# Appendix B

# Survey Data

US Army Corps
of Engineers
Norfolk District

Chesapeake
VIRGINIA
Department of Public Works

URS

Project: Indian River Watershed
Node/Point #: Location 1 / Node 107
Location/Nearest Intersection: _____

Date: 10/29/2010
Surveyed By: BJC/BPW/MSB

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.: 11.98

Culvert Material: Concrete
Culvert Depth: 30"
Culvert Width: 30"
Culvert Type (circle one):
(Circ)/ Box/ Arch/ Ellip. /Other
* Flared End Section

Invert Out Elev.: N/A
Invert Elev.: 10.09

OUTLET CULVERT | LAKE

Additional description of the point location: Only Found 1 pipe on this Lake

Project: Indian River Watershed

Node/Point #: Location 2 / Node 116

Location/Nearest Intersection:

Date: 10/29/10

Surveyed By: BJC/BPW/MSB

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

Rim Elev.: N/A

Flow Direction ←

Culvert Material: Concrete

Culvert Depth: 24"

Culvert Width: 24"

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

★ Flared End Section

Invert Out Elev.: 15.69

CULVERT

JUNCTION/INLET

Flow Direction ←

Culvert Material:

Culvert Depth:

Culvert Width:

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

Invert In Elev.: N/A

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

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

Invert Out Elev.:

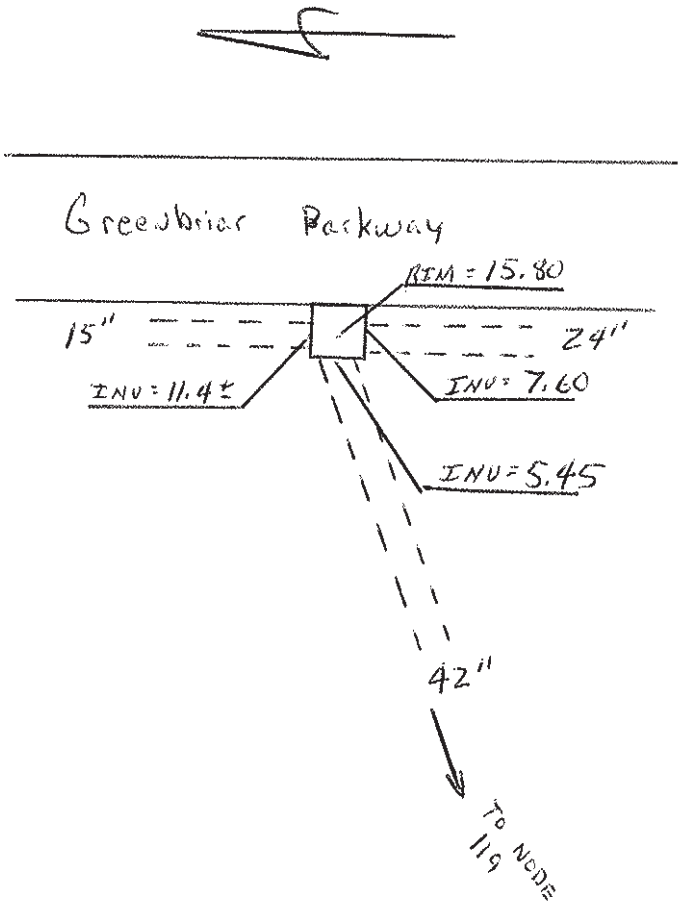
Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location: 1 pipe only 24" FES

Location # 2


Greenbriar Parkway
RIM = 15.80
15"
24"
INV = 11.4±
INV = 7.60
INV = 5.45
42"
TO NODE 119

Project: Indian River Watershed

Node/Point #: Location 2/Node 119

Location/Nearest Intersection: _____

Date: 10/29/10

Surveyed By: BSC/BPW/MSB

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

Rim Elev.: N/A

Flow Direction

Flow Direction

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

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

Invert In Elev.: N/A

Invert Out Elev.: 5.91

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 pipe only 42" Concrete

Project: Indian River Watershed

Node/Point #: Location 2/Node 119

Location/Nearest Intersection:

Date: 10/29/10

Surveyed By: BSC/BPW/MSB

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

Rim Elev.: N/A

Flow Direction

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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.: N/A

Invert Out Elev.: 5.91

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

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

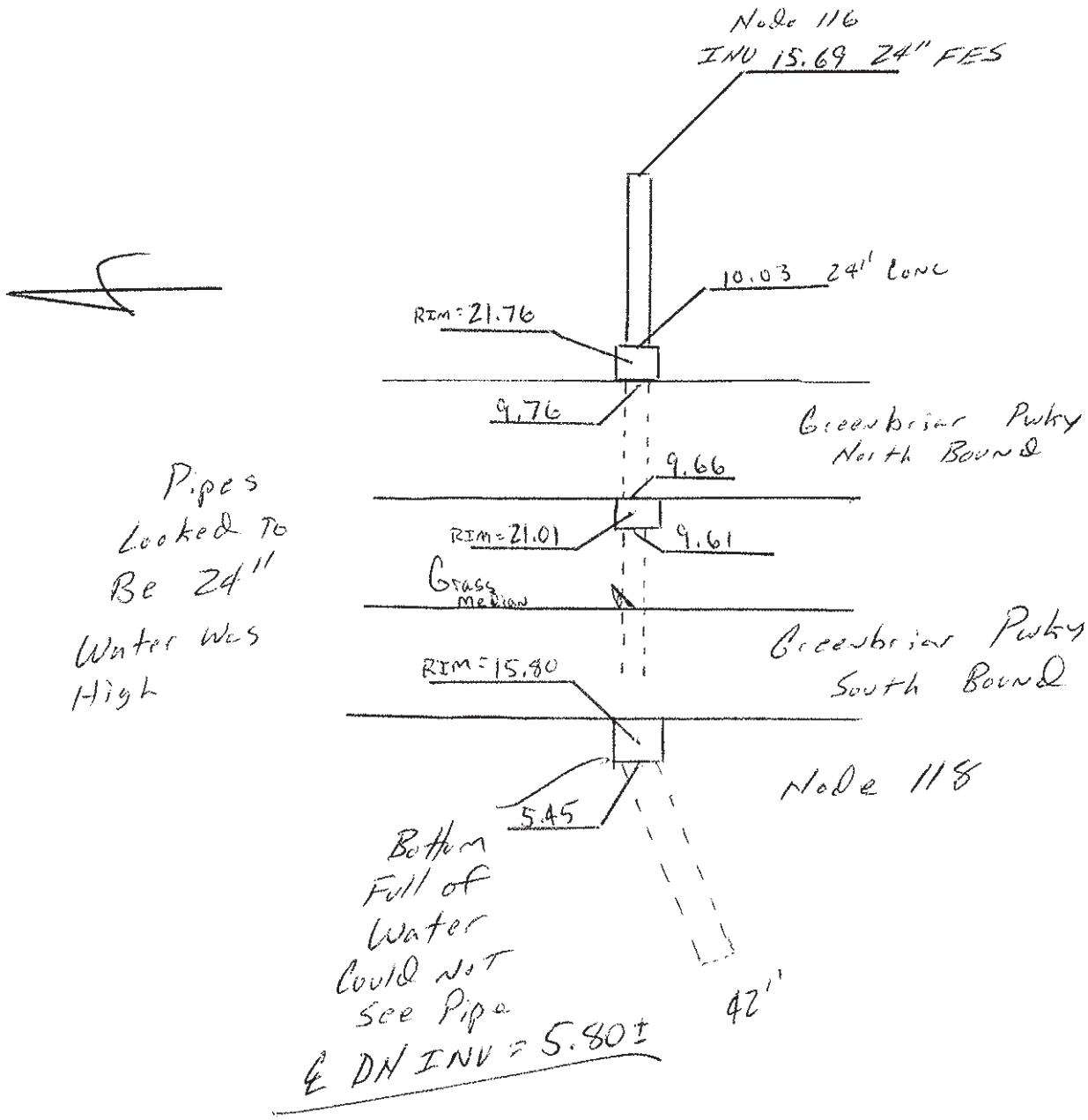
Invert Out Elev.:

Invert Elev.:

OUTLET CULVERT

LAKE

Additional description of the point location: 1 pipe only 42" concrete


Node 116
INV 15.69 24" FES
10.03 24" CONC
RIM = 21.76
9.76
Greenbriar Pwky
North Bound
9.66
RIM = 21.01
9.61
Grass Median
Greenbriar Pwky
South Bound
RIM = 15.80
Node 118
5.45
Pipes Looked To Be 24"
Water Was High
Bottom Full of Water Could Not See Pipe
42"
℄ DN INV = 5.80±

Project: Indian River Watershed
Node/Point #: Location 3/Node 123
Location/Nearest Intersection: _____

Date: 11/1/10
Surveyed By: BJC/BPW/MSB

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.: 10.45 Node 123
3:10 P.M.

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 outfall pipes. Banks of Pond Has Heavy Brush.

Project: Indian River Watershed

Date: 10/27/10

Node/Point #: Location 4/Nodes 129+145

Surveyed By: BJC/BPW/MSB

Location/Nearest Intersection: _____

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.: 10.15 Node 145
W.S. Elev.: 10.34 Node 129 } 3:45PM

Culvert Material: Concrete

Culvert Depth: 54"

Culvert Width: 54"

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

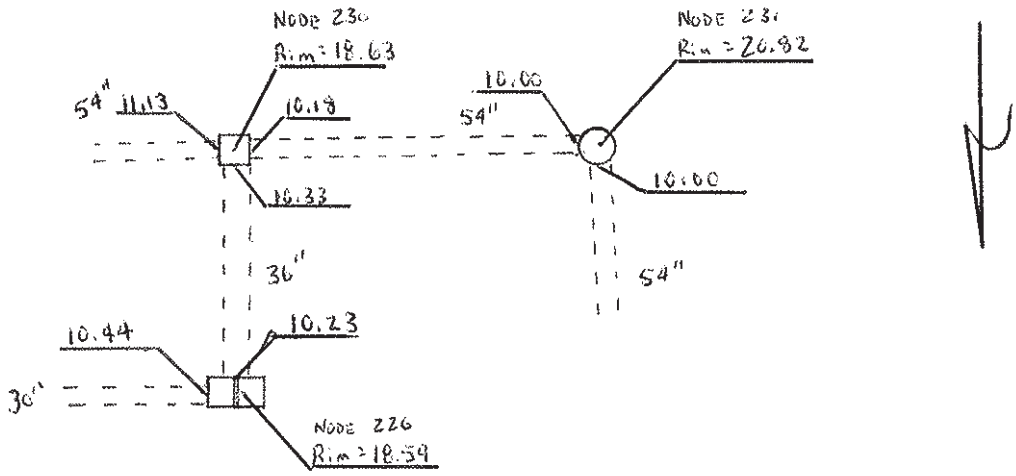
Invert Out Elev.: 6.09 Node 129-A
Invert Out Elev 5.89 Node 129-B
Invert Elev.: 6.55 Node 145-A
Invert Elev 6.50 Node 145-B

OUTLET CULVERT | LAKE

Additional description of the point location: Twin 54" Pipes labled A & B

A is to the North

Location # 5


NODE 230
Rim = 18.63
54"
11.13
10.18
16.33
36"
10.44
10.23
30"
NODE 226
Rim = 18.59
10.00
54"
10.00
54"

Project: Indian River Watershed

Node/Point #: Location 6/Nodes 145/159

Location/Nearest Intersection: _____

Date: 10/29/10

Surveyed By: BJC/BPW/MSB

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.: 10.07 Node 145
W.S. Elev.: 9.95 Node 159
10:45A.M.

Culvert Material: Concrete

Culvert Depth: 84"

Culvert Width: 84"

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

Invert Out Elev.: 2.95 Node 159

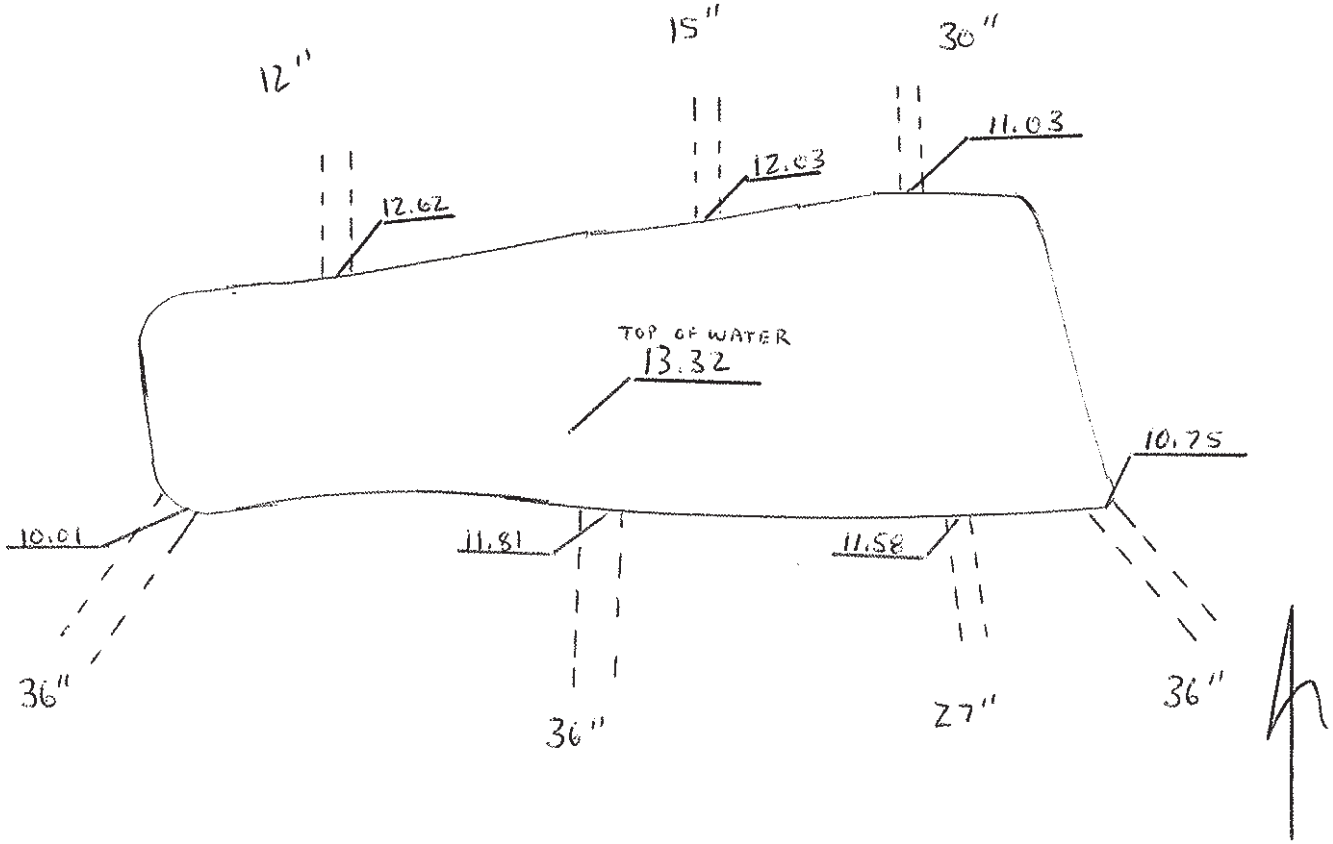
Invert Elev.: 2.77 Node 145

OUTLET CULVERT | LAKE

Additional description of the point location: _____

Location #7

* All Pipes are Concrete



Project: Indian River Watershed

Node/Point #: Location 8/Nodes 240 + 241

Location/Nearest Intersection: _____

Date: 11/2/10

Surveyed By: BJC/BPW/MSB

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.: _____

CULVERT — JUNCTION/INLET — CULVERT

W.S. Elev.: 10.26 @ 2:00 P.M.

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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

Invert Out Elev.: 7.22 Node 241

Invert Elev.: 7.76 Node 240

OUTLET CULVERT — LAKE

Additional description of the point location:

Project: Indian River Watershed

Node/Point #: Location 9 / Nodes 241 + 244

Location/Nearest Intersection:

Date: 11/3/10

Surveyed By: BJC/BPW

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.: 10.25 @ 9:30 A.M.

Culvert Material:

Culvert Depth:

Culvert Width:

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

~~Invert Out Elev.~~: Node 241 = 9.75

~~Invert Elev.~~: Node 244 = 9.55

OUTLET CULVERT

LAKE

Additional description of the point location: * Note: Could Not find any pipes in Lakes, Shots are at bottom edge of Lake

Project: Indian River Watershed

Node/Point #: Location 10/Nodes 159 + 323

Location/Nearest Intersection:

Date: 11/2/2010

Surveyed By: BJC/BPW/MSB

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.: 10.22 @ 10:15 A.M.

Culvert Material: Corrugated Metal

Culvert Depth: 120"

Culvert Width: 120"

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

Invert Out Elev.: 1.52 Node 323

Invert Elev.: 2.02 Node 159

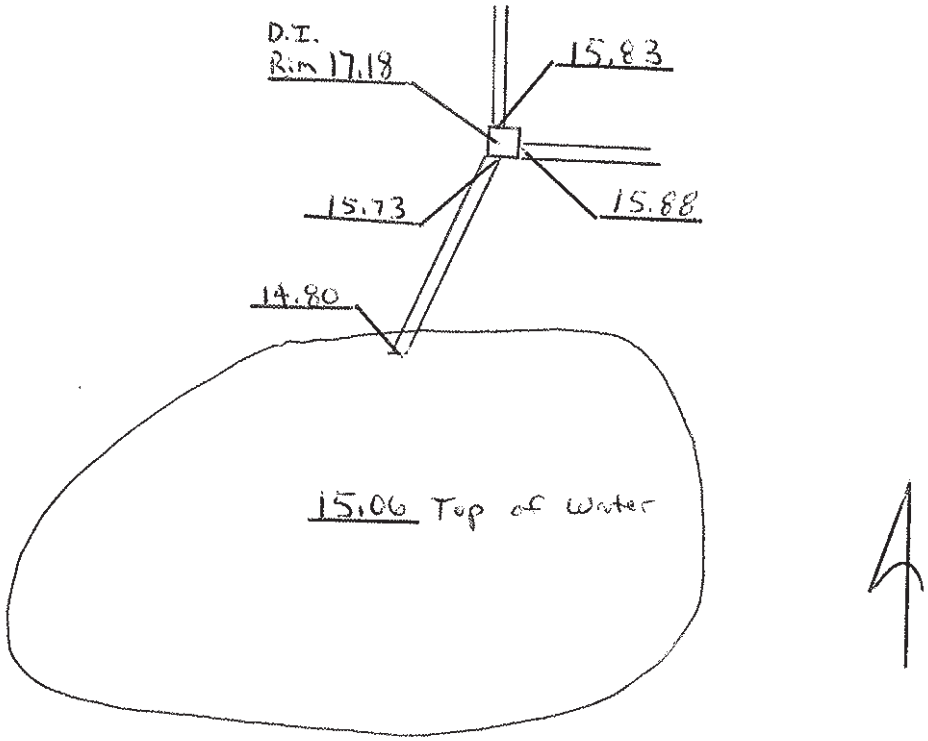
OUTLET CULVERT

LAKE

Additional description of the point location:

Location # 11

☆ All pipes are 8" PVC



Project: Indian River Watershed

Date: 11/3/10

Node/Point #: Location 12 / Node 255

Surveyed By: BJC/BPW

Location/Nearest Intersection:

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

Rim Elev.:

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

Invert In Elev.:

Invert Out Elev.:

CULVERT

JUNCTION/INLET

CULVERT

W.S. Elev.: 12.84 @ 10:15 AM Node 255

Culvert Material: Concrete

Culvert Depth: 54"

Culvert Width: 54"

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

Could not find Pipe at Ditch Node 256 — Bottom Shot Only

Invert Out Elev.: 12.27

Invert Elev.: 8.03 Pipe at Lake going out towards ditch

OUTLET CULVERT

LAKE

Additional description of the point location: Could Not find pipe at Node 256 shot bottom only.

Project: Indian River Watershed
Node/Point #: Location 13/Nodes 257+259
Location/Nearest Intersection: _____

Date: 11/3/10
Surveyed By: BJC/BPW

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.: _____

CULVERT

JUNCTION/INLET

Flow Direction ←

Culvert Material: _____
Culvert Depth: _____
Culvert Width: _____
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

CULVERT

W.S. Elev.: N/A

Culvert Material: Concrete
Culvert Depth: 48"
Culvert Width: 48"
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: 8.47 Node 259

Invert Elev.: 8.34 Node 257

OUTLET CULVERT

LAKE

Additional description of the point location:

Project: Indian River Watershed
Node/Point #: Location 14/Nodes 290 + 311
Location/Nearest Intersection: _____

Date: 11/2/10
Surveyed By: BJC/BPW/MSB

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.: 10.39 Node 290
W.S. Elev.: 10.21 Node 311
9:45 A.M.

Culvert Material: Concrete
Culvert Depth: 54"
Culvert Width: 54"
Culvert Type (circle one):
Circ/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: A = 7.68, B = 7.78 Node 311

Invert Elev.: A = 7.72, B = 7.82 Node 290

OUTLET CULVERT | LAKE

Additional description of the point location: 2 pipes labled A + B

Project: Indian River Watershed

Node/Point #: Location 15/Nodes 323+324

Location/Nearest Intersection: _____

Date: 11/2/10

Surveyed By: BJC/BPW/MSB

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.: _____

CULVERT — JUNCTION/INLET — CULVERT

W.S. Elev.: 10.22 10:00AM.

