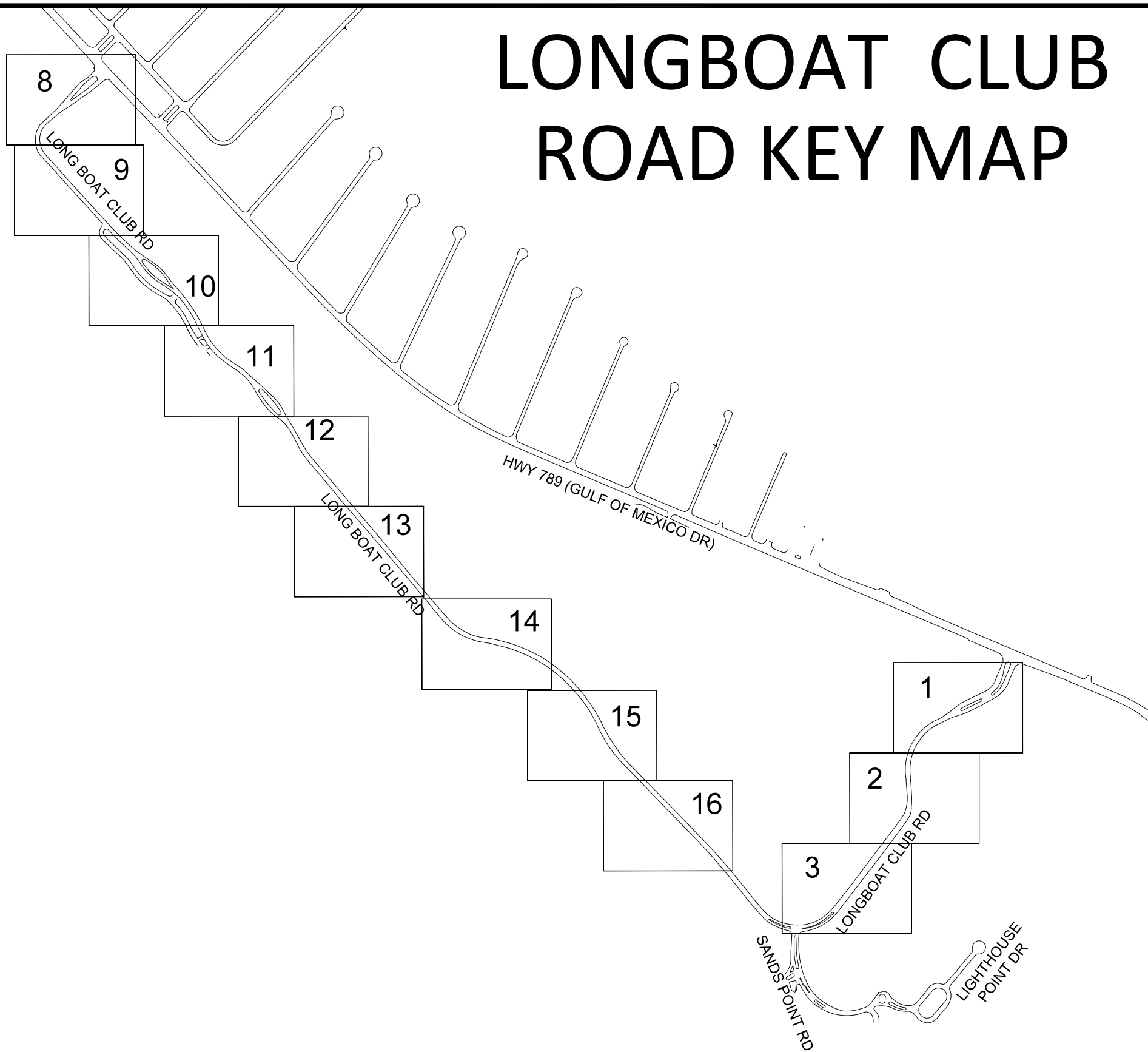


# LONGBOAT CLUB ROAD KEY MAP



| SYMBOL LEGEND |                                     |
|---------------|-------------------------------------|
|               | CENTERLINE                          |
|               | EDGE OF PAVEMENT                    |
|               | RIGHT OF WAY                        |
|               | SIDEWALK                            |
|               | PROPOSED CONDUIT                    |
|               | SANITARY SEWER                      |
|               | OVERHEAD LINES                      |
|               | PROPERTY LINES                      |
|               | SURVEY CONTROL POINT                |
|               | CONCRETE MONUMENT FOUND             |
|               | IRON PIPE FOUND                     |
|               | IRON ROD FOUND                      |
|               | NAIL AND DISC FOUND                 |
|               | UTILITY POLE (WOOD)                 |
|               | UTILITY POLE (CONCRETE)             |
|               | GUY WIRE                            |
|               | SANITARY MANHOLE                    |
|               | CLEANOUT                            |
|               | GRATE INLET                         |
|               | STORMWATER MANHOLE                  |
|               | MITERED END SECTION                 |
|               | UTILITY MANHOLE                     |
|               | GAS LINE MARKER                     |
|               | FIRE HYDRANT                        |
|               | WATER VALVE                         |
|               | WATER METER                         |
|               | BACKFLOW PREVENTER                  |
|               | TRANSFORMER                         |
|               | CABLE MARKER                        |
|               | GAS VALVE / METER                   |
|               | LIGHT POLE                          |
|               | LANDSCAPE LIGHT                     |
|               | BOLLARD                             |
|               | SIGN                                |
|               | UTILITY RISER / PEDESTAL            |
|               | CONTROL PANEL                       |
|               | TRAFFIC / PEDESTRIAN CONTROL        |
|               | IRRIGATION VALVE                    |
|               | GUY POLE                            |
|               | SERVICE BOX (ELECTRIC)              |
|               | SERVICE BOX (CABLE)                 |
|               | SERVICE BOX (TELEPHONE)             |
|               | MAILBOX                             |
|               | PROPOSED FIBER OPTIC 24X36 HANDHOLE |
|               | PROPOSED STREET LIGHT POLE          |
|               | PROPOSED STREET LIGHT HANDHOLE      |

