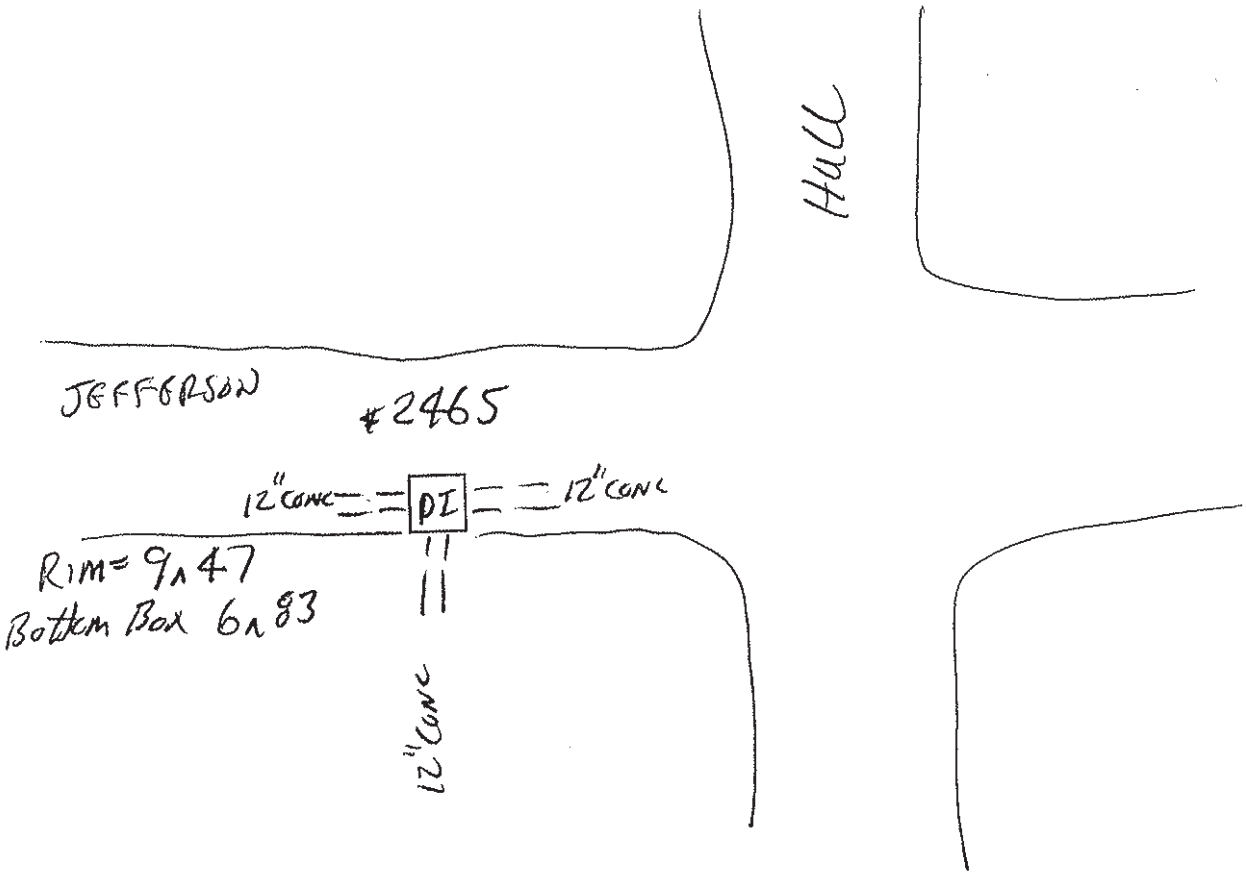
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

OVER


Hull
JEFFERSON
#2465
12" CONC
DI
12" CONC
RIM = 9.47
Bottom Box 6.83
12" CONC

Project: SoNo Watershed

Node/Point #: 2463

Location/Nearest Intersection: Loc 16

Date: ~~FT~~ 5 JAN 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM P.S. #115