Culvert Material: Concrete

Culvert Depth: 54"

Culvert Width: 54"

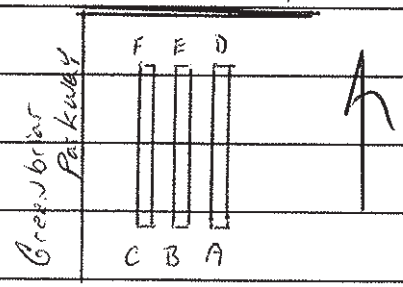
Culvert Type (circle one):
(Circ)/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: D = 7.02, E = 7.02, F = 7.07 — Node 324

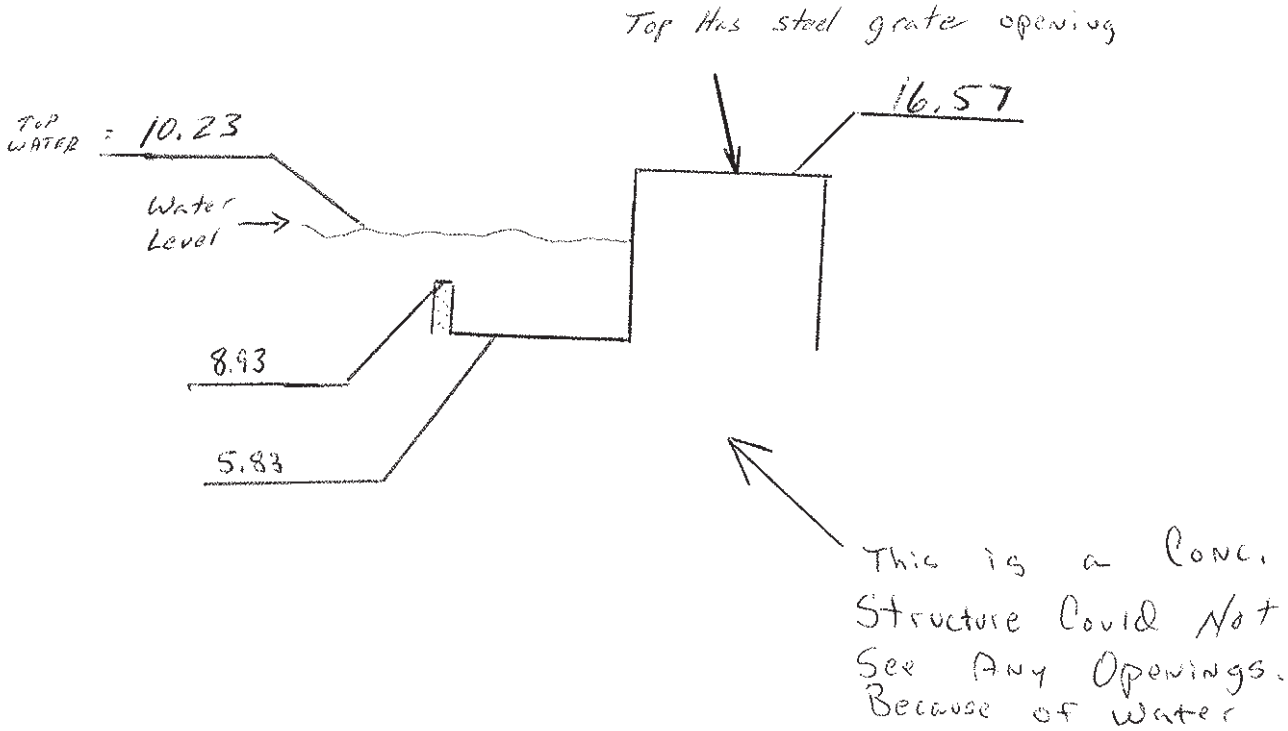
Invert Elev.: A = 6.68, B = 6.67, C = 6.78 — Node 323

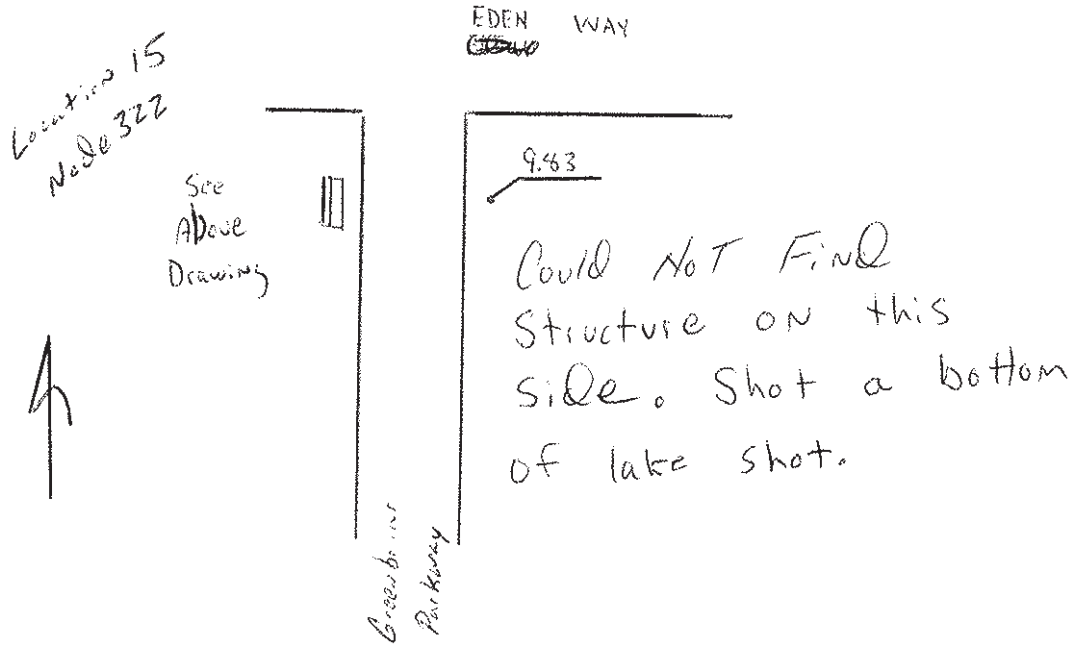
OUTLET CULVERT — LAKE

Additional description of the point location: EDEN WAY



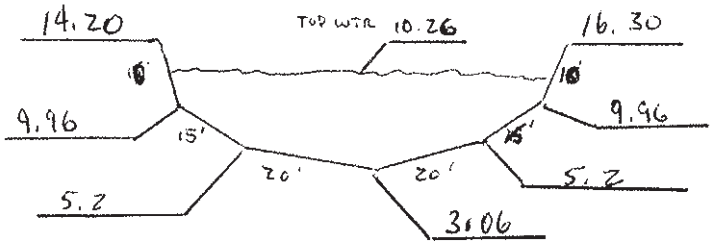
Location # 15

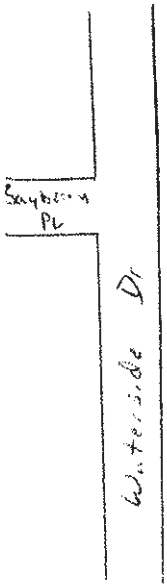

Top Has steel grate opening
16.57
TOP WATER = 10.23
Water Level
8.93
5.83
This is a Conc. Structure Could Not See Any Openings. Because of Water

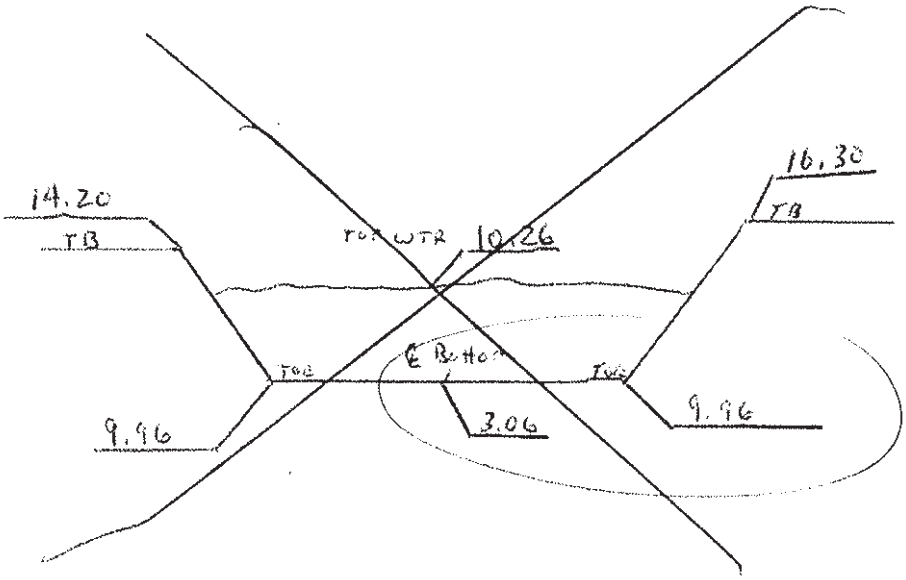

EDEN WAY
Location 15
Node 322
See Above Drawing
9.43
Could NOT Find Structure on this side. Shot a bottom of lake shot.
Greenbrier Parkway

Top of Bank — 90' wide

First Toe is —— 70' wide




Golf Course

?

INDIAN RIVER WATERSHED 11/3/18

LOCATION 16 / NODE 182

Project: Indian River Watershed

Date: 10/27/10

Node/Point #: Location 17/Node 353

Surveyed By: BJC/BPW/MSB

Location/Nearest Intersection:

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

NODE 353

Rim Elev.: 19.15

Drop Inlet

Flow Direction

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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

Invert In Elev.: 12.25

Invert Out Elev.: 12.29

CULVERT

JUNCTION/INLET

CULVERT

Flow Direction

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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

W.S. Elev.:

Invert Out Elev.:

Invert Elev.:

Culvert Material:

Culvert Depth:

Culvert Width:

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

OUTLET CULVERT

LAKE

Additional description of the point location:

Project: Indian River Watershed

Node/Point #: Location 17/Node 354

Location/Nearest Intersection: _____

Date: 10/27/10

Surveyed By: BSC/BPW/MSB

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

Rim Elev.: N/A

Flow Direction ←

Culvert Material: Concrete

Culvert Depth: 42"

Culvert Width: 42"

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

CULVERT

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

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

CULVERT

Invert In Elev.: _____

Invert Out Elev.: 11.73

JUNCTION/INLET

W.S. Elev.: _____

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

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

OUTLET CULVERT

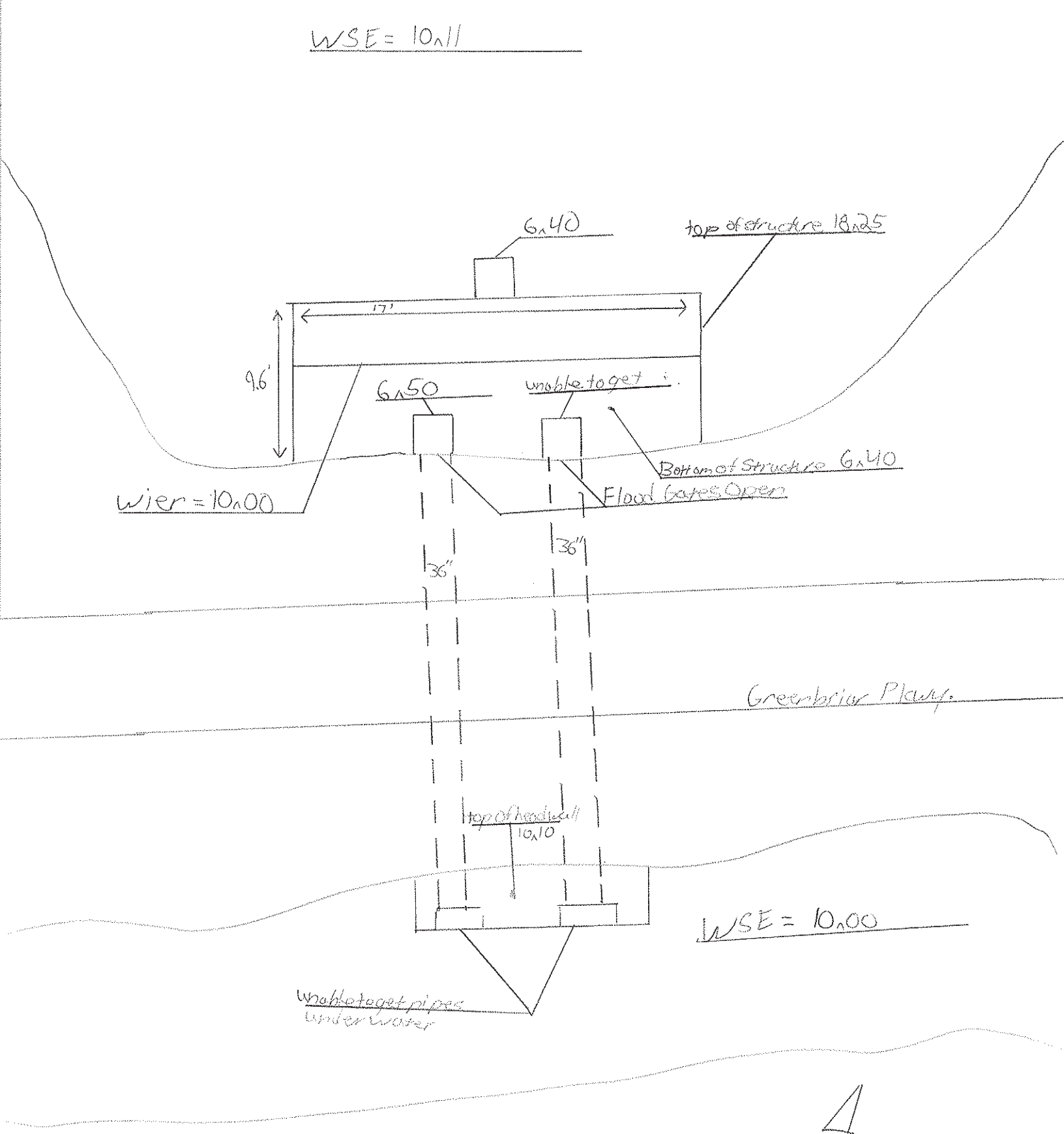
Invert Out Elev.: _____

Invert Elev.: _____

LAKE

Additional description of the point location: Pipe Inv only

Location #18


WSE = 10.11
6.40
top of structure 18.25
17'
9.6'
6.50
unable to get
Bottom of Structure 6.40
Flood Gates Open
wier = 10.00
36"
36"
Greenbriar Pkwy.
top of headwall
10.10
WSE = 10.00
unable to get pipes
underwater

Project: Indian River Water Shed

Node/Point #: 357

Location/Nearest Intersection: #19

Date:

Surveyed By:

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: 7'

Culvert Width: 6'

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

Culvert Invert Elev.: 6.87

Flow Direction (circle one): ← →

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

Bottom Width:

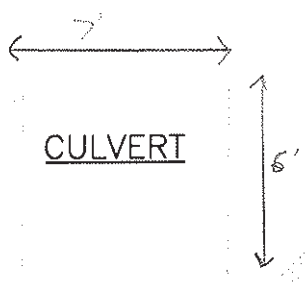
Side Slope (Horz/Vert):

CULVERT

DITCH

WSE=10.00

Ground Elev.:




High Shoulder Elev.:

Low Shoulder Elev.:

Ditch Invert Elev.:

Additional description of the point location: Triple Culvert

Project: Indian River Water Shed

Node/Point #: 372

Location/Nearest Intersection: #19

Date: _____

Surveyed By: _____

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: 7'

Culvert Width: 6'

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

Culvert Invert Elev.: 6.56

Flow Direction (circle one): ← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

WSE = 9.18

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Triple Culvert

Project: Indian River Water Shed

Node/Point #: 374

Location/Nearest Intersection: #20

Date: _____

Surveyed By: _____

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: 6'

Culvert Width: 6'

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

Culvert Invert Elev.: 6.50

Flow Direction (circle one): ← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

WSE = 10.03

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Quadruple Culvert

Project: Indian River Water Shed

Date: _____

Node/Point #: 375

Surveyed By: _____

Location/Nearest Intersection: #20

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: 6'

Culvert Width: 6'

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

Culvert Invert Elev.: 6.23

Flow Direction (circle one): ← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

WSE = 10.01

Ground Elev.: _____

High Shoulder Elev.: _____

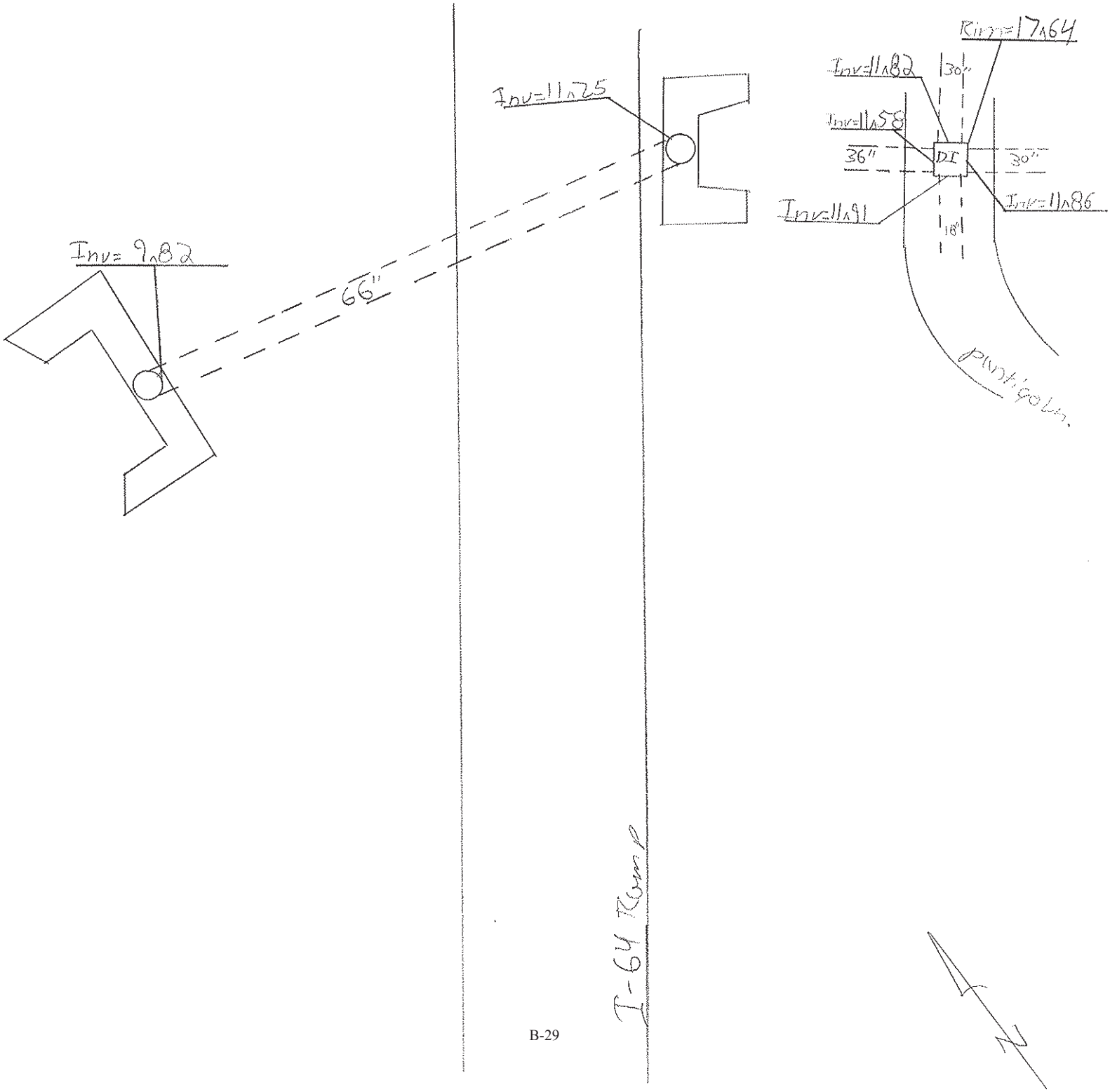
CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Quadruple culvert

Location # 21



Inv= 9.82
66"
Inv=11.25
Rim=17.64
Inv=11.82
30"
Inv=11.58
36"
DI
30"
Inv=11.91
Inv=11.86
18"
Pentagon
I-64 Ramp
N

Project: Indian River Water Shed

Node/Point #: 375

Location/Nearest Intersection: #22

Date: _____

Surveyed By: _____

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: 9'

Culvert Width: 9'

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

Culvert Invert Elev.: 9.63

Flow Direction (circle one):
← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

WSE=10.01

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Triple Culvert

Project: Indian River Water Shed

Node/Point #: 377

Location/Nearest Intersection: #22

Date: _____

Surveyed By: _____

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: 9'

Culvert Width: 9'

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

Culvert Invert Elev.: 8.96

Flow Direction (circle one): ← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

WSE = 9.98

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Triple Culvert

Project: Indian River Water Shed

Node/Point #: 389

Location/Nearest Intersection: #23

Date: _____

Surveyed By: _____

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.: 10.42

Culvert Material: Conc.

Culvert Depth: ←48"

Culvert Width: _____

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

Invert Out Elev.: 7.41

Invert Elev.: _____

pipe ~~OUTLET CULVERT~~

Ditch ~~LAKE~~

Additional description of the point location: _____

Project: Indian River Watershed

Node/Point #: 379, 412

Location/Nearest Intersection: #24

Date: _____

Surveyed By: _____

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: 7'

Culvert Width: 6'

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

Culvert Invert Elev.: 6.52

Flow Direction (circle one): ← →

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

Bottom Width: _____

Side Slope (Horz/Vert): _____

CULVERT

DITCH

Node 412 WSE=8.67

Ground Elev.: _____

High Shoulder Elev.: _____

CULVERT

Low Shoulder Elev.: _____

Ditch Invert Elev.: _____

Additional description of the point location: Triple Culvert

Project: Indian River Water Shed

Node/Point #: 399

Location/Nearest Intersection: #25

Date: _____

Surveyed By: _____

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.: 16.30

Culvert Material: Conc.

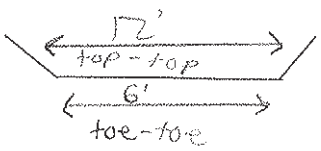
Culvert Depth: _____

Culvert Width: _____

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

Invert Out Elev.: 15.60

Invert Elev.: _____

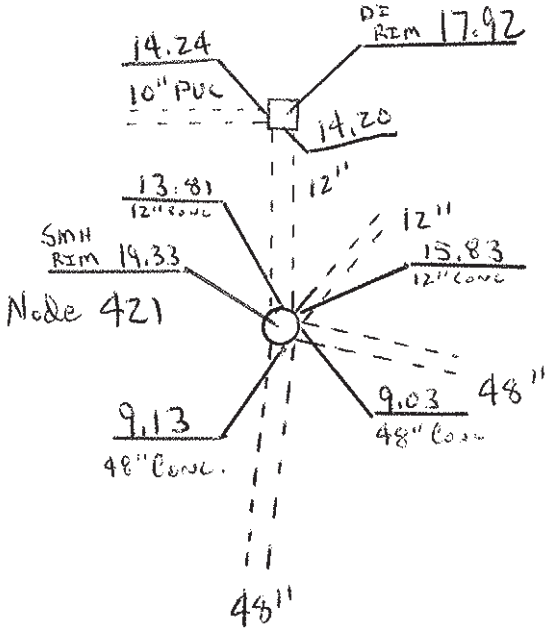



OUTLET CULVERT | LAKE

Additional description of the point location: _____

Location #26

* Note did not find a structure at Node 418 Located DI TO THE North of Node 421. All pipe are concrete unless labled otherwise.