NOTE:  
A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS ONLY TO BE TERMINATED IN FIBER OPTICS HANDHOLES.  
B. 2" HDPE GRAY STREET LIGHT CONDUITS ONLY TO BE TERMINATED IN STREET LIGHT HANDHOLES.

These drawings are to be used for construction purposes only. They are not to be used for any other purpose. The original signature and raised seal of the engineer shall not be submitted for review or used for any other purpose. The original signature and raised seal shall be retained by the engineer and shall not be used for any other purpose. The original signature and raised seal shall be retained by the engineer and shall not be used for any other purpose.

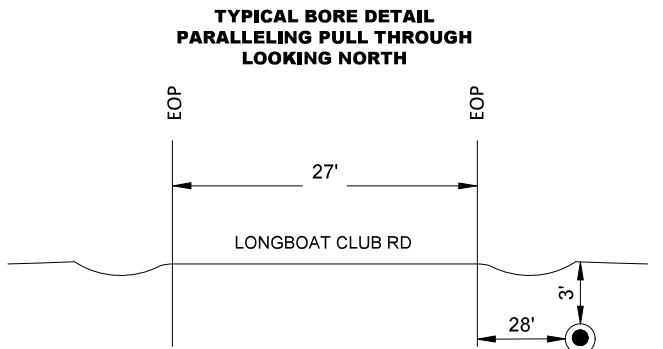
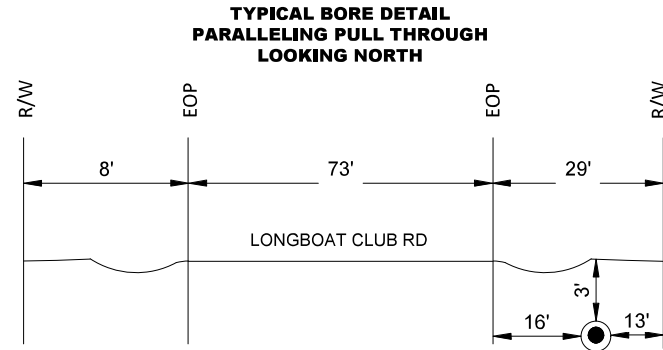
Digitally signed by  
Danny P. Brannon  
Date: 2020.02.19  
15:08:14 -05'00'  
I, DANNY P. BRANNON, P.E.,  
REGISTERED PROFESSIONAL ENGINEER,  
STATE OF FLORIDA, LICENSE NO. 15061,  
DO HEREBY CERTIFY THAT THESE  
DRAWINGS AND ESTIMATES, THEY  
BEING NOT BE USED FOR  
CONSTRUCTION.

## Town of Longboat Key

DRAWINGS FOR:  
**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION**  
LONGBOAT KEY, FLORIDA

**Brannon & Gillespie, LLC**  
Consulting Engineers  
  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

|          |            |
|----------|------------|
| Date:    | 12/01/2019 |
| Scale:   | AS NOTED   |
| Drawn:   | DPB        |
| Checked: | DPB        |
| Job #    | 2014-LBK   |
| Sheet    | L KEY MAP  |



**NOTE:**

**1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .**

**2" HDPE TO BE BLACK WITH ORANGE STRIPE .**

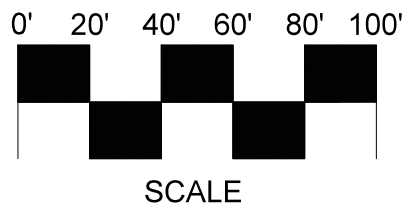
**[H] FIBER OPTICS 24"x36" HANDHOLE.**

**BORE RUNS:**

**① 1099' : 1-2" HDPE FIBER OPTIC CONDUIT.**

**(X) SEE CONTINUATION SHEET FOR CONDUIT INFORMATION**

**1-2" HDPE FIBER OPTIC CONDUIT.**



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Digitally signed by  
Danny P Brannon  
Date: 2020.02.19  
15:08:14 -05'00'  
These drawings are prepared by the engineer and are not to be used for any other purpose without the original signature and raised seal of the engineer.

