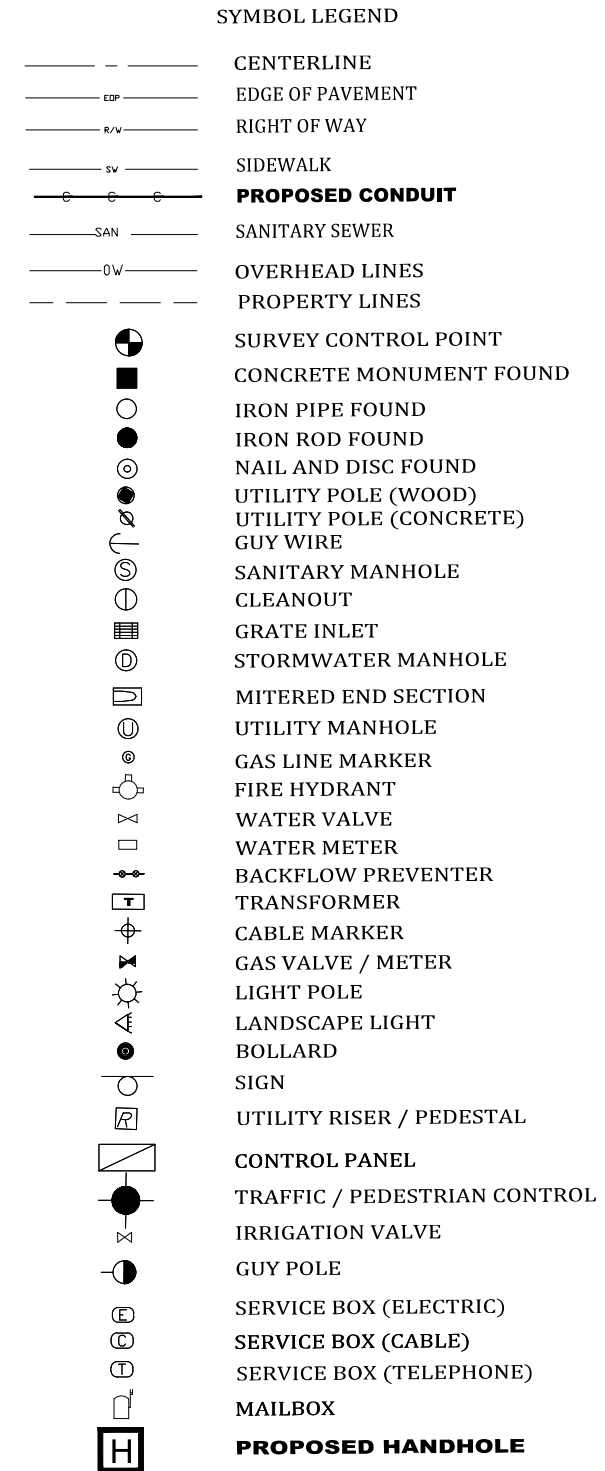




Legend	
	Description
	1 Fiber (original)
	Fiber 1-2" (added)
	Fiber 1-2" (removed)
	Fiber HH (added)
	SL (added)

These Drawings are **FORWARDED**
for your use and may be used
for any purpose without payment of
the original signature and raised
seal of the Government unless the
original signature and raised
seal are affixed. Drawings not
signed and sealed by the
competent authority are not binding
and need not be submitted to
any authority or user for any
purpose. Where the drawings are
sealed, the original signature and
seal must be affixed to the drawing.

Digitally signed by
 Danny P Brannon
 Date: 2021.05.06
 17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY
 AND ARE PROVIDED FOR
 DANNY P BRANNON, P.E.
 MONITORING PROGRESS AND FOR
 WORKING UNDER BIDDING NO. 2601
 CONSTRUCTION ESTIMATES. THEY
 SHALL NOT BE USED FOR
 CONSTRUCTION.

Town of Longboat Key

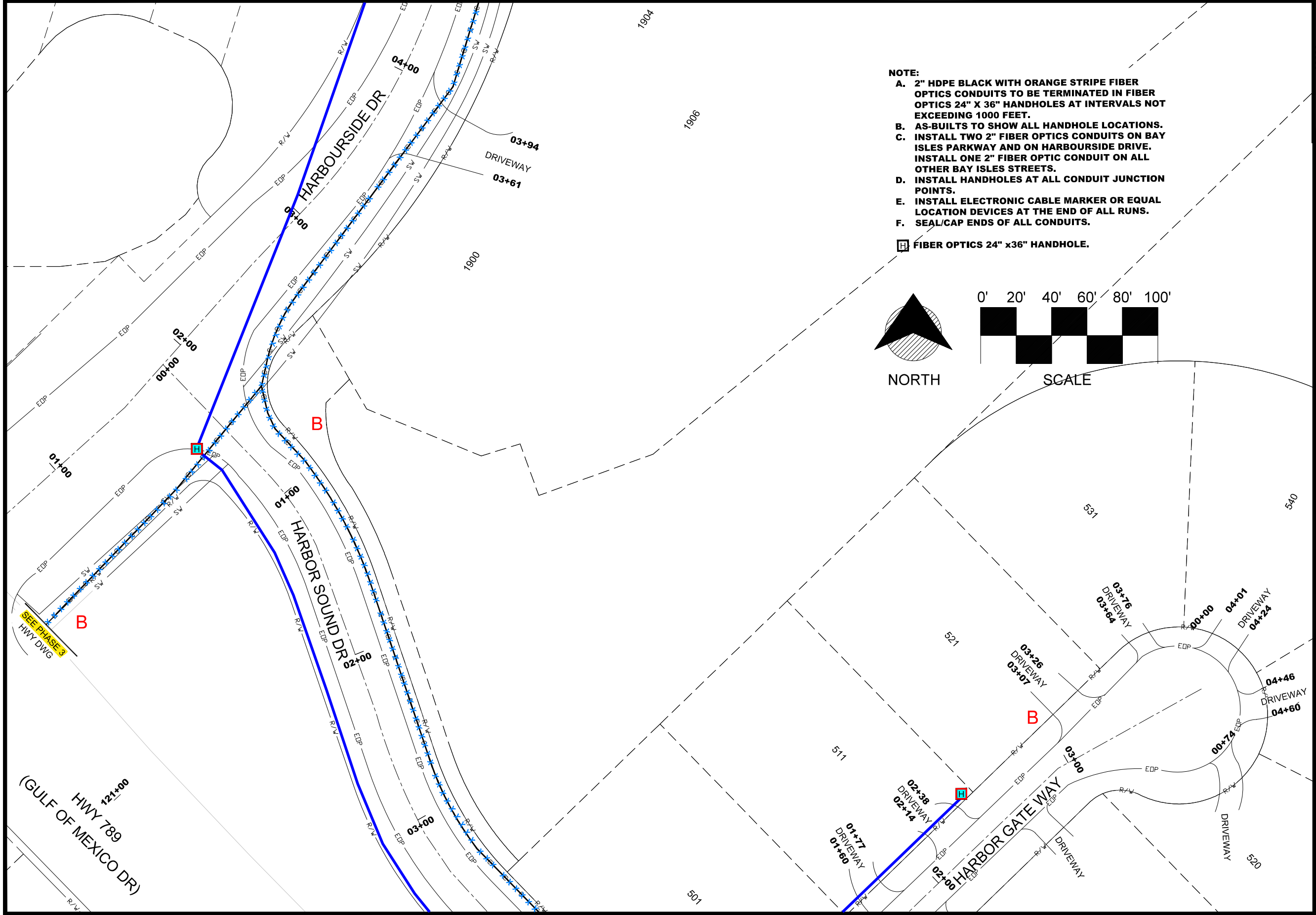
Brannon & Gillespie, LLC
Consulting Engineers
631 US Highway 1, Suite 301
North Palm Beach, Florida 33408
(561) 847-4435 CA # 6784

DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



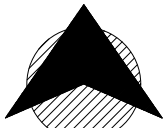
Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	BK
of	Sheets

MATCHLINE-STA 04+43
FOR CONTINUATION SEE SHEET 8

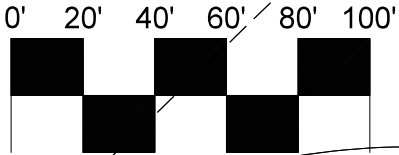


- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

MATCHLINE-STA 03+66
FOR CONTINUATION SEE SHEET 2

MATCHLINE-STA 01+75
FOR CONTINUATION SEE SHEET 2

These drawings are preliminary and are not to be used for construction without the original signature and raised seal of the engineer. If the original signature and raised seal are not present, the drawings are void. These drawings are not to be used for construction without the original signature and raised seal of the engineer. If the original signature and raised seal are not present, the drawings are void.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND NOT TO BE USED FOR
CONSTRUCTION.

Town of Longboat Key

DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 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

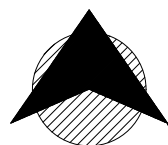
Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK
Sheet

B1

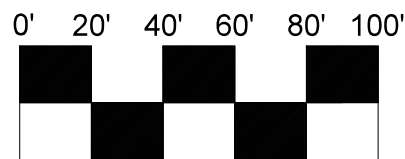
of Sheets

- NOTE:
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

MATCHLINE-STA 03+66
FOR CONTINUATION SEE SHEET 1

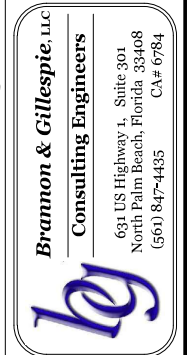
MATCHLINE-STA 01+75
FOR CONTINUATION SEE SHEET 1

MATCHLINE-STA 10+46
FOR CONTINUATION SEE SHEET 3

These drawings are preliminary and for informational purposes only. They are not to be used for construction. The original signature and seal of the engineer are required for the drawings to be used for construction. The original signature and seal of the engineer are required for the drawings to be used for construction. The original signature and seal of the engineer are required for the drawings to be used for construction.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND NOT TO BE USED FOR
CONSTRUCTION.
CONSTRUCTION ESTIMATES. THEY
MAY NOT BE USED FOR
CONSTRUCTION.

Town of Longboat Key



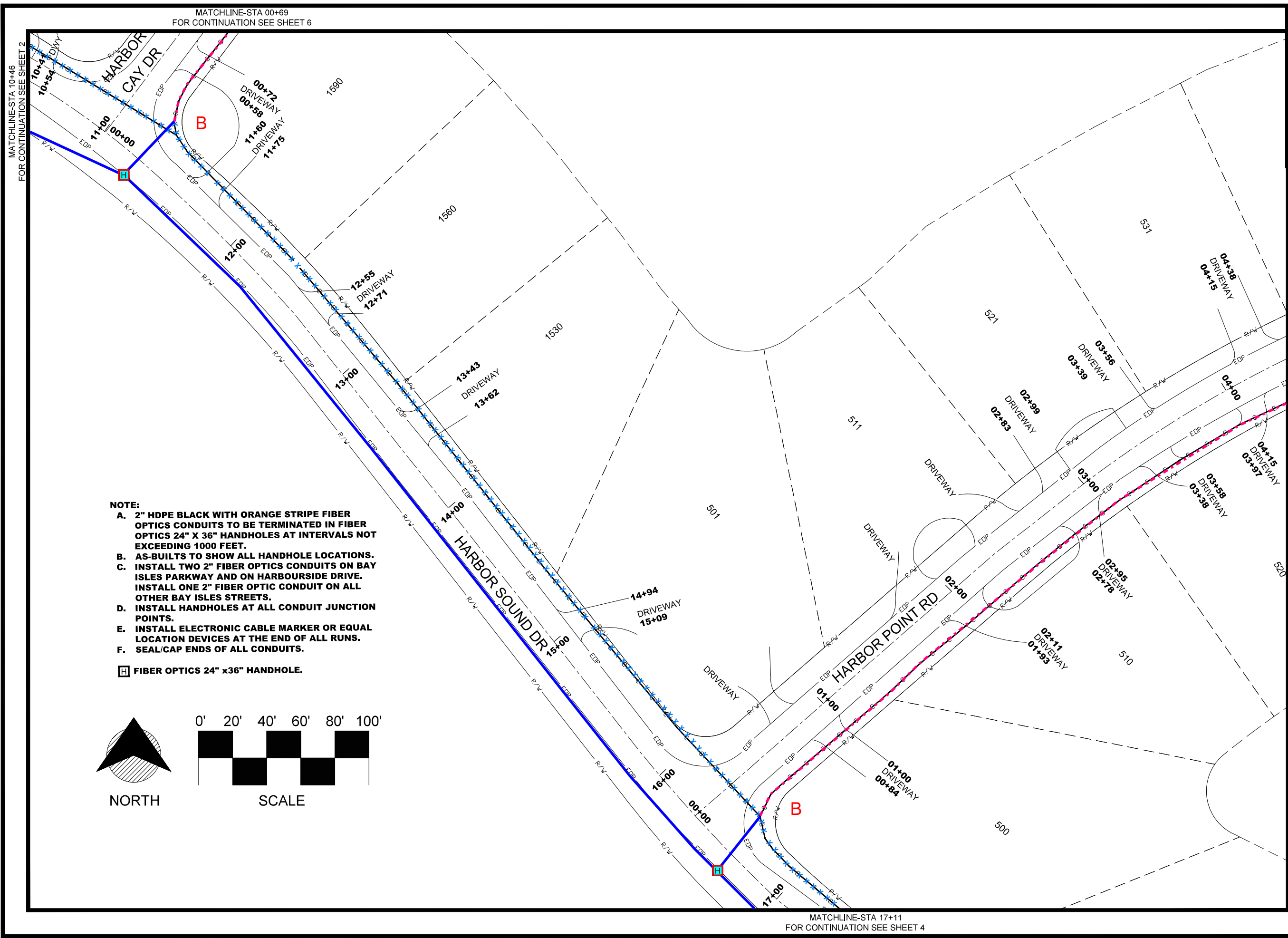
DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK

Sheet
B2

of Sheets



MATCHLINE-STA 04+40
FOR CONTINUATION SEE SHEET 5

Town of Longboat Key

DRAWINGS FOR:
**FIBER OPTIC AND STREET LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK
Sheet: **B3**
of Sheets

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY
CONSTRUCTION ESTIMATES. THEY
SHOULD 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

These drawings are preliminary
for informational purposes only.
The original signature and raised
seal of the engineer must be submitted
to any authority or used for any
purpose where signed and
sealed drawings are required.