BJC/EYD

Project: Indian River Watershed

Date: 10/28/10

Node/Point #: Location 27 / Nodes 423 + 424

Surveyed By: BJC/BPW/MSB

Location/Nearest Intersection: _____

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

Rim Elev.: _____

Flow Direction ←

Flow Direction ←

REVERSE GRADE

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

Invert In Elev.: _____

Invert Out Elev.: _____

CULVERT | JUNCTION/INLET | CULVERT

W.S. Elev.: 8.21 WTR SHOT 11/4/10 @ 11:00 A.M.

Culvert Material: Concrete

Culvert Depth: 6.0'

Culvert Width: 10.0'

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

Invert Out Elev.: A = 6.21, B = 6.49, C = 6.49 — NODE 424

Invert Elev.: A = 6.01, B = 6.21, C = 6.22 — NODE 423

OUTLET CULVERT | LAKE

Additional description of the point location: 3 Box Culverts labled A, B + C A is to the East.

Project: Indian River Watershed

Date: 10/28/10

Node/Point #: Location 28 / Nodes 462 + 464

Surveyed By: BJC/BPW/MSB

Location/Nearest Intersection: _____

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.: 8.93 Node 464
W.S. Elev.: 9.28 Node 462
11:00 AM

Culvert Material: Concrete

Culvert Depth: 6'

Culvert Width: 10'

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

Invert Out Elev.: 6.13 Node 464

Invert Elev.: 7.08 Node 462

OUTLET CULVERT | LAKE

Additional description of the point location: 6' x 10' Box Culvert

Project: Indian River Watershed
Node/Point #: Location 29/Node 468
Location/Nearest Intersection: _____

Date: 10/28/10
Surveyed By: BJC/BPW/MSB

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.: 7.85 @ 10:15 A.M.

Culvert Material: A, B, E + F Plastic; C + D Corr. Metal
Culvert Depth: 48"
Culvert Width: 48"
Culvert Type (circle one):
(Circ)/ Box/ Arch/ Ellip. /Other

Invert Out Elev.: N/A

Invert Elev.: A = 5.55
B = 4.85
C = 4.29
D = 4.35
E = 4.85
F = 5.37

OUTLET CULVERT | LAKE

Additional description of the point location: 6 pipes labled A, B, C, D, E & F
A is to the East

Project: Indian River Watershed

Node/Point #: Location 29 Node 469

Location/Nearest Intersection: _____

Date: 10/28/10

Surveyed By: BJC/BPW/MSB

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.: _____

CULVERT — JUNCTION/INLET — CULVERT

Flow Direction ←

Culvert Material: A, B, E + F Plastic; C + D Metal

Culvert Depth: 48"

Culvert Width: 48"

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

W.S. Elev.: 2.15 @ 10:15 A.M.

Invert Out Elev.: A = 1.24, B = 0.95, C = 0.95, D = 1.30, E = 1.17, F = 1.17

~~Invert Elev.~~: N/A

OUTLET CULVERT — LAKE

Additional description of the point location: 6 pipes lableD A, B, C, D, E + F

A is to the East

Project: Indian River Watershed

Node/Point #: Location 3/ Nodes 471 & 476

Location/Nearest Intersection: Location # 30

Date: 10/28/10

Surveyed By: BSC/BPW/MSB

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.: _____

CULVERT

JUNCTION/INLET

CULVERT

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

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

W.S. Elev.: 2.25 @ 9:30 AM.

Culvert Material: Concrete

Culvert Depth: 8'

Culvert Width: 10'

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

Invert Out Elev.: A = 0.13, B = 0.27, C = 0.57 — Node 476

Invert Elev.: A = 0.19, B = 0.25, C = 0.39 — Node 471

OUTLET CULVERT

LAKE

Additional description of the point location: 3 Box Culverts Labled A, B, & C. A is to the East.

PROJECT/WATERSHED: Indian River Watershed DATE: 10/28/10

NODE/POINT #: Location 31 / Node 479 SURVEYED BY: BJC/BPW/MSB

LOCATION/NEAREST INTERSECTION: _____

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

CHANNEL SECTION:

WEST TB 4.40

SIDE SLOPE (HORZ/VERT) 3.0/3.49

WEST TOE 0.91

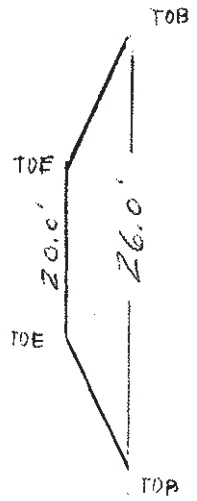
FLOW DIRECTION (CIRCLE ONE) NORTH

BOTTOM WIDTH: 20.0

EAST TOE 0.94

SIDE SLOPE (HORZ/VERT) 3.0/3.16

EAST TB 4.10




* Note @ Bottom Elev = -0.90

Top WTR Elev 2.20 @ 9:50 A.M.

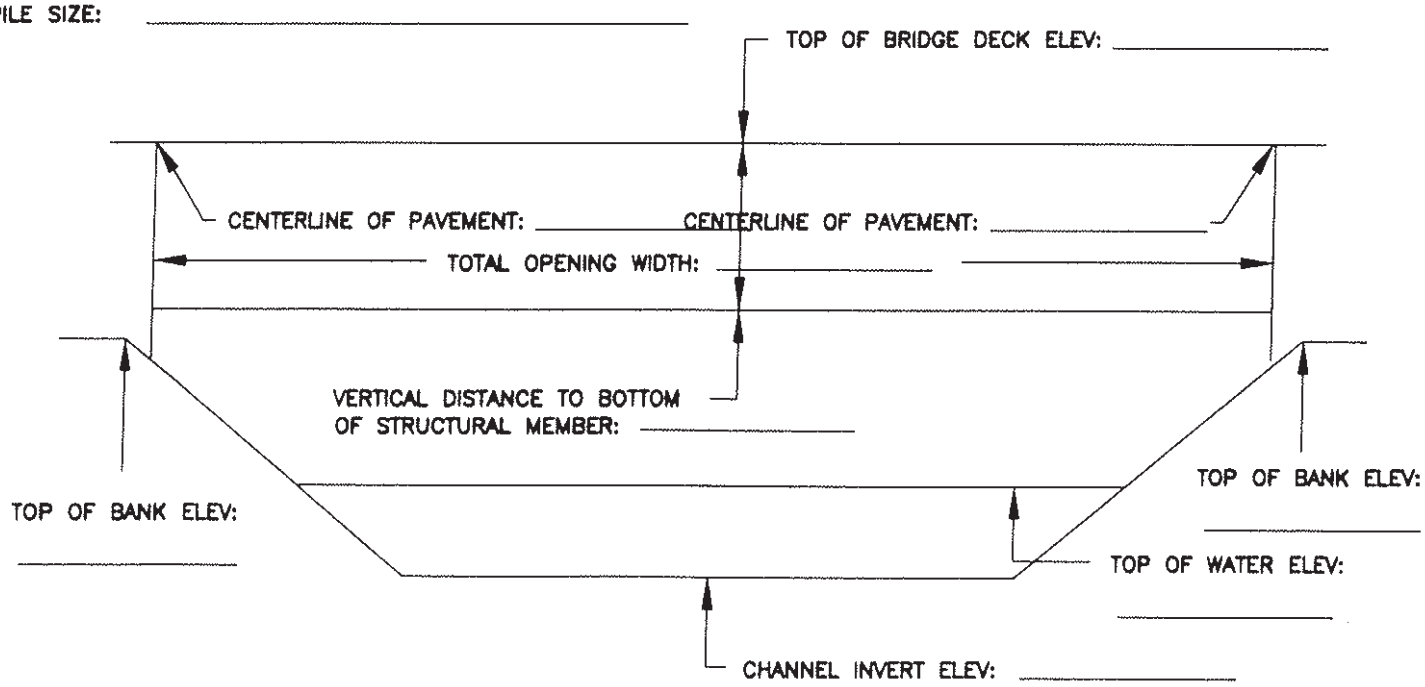
BRIDGE SECTION: N/A

BRIDGE MATERIALS: _____

BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



PROJECT/WATERSHED: Indian River Watershed DATE: 11/1/2010

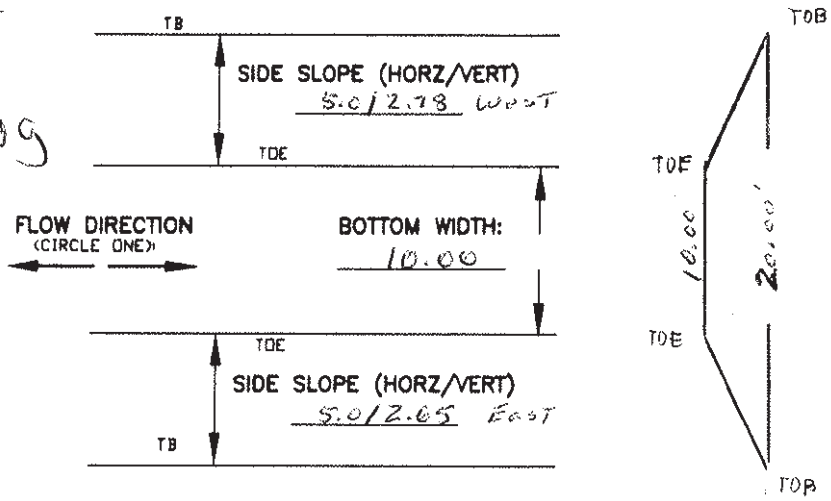
NODE/POINT #: Location 32 / Node 525 SURVEYED BY: BJC/BPW/MSB

LOCATION/NEAREST INTERSECTION: _____

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

CHANNEL SECTION:

* Turn Over For Drawing



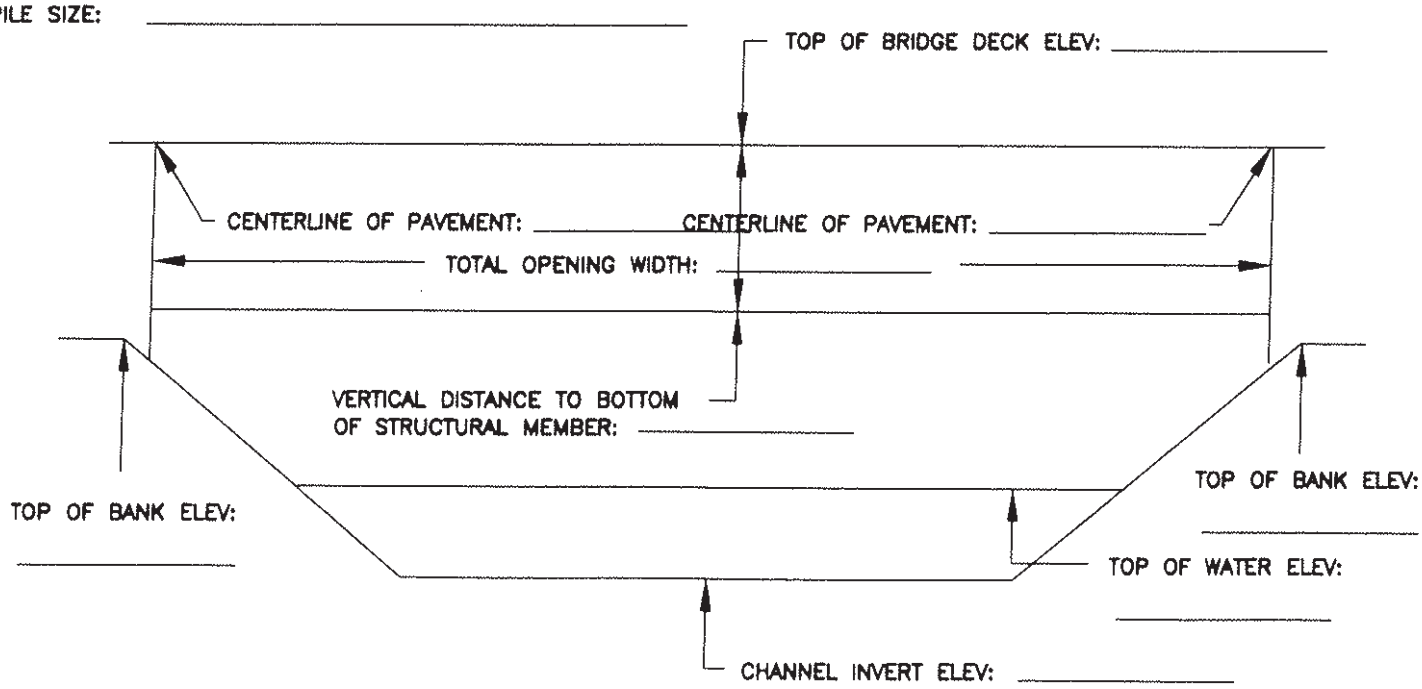

BRIDGE SECTION:

BRIDGE MATERIALS: _____

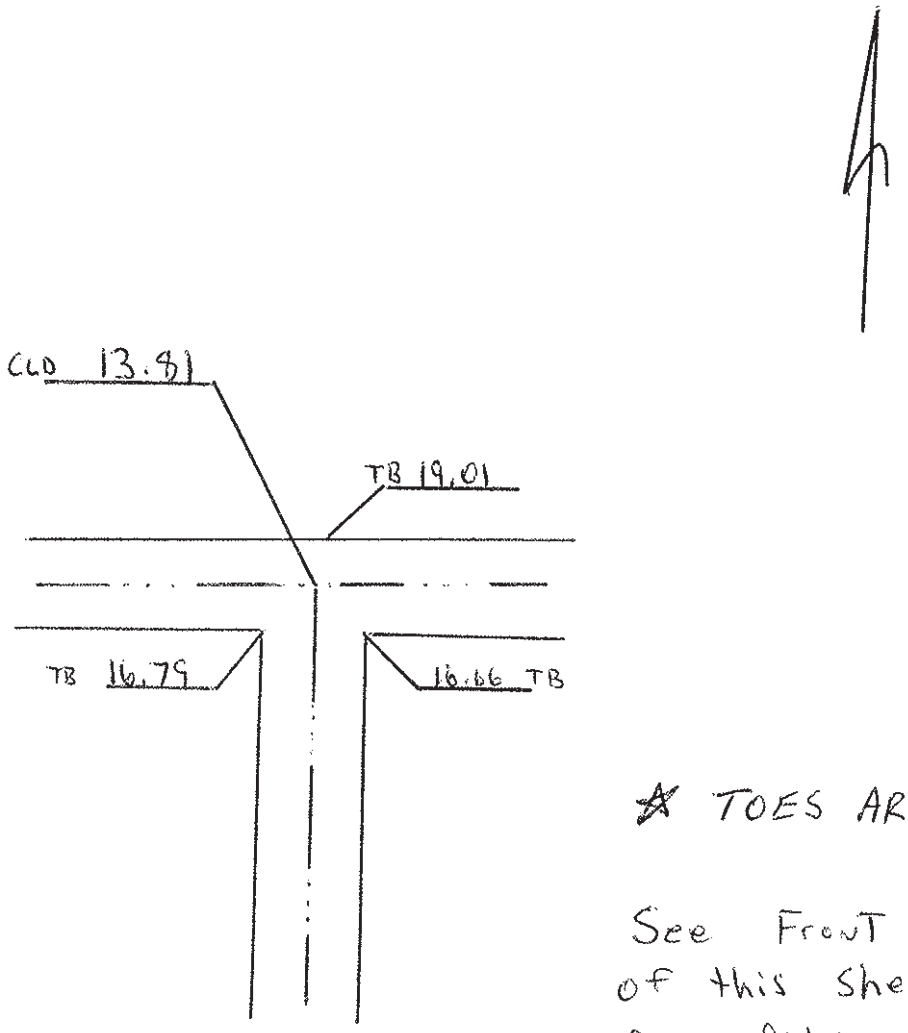
BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



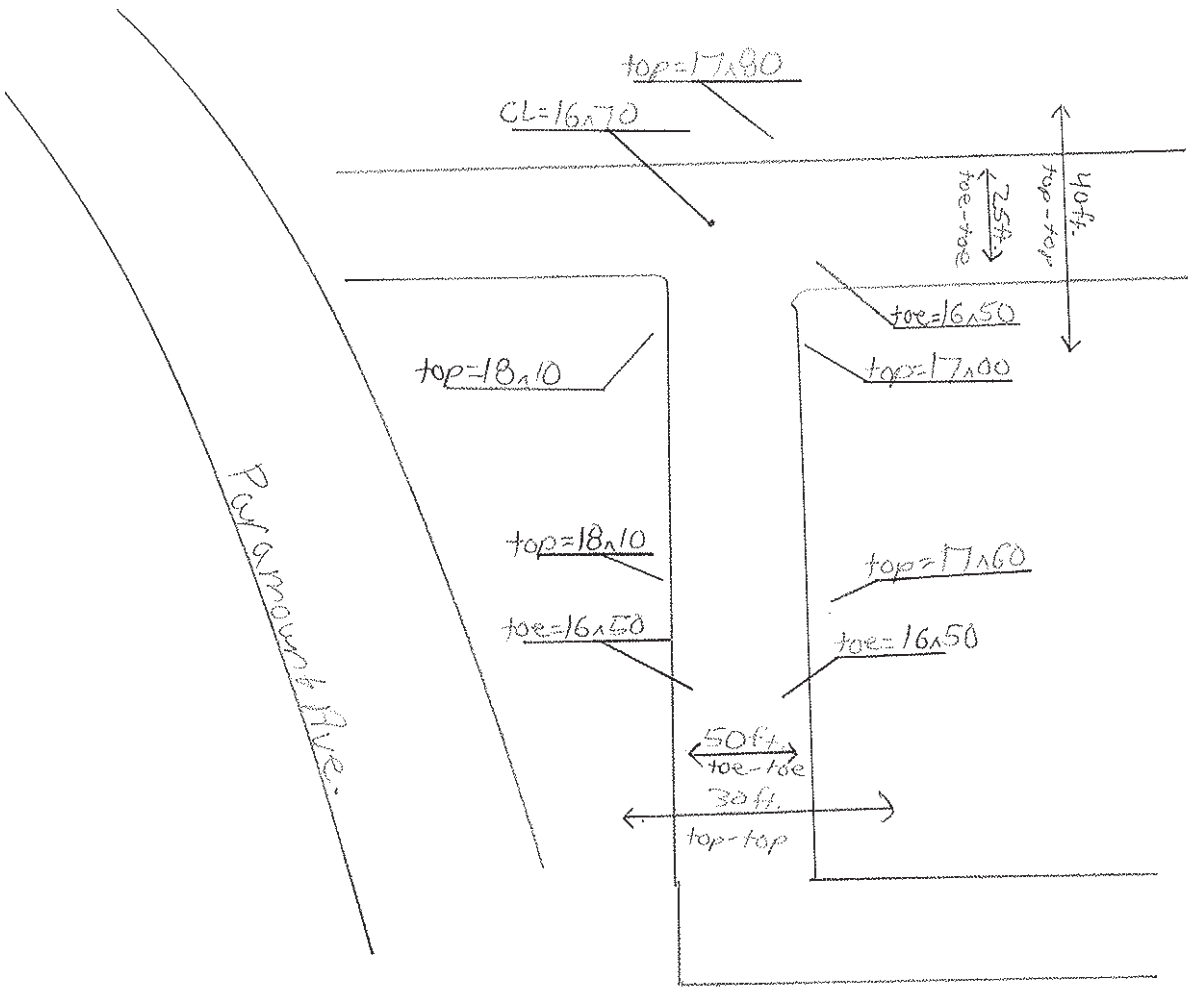
Location # 32



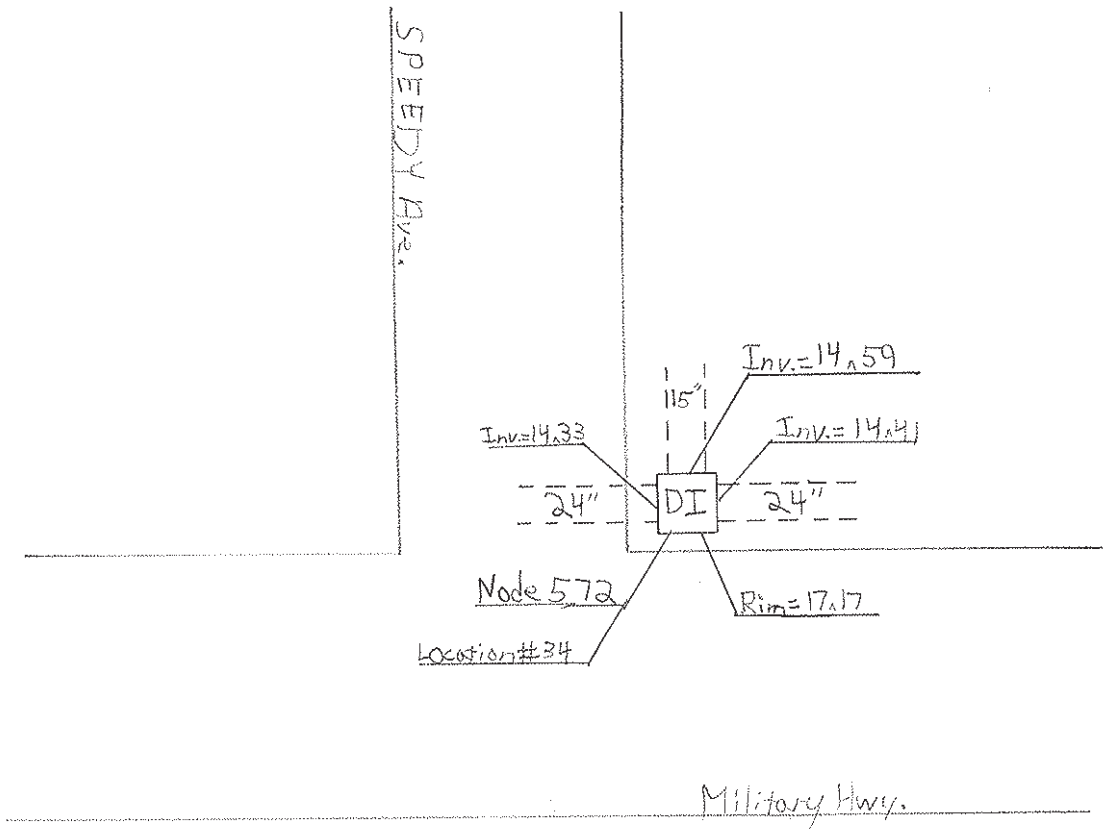

* TOES ARE 14.01

See Front side of this sheet for ditch sizes.