# Town of Longboat Key

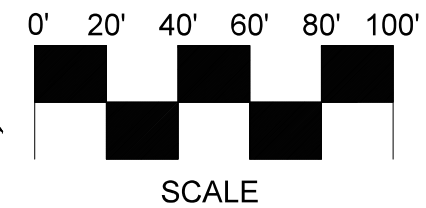
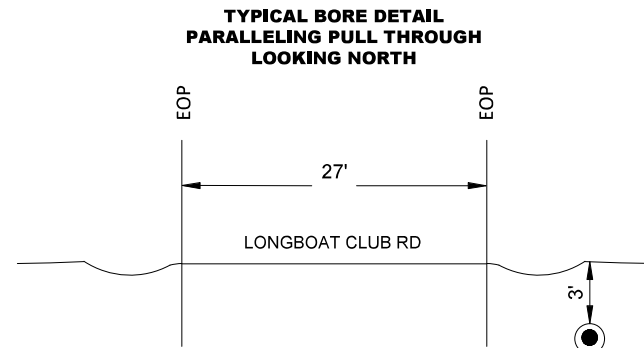
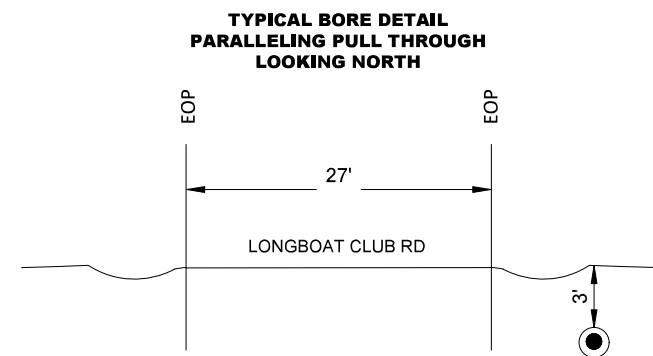
**Brannon & Gillespie, LLC**  
Consulting Engineers  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

DRAWINGS FOR:  
**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION**  
LONGBOAT KEY, FLORIDA



Date: 12/01/2019  
Scale: AS NOTED  
Drawn: DPB  
Checked: DPB  
Job # 2014-LBK  
Sheet

**L1 OF 12**



**NOTE:**

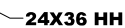
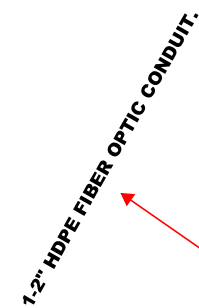
**1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .**

**2" HDPE TO BE BLACK WITH ORANGE STRIPE .**

**H FIBER OPTICS 24"x36" HANDHOLE.**

**BORE RUNS:**

- 1 1000' : 1-2" HDPE FIBER OPTIC CONDUIT.
- X SEE CONTINUATION SHEET  
FOR CONDUIT INFORMATION



MATCHLINE  
FOR CONTINUATION SEE SHEET 1

MATCHLINE  
FOR CONTINUATION SEE SHEET 3

These Drawings are **NOT** VALID for any purpose without the original signature and raised seal of the organization unless the original signature and raised seal are affixed. Drawings not signed and sealed by the Engineer shall not be submitted for any authority or used for any purpose where signed and sealed. **SEALING** is required.

Digitally signed by  
 Danny P Brannon  
 Date: 2020.02.19  
 15:08:14 -05'00'  
 THESE DRAWINGS ARE PRELIMINARY  
 AND NOT TO BE USED FOR  
 CONSTRUCTION.

**Brannon & Gillespie, LLC**

---

**Consulting Engineers**

---

631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION  
LONGBOAT KEY, FLORIDA**



|          |            |
|----------|------------|
| Date:    | 12/01/2019 |
| Scale:   | AS NOTED   |
| Drawn:   | DPB        |
| Checked: | DPB        |
| Job #    | 2014-LBK   |
| Sheet    |            |

Sheet  
L2 OF 12



**NOTE:**

**1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .**

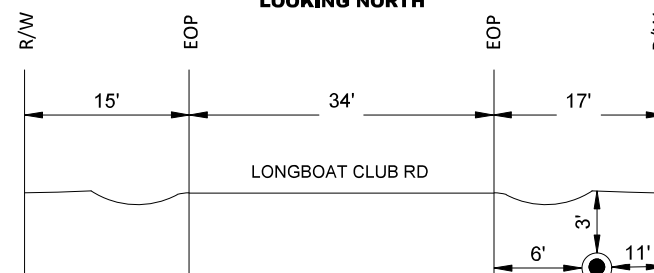
**2" HDPE TO BE BLACK WITH ORANGE STRIPE .**

**[H] FIBER OPTICS 24"x36" HANDHOLE.**

**BORE RUNS:**

- ① 1062' : 1-2" HDPE FIBER OPTIC CONDUIT.
- ⓧ SEE CONTINUATION SHEET  
FOR CONDUIT INFORMATION

**TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH**

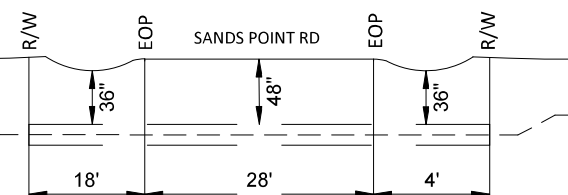


**1-2" HDPE FIBER OPTIC CONDUIT.**

24X36 HH

**24X36 HH**

**TYPICAL BORE DETAIL  
ROAD CROSSING  
LOOKING NORTH**



MATCHLINE  
FOR CONTINUATION SEE SHEET 2

These Drawings are NOT VALID for any purposes other than to compare with the original signature and raised seal of the original unless the original signature and raised seal are affixed. Drawings not designed and sealed by the Engineer shall not be submitted to any authority or used for any purpose where a signed and sealed drawing is required.