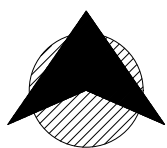
MATCHLINE-STA 17+11
FOR CONTINUATION SEE SHEET 3

MATCHLINE-STA 03+59
FOR CONTINUATION SEE SHEET 5

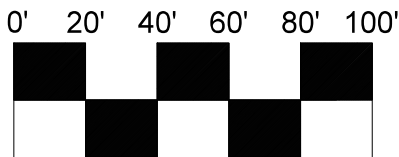
NOTE:

- 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- SEAL/CAP ENDS OF ALL CONDUITS.

 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



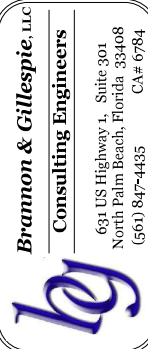
SCALE

These drawings are preliminary and are not to be used for construction. They are for informational purposes only. The original signature and raised seal of the engineer are required for any changes or additions. The original signature and raised seal are required for any changes or additions. The original signature and raised seal are required for any changes or additions.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY

FOR INFORMATIONAL PURPOSES ONLY. THEY ARE NOT TO BE USED FOR CONSTRUCTION.



DRAWINGS FOR:
FIBER OPTIC AND STREET LIGHTING UTILITY PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



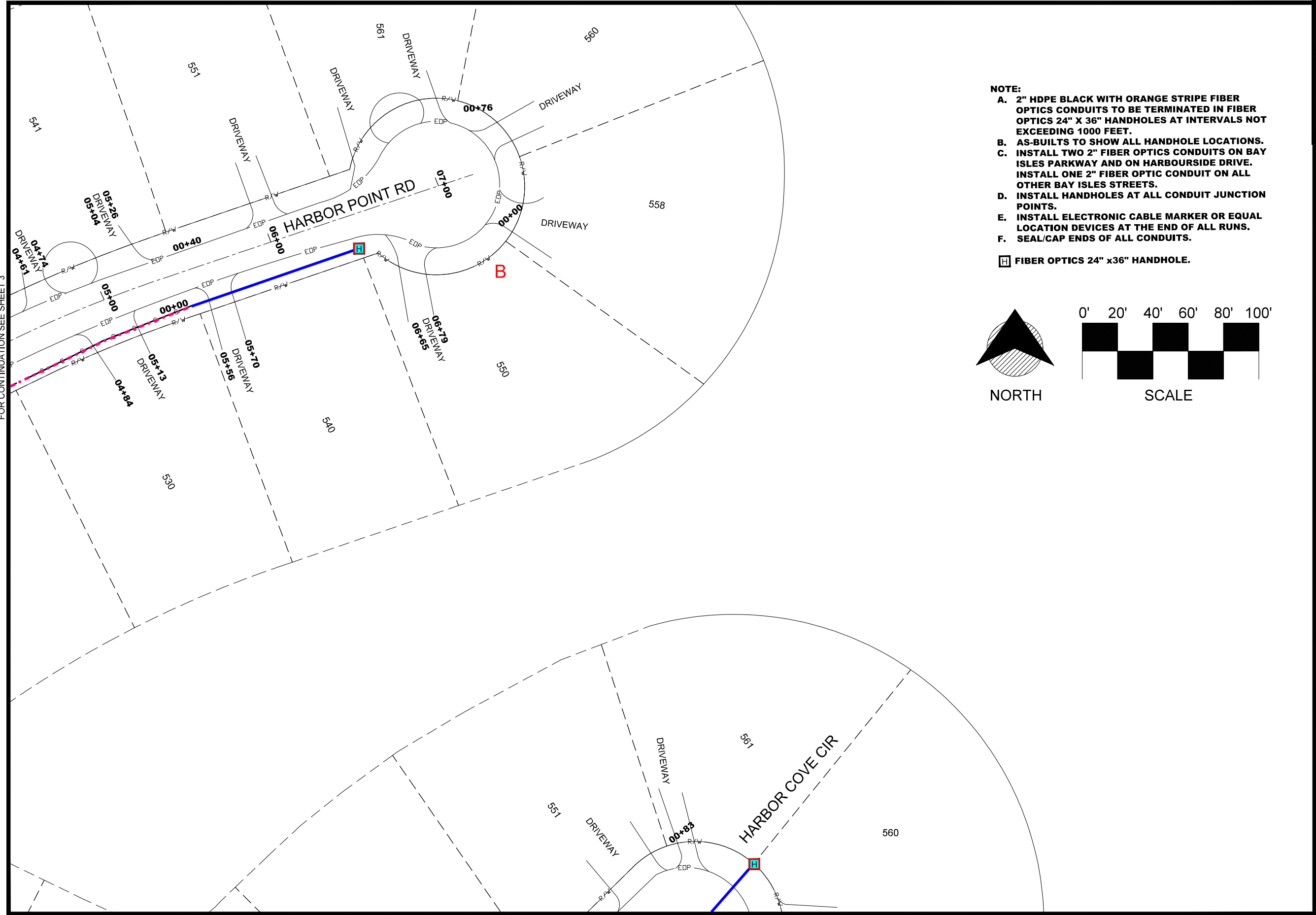
Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK

Sheet

B4

of Sheets

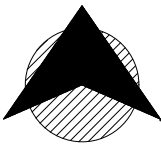
MATCHLINE-STA 04+40
FOR CONTINUATION SEE SHEET 3



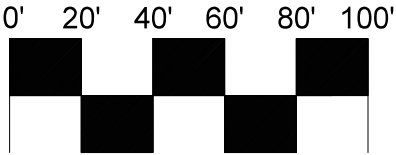
MATCHLINE-STA 03+59
FOR CONTINUATION SEE SHEET 4

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

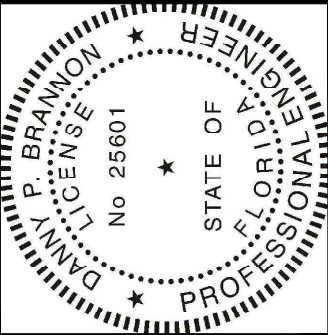
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

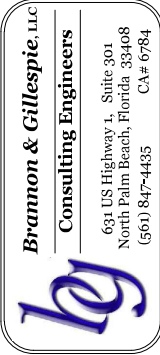


Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

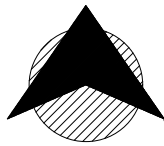
Sheet

B5

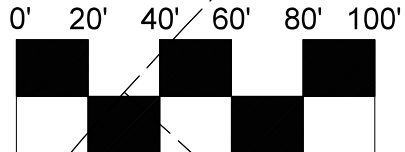
of Sheets

- NOTE:
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

MATCHLINE-STA 01+20
FOR CONTINUATION SEE SHEET 7

MATCHLINE-STA 00+69
FOR CONTINUATION SEE SHEET 3

These drawings are preliminary and for informational purposes only. They are not to be used for construction. The original signature and raised seal of the engineer must be submitted to the authority or used for any other purpose. These drawings are not to be used for construction.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND FOR INFORMATIONAL PURPOSES ONLY.
FOR CONSTRUCTION, THE ORIGINAL
SIGNATURE AND RAISED SEAL OF THE
ENGINEER MUST BE SUBMITTED TO THE
AUTHORITY OR USED FOR ANY OTHER
PURPOSE. THESE DRAWINGS ARE NOT
TO BE USED FOR CONSTRUCTION.

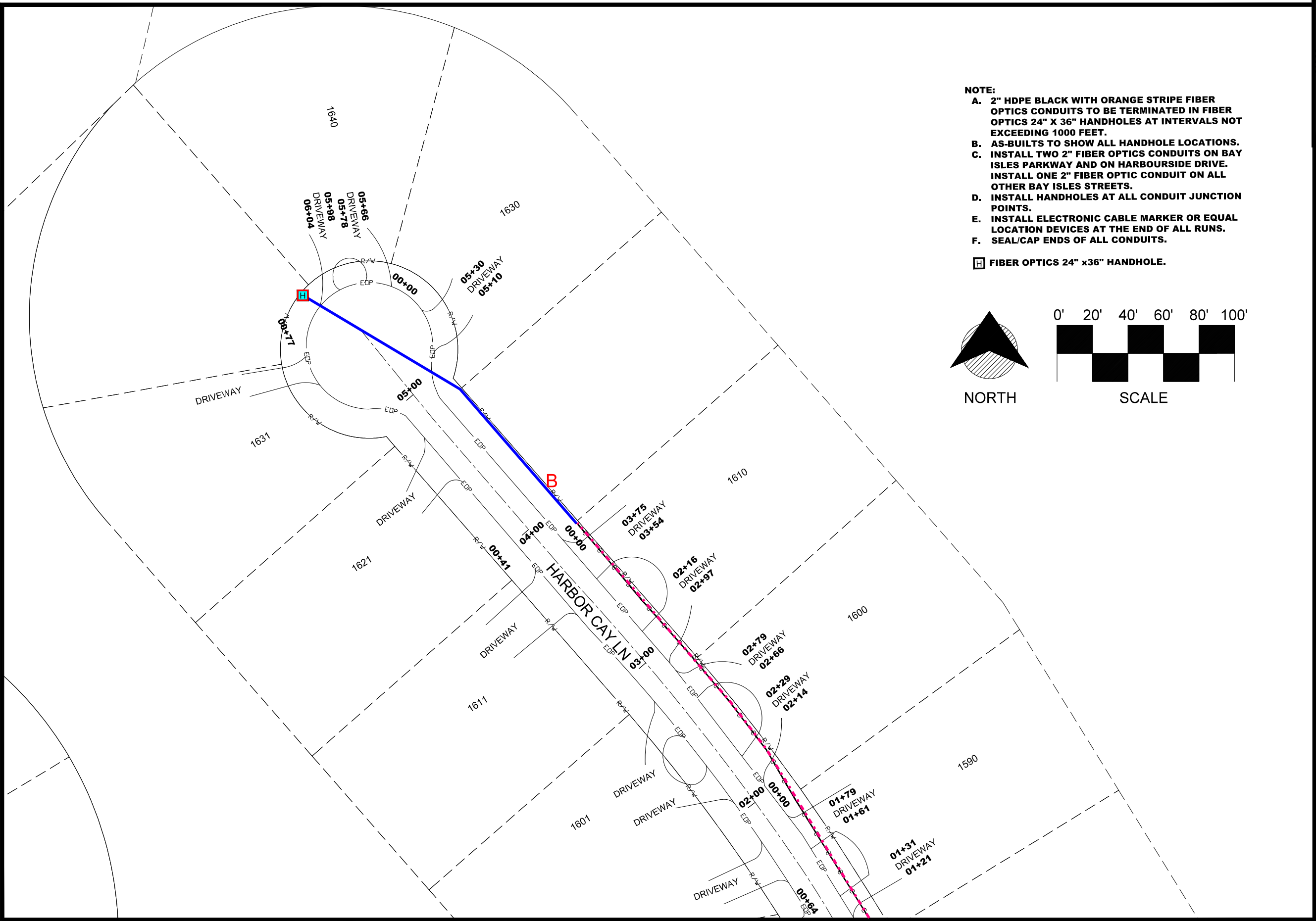
Town of Longboat Key

DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA

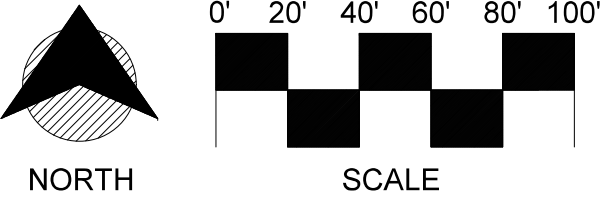


Brannon & Gillespie, LLC
Consulting Engineers
631 US Highway 1, Suite 301
North Palm Beach, Florida 33408
(561) 847-4435 CA# 6784

Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B6
of	Sheets



- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



These drawings are preliminary and are not to be used for construction. They are for informational purposes only. The original signature and raised seal of the engineer must be submitted to the authority or used for any other purpose where a raised seal is required. These drawings are preliminary and are not to be used for construction. They are for informational purposes only. The original signature and raised seal of the engineer must be submitted to the authority or used for any other purpose where a raised seal is required.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND ARE NOT TO BE USED FOR
CONSTRUCTION.
CONSTRUCTION ESTIMATES. THEY
MAY BE USED FOR
CONSTRUCTION.

Town of Longboat Key

DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 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

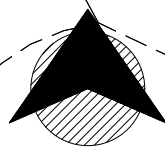
Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B7
of	Sheets

MATCHLINE-STA 10+03
FOR CONTINUATION SEE SHEET 9

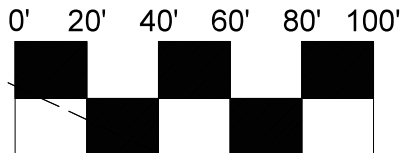
NOTE:

- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
F. SEAL/CAP ENDS OF ALL CONDUITS.