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: _____

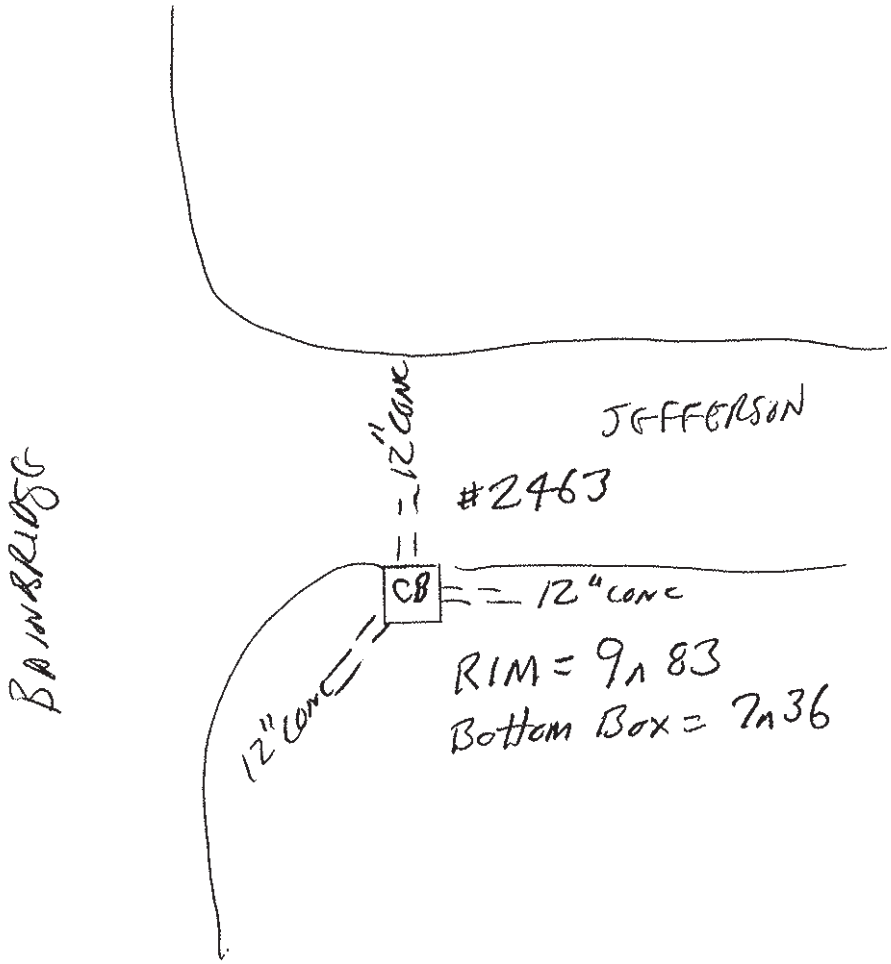
Invert Elev.: _____

OUTLET CULVERT

LAKE

Additional description of the point location:

OUFC


JEFFERSON
#2463
12" CONC
CB
12" CONC
12" CONC
RIM = 9.83
Bottom Box = 7.36
BAINBRIDGE

Project: SoNo WATER SHED

Node/Point #: 2475/2477/2479/2461

Location/Nearest Intersection: Loc 17

Date: 5 JUNE 08

Surveyed By: EDF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

DERIVED FROM # PS 115

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

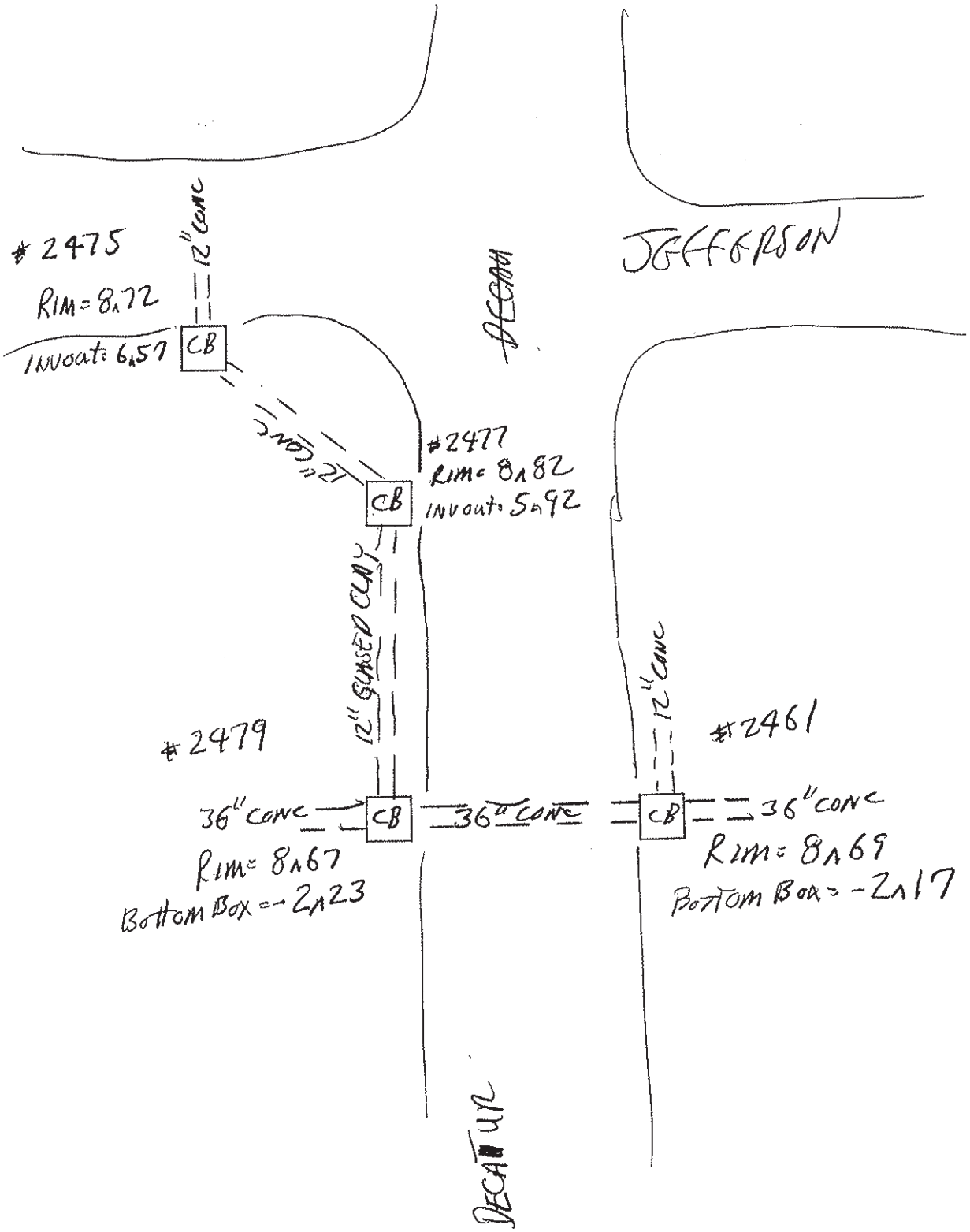
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

OVER


JEFFERSON
DECATUR
#2475
RIM = 8.72
INVout: 6.57
12" CONC
CB
#2477
RIM = 8.82
INVout: 5.92
12" CONC
CB
12" GASED CLAY
#2479
36" CONC
CB
RIM = 8.67
Bottom Box = -2.23
36" CONC
CB
12" CONC
#2461
36" CONC
RIM = 8.69
Bottom Box = -2.17