CALIFORNIA  
Digitally signed by  
Danny P Brannon  
Date: 2020.02.19  
15:08:14 -05'00'  
ITSE DRAWINGS ARE PRELIMINARY  
UNLESS OTHERWISE NOTED FOR  
MONITORING PURPOSES AND FOR  
CONSTRUCTION ESTIMATES. THEY  
SHALL NOT BE USED FOR

# Town of Longboat Key



DRAWINGS FOR:  
**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION**  
LONGBOAT KEY, FLORIDA

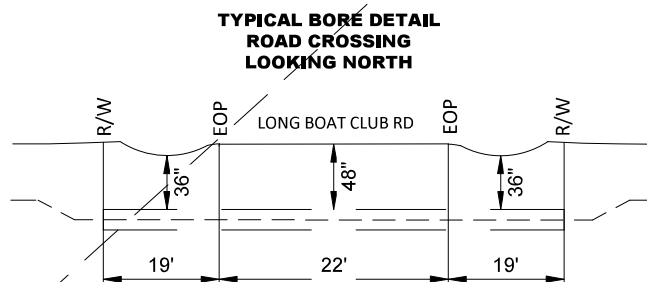
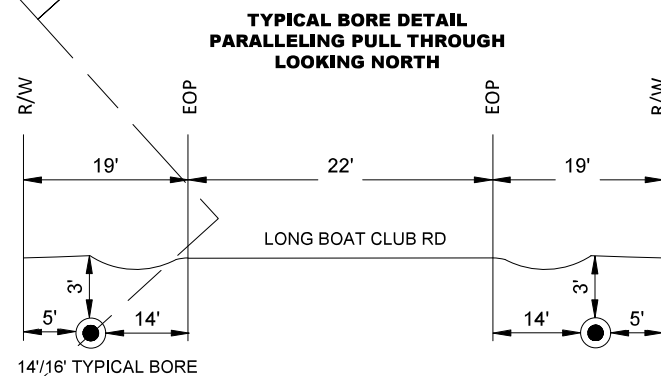
**Brannon & Gillespie, LLC**  
**Consulting Engineers**  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
CA # 6784  
(561) 847-4425

|          |            |
|----------|------------|
| Date:    | 12/01/2019 |
| Scale:   | AS NOTED   |
| Drawn:   | DPB        |
| Checked: | DPB        |
| Job #    | 2014-LBK   |
| Sheet    |            |

L3 OF 12



MATCHLINE  
FOR CONTINUATION SEE SHEET 4



**NOTE:**

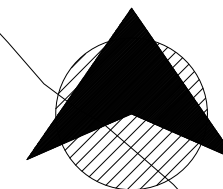
**1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .**

**2" HDPE TO BE BLACK WITH ORANGE STRIPE .**

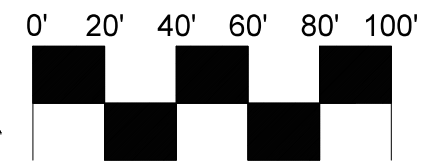
**[H] FIBER OPTICS 24"x36" HANDHOLE.**

### BORE RUNS:

- ① 1000' : 1-2" HDPE FIBER OPTIC CONDUIT.
- ② SEE CONTINUATION SHEET  
FOR CONDUIT INFORMATION



NORTH



SCALE

These Drawings are NOT VALID  
for any purpose which requires  
the original signature and raised  
seal of the ~~engineer~~ unless the  
original signature and raised  
seal are affixed. Drawings not  
signed and sealed by the  
engineer shall not be submitted  
to any authority or used for any  
purpose where signed and  
sealed drawings are required.

Digitally signed by  
 Danny P Brannon  
 Date: 20.10.202 19  
 15:08:14 -0500  
 THESE DRAWINGS ARE THE PROPERTY OF  
 DANNY P. BRANNON  
 MONITORING PROGRAM  
 FOR ROAD BUILDING  
 CONSTRUCTION ESTIMATES. THEY  
 DATE, NOT BE USED FOR  
 CONSTRUCTION.