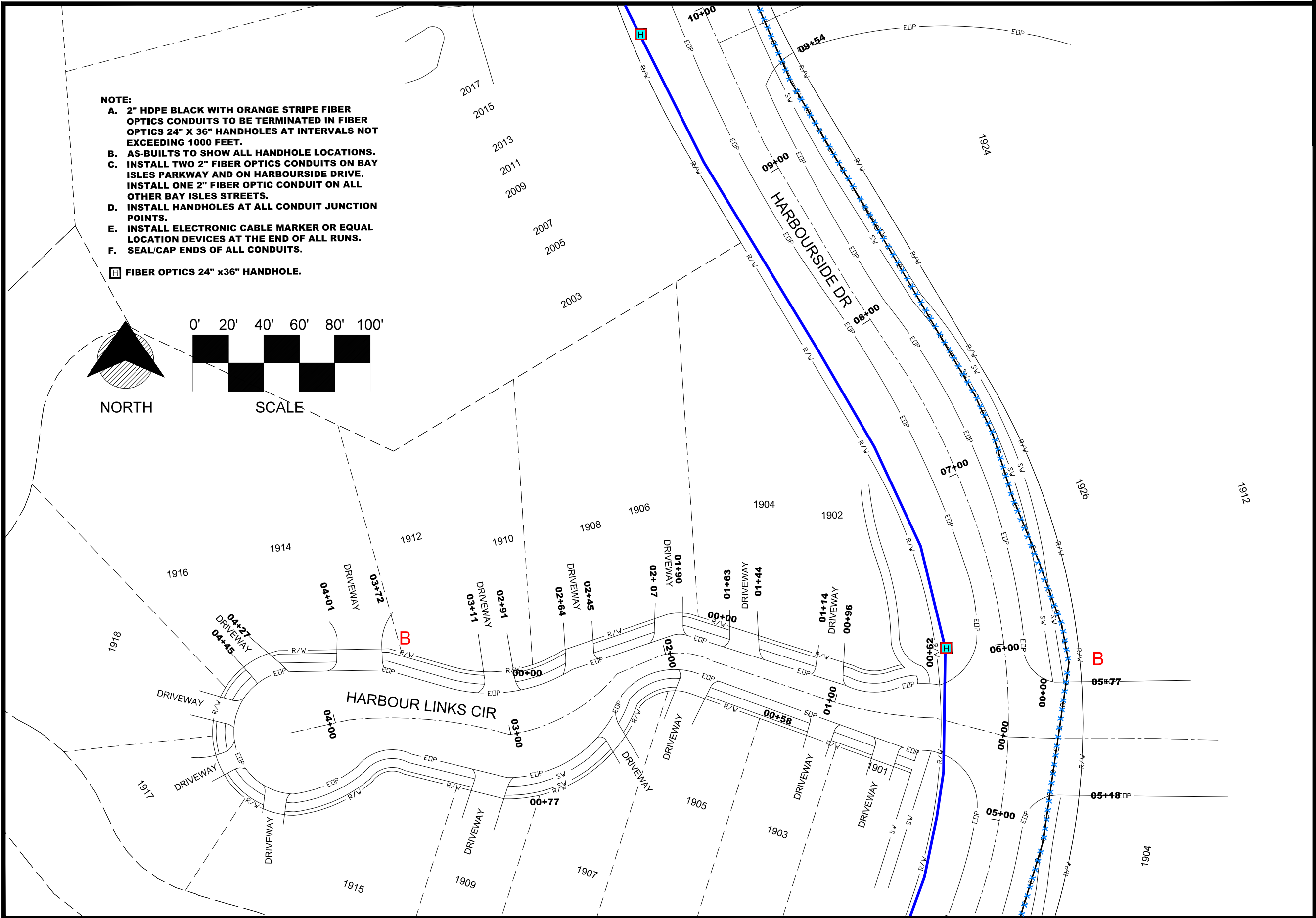
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE



MATCHLINE-STA 04+43
FOR CONTINUATION SEE SHEET 1

These drawings are preliminary and for informational purposes only. They are not to be used for construction. The original signature and seal of the engineer shall be submitted to the authority or used for any other purpose where signed and sealed drawings are required.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND NOT TO BE USED FOR
CONSTRUCTION.
CONSTRUCTION ESTIMATES. THEY
DO NOT BE USED FOR
CONSTRUCTION.

Town of Longboat Key

DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

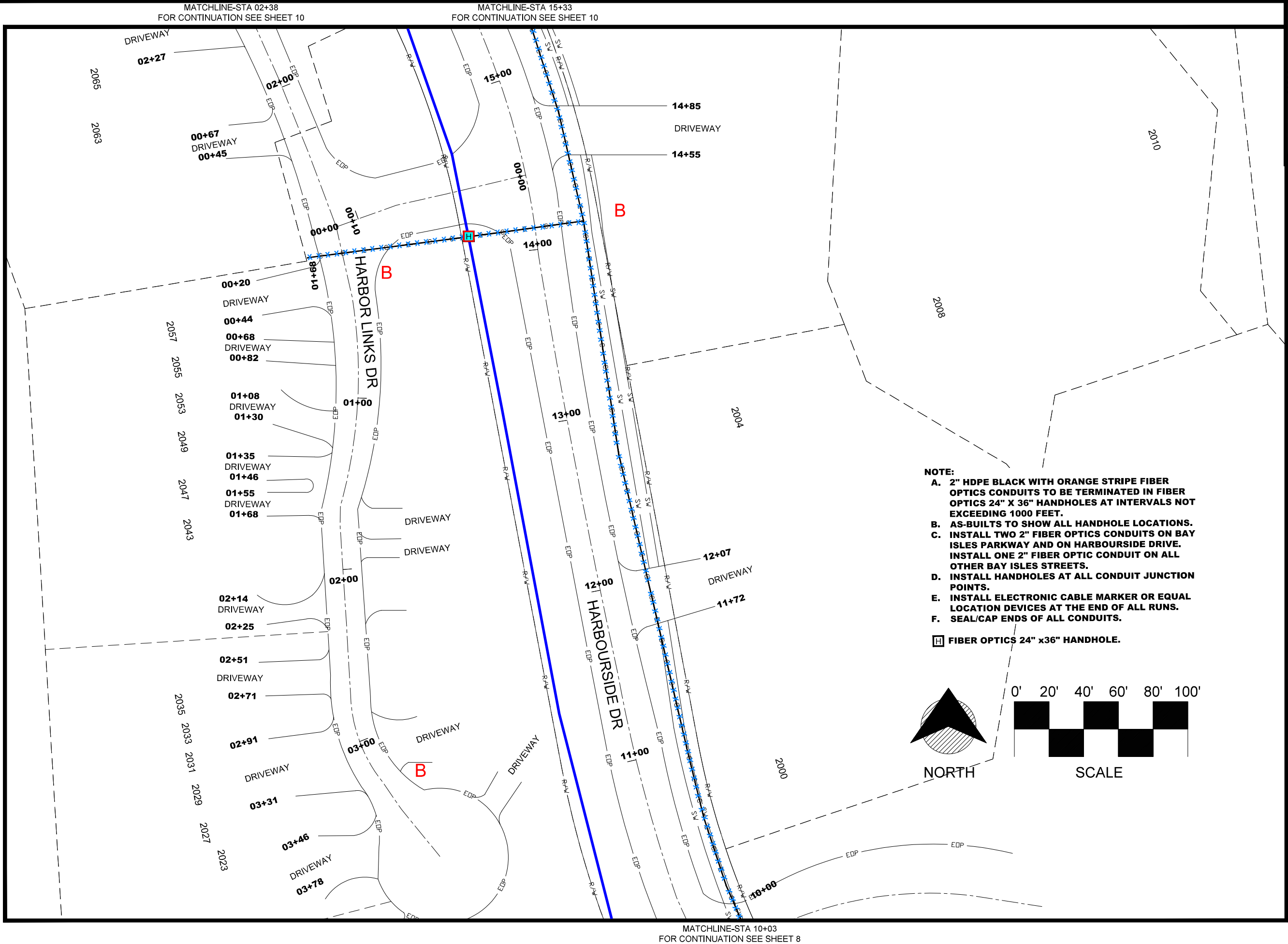


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK
Sheet

B8

of Sheets

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



These drawings are preliminary and for informational purposes only. They are not to be used for construction without the original signature and raised seal of the engineer. The original signature and raised seal are required for the drawings to be used for construction. The drawings are not to be used for construction without the original signature and raised seal of the engineer.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY
AND FOR INFORMATIONAL PURPOSES ONLY.
THEY ARE NOT TO BE USED FOR
CONSTRUCTION.

Town of Longboat Key

DRAWINGS FOR:

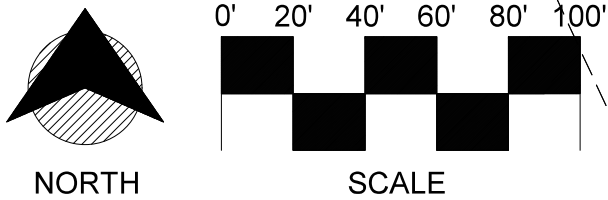
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA

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

Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B9
of	Sheets

MATCHLINE-STA 22+33
FOR CONTINUATION SEE SHEET 11

- NOTE:
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



MATCHLINE-STA 02+38
FOR CONTINUATION SEE SHEET 9

MATCHLINE-STA 15+33
FOR CONTINUATION SEE SHEET 9

These drawings are preliminary and for informational purposes only. They are not to be used for construction without the original signature and seal of the engineer. The original signature and seal of the engineer shall be submitted to the authority or used for any purpose where signed and sealed drawings are required.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
AND NOT TO BE USED FOR
CONSTRUCTION.

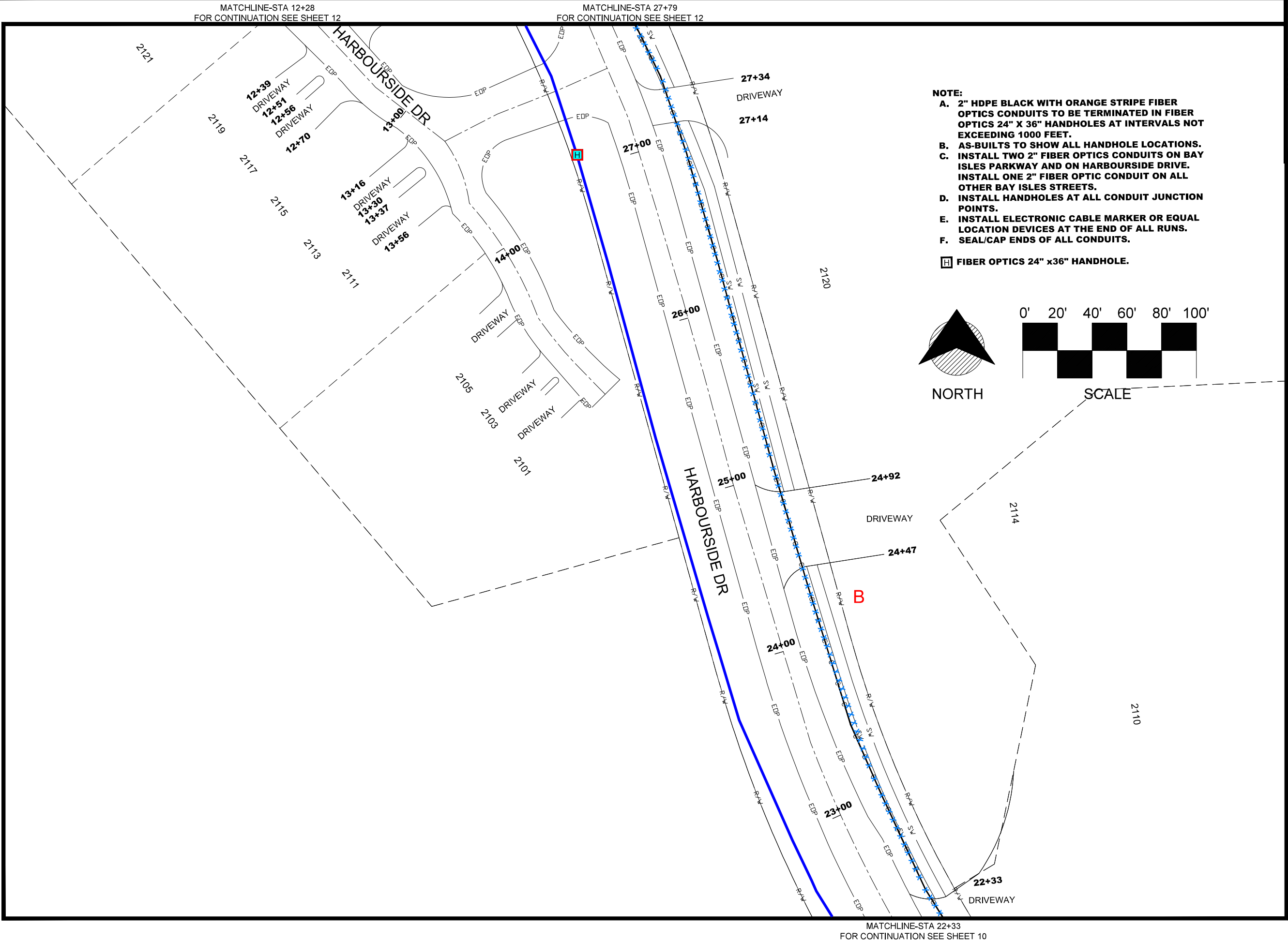
Town of Longboat Key

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
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK
Sheet **B10**
of Sheets



These drawings are preliminary and for informational purposes only. They are not to be used for construction without the original signature and raised seal of the engineer. The original signature and raised seal are affixed to the drawings and are not to be removed or altered. The drawings are not to be used for construction without the original signature and raised seal of the engineer.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY
AND NOT TO BE USED FOR
CONSTRUCTION.

DANNY P BRANNON
REGISTERED PROFESSIONAL ENGINEER
NO. 12560
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

CONSTRUCTION ESTIMATES. THEY
SHALL NOT BE USED FOR
CONSTRUCTION.