Location #33


top=17.80
CL=16.70
toe-toe
25ft
top-top
40ft
toe=16.50
top=17.00
top=18.10
top=18.10
top=17.60
toe=16.50
toe=16.50
Paramount Ave.
50ft
toe-toe
30ft
top-top

Location # 34


SPEEDY Ave.
115"
Inv.=14.59
Inv.=14.33
Inv.=14.41
24"
DI
24"
Node 572
Rim=17.17
Location #34
Military Hwy.

Project: Indian River WaterShed

Node/Point #: 568

Location/Nearest Intersection: #35

Date: _____

Surveyed By: _____

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: 6'

Culvert Width: 6'

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.: 12.12

6'

High Shoulder Elev.: 10.23

CULVERT

6'

Low Shoulder Elev.: 9.88

Inv = 3.58

Ditch Invert Elev.: 3.25

Additional description of the point location: _____

Project: Indian River

Node/Point #: 579

Location/Nearest Intersection: 35

Date:

Surveyed By:

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: 6'

Culvert Width: 6'

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.: 12.46

High Shoulder Elev.: 10.63

CULVERT

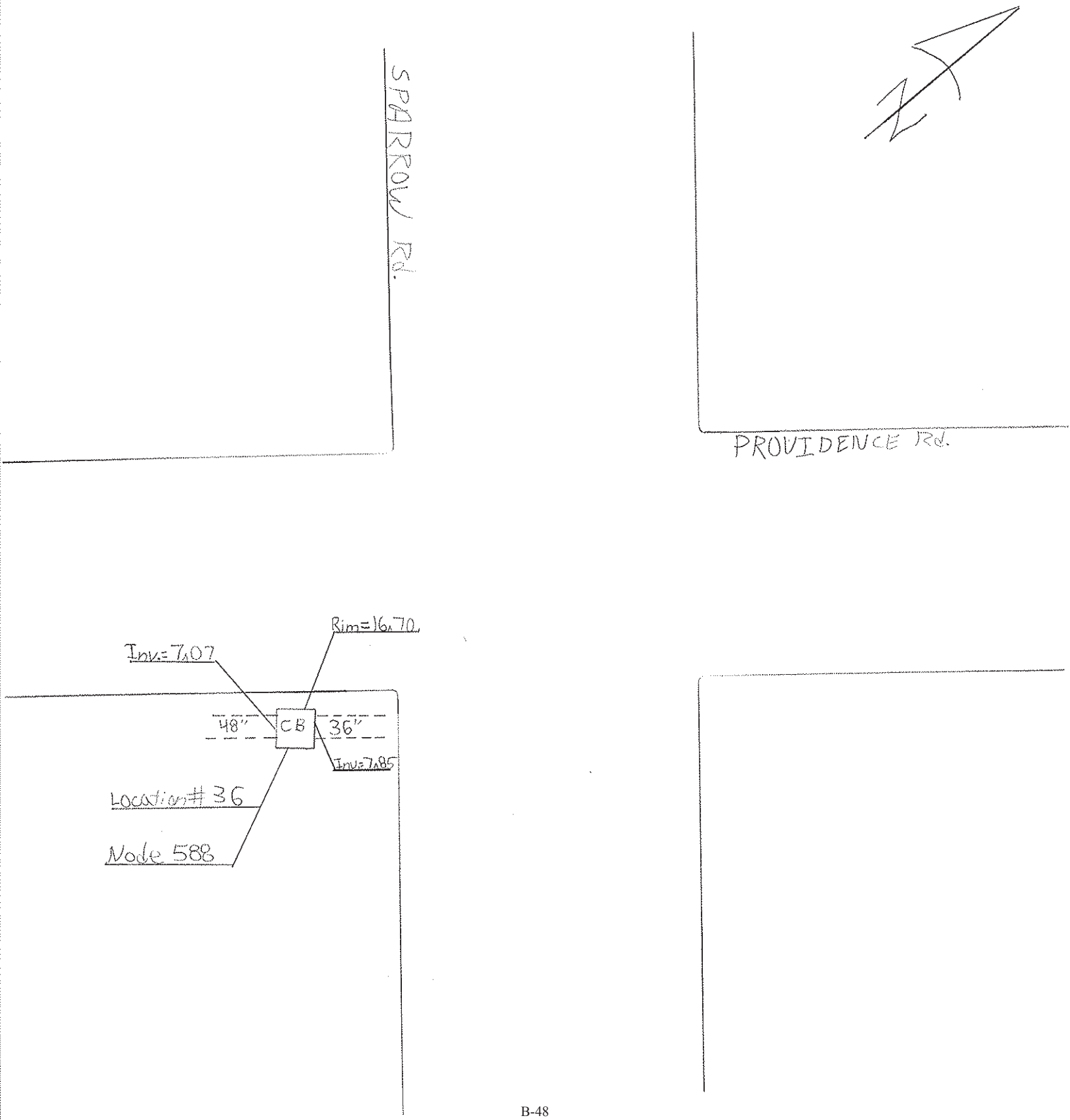
Low Shoulder Elev.: 10.18

Inv=3.25

Ditch Invert Elev.: 3.01

Additional description of the point location:

Location # 36


SPARROW Rd.
PROVIDENCE Rd.
Rim=16.70
Inv.=7.07
48"
CB
36"
Inv.=7.85
Location# 36
Node 588

Project: Indian River Water shed

Node/Point #: 493

Location/Nearest Intersection: #37

Date: _____

Surveyed By: _____

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.: _____

CULVERT

JUNCTION/INLET

Flow Direction ←

Culvert Material: _____

Culvert Depth: _____

Culvert Width: _____

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

CULVERT

W.S. Elev.: 10.03

Culvert Material: Conc.

Culvert Depth: _____

Culvert Width: 42"

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

Invert Out Elev.: 7.14

Invert Elev.: _____

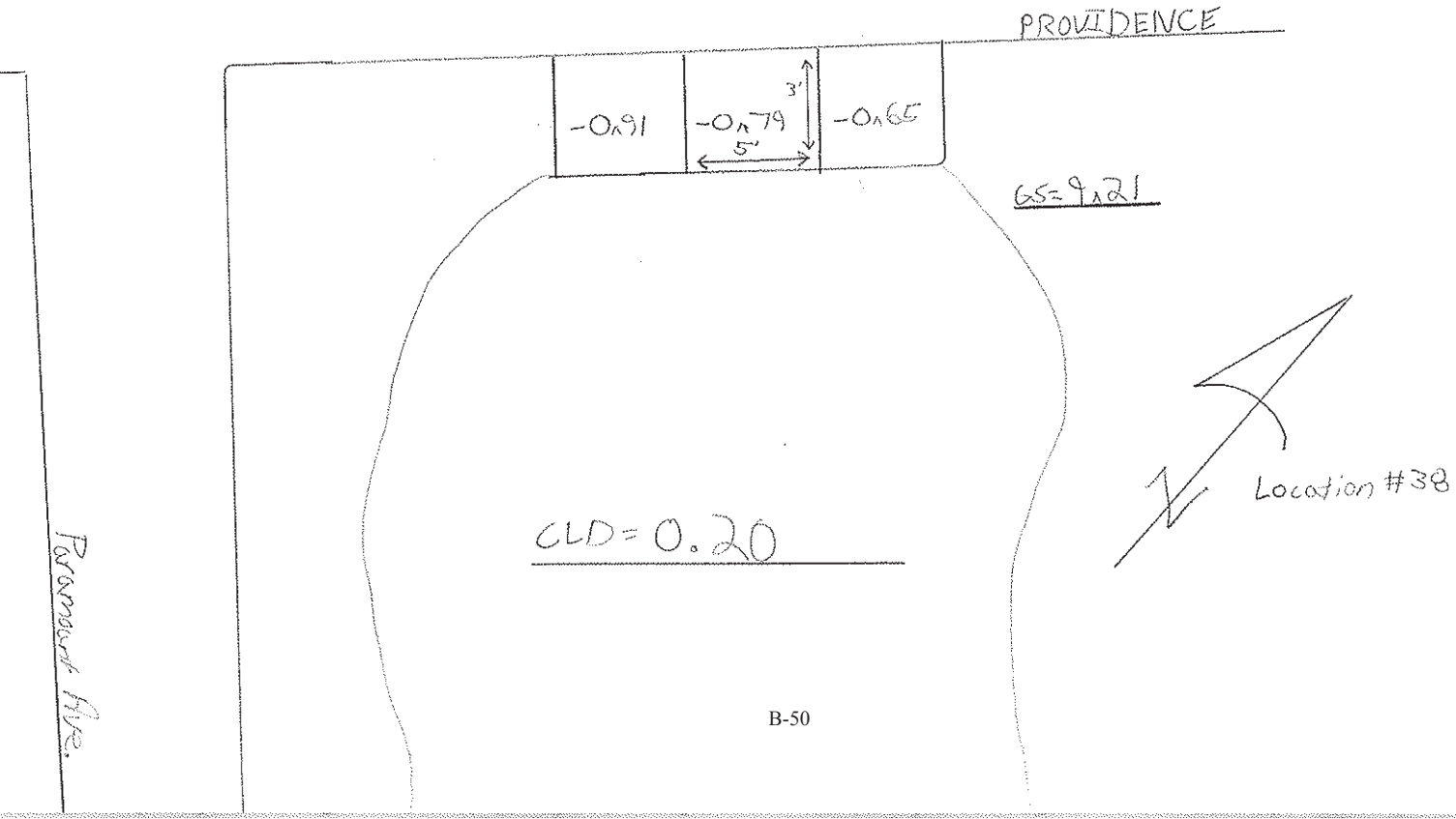
OUTLET CULVERT

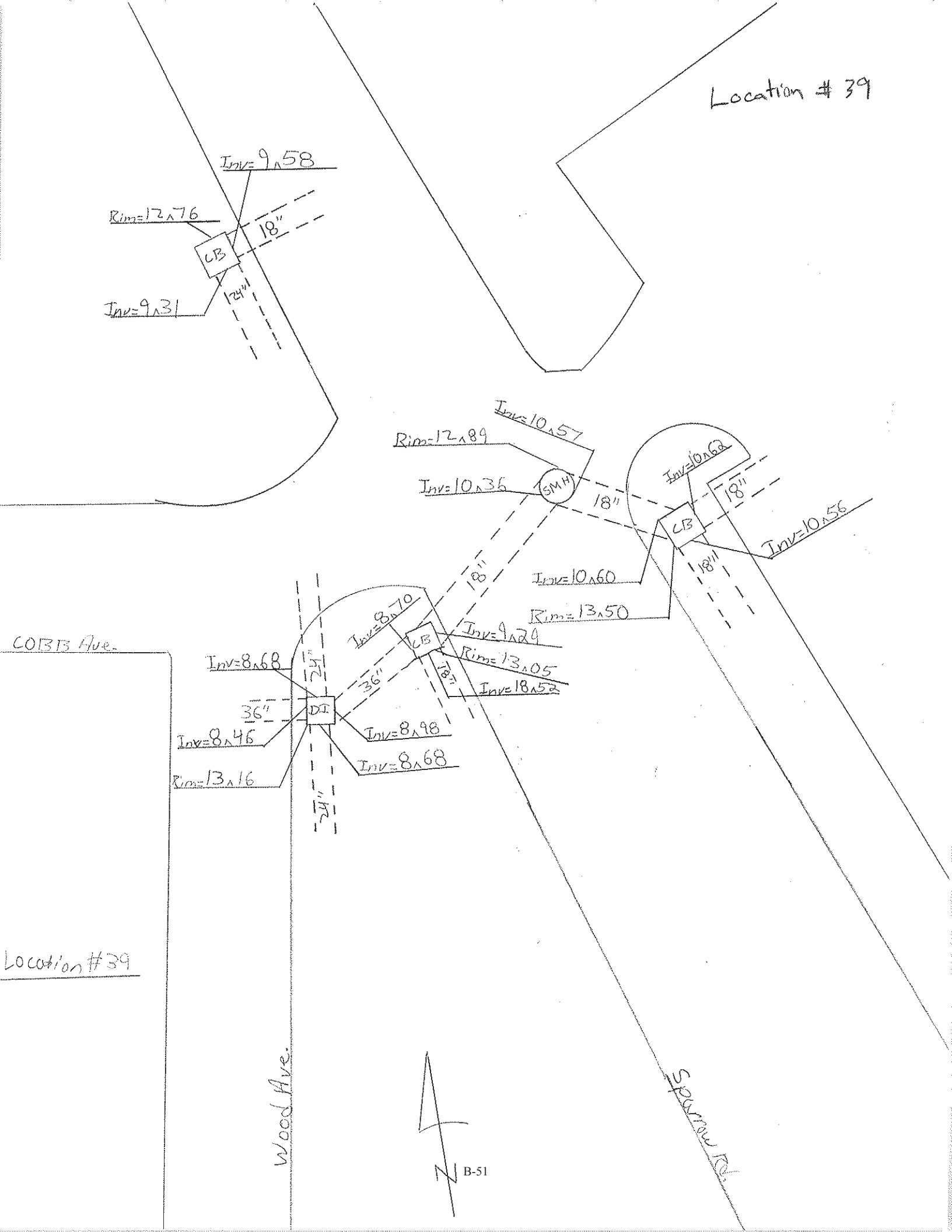
LAKE

Additional description of the point location: _____

Location # 38

Triple Culverts




Location # 39
Inv=9.58
Rim=12.76
18"
CB
24"
Inv=9.31
Inv=10.57
Rim=12.89
Inv=10.36
SMH
18"
Inv=10.62
18"
CB
Inv=10.56
18"
Inv=10.60
Rim=13.50
18"
Inv=8.70
CB
Inv=9.29
Rim=13.05
Inv=18.52
COBB Ave.
Inv=8.68
24"
36"
36"
DI
Inv=8.46
Rim=13.16
Inv=8.98
Inv=8.68
24"
Location #39
Wood Ave.
Sparrow Rd.
N

PROJECT/WATERSHED: Indian River

DATE: 11/1/10 9:30am

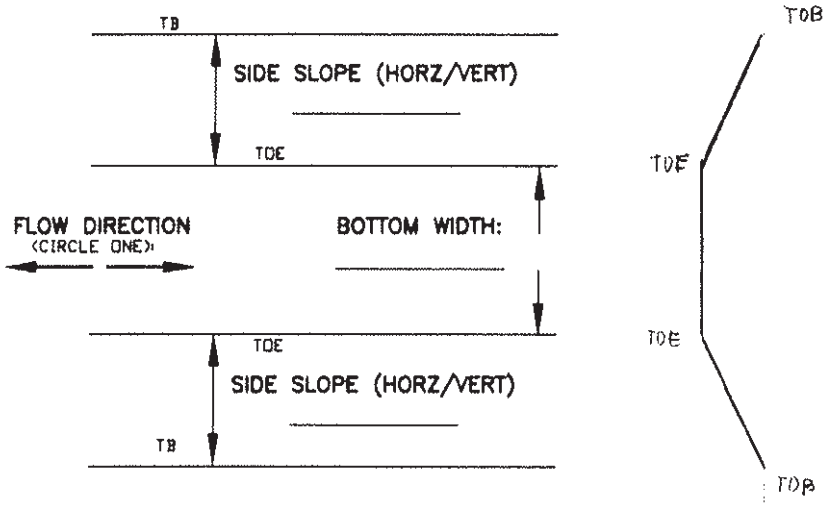
NODE/POINT #: 622

SURVEYED BY: _____

LOCATION/NEAREST INTERSECTION: 40

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

CHANNEL SECTION:



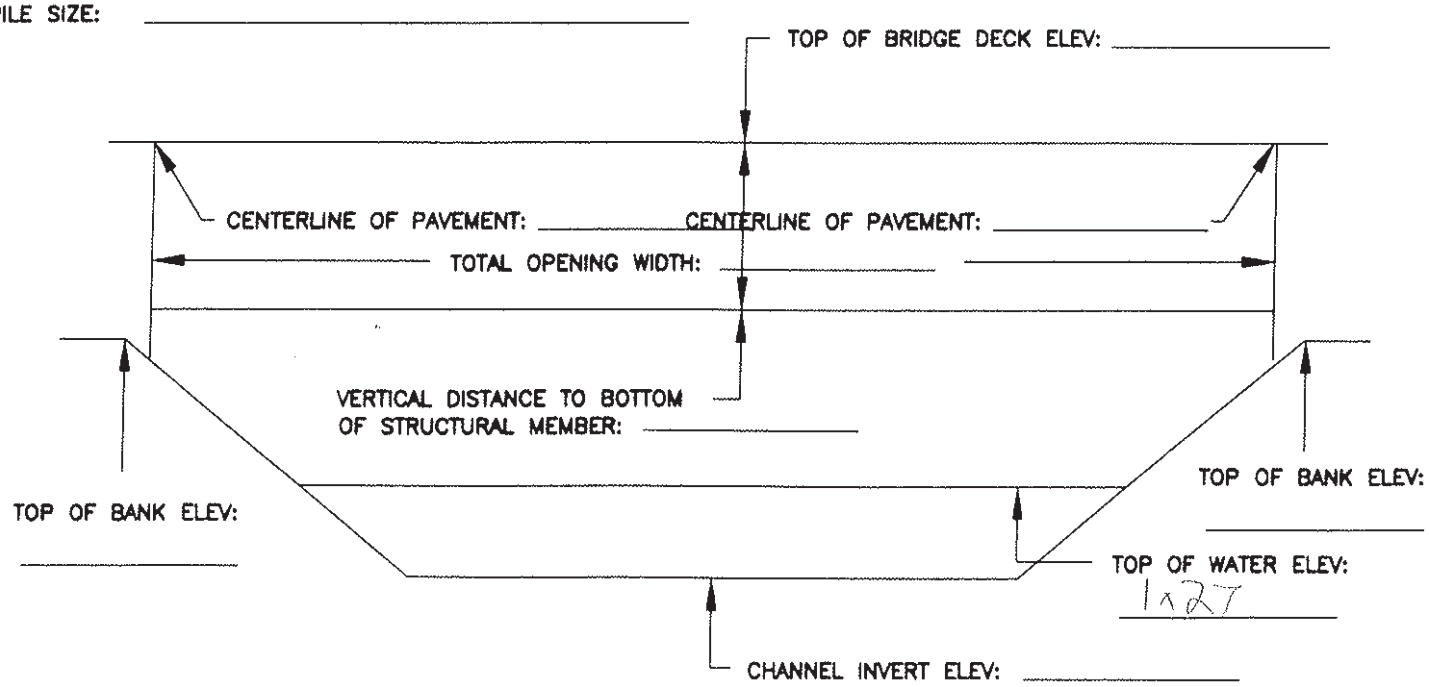

BRIDGE SECTION:

BRIDGE MATERIALS: _____

BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



PROJECT/WATERSHED: Indian River

DATE: 10/26/10 9:15am

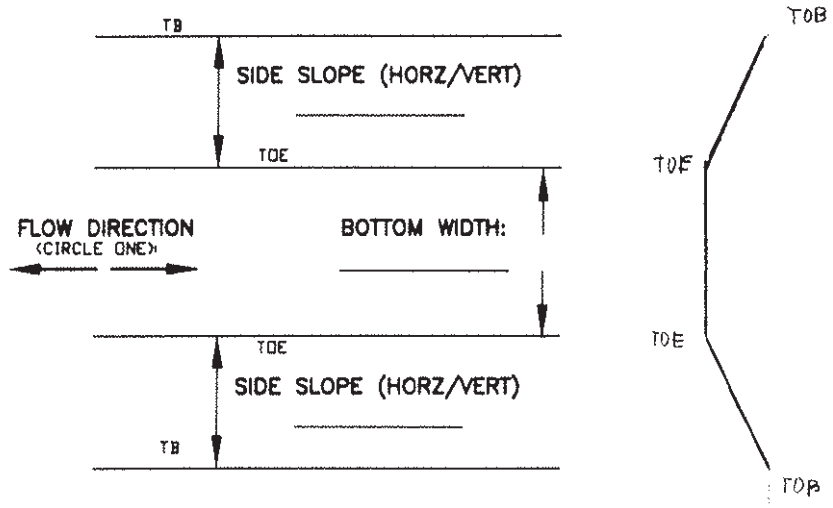
NODE/POINT #: 631

SURVEYED BY: _____

LOCATION/NEAREST INTERSECTION: 41

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

CHANNEL SECTION:



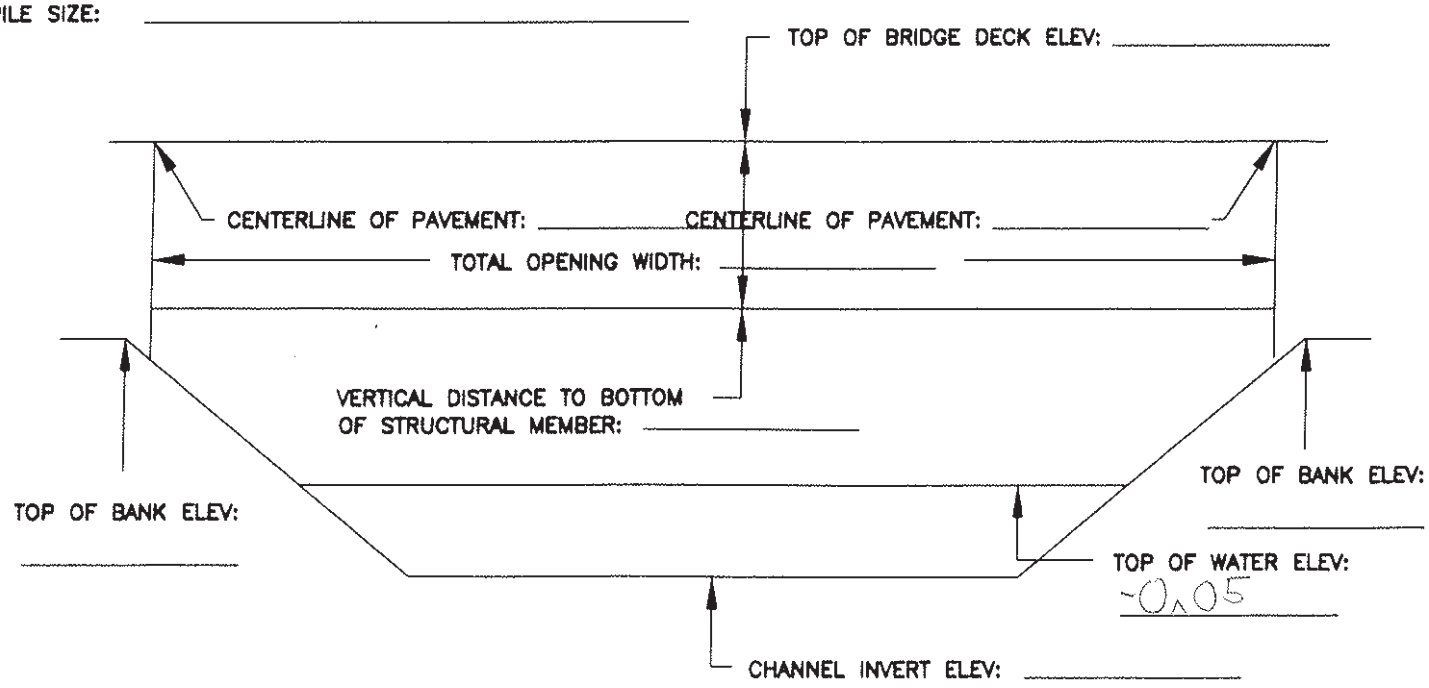

BRIDGE SECTION:

BRIDGE MATERIALS: _____

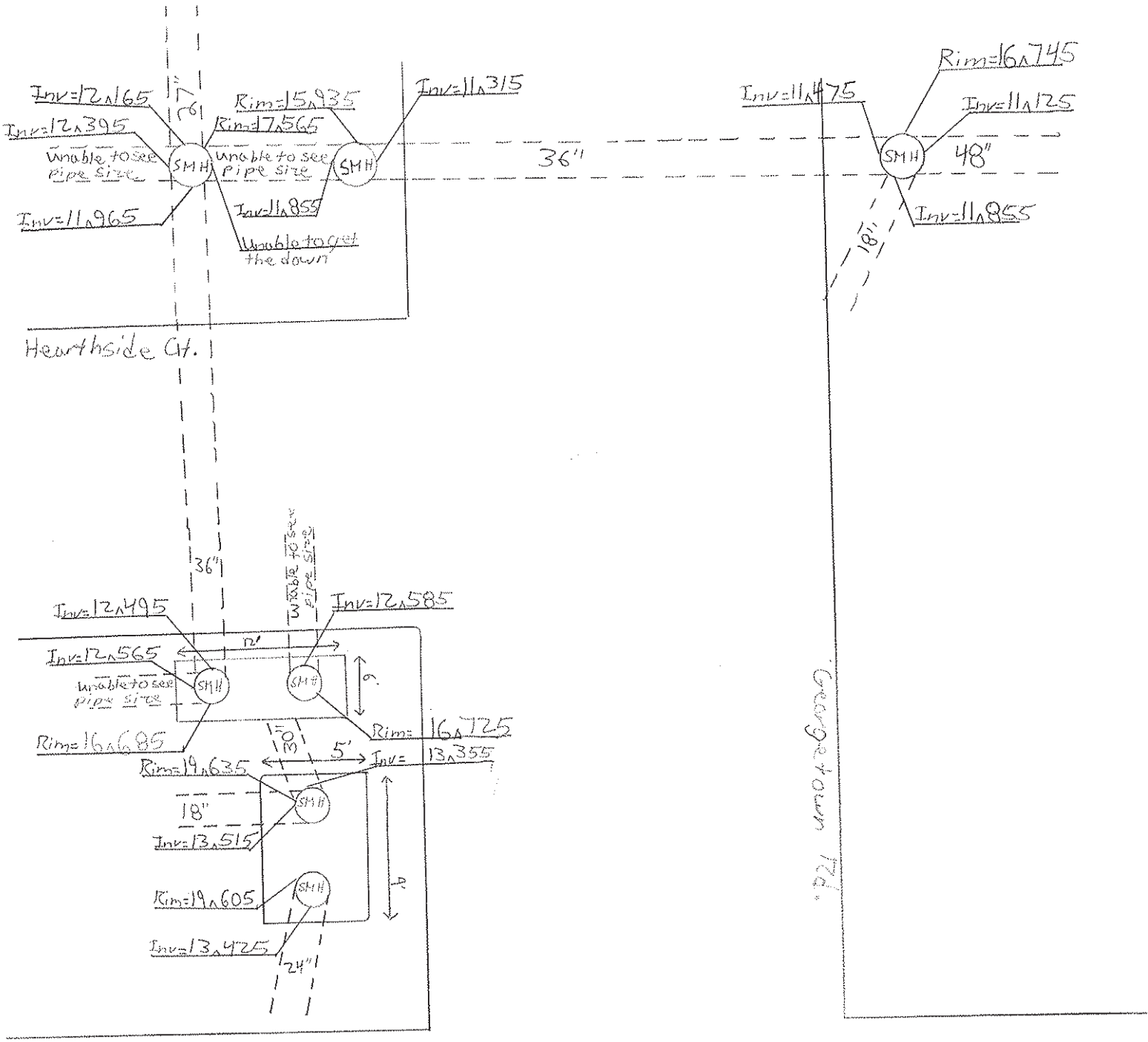
BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



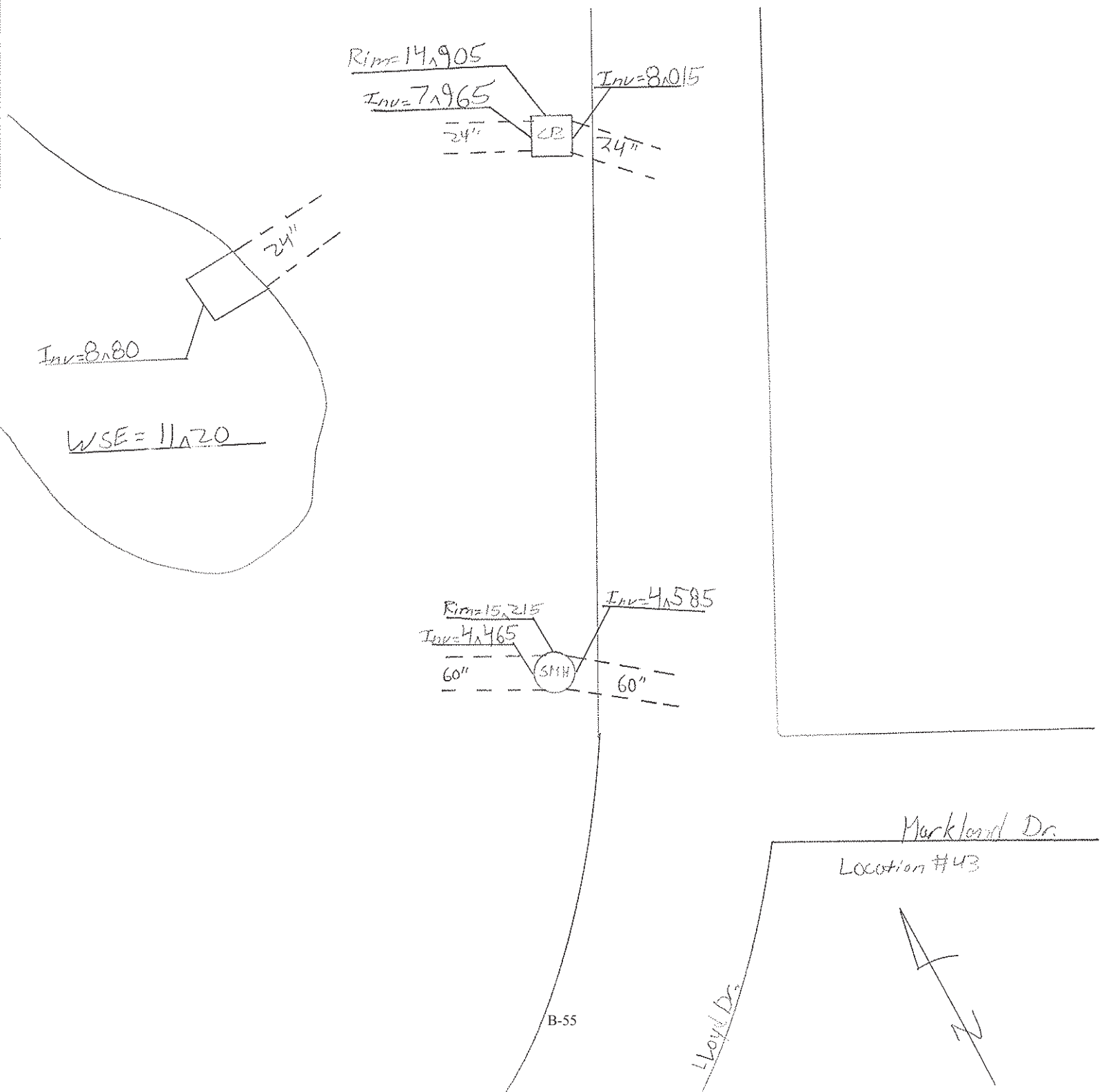
Location # 42

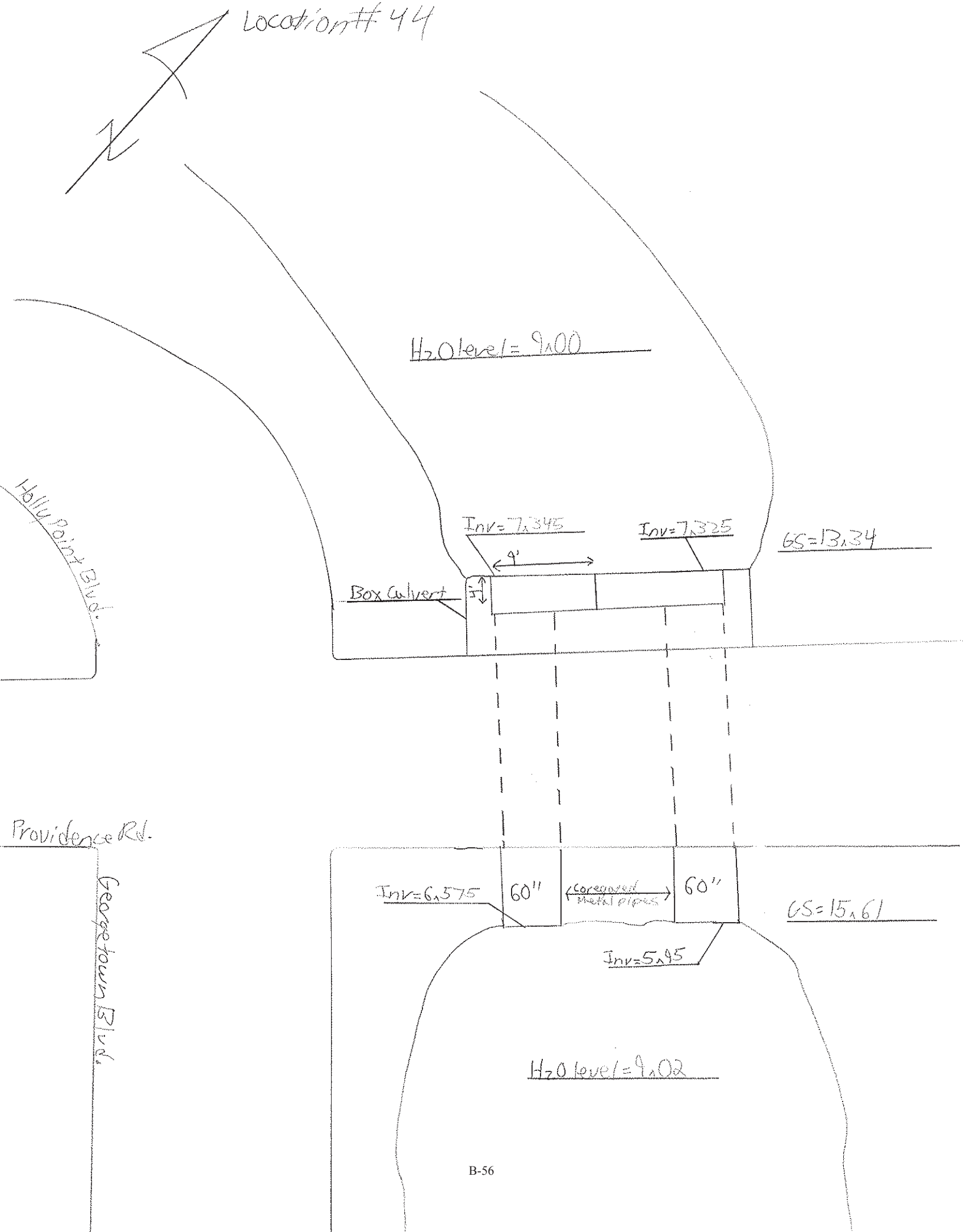



Military Hwy.

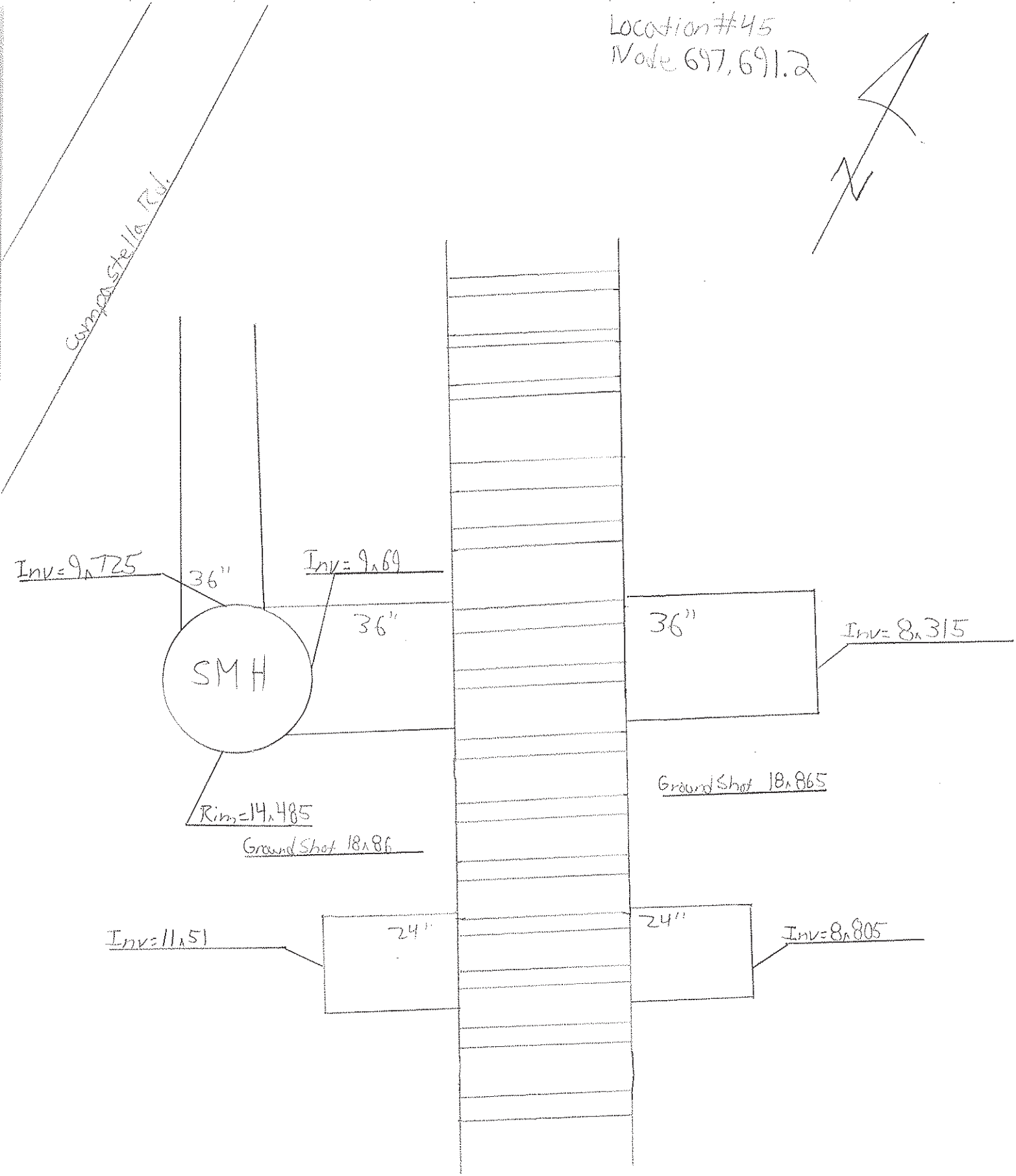
Location #42
Nodes 638, 639, 642, 643, 644

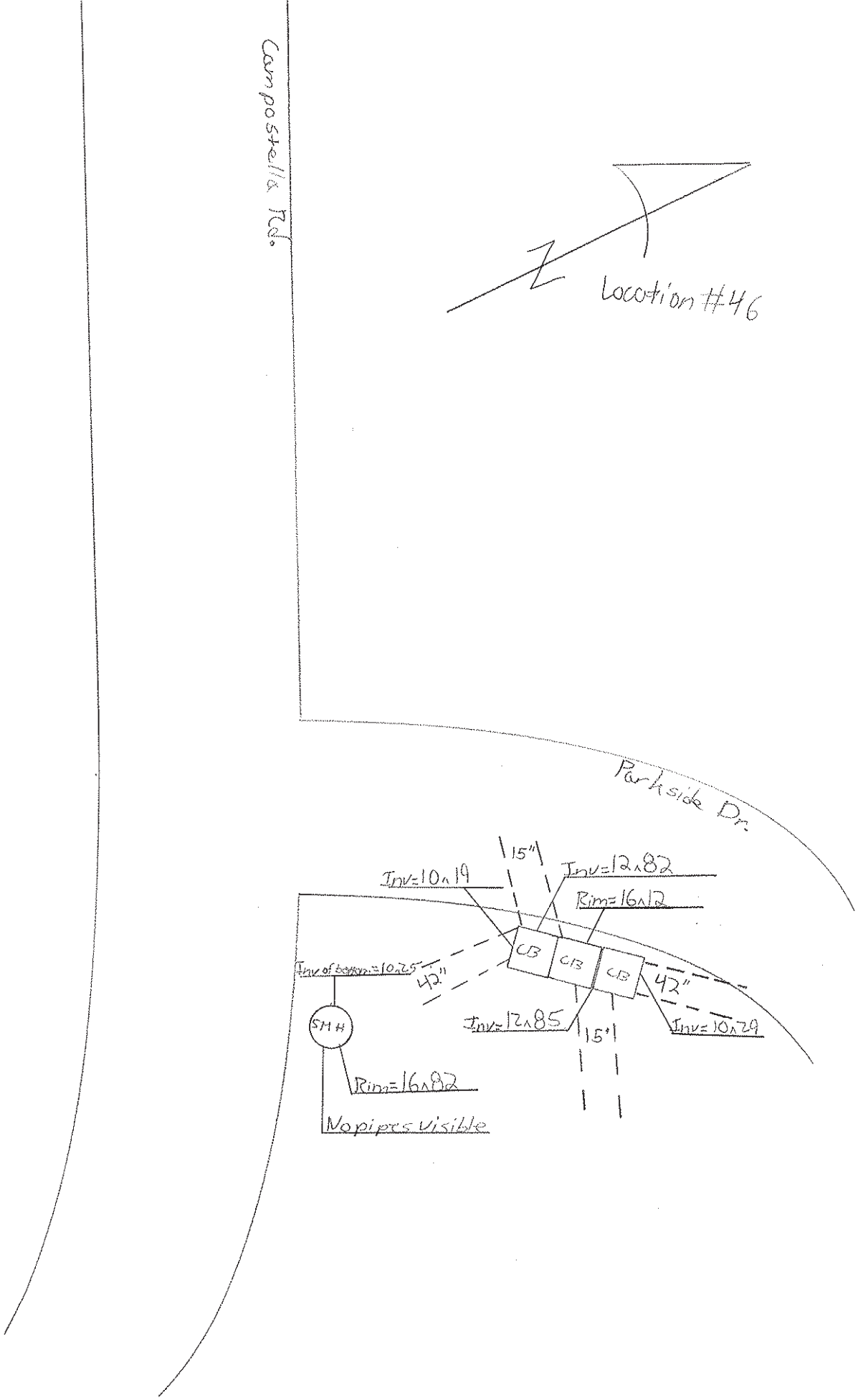
Location #43


Rim=14.905
Inv=7.965
Inv=8.015
24"
CB
24"
24"
Inv=8.80
WSE=11.20
Rim=15.215
Inv=4.465
Inv=4.585
60"
SMH
60"
Markland Dr.
Location #43
Lloyd Dr.
N

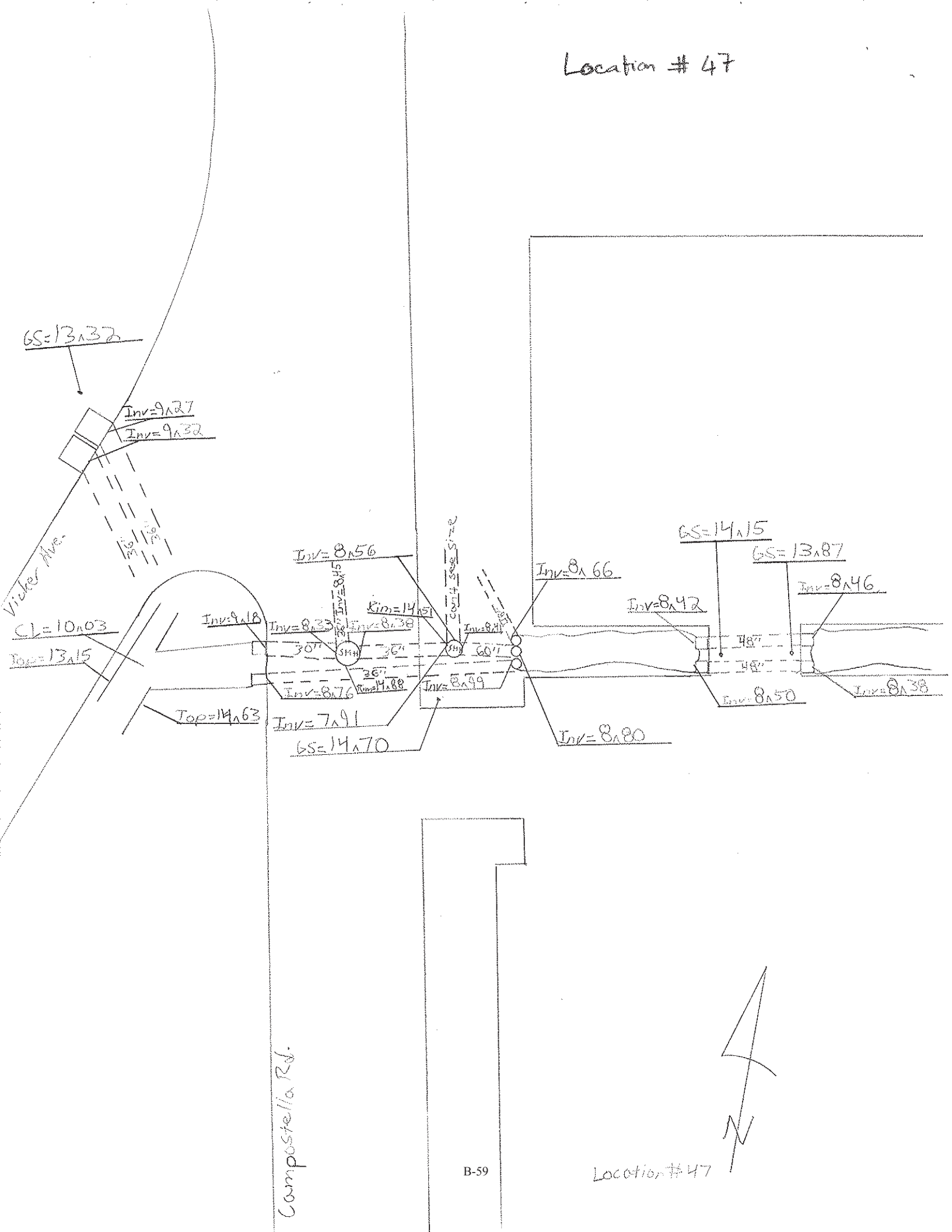

Location #44
N
H2O level = 9.00
Holly Point Blvd.
Inv=7.345
Inv=7.325
GS=13.34
9'
Box Culvert
Providence Rd.
Georgetown Blvd.
Inv=6.375
60"
Corrugated Metal pipes
60"
GS=15.61
Inv=5.45
H2O level = 9.02