Project: Sano Watershed

Node/Point #: 2453/2429

Location/Nearest Intersection: Loc 18

Date: 5 June 08

Surveyed By: BNS

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Derived from: PS 115

Rim Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

Invert Out Elev.: _____

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

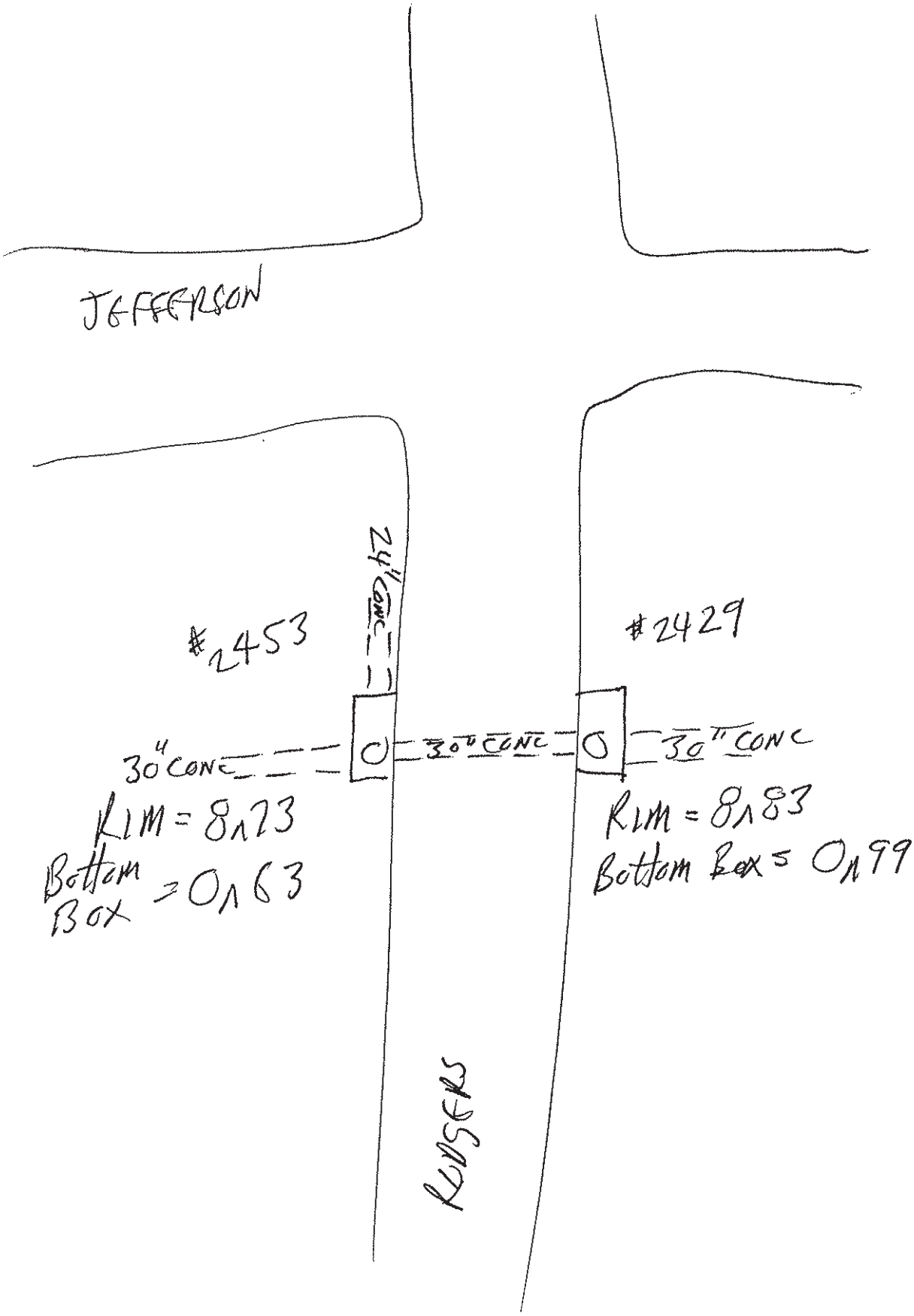
Invert Out Elev.: _____

Invert Elev.: _____

OUTLET CULVERT LAKE

Additional description of the point location:

OVER


JEFFERSON
24" CONC
#2453
#2429
30" CONC
30" CONC
30" CONC
RIM = 8.73
Bottom Box = 0.63
RIM = 8.83
Bottom Box = 0.99
RUDSERS

Project: SONO WATERSHED
Node/Point #: 2505/2529
Location/Nearest Intersection: HOLLY AVE/HALL ST. LOC. #28

Date: 2 JUNE 08
Surveyed By: EAF

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.
ELEV DERIVED FROM P.S. 115

#2529

Flow Direction ←

Culvert Material: CONC
Culvert Depth: 38"
Culvert Width: 60"
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

CULVERT

Rim Elev.: _____

Invert Out Elev.: _____

JUNCTION/INLET

#2505

Flow Direction ←

Culvert Material: CONC
Culvert Depth: 38"
Culvert Width: 60"
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: _____