Town of Longboat Key

DRAWINGS FOR:

FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA

Brannon & Gillespie, LLC
Consulting Engineers

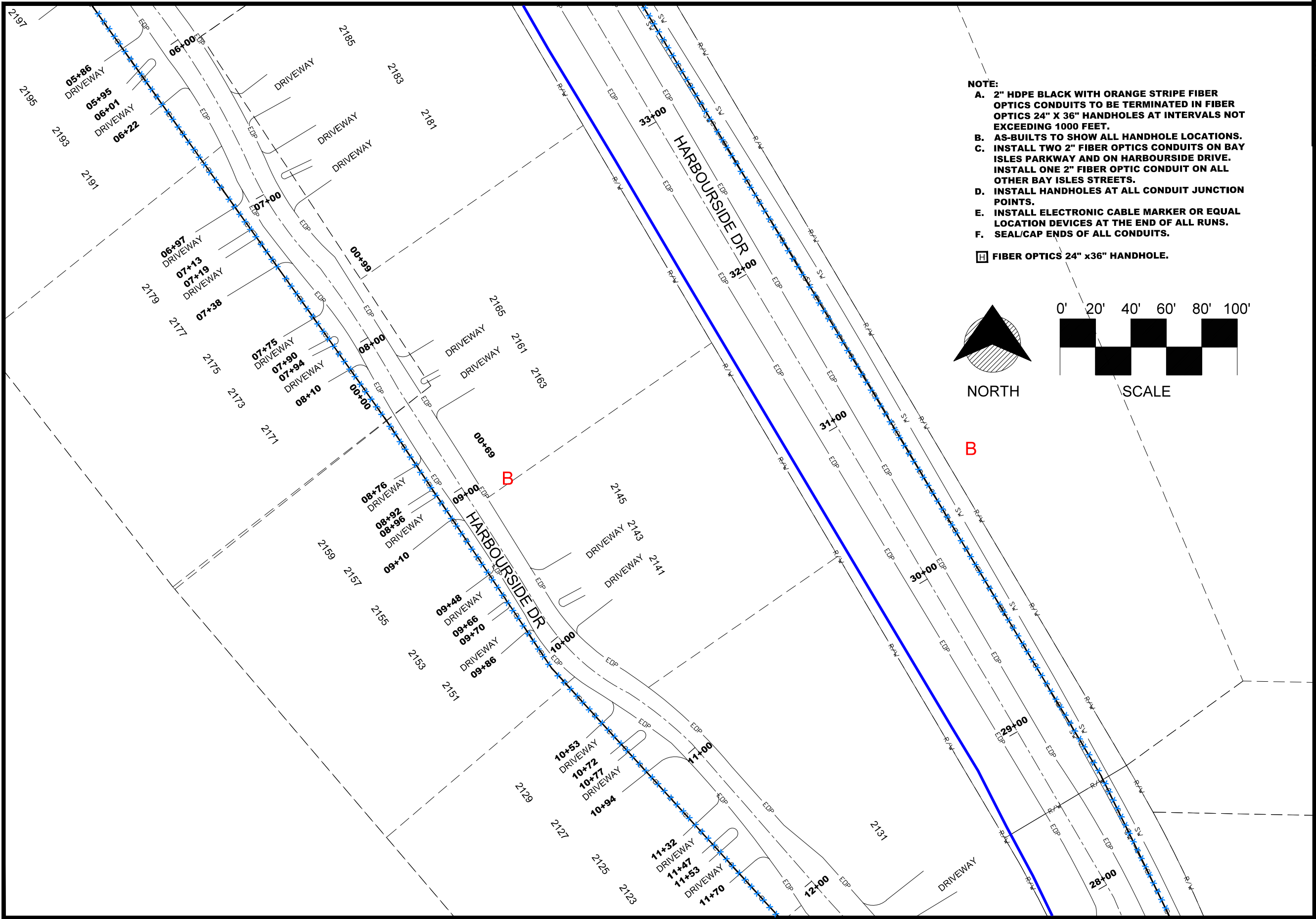
631 US Highway 1, Suite 301
North Palm Beach, Florida 33408
(561) 847-4435 CA# 6784

Longboat Key, Florida
INCORPORATED 1925

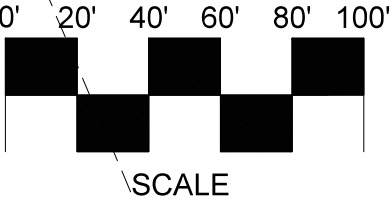
Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B11
of	Sheets

MATCHLINE-STA 06+25
FOR CONTINUATION SEE SHEET 13

MATCHLINE-STA 33+77
FOR CONTINUATION SEE SHEET 13



- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.**
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.**
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.**
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.**
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.**
 - F. SEAL/CAP ENDS OF ALL CONDUITS.**
- [H] FIBER OPTICS 24" x36" HANDHOLE.**



These drawings are prepared by the Town of Longboat Key for the purpose of providing information to the public. They are not to be used for any other purpose without the written consent of the Town of Longboat Key. The original signature and seal of the engineer are required for the drawings to be valid. The original signature and seal of the engineer are required for the drawings to be valid. The original signature and seal of the engineer are required for the drawings to be valid.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'
THESE DRAWINGS ARE PRELIMINARY
FOR CONSTRUCTION ONLY
AND NOT TO BE USED FOR
CONSTRUCTION ESTIMATES. THEY
DO NOT REPRESENT THE
FINAL DESIGN.

Town of Longboat Key

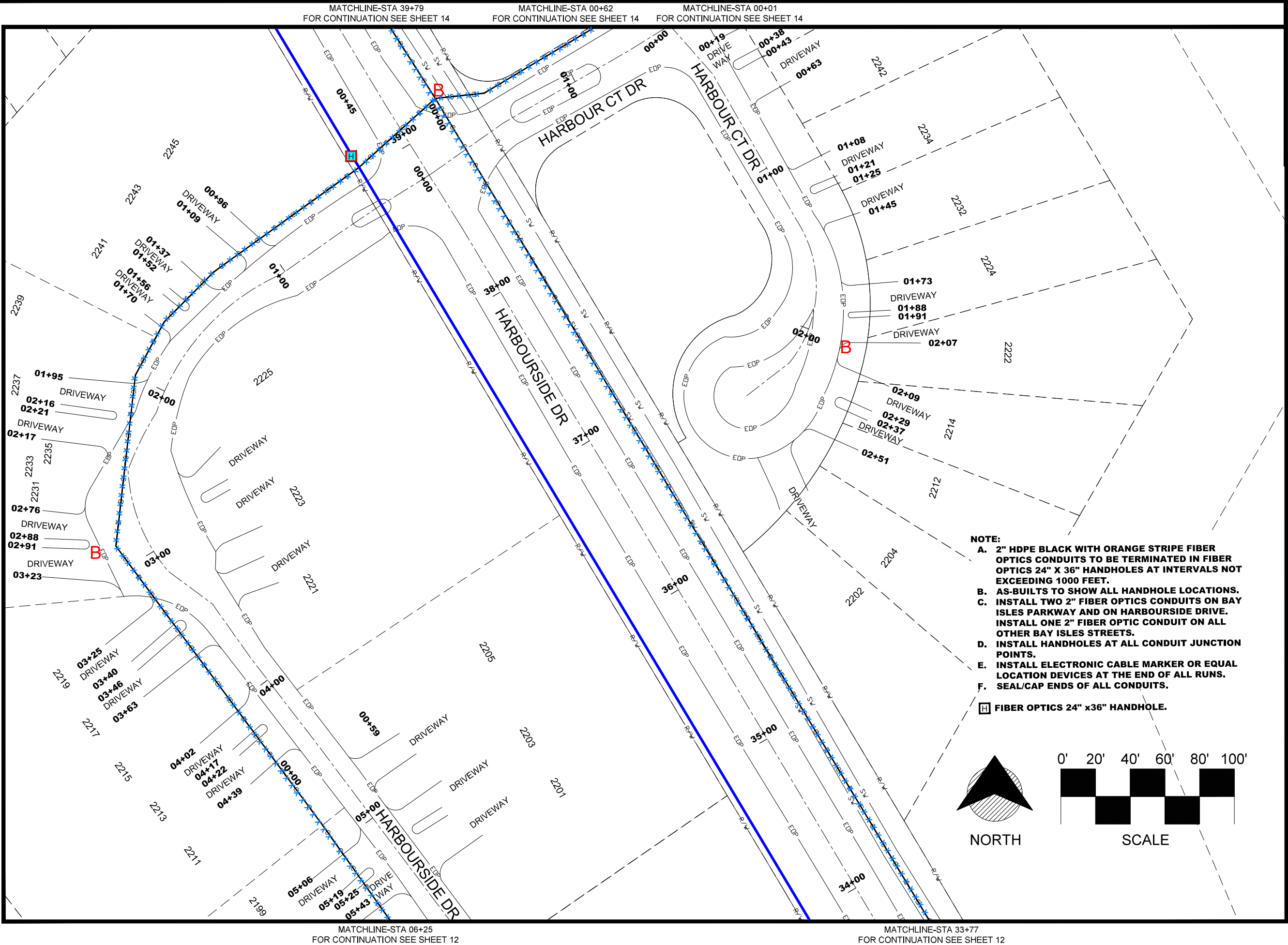
BRANNON & GILLESPIE, LLC
Consulting Engineers
631 US Highway 1, Suite 301
North Palm Beach, Florida 33408
(561) 847-4435 CA# 6784

DRAWINGS FOR:

**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**

LONGBOAT KEY, FLORIDA

Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B12
of	Sheets



These drawings are preliminary and for informational purposes only. They are not to be used for construction. The original signature and raised seal of the engineer must be submitted to any authority or used for any purpose where a signed and sealed drawing is required. These drawings are preliminary and for informational purposes only. They are not to be used for construction. The original signature and raised seal of the engineer must be submitted to any authority or used for any purpose where a signed and sealed drawing is required.

Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

THESE DRAWINGS ARE PRELIMINARY
AND FOR INFORMATIONAL PURPOSES ONLY.
THEY ARE NOT TO BE USED FOR
CONSTRUCTION.

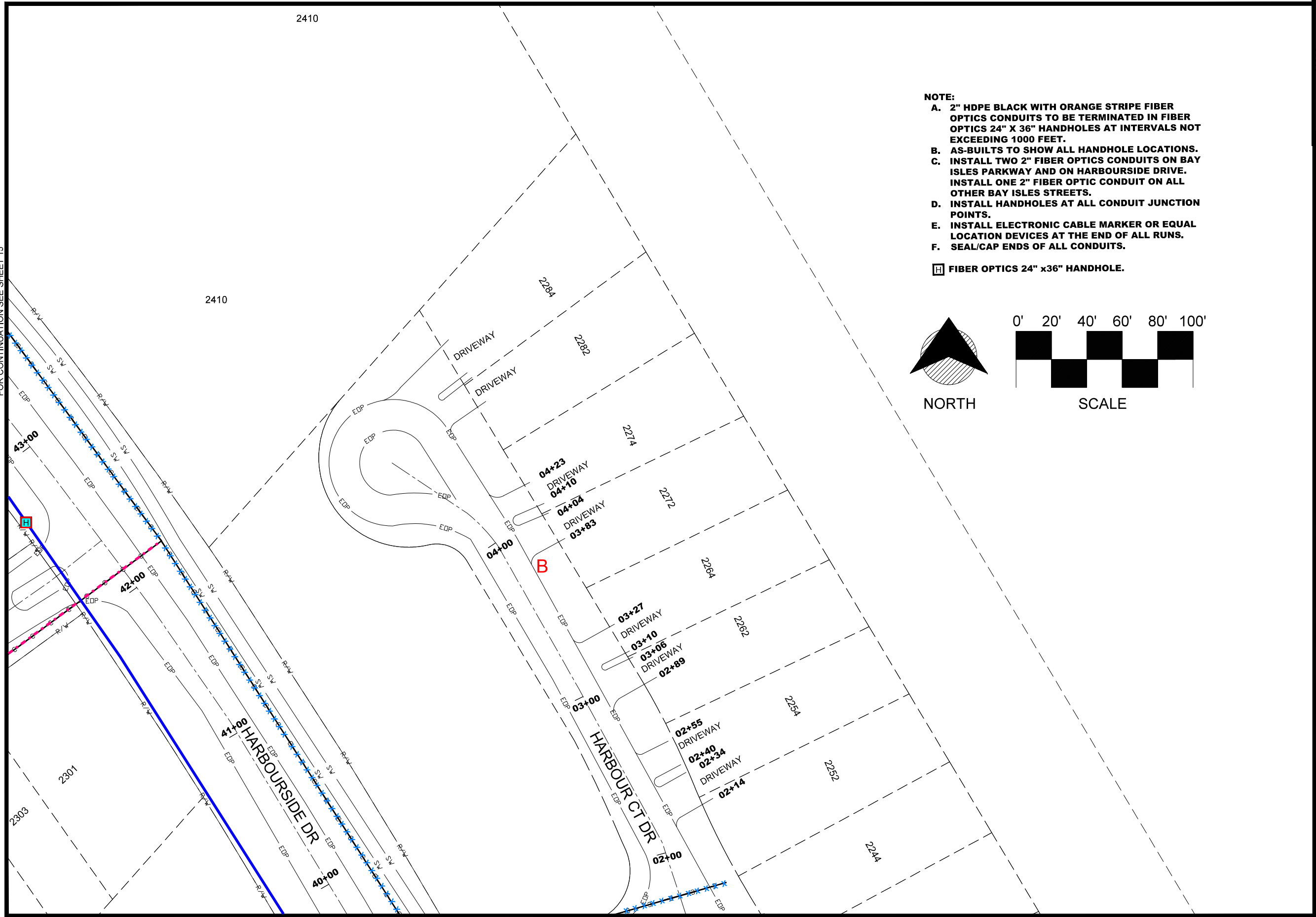
Town of Longboat Key

DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 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:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B13
of	Sheets

MATCHLINE-STA 43+21
FOR CONTINUATION SEE SHEET 15



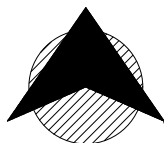
2410

2410

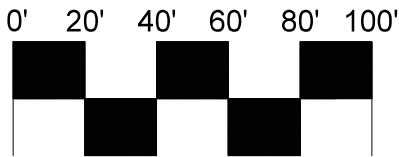
NOTE:

- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- F. SEAL/CAP ENDS OF ALL CONDUITS.