Location #45
Node 697, 691.2




Campostella Rd.
Location #46
Parkside Dr.
15"
Inv=10.19
Inv=12.82
Rim=16.12
CB
CB
CB
Inv of bottom=10.25
42"
42"
SMH
Inv=12.85
15"
Inv=10.29
Rim=16.82
No pipes visible

Location # 47






Location # 47

PROJECT/WATERSHED: Indian River

NODE/POINT #: 796

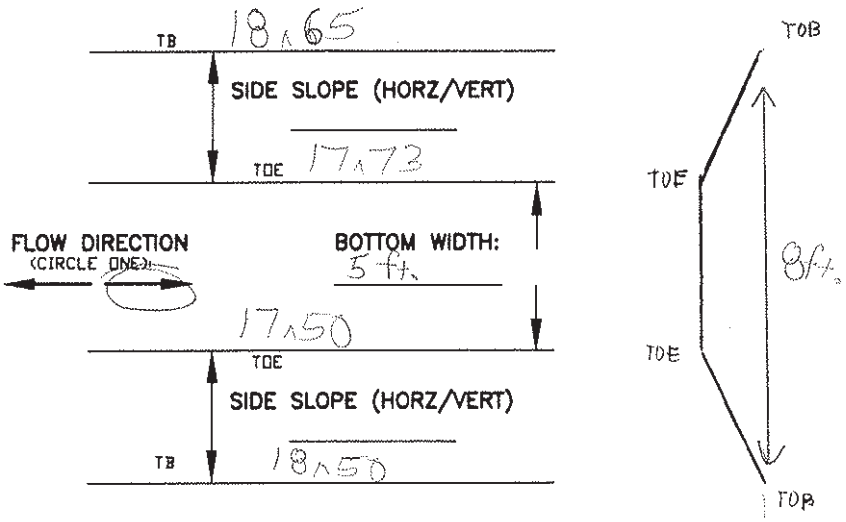
LOCATION/NEAREST INTERSECTION: 48

DATE: _____

SURVEYED BY: _____

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

CHANNEL SECTION:



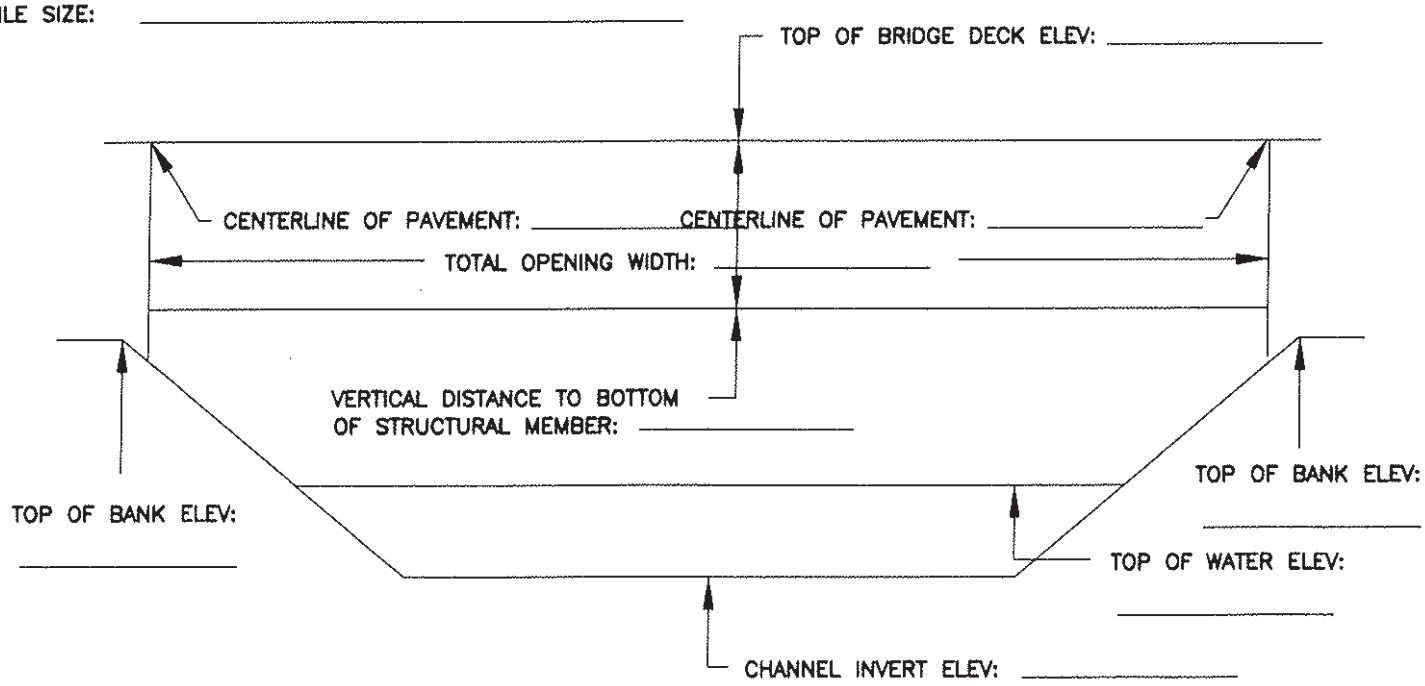

BRIDGE SECTION:

BRIDGE MATERIALS: _____

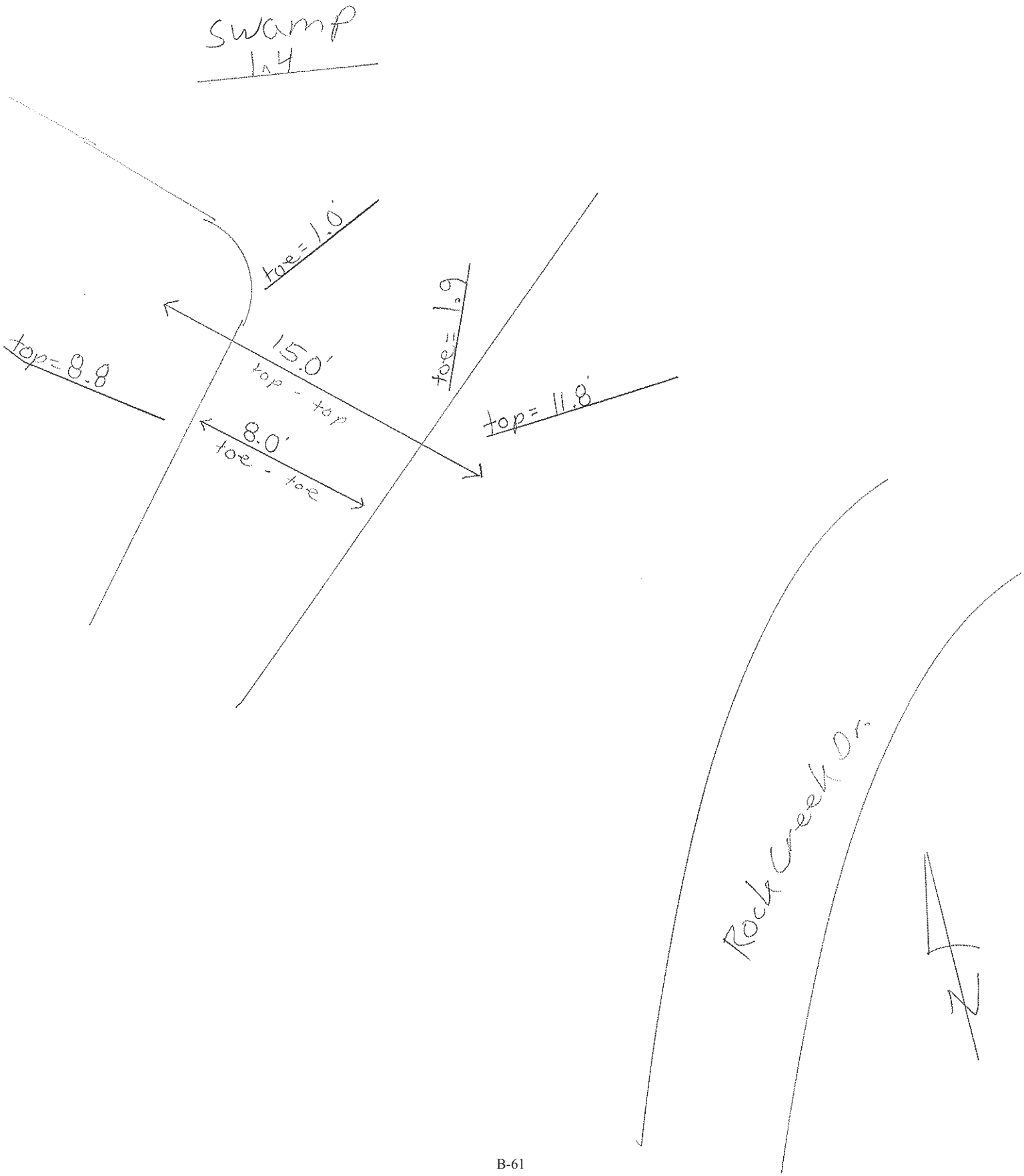
BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



Location # 49


swamp
1.4
toe= 1.0'
toe= 1.9
top= 8.8
15.0'
top - top
top= 11.8'
8.0'
toe - toe
Rock Creek Dr.
N

PROJECT/WATERSHED: Indian River

DATE: 9/25/10 10:00am

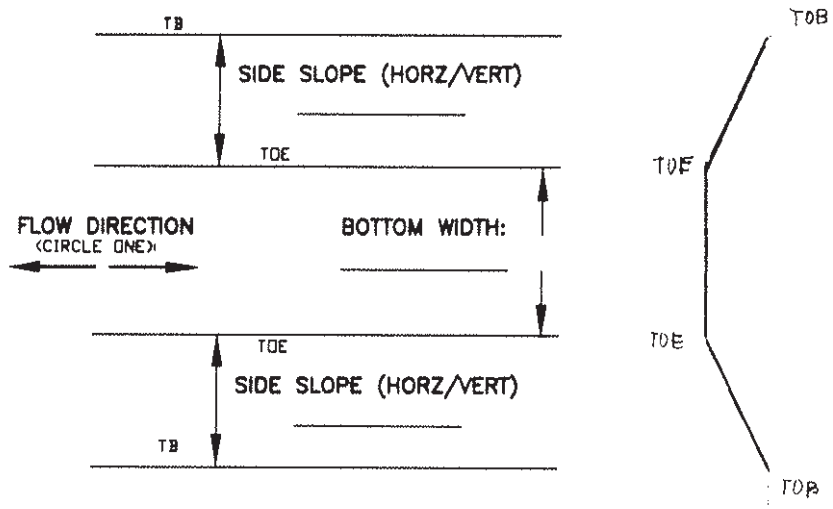
NODE/POINT #: 812

SURVEYED BY: _____

LOCATION/NEAREST INTERSECTION: 50

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

CHANNEL SECTION:



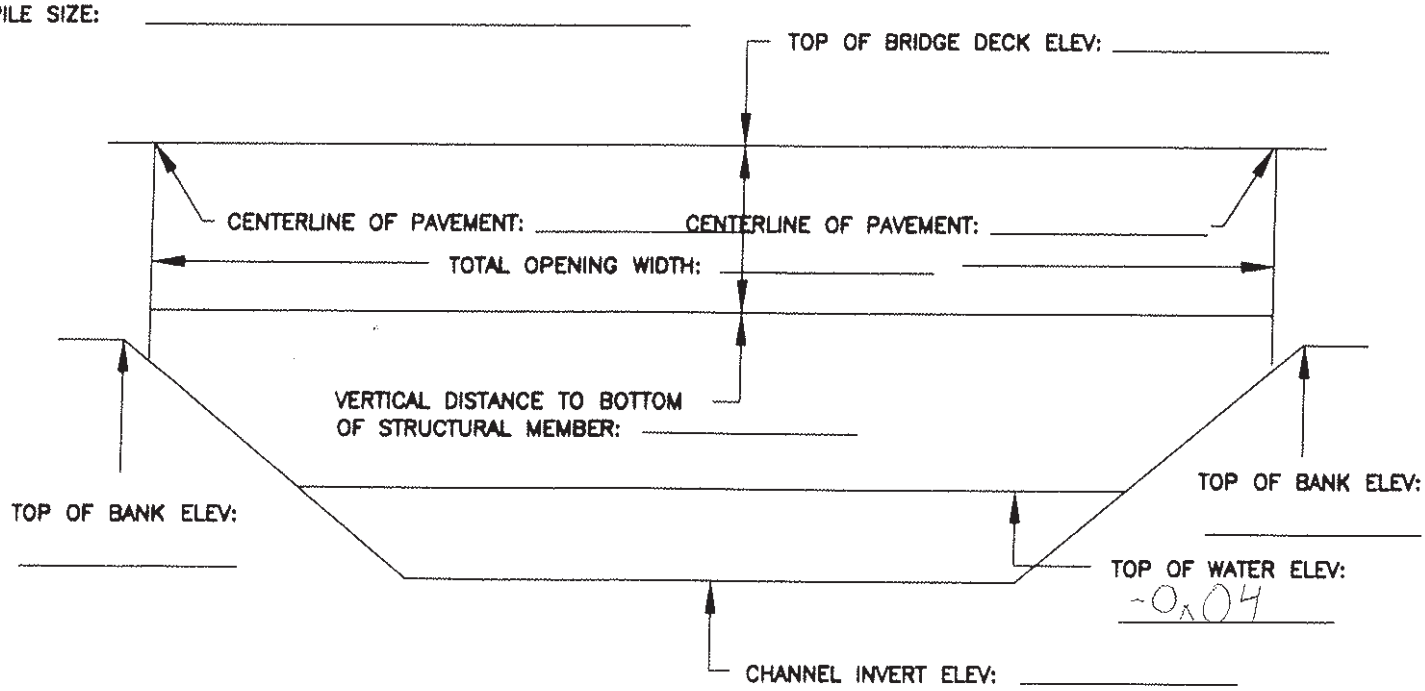

BRIDGE SECTION:

BRIDGE MATERIALS: _____

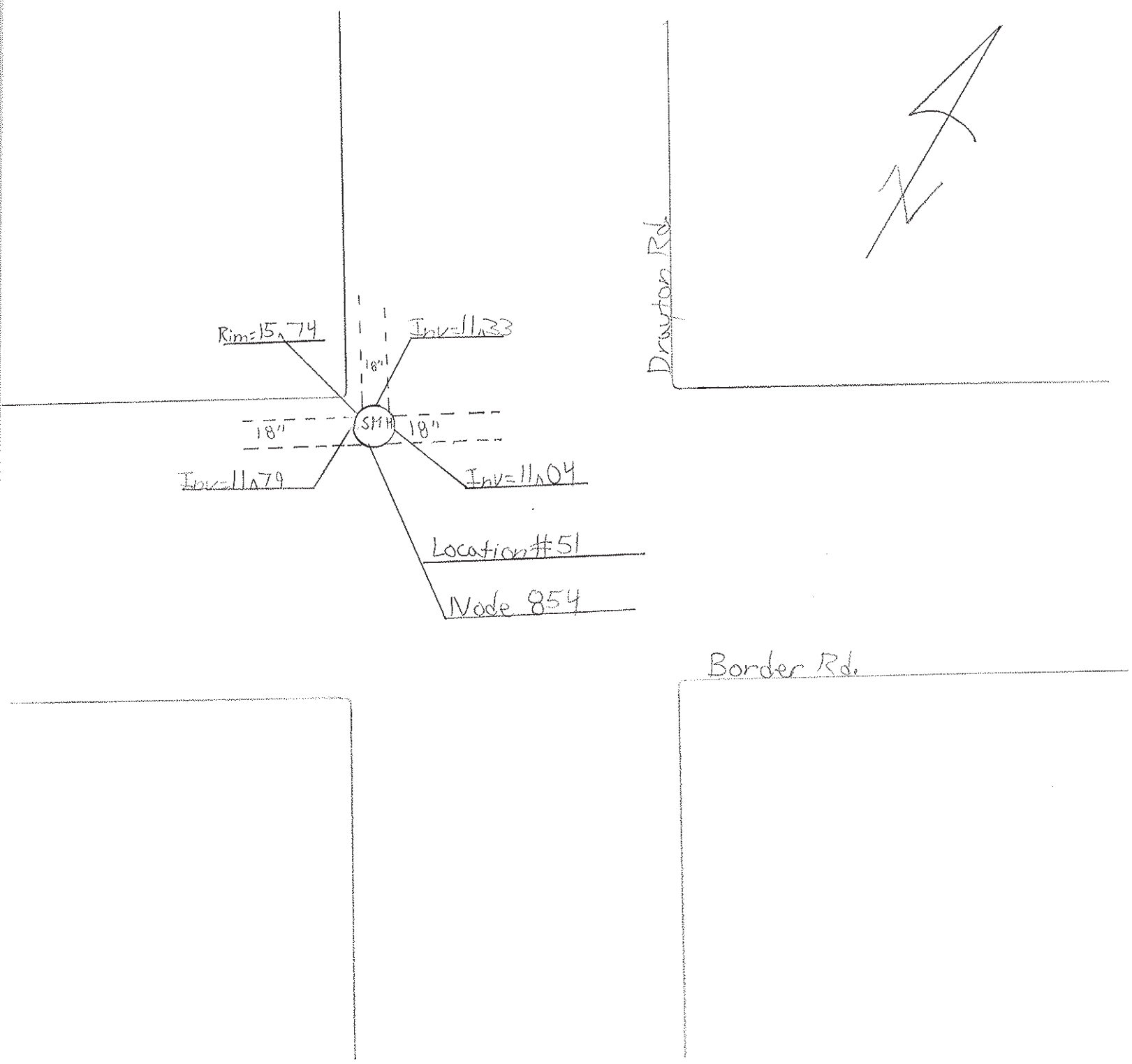
BRIDGE WIDTH: _____

PILE TYPE: _____

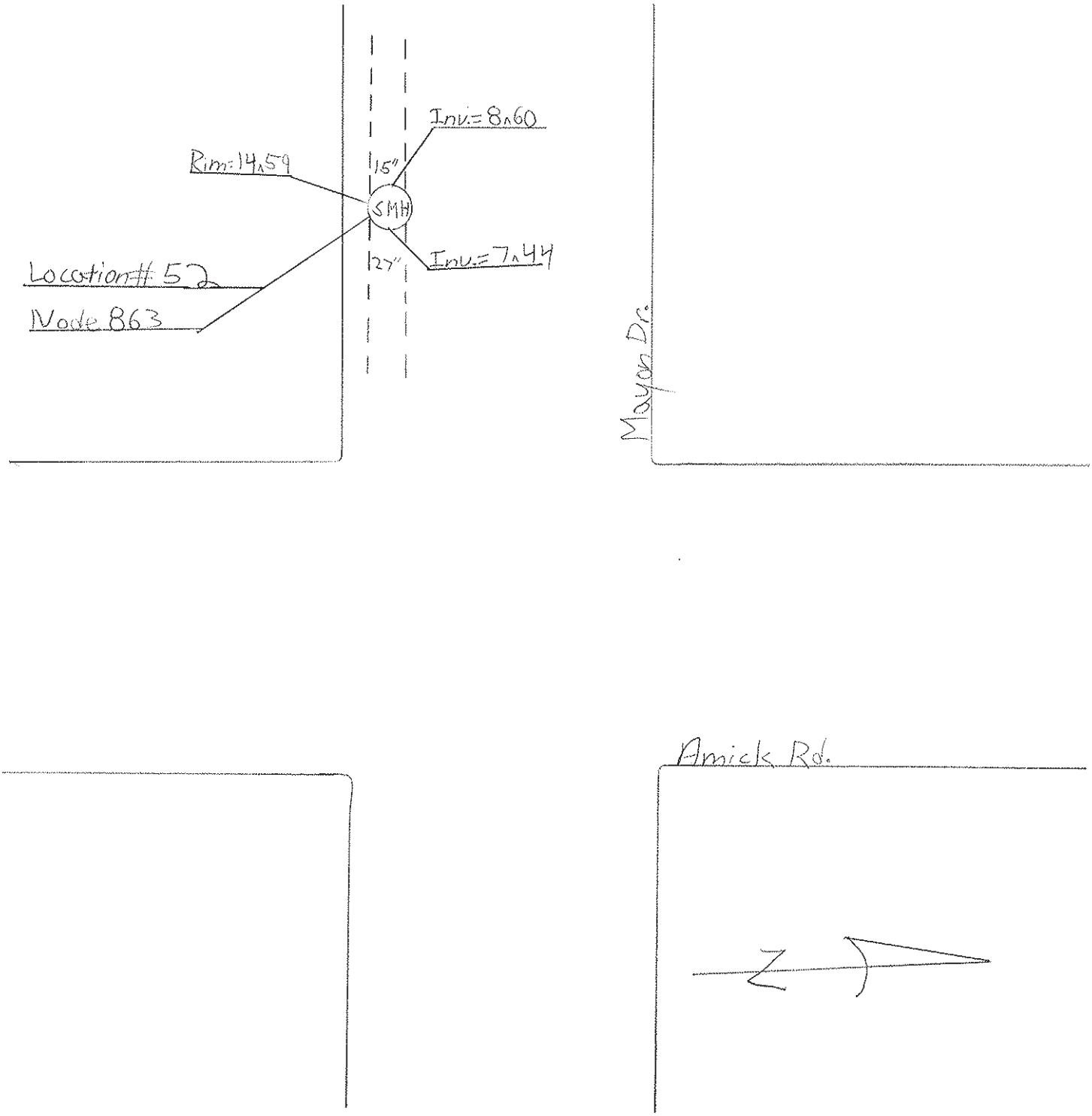
PILE SIZE: _____



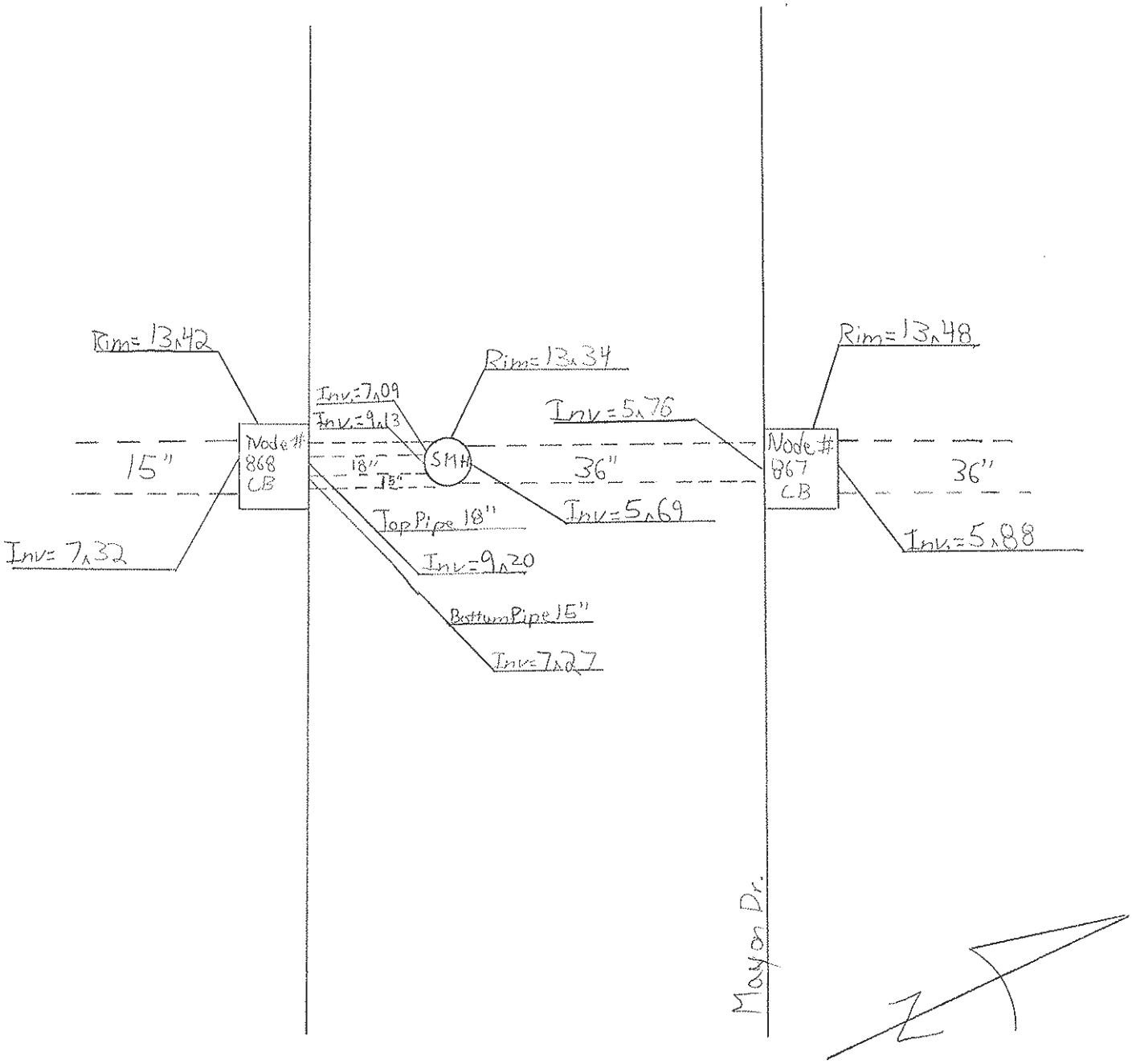
Location #51


Drayton Rd.
Rim=15.74
Inv=11.33
18"
18"
SMH
18"
Inv=11.79
Inv=11.04
Location #51
Node 854
Border Rd.

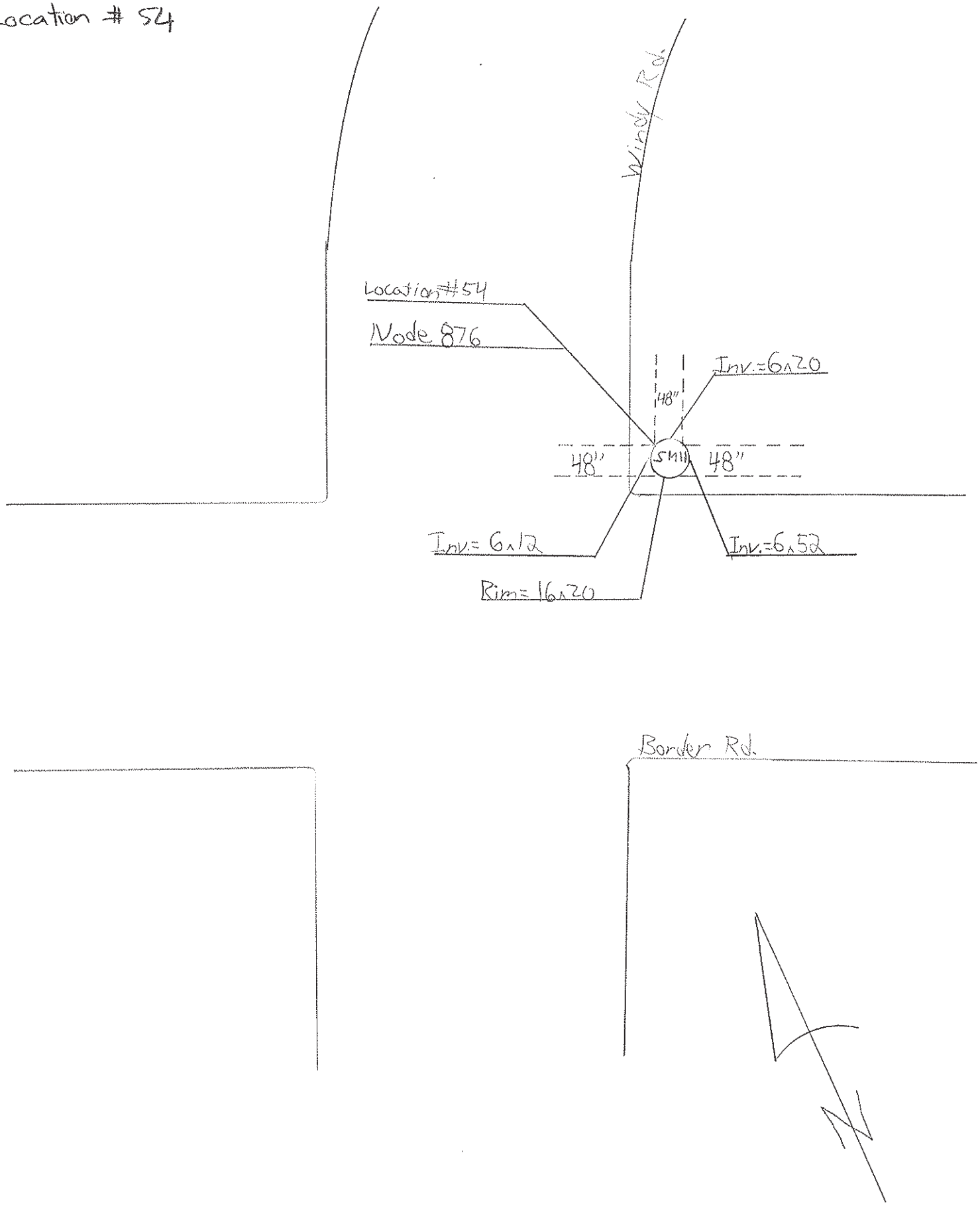
Location #52


Inv.=8.60
Rim=14.59
15"
SMH
27"
Inv.=7.44
Location #52
Node 863
Mayer Dr.
Amick Rd.

Location #53


Rim=13.42
Node #
868
CB
15"
Inv=7.32
Inv=7.09
Inv=9.13
18"
15"
SMH
Top Pipe 18"
Inv=9.20
Bottom Pipe 15"
Inv=7.27
Rim=13.34
Inv=5.76
36"
Inv=5.69
Node #
867
CB
36"
Rim=13.48
Inv=5.88
Mayon Dr.

Location # 54


Windy Rd.
Location #54
Node 876
Inv.=6x20
48"
48"
SMH
48"
Inv.= 6x12
Inv.=6x52
Rim=16x20
Border Rd.
N

Project: Indian River Water Shed

Node/Point #: 836, 837, 845

Location/Nearest Intersection: # 55

Date:

Surveyed By:

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

Rim Elev.: 12.77

Flow Direction

Culvert Material: Conc.

Culvert Depth:

Culvert Width: 48"

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

Invert In Elev.: 8.02

Invert Out Elev.: 8.33

Flow Direction

Culvert Material: Conc.

Culvert Depth:

Culvert Width: 48"

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:

Node 845 is a 48" pipe going into a ditch

Could not locate Node 837

Node 836 is a Drop inlet

PROJECT/WATERSHED: Indian River

NODE/POINT #: 852

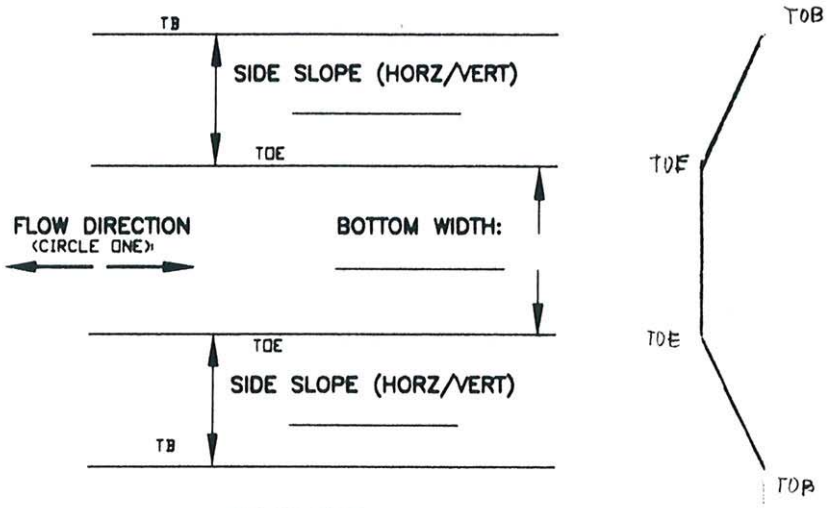
LOCATION/NEAREST INTERSECTION: 56

DATE: 9/25/10 8:40am

SURVEYED BY: _____

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

CHANNEL SECTION:



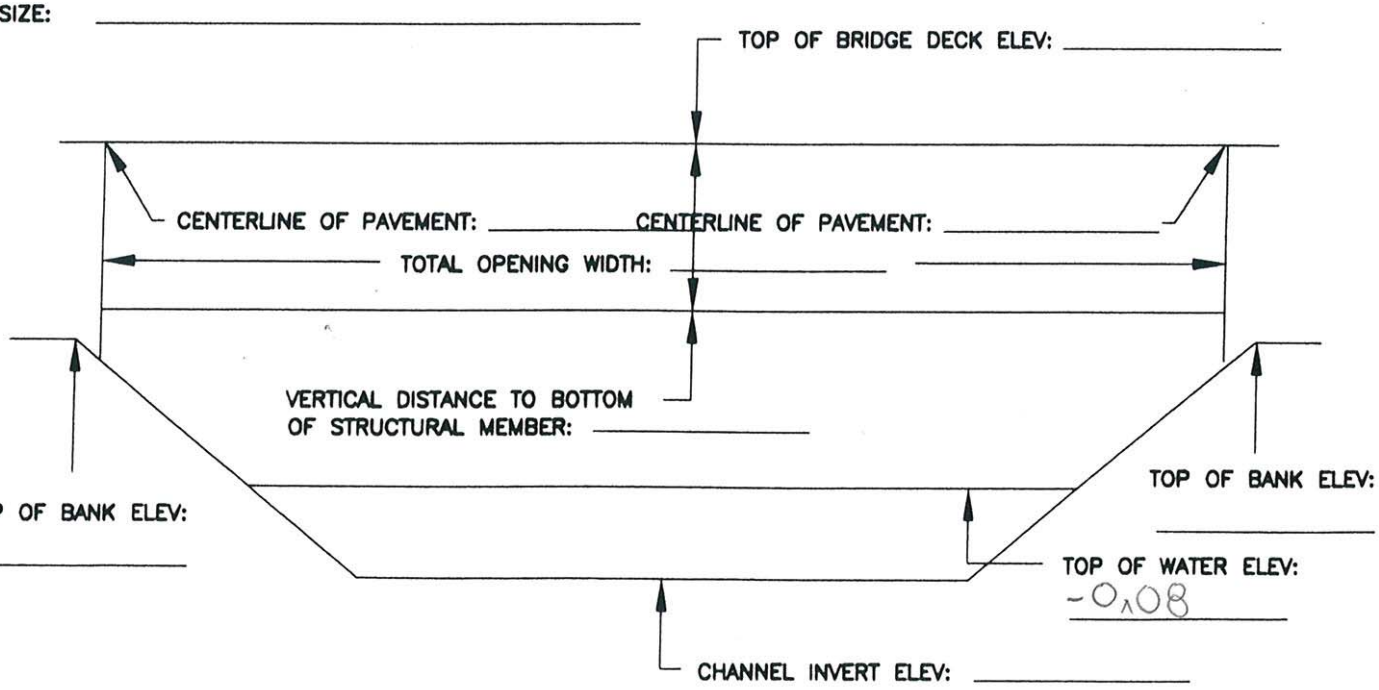

BRIDGE SECTION:

BRIDGE MATERIALS: _____

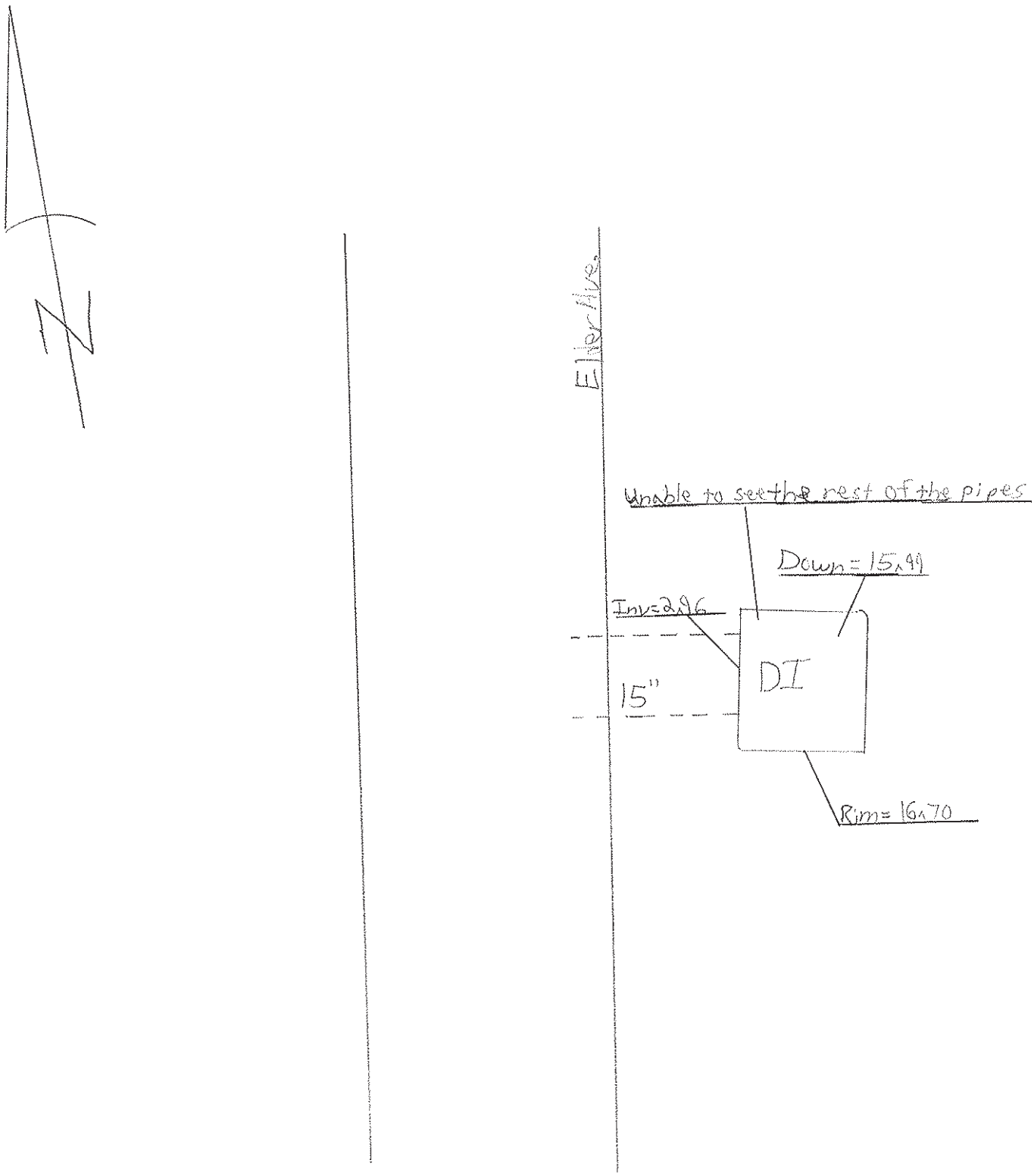
BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____



Location 57 Node 902



Project: Indian River Water Shed

Node/Point #: 906

Location/Nearest Intersection: #58

Date:

Surveyed By:

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: 60"

Culvert Width: 60"

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.: 9.00

High Shoulder Elev.: 8.10

CULVERT

Low Shoulder Elev.: 8.02

Inv = -6.84

Ditch Invert Elev.: -1.26

Additional description of the point location:

Project: Indian River Water Shed

Node/Point #: 907

Location/Nearest Intersection: #58

Date:

Surveyed By:

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: 60"

Culvert Width: 60"