# Town of Longboat Key

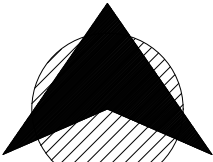
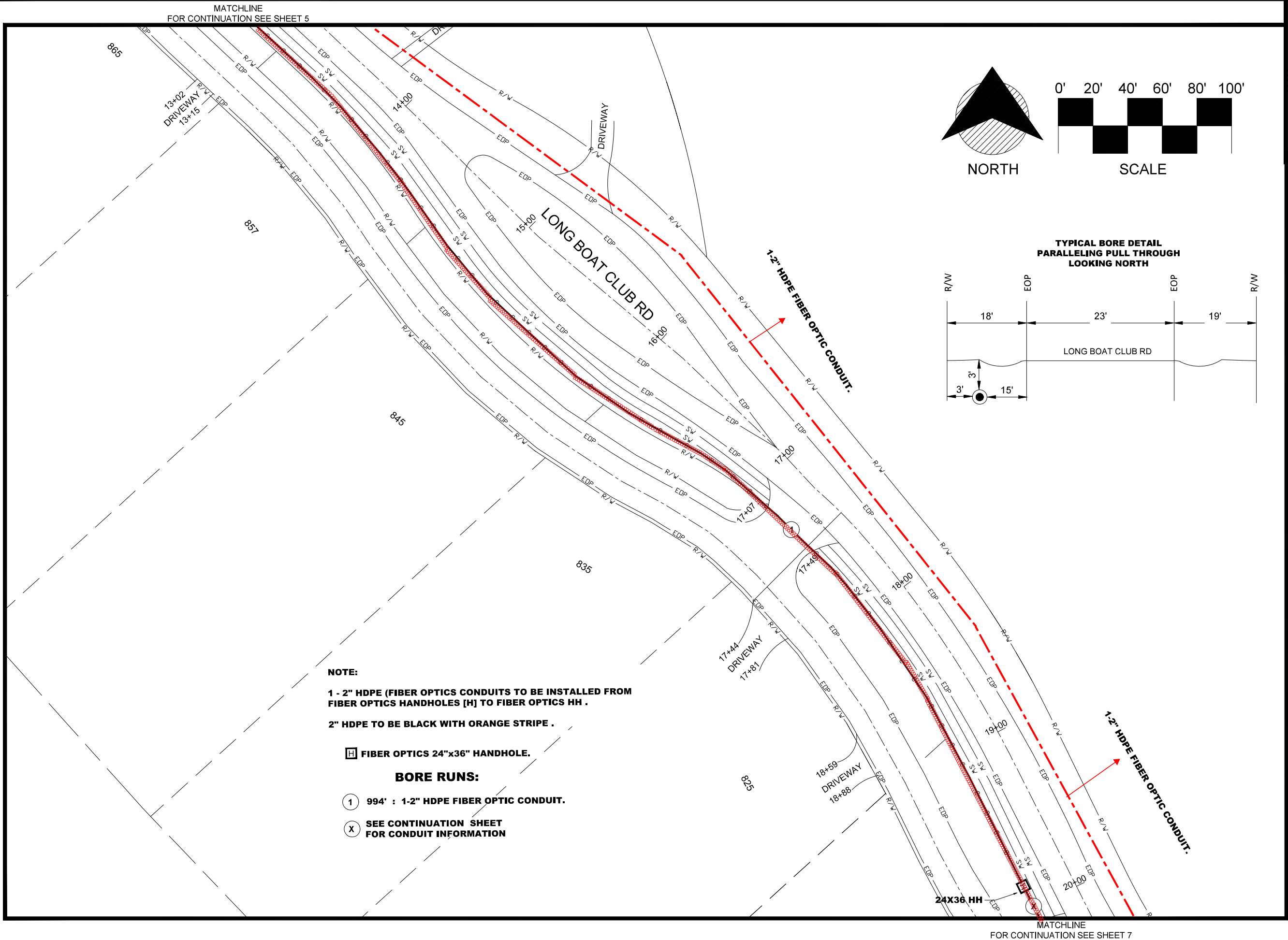
DRAWINGS FOR:  
**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION**  
**LONGBOAT KEY, FLORIDA**



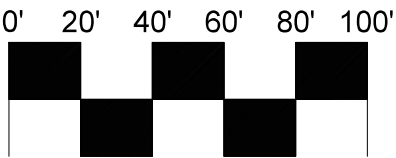
|          |            |
|----------|------------|
| Date:    | 12/01/2019 |
| Scale:   | AS NOTED   |
| Drawn:   | DPB        |
| Checked: | DPB        |
| Job #    | 2014-LBK   |
| Sheet    |            |

L5 OF 12

MATCHLINE  
FOR CONTINUATION SEE SHEET 6

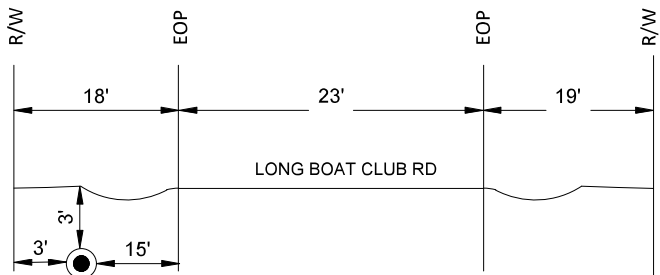


NORTH



SCALE

TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH



NOTE:

- 1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .
- 2" HDPE TO BE BLACK WITH ORANGE STRIPE .