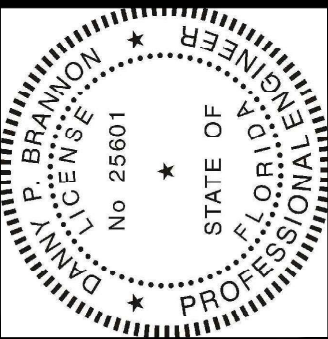
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

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
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020

Scale: AS NOTED

Drawn: DPB

Checked: DPB

Job # 2014-LBK

Sheet

B14

of Sheets

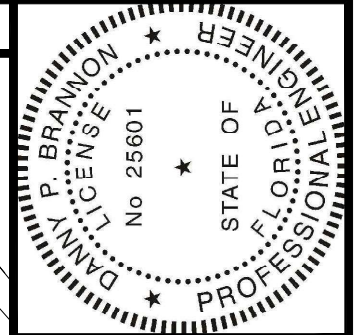
MATCHLINE-STA 39+79
FOR CONTINUATION SEE SHEET 13

MATCHLINE-STA 00+62
FOR CONTINUATION SEE SHEET 13

MATCHLINE-STA 00+01
FOR CONTINUATION SEE SHEET 13

MATCHLINE-STA 03+48
FOR CONTINUATION SEE SHEET 16

MATCHLINE-STA 45+08
FOR CONTINUATION SEE SHEET 16



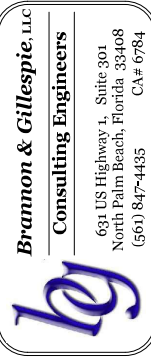
MATCHLINE-STA 43+21
FOR CONTINUATION SEE SHEET 14

Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



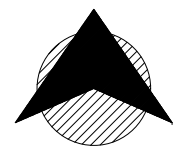
Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK

Sheet
B15

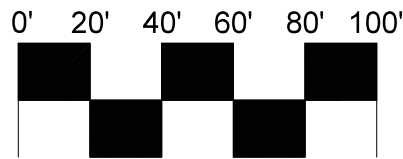
of Sheets

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

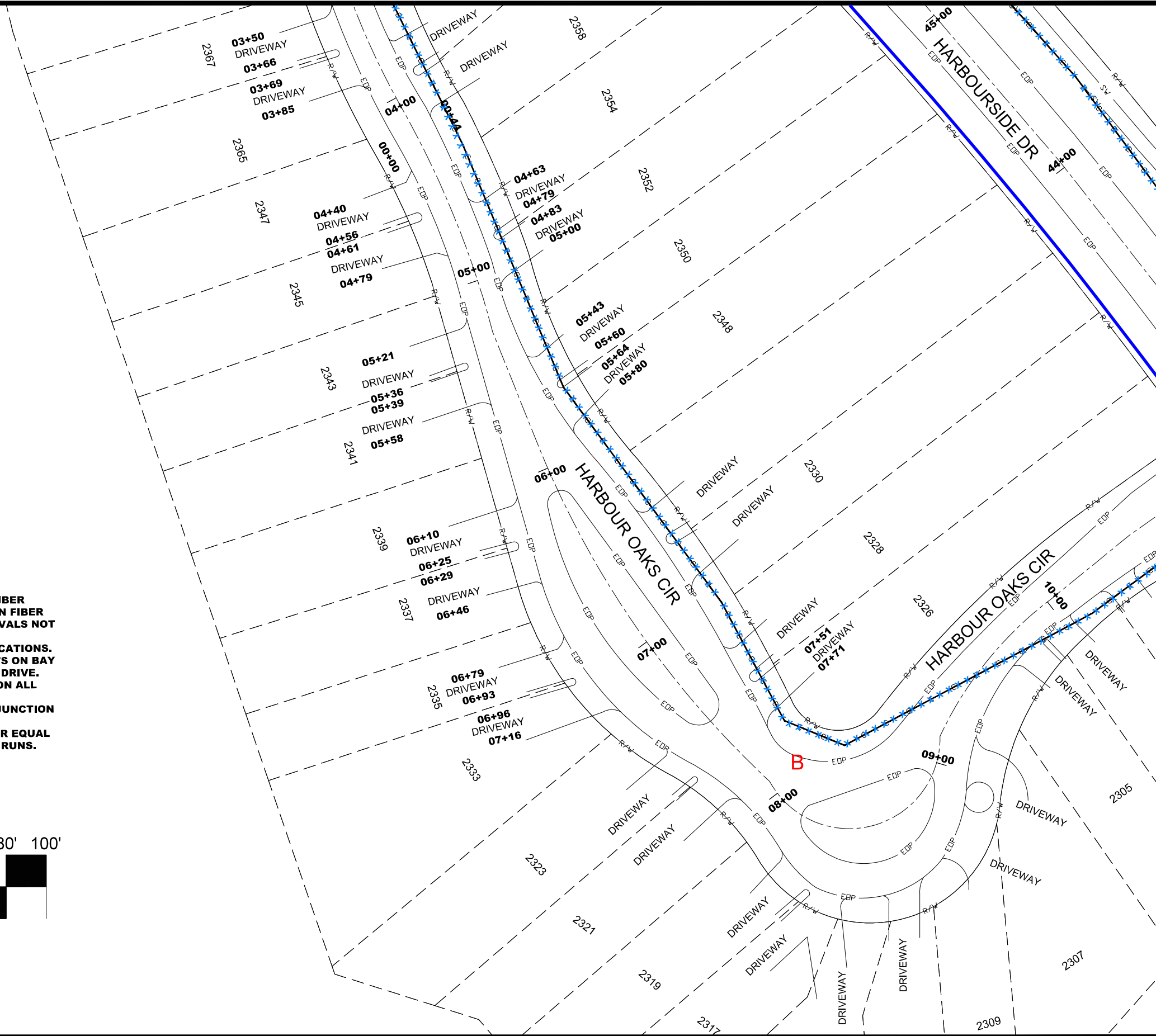
 FIBER OPTICS 24" x36" HANDHOLE.

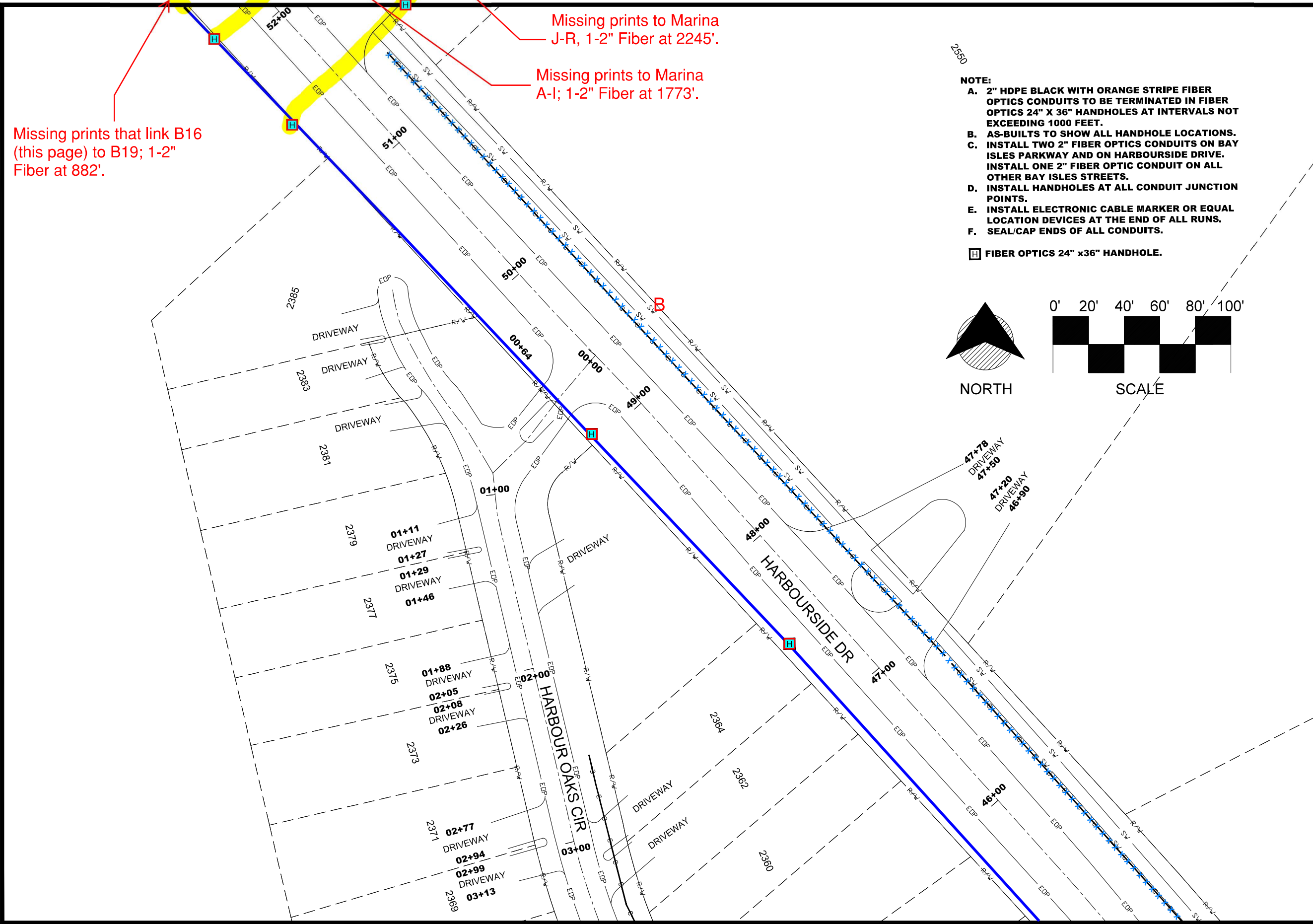


NORTH

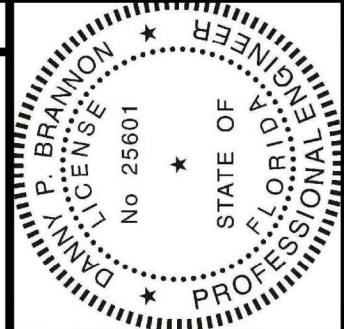
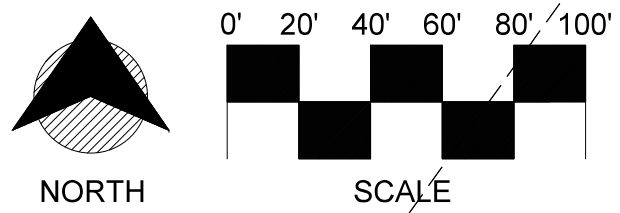


SCALE





- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



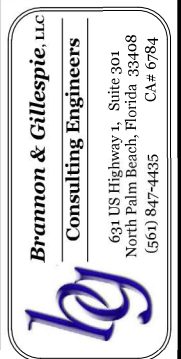
Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'



DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE _____

Town of Longboat Key



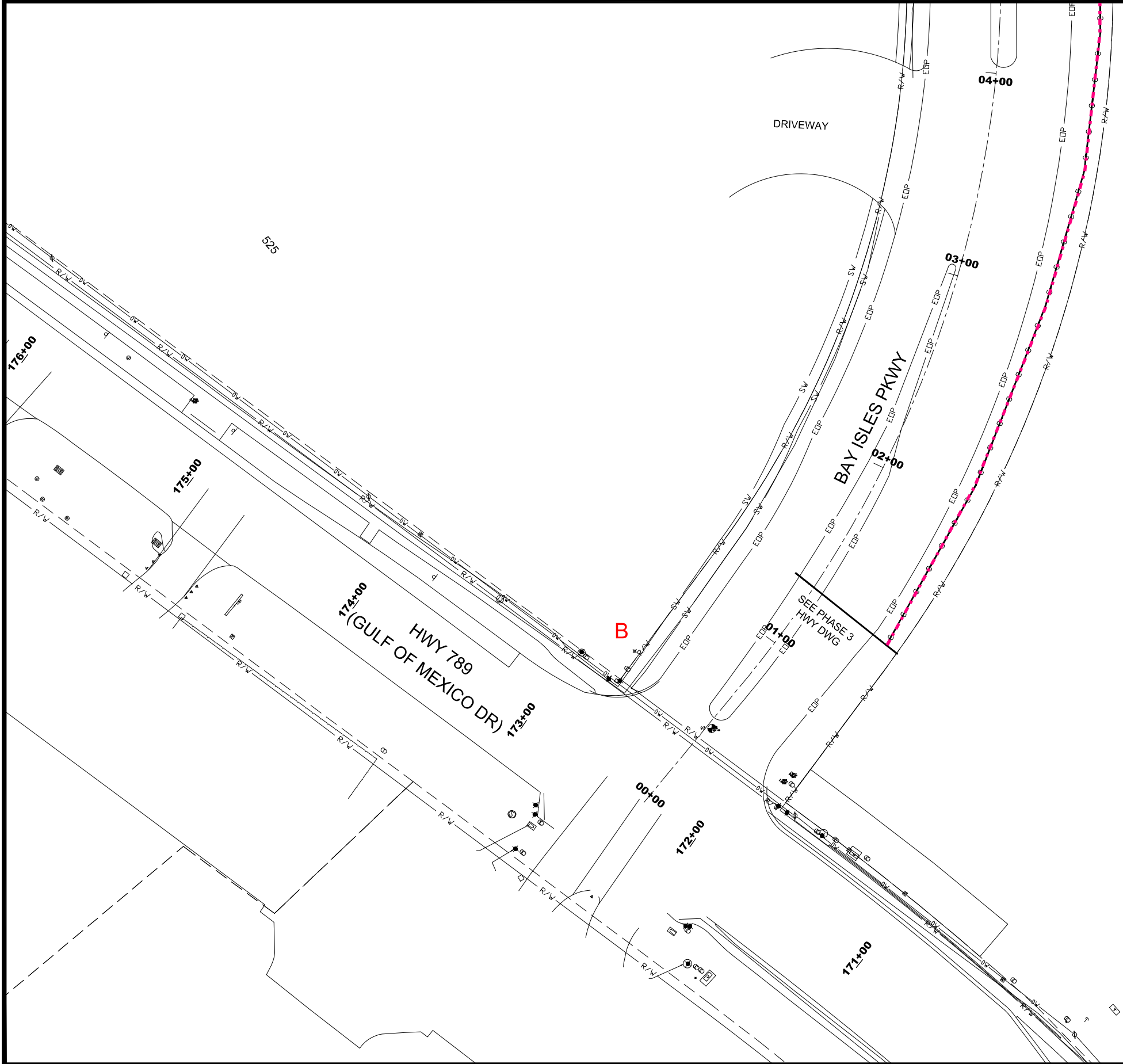
DRAWINGS FOR:

**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**

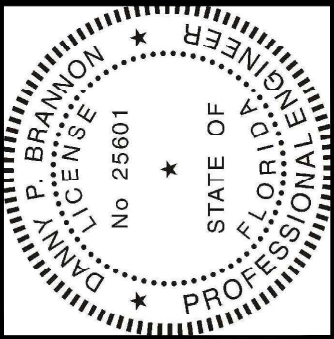
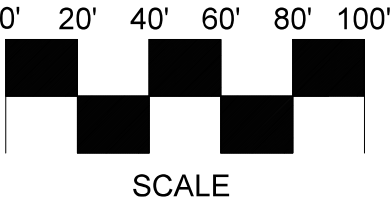
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B16
of	Sheets



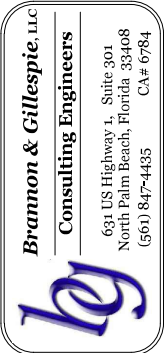
- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601
DATE

Town of Longboat Key

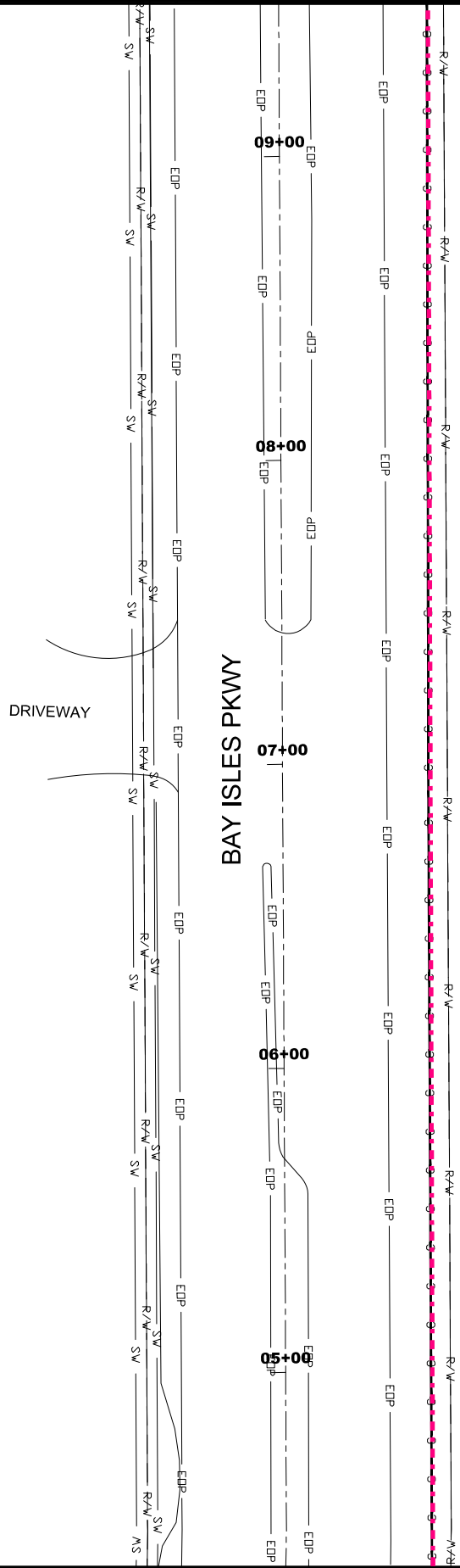


DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B17
of	Sheets

MATCHLINE-STA 09+51
FOR CONTINUATION SEE SHEET 19

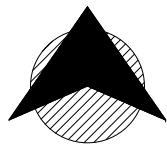


MATCHLINE-STA 04+35
FOR CONTINUATION SEE SHEET 17

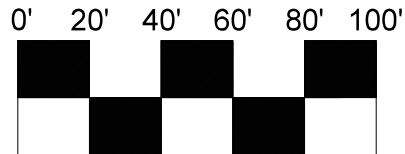
NOTE:

- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- F. SEAL/CAP ENDS OF ALL CONDUITS.

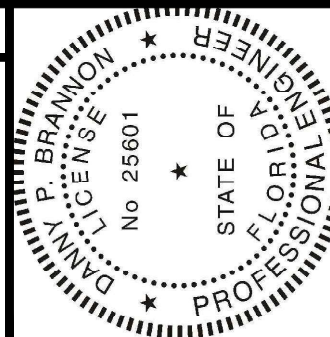
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

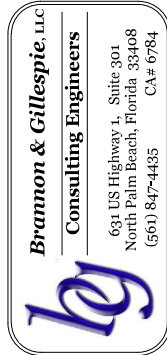


Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

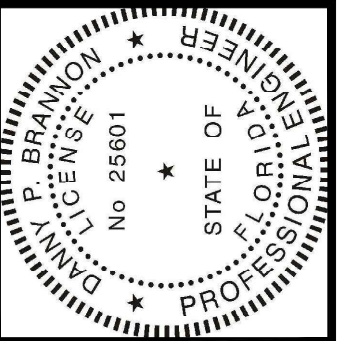
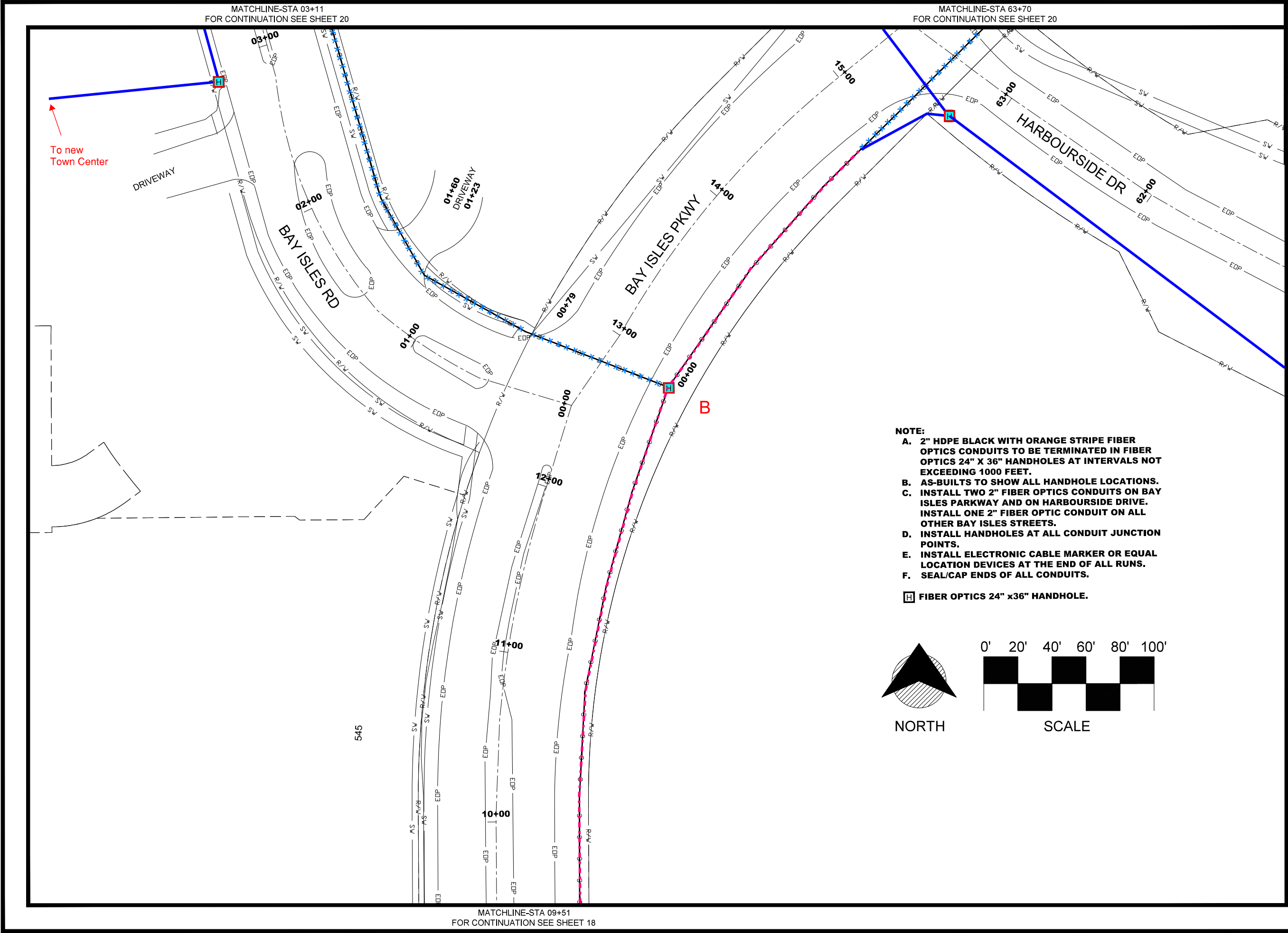


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet

B18

of Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601

DATE



DRAWINGS FOR:

FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020

Scale: AS NOTED

Drawn: DPB

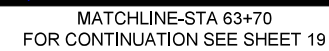
Checked: DPB

Job # 2014-LBK

Sheet B19

of Sheets

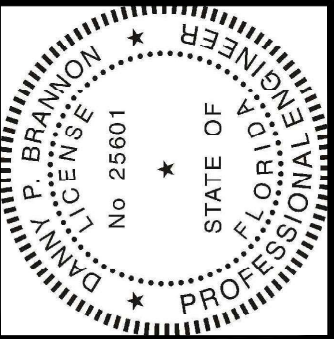
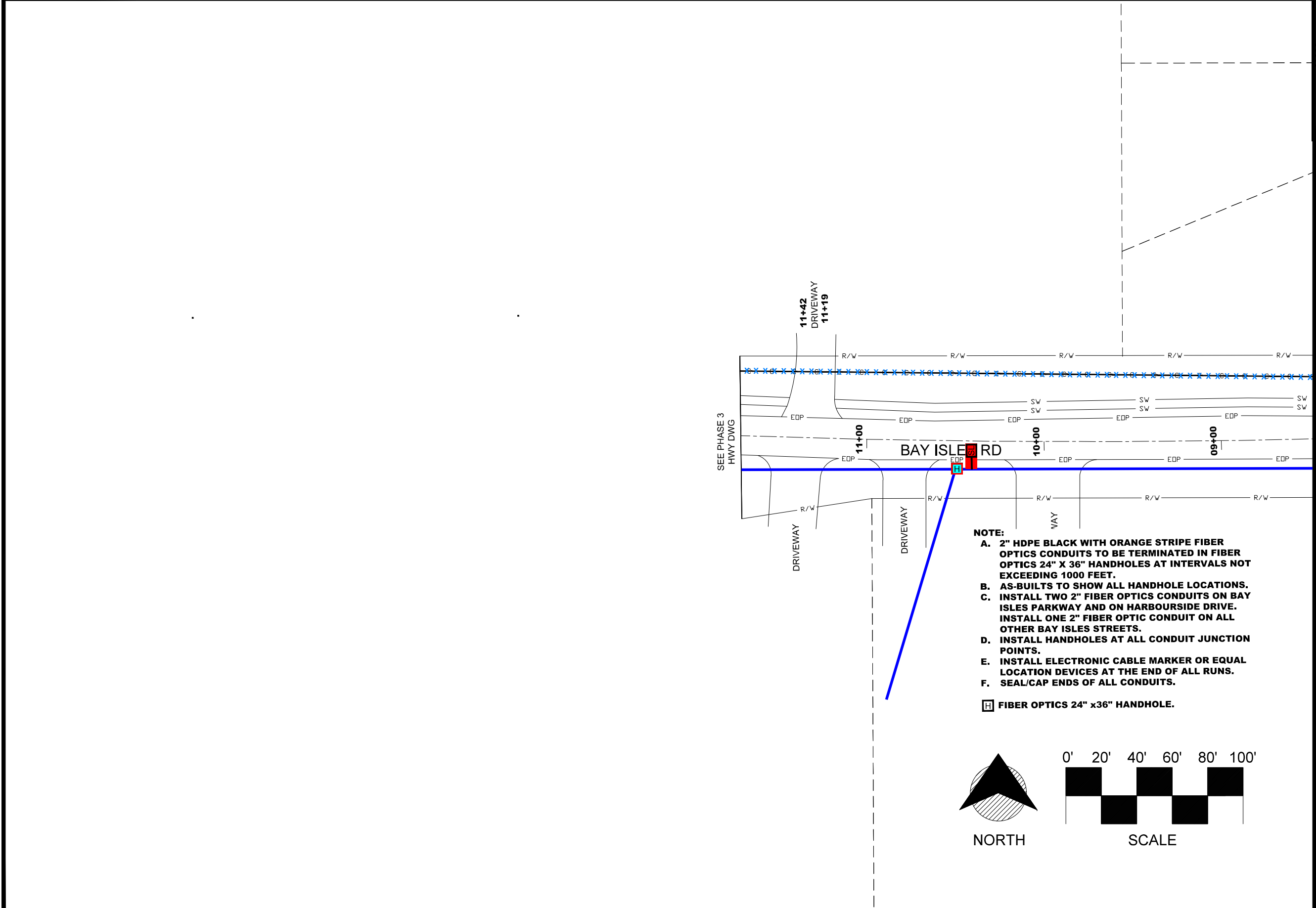
MATCHLINE-STA 08+48
FOR CONTINUATION SEE SHEET 21



A north arrow pointing towards the top-left corner of the page, with the word "NORTH" printed below it. To the right of the north arrow is a graphic scale bar. The scale bar is marked with distances of 0', 20', 40', 60', 80', and 100'. The bar consists of alternating black and white rectangular segments, with black segments covering the first, third, and fifth 20-foot intervals.