CULVERT

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

OUTLET CULVERT

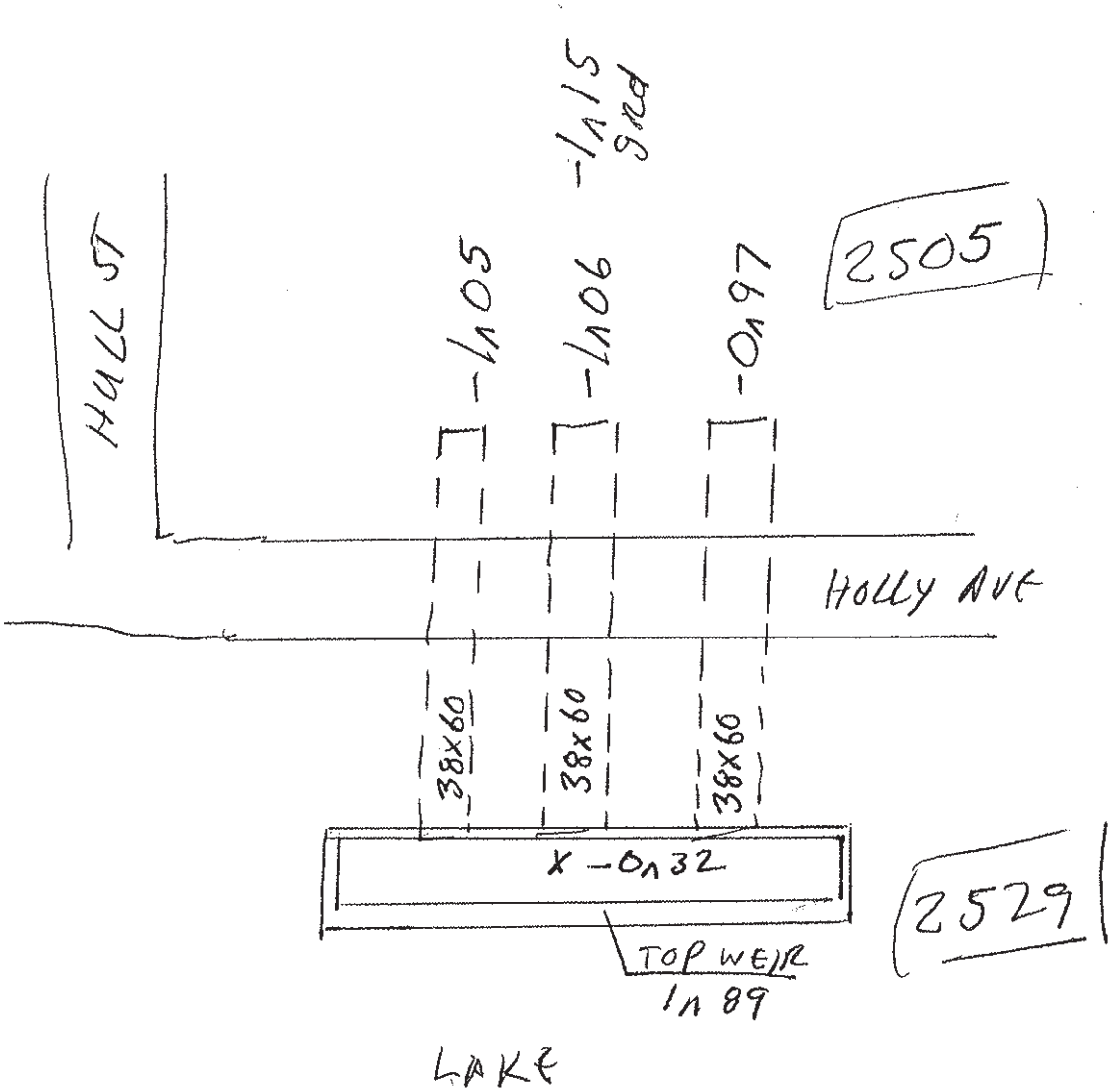
W.S. Elev.: _____

Invert Out Elev.: _____

Invert Elev.: _____

LAKE

Additional description of the point location: #2529 WEIR ELEV. = 1.89
NO PIPE FROM 2527 to 2529, 3 38"x60" FROM 2505 to 2529
NORTH END WEST to EAST INVS. =
OUTFALL LAKE END shot IN FRONT OF CENTER PIPE CONCRETE = – D. 32
OVER


HALL ST
-1.05
-1.06
-1.15
grad
-0.97
2505
HOLLY AVE
38x60
38x60
38x60
x -0.32
2529
TOP WEIR
1.89
LAKE

Project: S N WATERSHED

Node/Point #: 2549

Location/Nearest Intersection: 31

Date: 6-20-08

Surveyed By: Meekins

PG 115

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 5.53

Flow Direction ←

Culvert Material: CONC PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction ←

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.:

Invert Out Elev.: 0.53

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

Project: SN WATERSHED

Node/Point #: 2551

PS 115 Location/Nearest Intersection: 31

Date: 6-20-08

Surveyed By: Merkins

THIS FORM SHALL BE USED TO DESCRIBE THE CONFIGURATION, DIMENSIONS AND ELEVATIONS AT EACH POINT LOCATION.