[H] FIBER OPTICS 24"x36" HANDHOLE.

BORE RUNS:

- 1 994' : 1-2" HDPE FIBER OPTIC CONDUIT.
- X SEE CONTINUATION SHEET FOR CONDUIT INFORMATION

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Digitally signed by  
Danny P Brannon  
Date: 2020.02.19  
15:06:14 -0500  
150614-0500  
These drawings are prepared by the engineer and are not to be used for construction without the original signature and raised seal of the engineer.

Brannon & Gillespie, LLC  
Consulting Engineers  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

DRAWINGS FOR:  
FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION  
LONGBOAT KEY, FLORIDA



Date: 12/01/2019  
Scale: AS NOTED  
Drawn: DPB  
Checked: DPB  
Job # 2014-LBK  
Sheet

MATCHLINE  
FOR CONTINUATION SEE SHEET 6

809

20+09

20+27

20+67

20+88

801

21+00

22+00

23+00

24+00

25+00

26+00

27+00

28+00

29+00

30+00

31+00

32+00

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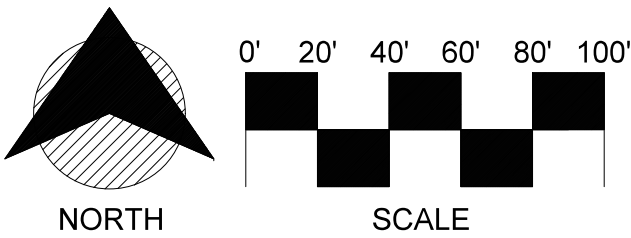
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316+00

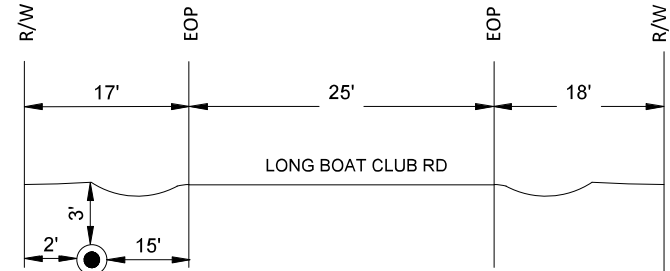
317+00

318+00

MATCHLINE  
FOR CONTINUATION SEE SHEET 7



TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH



14'15" TYPICAL BORE

NOTE:

- 1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .
- 2" HDPE TO BE BLACK WITH ORANGE STRIPE .

[H] FIBER OPTICS 24"x36" HANDHOLE.

BORE RUNS:

- ① 1020' : 1-2" HDPE FIBER OPTIC CONDUIT.
- ⓧ SEE CONTINUATION SHEET FOR CONDUIT INFORMATION

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Digitally signed by  
Danny P Brannon  
Date: 2020.02.19  
15:06:14 -05'00'  
I, THESE DRAWINGS ARE FINAL  
DANNY P BRANNON  
REGISTERED PROFESSIONAL ENGINEER  
FOR THE STATE OF FLORIDA  
CONSTRUCTION ESTIMATES. THEY  
SHALL NOT BE USED FOR  
CONSTRUCTION