of Sheets



Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601
DATE

MATCHLINE-STA 08+48
FOR CONTINUATION SEE SHEET 20

Town of Longboat Key

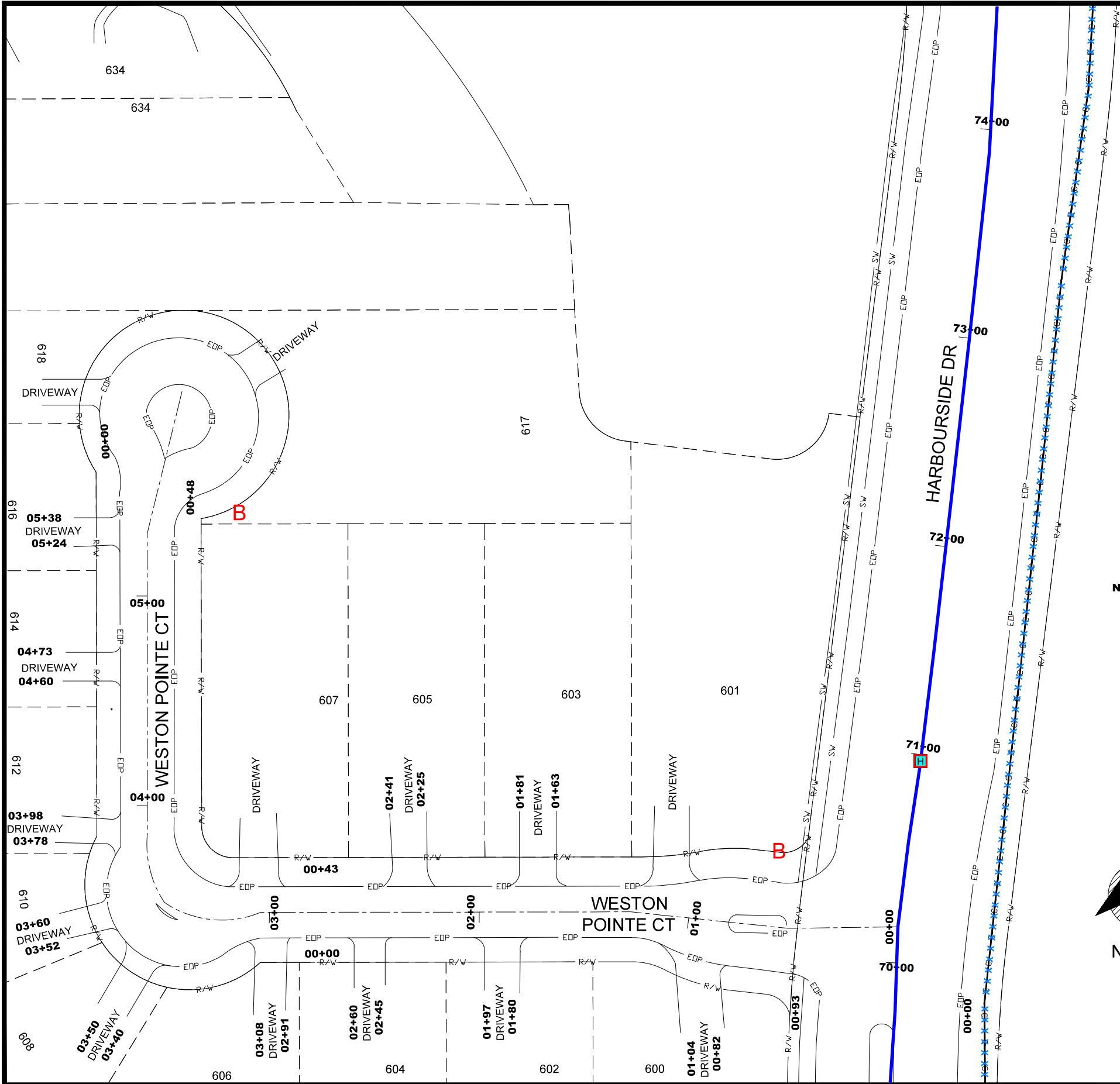


DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B21
of	Sheets

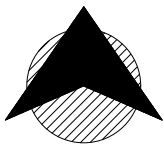
MATCHLINE-STA 74+60
FOR CONTINUATION SEE SHEET 23



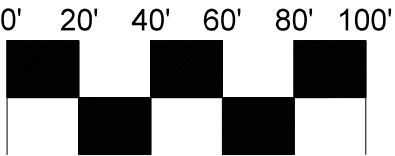
MATCHLINE-STA 69+42
FOR CONTINUATION SEE SHEET 20

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

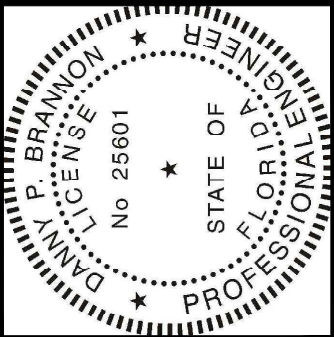
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

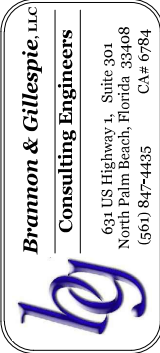


Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



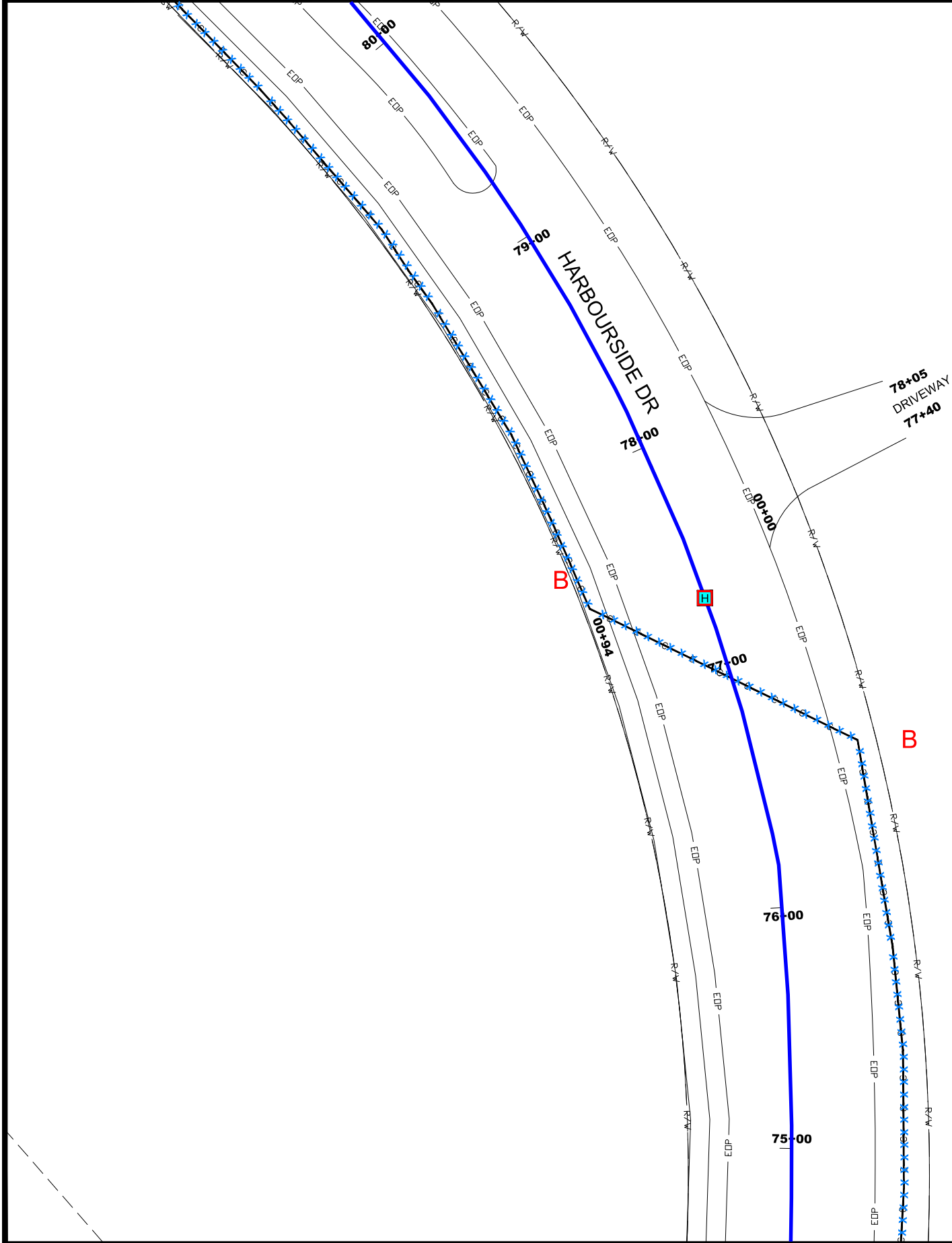
DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B22

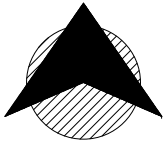
of Sheets

MATCHLINE-STA 80+23
FOR CONTINUATION SEE SHEET 24

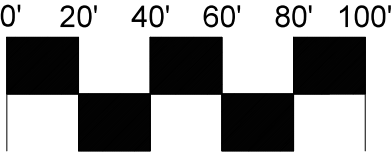


MATCHLINE-STA 74+60
FOR CONTINUATION SEE SHEET 22

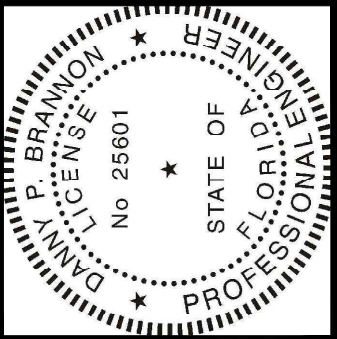
- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key

DRAWINGS FOR:

FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 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

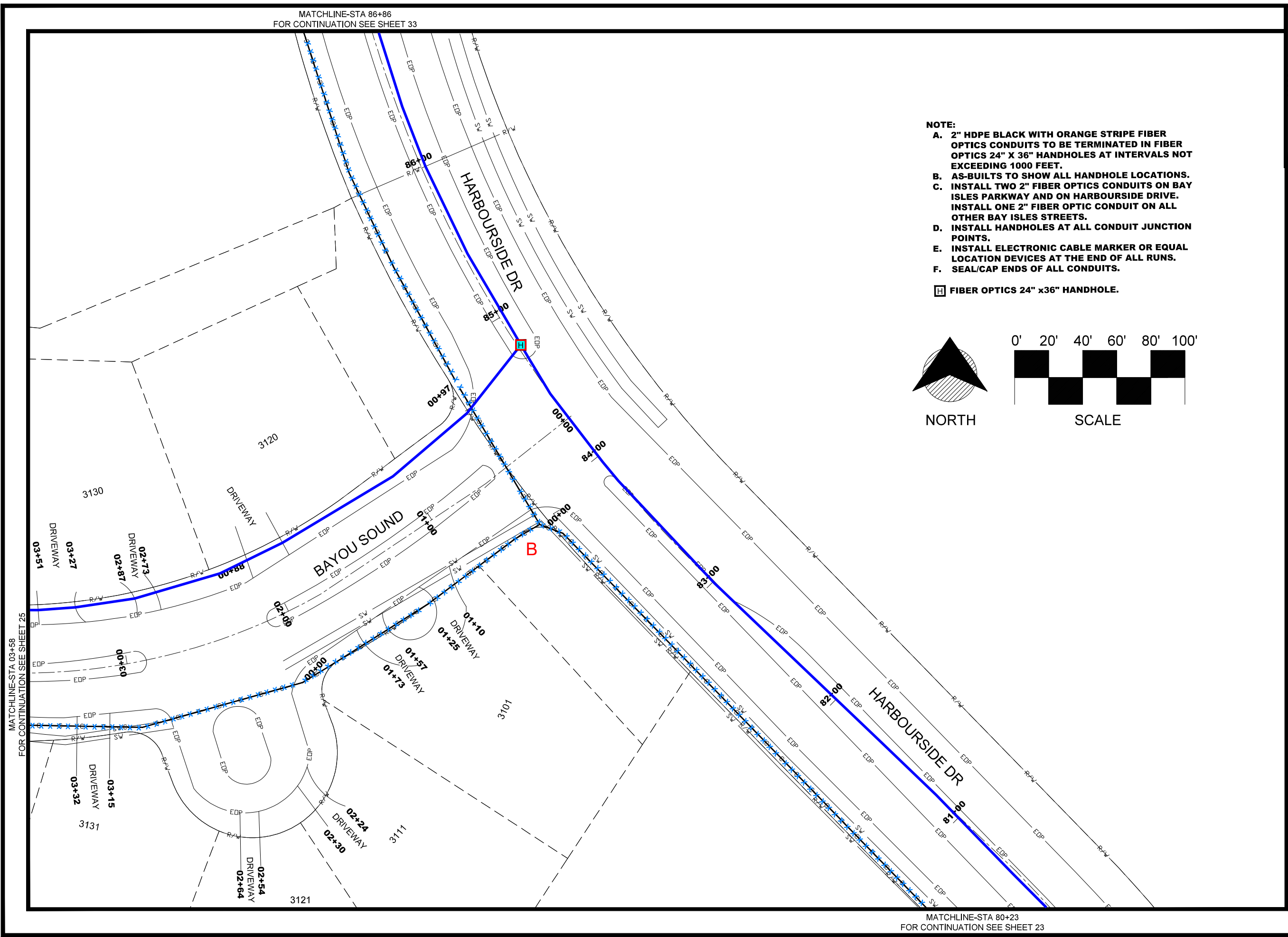


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

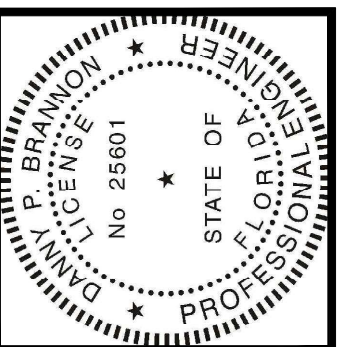
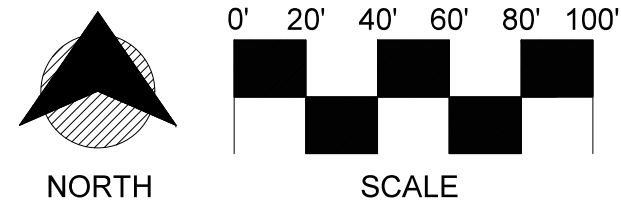
Sheet

B23

of Sheets



- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
- FIBER OPTICS 24" x36" HANDHOLE.