Rim Elev.: 5.60

Flow Direction

Culvert Material: CONC PIPE

Culvert Depth: 36"

Culvert Width: 36

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Flow Direction

Culvert Material: CONC PIPE

Culvert Depth: 36"

Culvert Width: 36"

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

Invert In Elev.: 0.41

Invert Out Elev.: 0.29

CULVERT JUNCTION/INLET CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

Culvert Type (circle one): Circ/ Box/ Arch/ Ellip. /Other

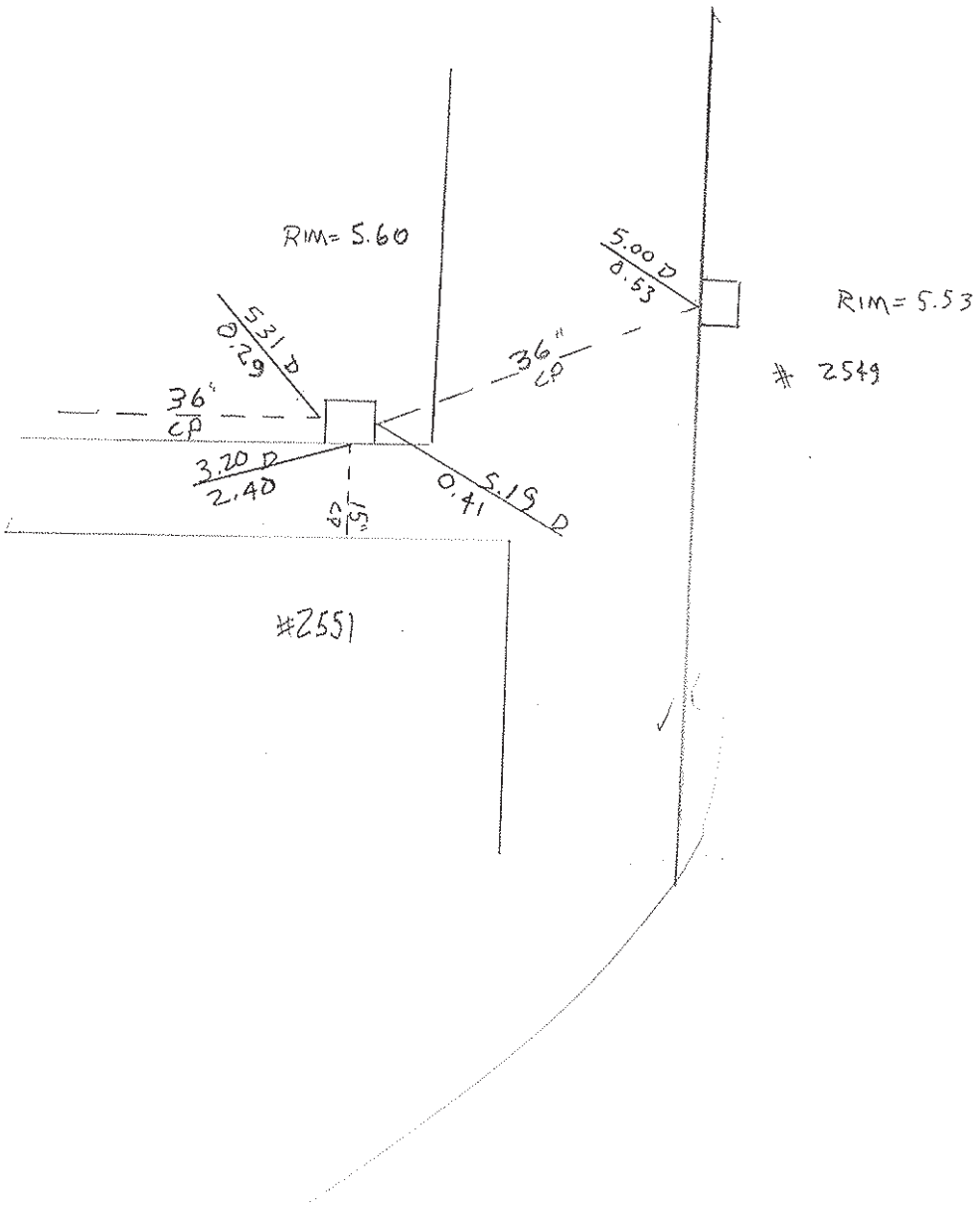
Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT LAKE

Additional description of the point location:

PS115


RIM= 5.60
5.00 D
0.53
RIM= 5.53
5.31 D
0.29
36" CP
36" CP
# 2549
3.20 D
2.40
15" CP
0.41
5.19 D
#2551