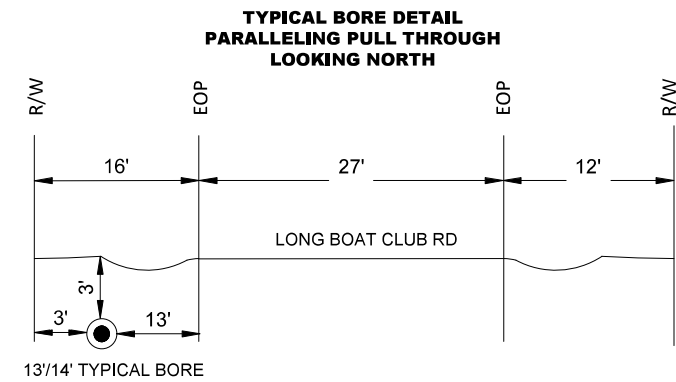
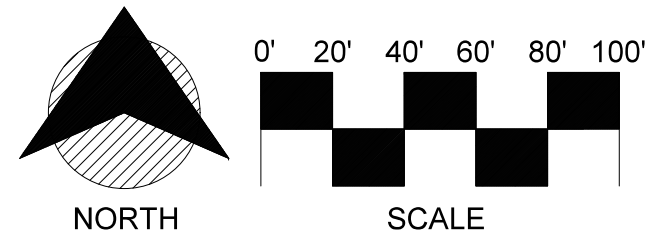
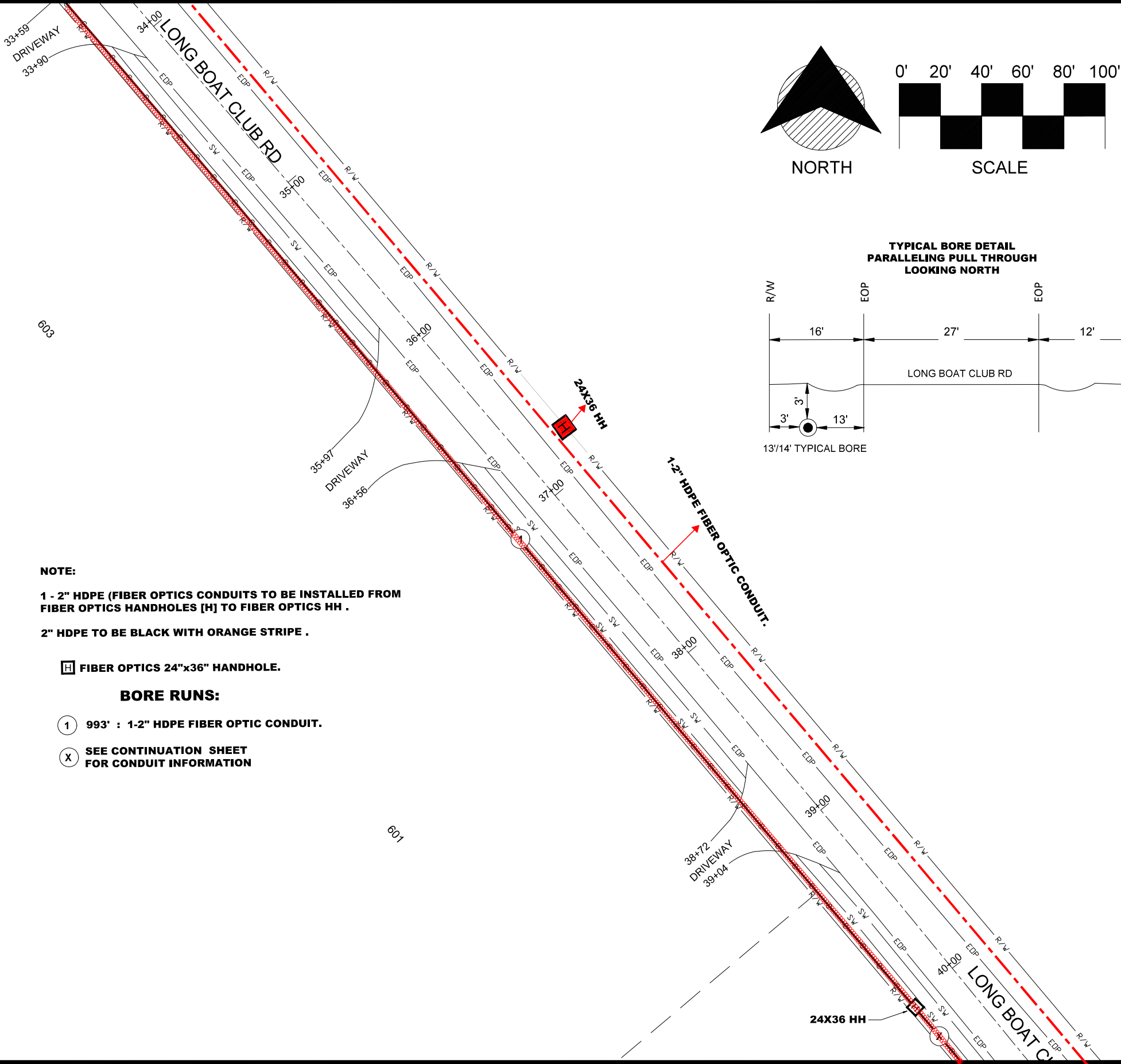
Brannon & Gillespie, LLC  
Consulting Engineers  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

DRAWINGS FOR:  
FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION  
LONGBOAT KEY, FLORIDA



Date: 12/01/2019  
Scale: AS NOTED  
Drawn: DPB  
Checked: DPB  
Job # 2014-LBK  
Sheet  
L8 OF 12

MATCHLINE  
FOR CONTINUATION SEE SHEET 8



**NOTE:**

**1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .**

**2" HDPE TO BE BLACK WITH ORANGE STRIPE .**

**[H] FIBER OPTICS 24"x36" HANDHOLE.**

**BORE RUNS:**

- 1 993' : 1-2" HDPE FIBER OPTIC CONDUIT.**
- X SEE CONTINUATION SHEET FOR CONDUIT INFORMATION**

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15:08:14 -05'00'  
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**Brannon & Gillespie, LLC**  
Consulting Engineers  
631 US Highway 1, Suite 301  
North Palm Beach, Florida 33408  
(561) 847-4435 CA# 6784

DRAWINGS FOR:  
**FIBER OPTIC AND STREET LIGHTING UTILITY CONSTRUCTION**  
LONGBOAT KEY, FLORIDA

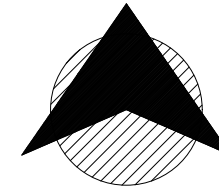
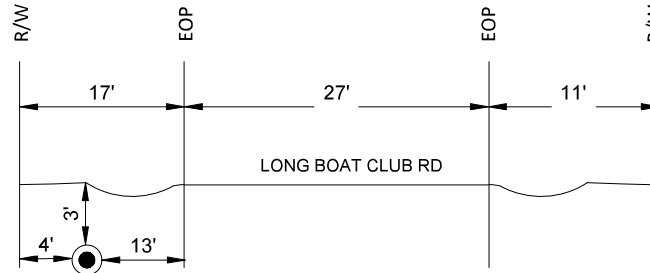


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Job # 2014-LBK

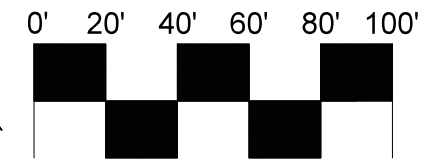
Sheet  
**L9 OF 12**

MATCHLINE  
FOR CONTINUATION SEE SHEET 9

TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH



NORTH



SCALE

1-2" HDPE FIBER OPTIC CONDUIT.