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.: 9.40

High Shoulder Elev.: 7.87

CULVERT

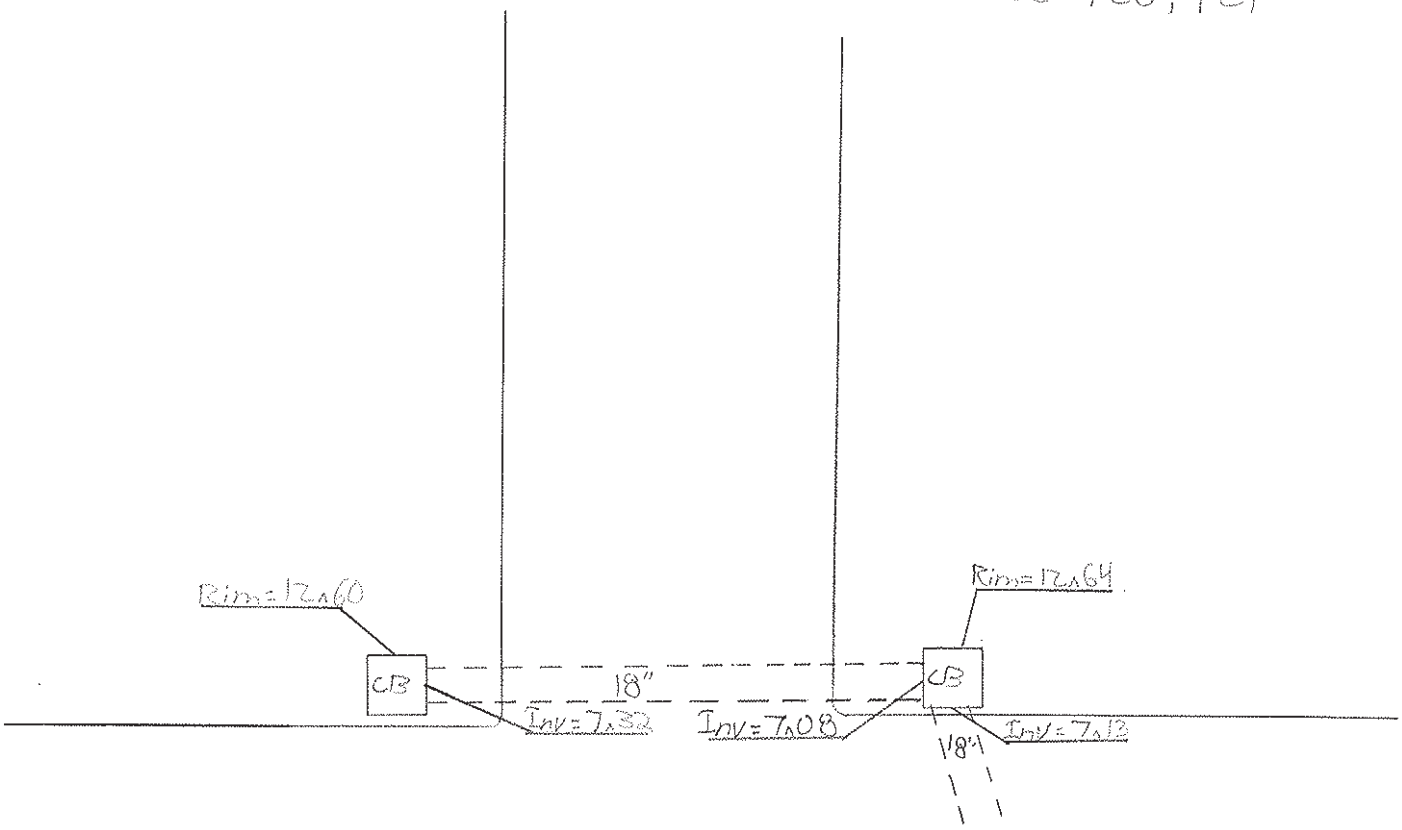
Low Shoulder Elev.: 7.65

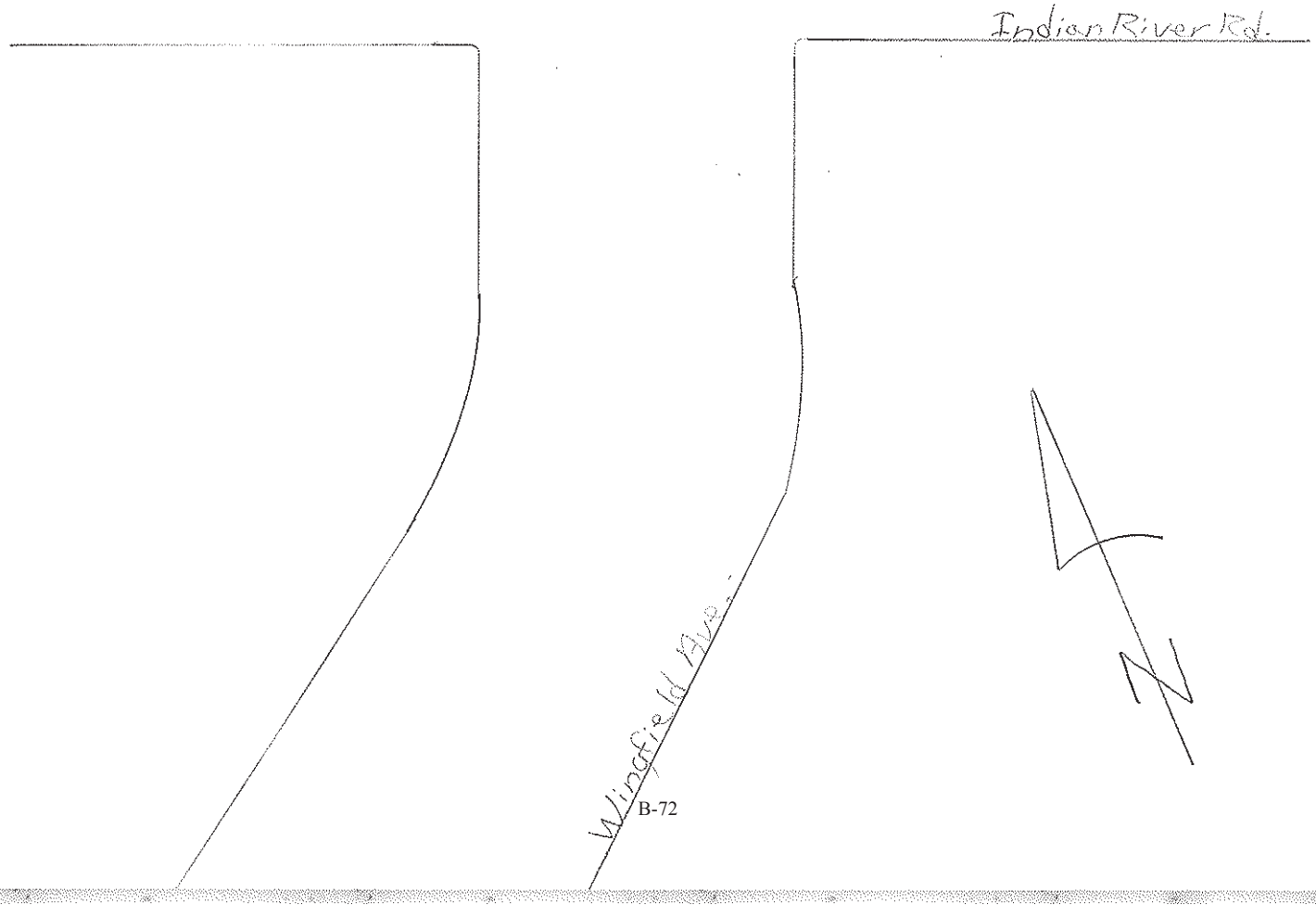
Inv=-7.13

Ditch Invert Elev.: -1.66

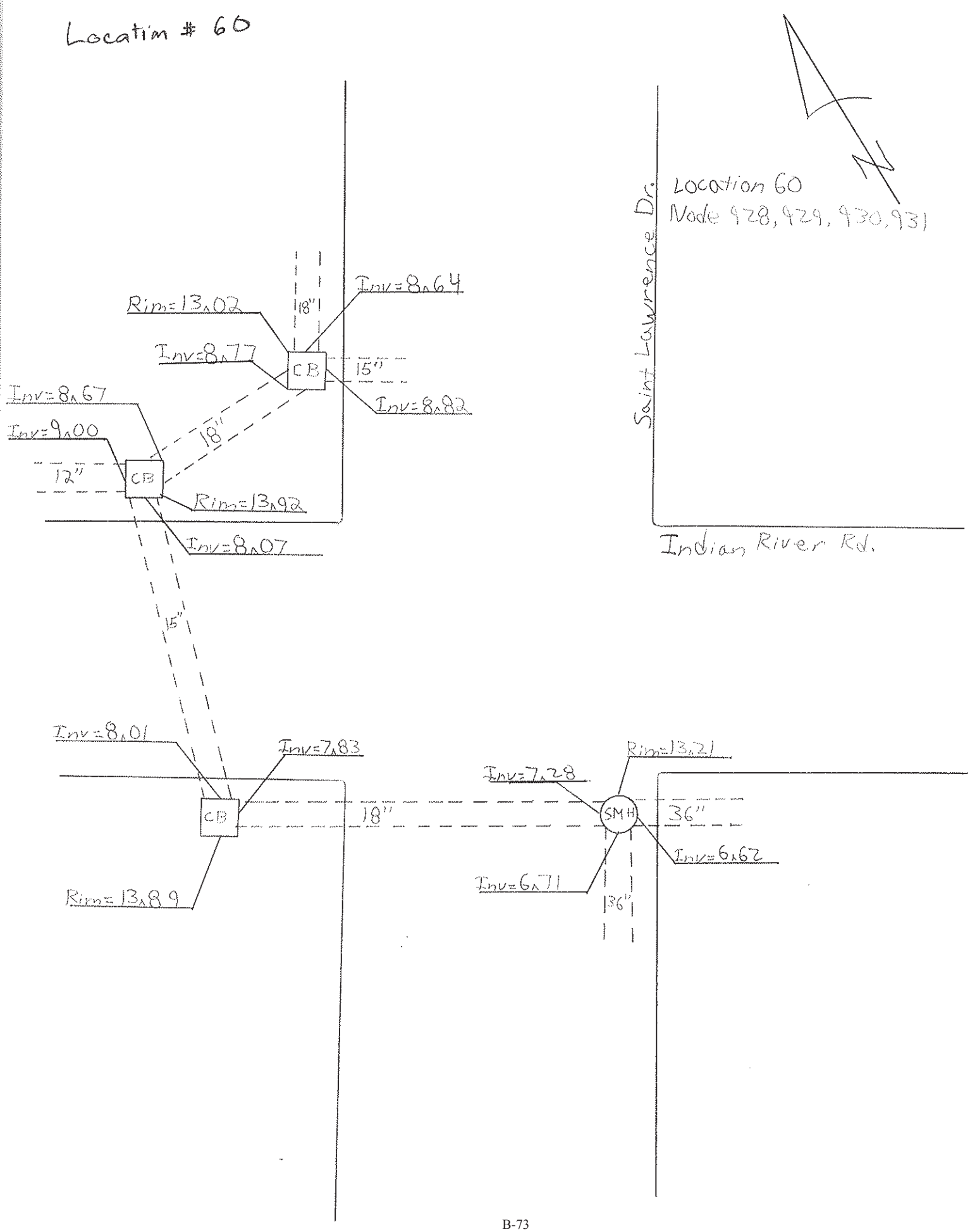
Additional description of the point location:

Location 59
Node 920, 921



Location # 60


Location 60
Node 928, 929, 930, 931
Saint Lawrence Dr.
Indian River Rd.
Rim=13.02
Inv=8.64
18"
Inv=8.77
CB
15"
Inv=8.82
Inv=8.67
Inv=9.00
18"
12"
CB
Rim=13.92
Inv=8.07
15"
Inv=8.01
Inv=7.83
CB
18"
Rim=13.89
Rim=13.21
Inv=7.28
SMH
36"
Inv=6.62
Inv=6.71
36"

PROJECT/WATERSHED: Indian River

NODE/POINT #: 935, 936

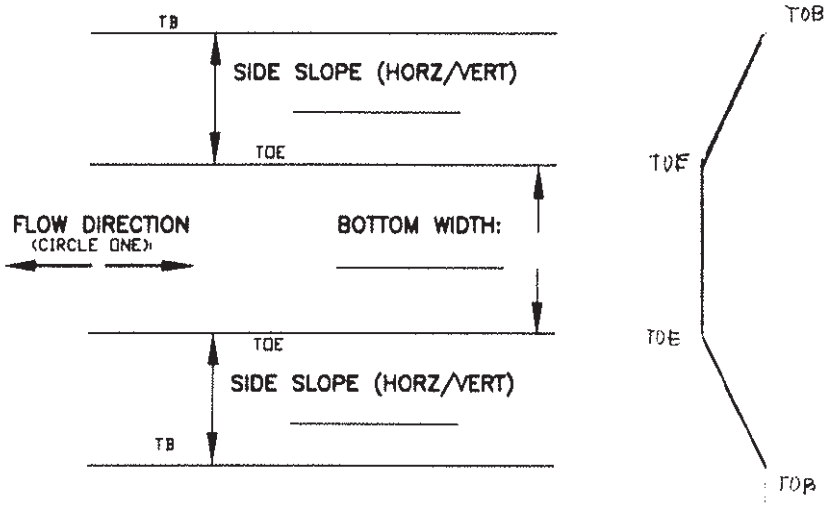
LOCATION/NEAREST INTERSECTION: 61

DATE: _____

SURVEYED BY: _____

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

CHANNEL SECTION:



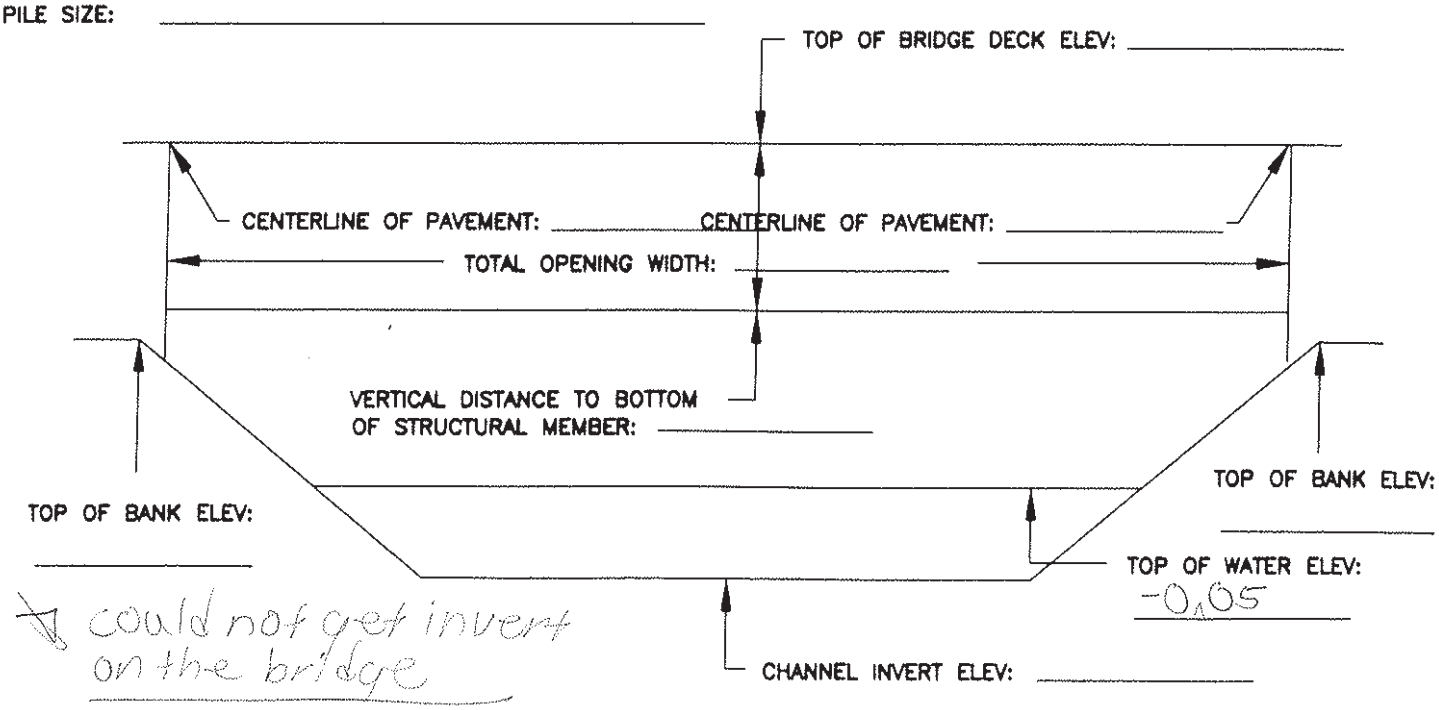

BRIDGE SECTION:

BRIDGE MATERIALS: _____

BRIDGE WIDTH: _____

PILE TYPE: _____

PILE SIZE: _____




could not get invert on the bridge

PROJECT/WATERSHED: Indian River

NODE/POINT #: 935, 936

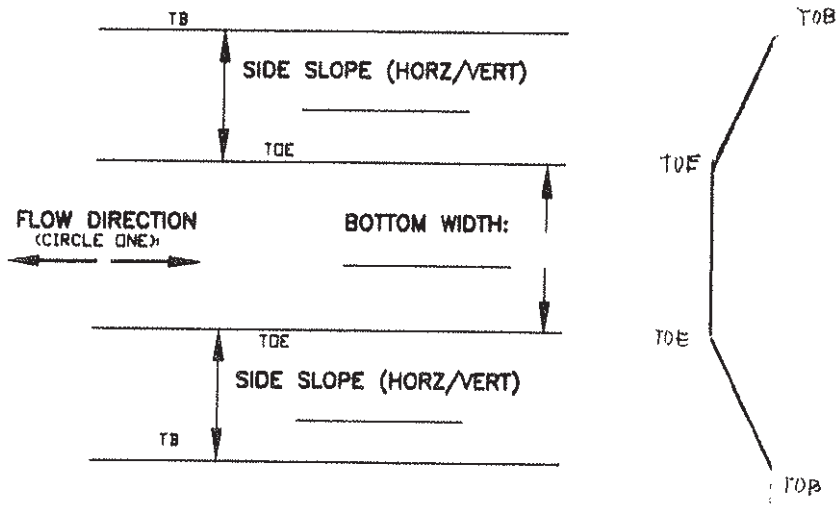
LOCATION/NEAREST INTERSECTION: 61

DATE:

SURVEYED BY:

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

CHANNEL SECTION:



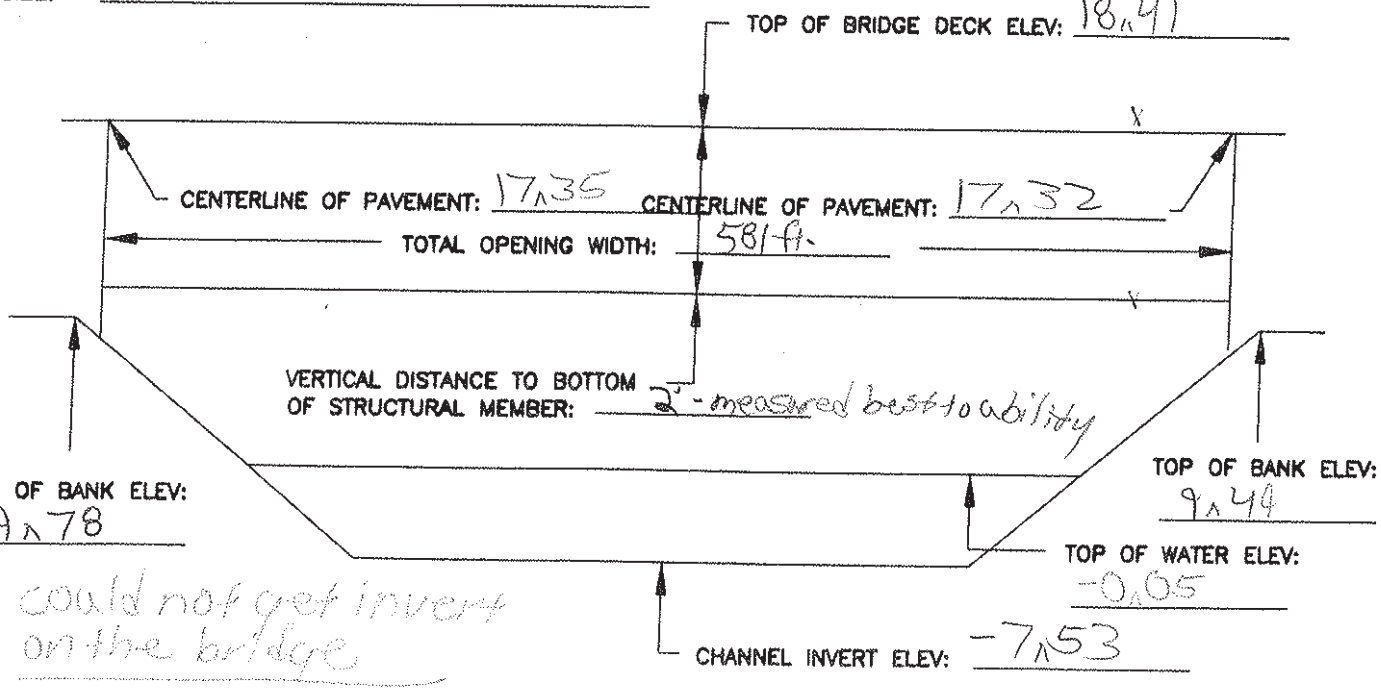

BRIDGE SECTION:

BRIDGE MATERIALS:

BRIDGE WIDTH:

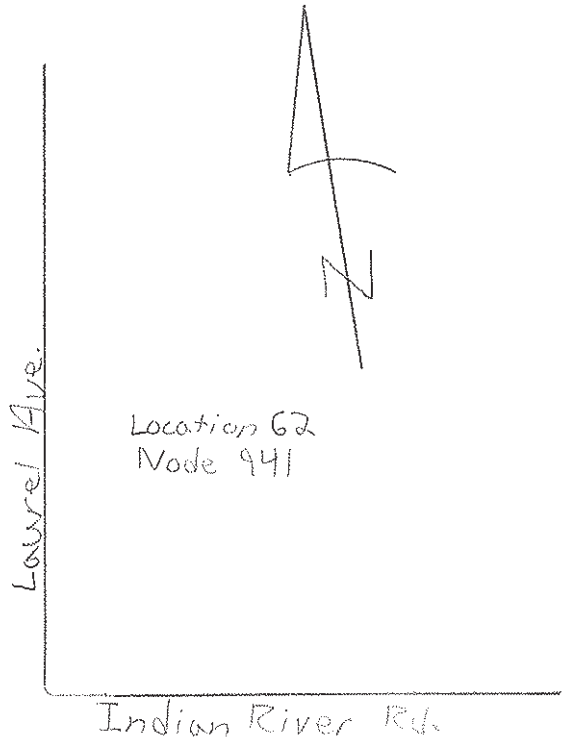
PILE TYPE:

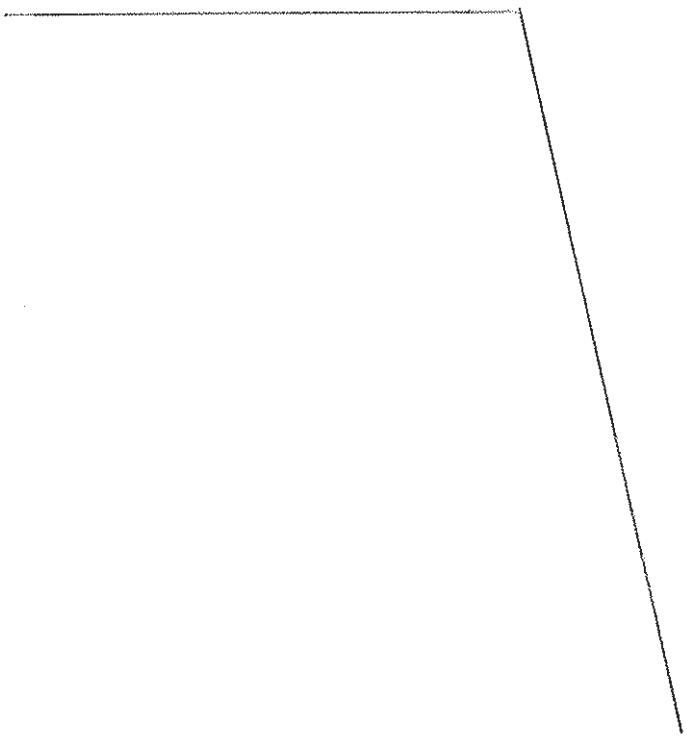
PILE SIZE:

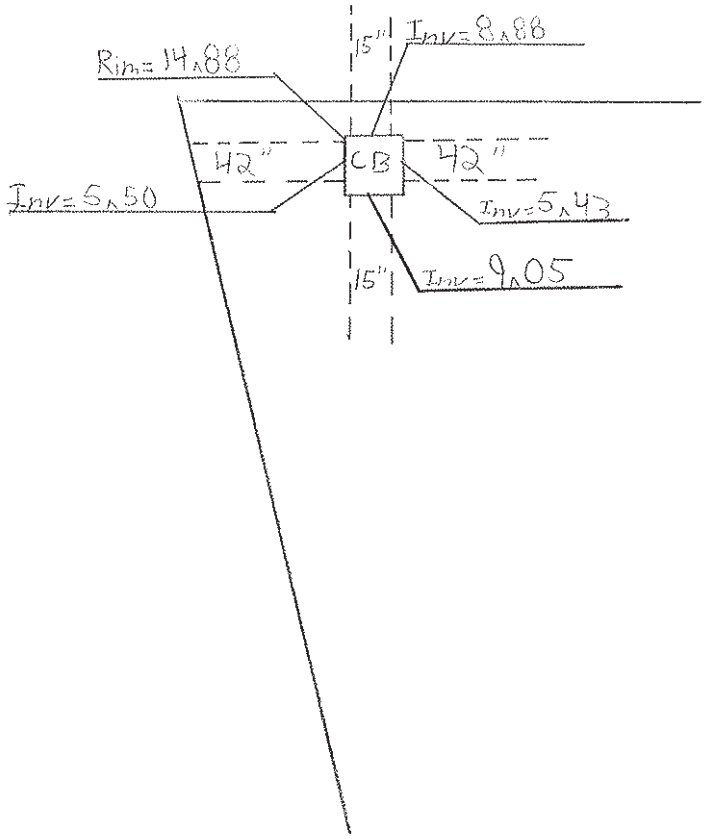



could not get invert on the bridge

Location #62


N
Laurel Ave.
Location 62
Node 941
Indian River Rd.




Rim=14.88
15"
Inv=8.88
42"
CB
42"
Inv=5.50
Inv=5.43
15"
Inv=9.05