24X36 HH

LONG BOAT CLUB RD

SANCTUARY DR

NOTE:

1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM  
FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .

2" HDPE TO BE BLACK WITH ORANGE STRIPE .

[H] FIBER OPTICS 24"x36" HANDHOLE.

BORE RUNS:

① 1068' : 1-2" HDPE FIBER OPTIC CONDUIT.

ⓧ SEE CONTINUATION SHEET  
FOR CONDUIT INFORMATION

These drawings are the property of Brannon & Gillespie, LLC. They are not to be used for any other project without the written consent of Brannon & Gillespie, LLC. The original signature and raised seal of the engineer must be submitted with the drawings. The drawings are not to be used for any other project without the written consent of Brannon & Gillespie, LLC. The original signature and raised seal of the engineer must be submitted with the drawings.

Digitally signed by  
Danny P Brannon  
Date: 2020.02.19  
15:08:14 -0500  
I THESE DRAWINGS ARE THE PROPERTY OF  
BRANNON & GILLESPIE, LLC  
FOR THE TOWN OF LONGBOAT KEY  
CONSTRUCTION ESTIMATES. THEY  
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**Town of Longboat Key**

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**FIBER OPTIC AND STREET  
LIGHTING UTILITY  
CONSTRUCTION**  
LONGBOAT KEY, FLORIDA



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Sheet

L10 OF 12

**TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH**

| R/W               | EOP | EOP | R/W |
|-------------------|-----|-----|-----|
| 17'               | 26' | 12' |     |
| LONG BOAT CLUB RD |     |     |     |
| 4'                | 3'  | 13' |     |

**NOTE:**

- 1 - 2" HDPE (FIBER OPTICS CONDUITS TO BE INSTALLED FROM FIBER OPTICS HANDHOLES [H] TO FIBER OPTICS HH .
- 2" HDPE TO BE BLACK WITH ORANGE STRIPE .

[H] FIBER OPTICS 24"x36" HANDHOLE.

**BORE RUNS:**

(X) SEE CONTINUATION SHEET FOR CONDUIT INFORMATION



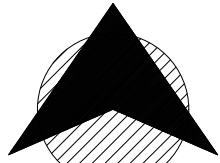
Plan view of the proposed intersection. The diagram shows the intersection of a road with a right-of-way (R/W) line and an existing proposed (EOP) line. The proposed road is 17' wide from the R/W line to the EOP line. The existing road is 26' wide from the EOP line to the next EOP line. The proposed road is 12' wide from the next EOP line to the right. The proposed road is labeled "LONG BOAT CLUB RD". The intersection is marked with a circle and a dot, indicating a roundabout. The dimensions are: 17' (R/W to EOP), 26' (EOP to EOP), 12' (EOP to right), 3' (vertical offset), 4' (horizontal offset), and 13' (horizontal offset).

**(X) SEE CONTINUATION SHEET  
FOR CONDUIT INFORMATION**

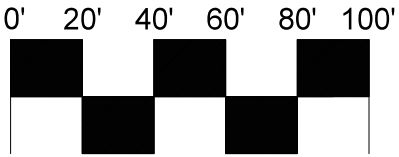
MATCHLINE  
FOR CONTINUATION SEE SHEET 12

Sheet  
L11 OF 12

MATCHLINE  
FOR CONTINUATION SEE SHEET 11

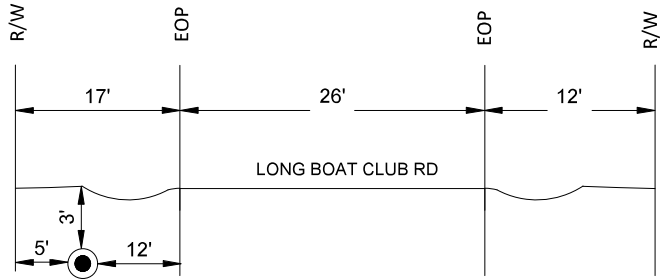


NORTH



SCALE

**TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH**



12'/17' TYPICAL BORE

**NOTE:**

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2" HDPE TO BE BLACK WITH ORANGE STRIPE .

[H] FIBER OPTICS 24"x36" HANDHOLE.

**BORE RUNS:**

- 1 999' : 1-2" HDPE FIBER OPTIC CONDUIT.
- X SEE CONTINUATION SHEET FOR CONDUIT INFORMATION

24X36 HH

24X36 HH

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# Town of Longboat Key

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