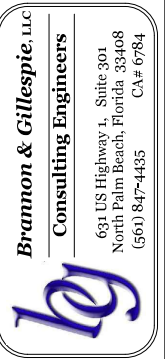


Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

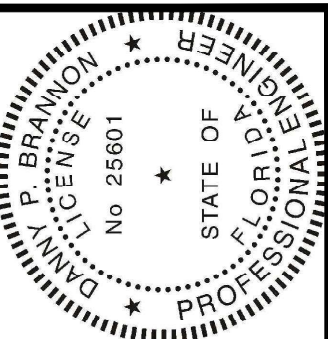
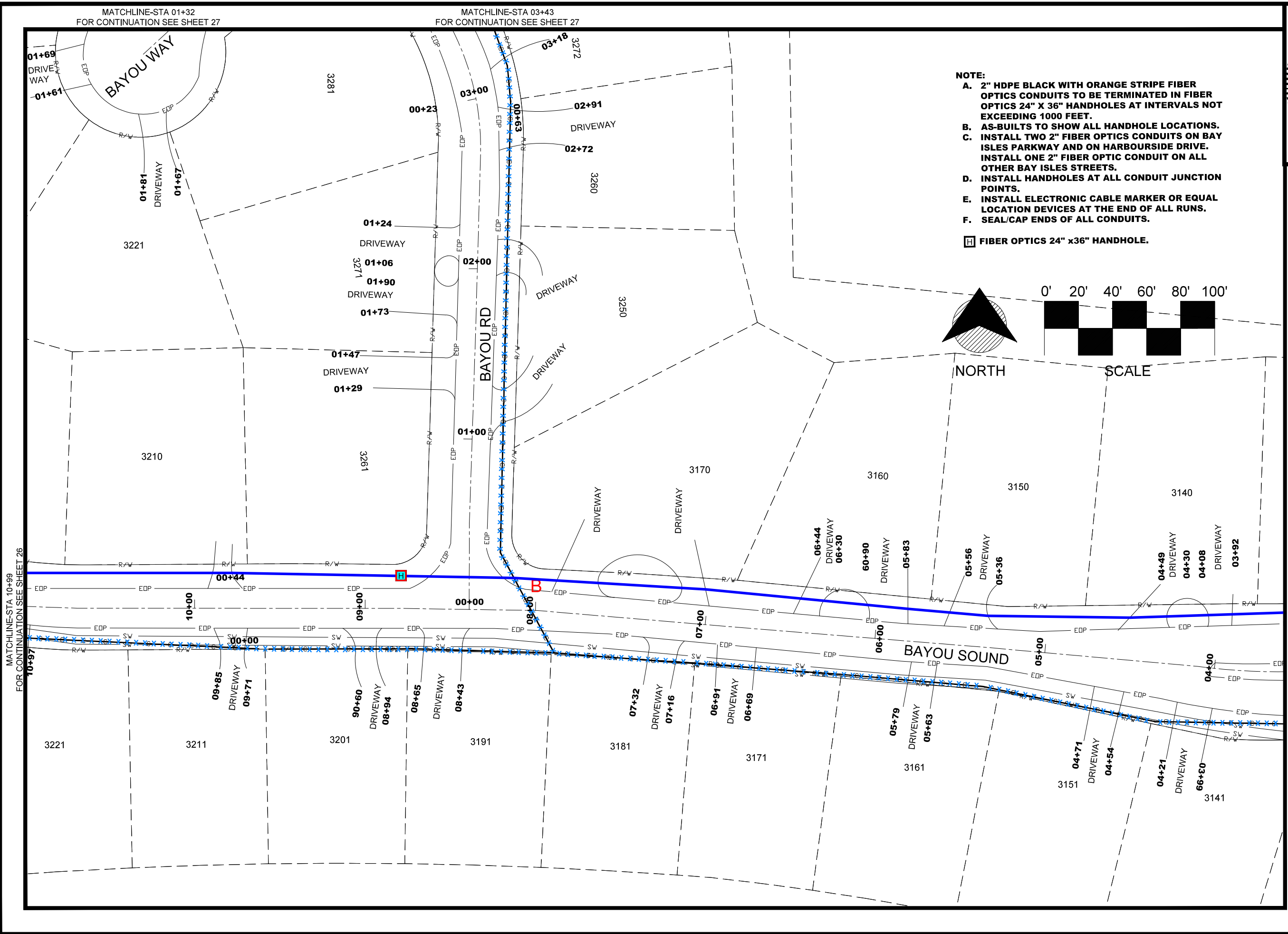
Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B24
of	Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

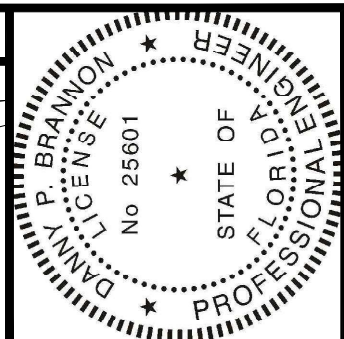


DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



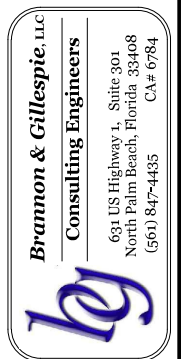
Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B25
of	Sheets

MATCHLINE-STA 15+76
FOR CONTINUATION SEE SHEET 27



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601
DATE



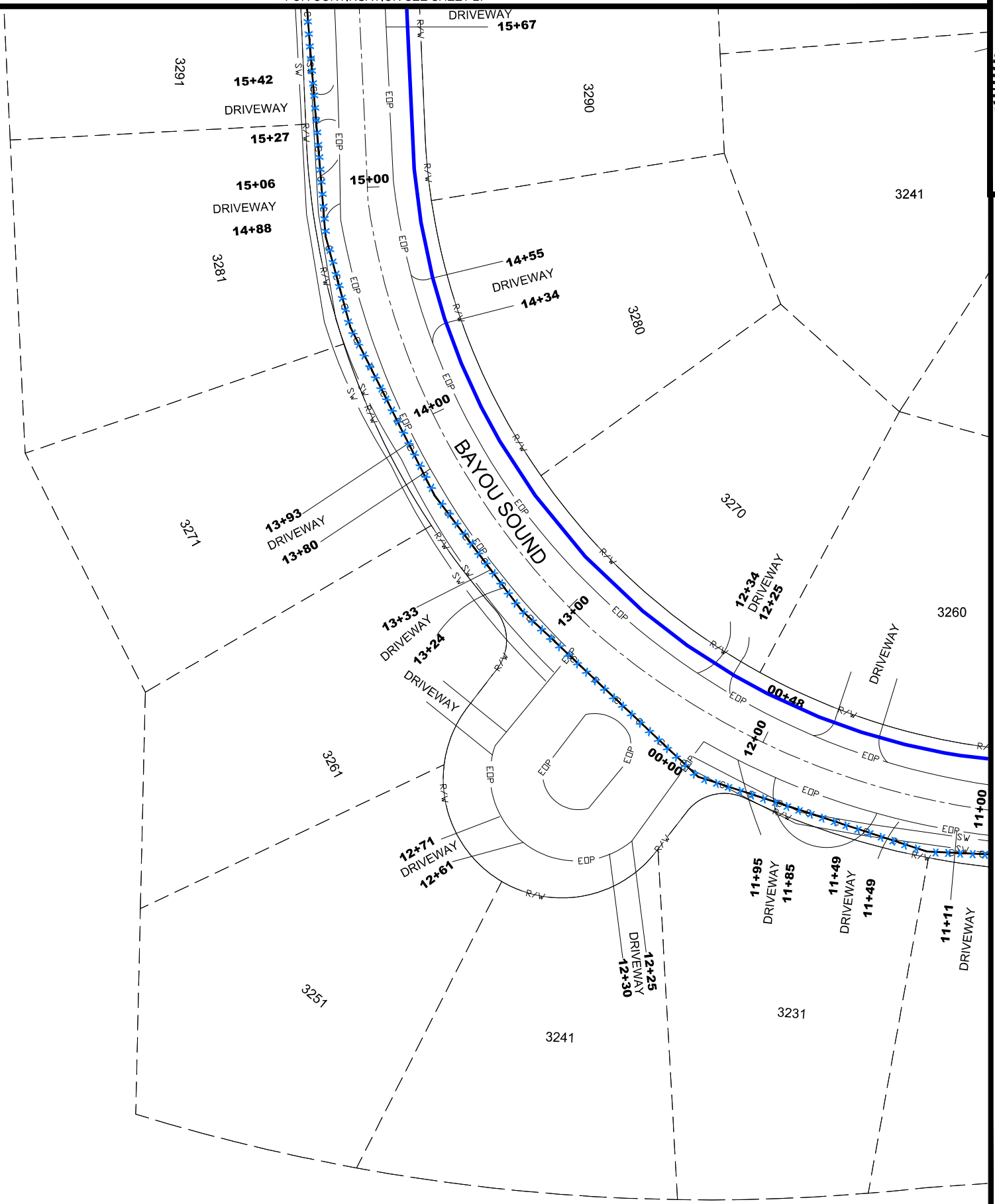
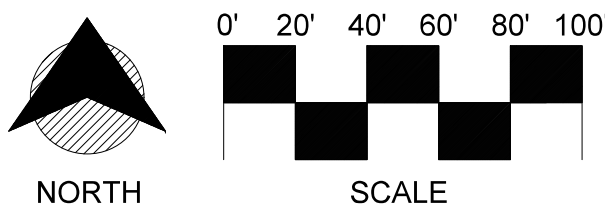
DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B26
of Sheets

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



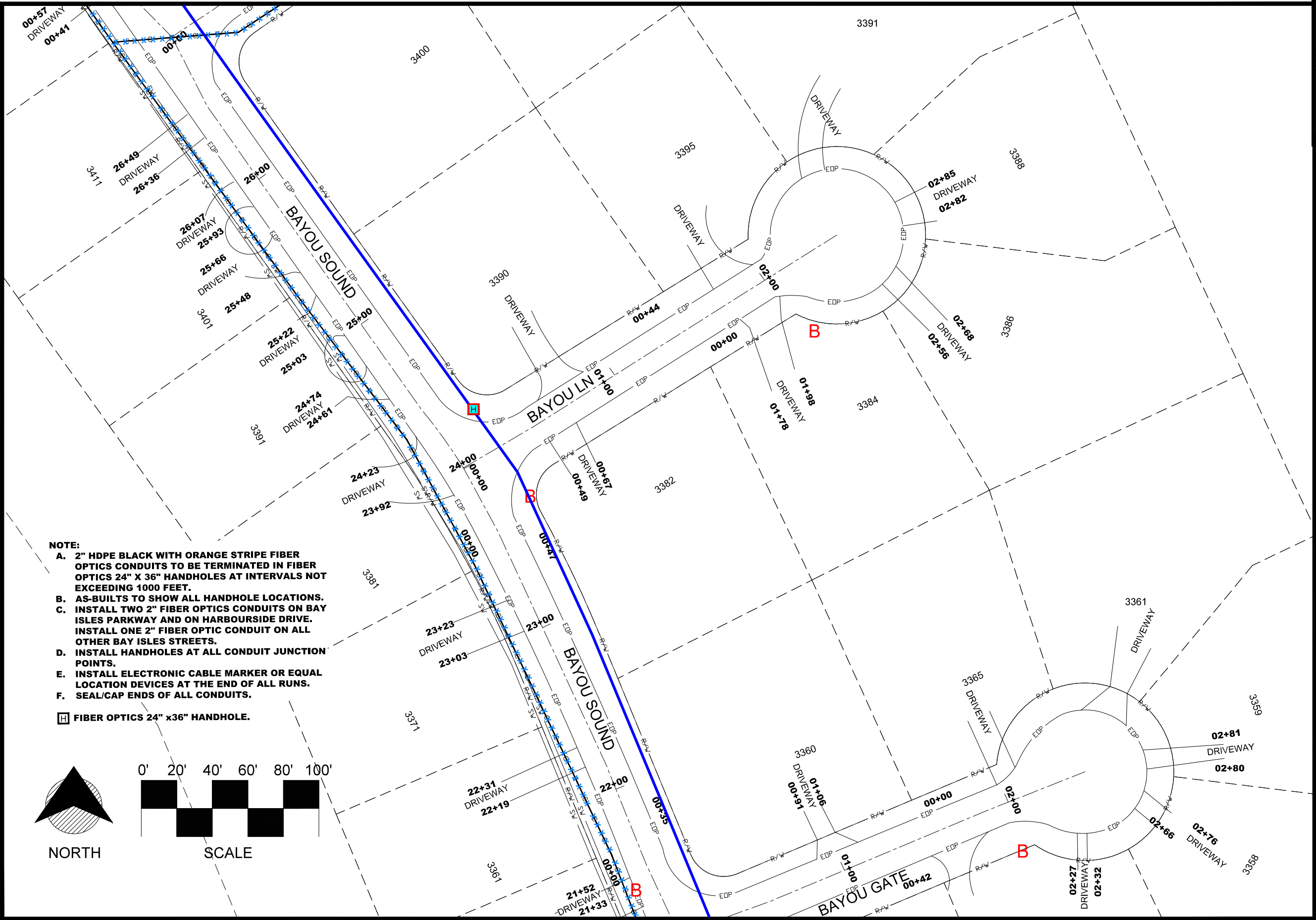
[illegible]

MATCHLINE-STA 03+43
FOR CONTINUATION SEE SHEET 25



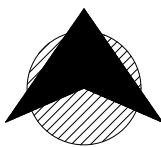
MATCHLINE-STA 00+26
FOR CONTINUATION SEE SHEET 29

MATCHLINE-STA 20+44
FOR CONTINUATION SEE SHEET 29



- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

H FIBER OPTICS 24" x36" HANDHOLE.



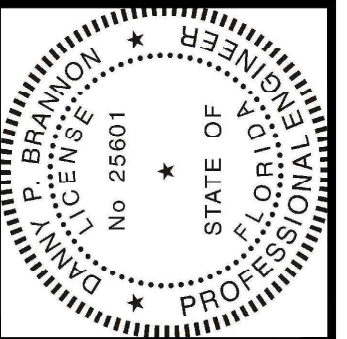
NORTH

0' 20' 40' 60' 80' 100'



SCALE

MATCHLINE-STA 21+20
FOR CONTINUATION SEE SHEET 27



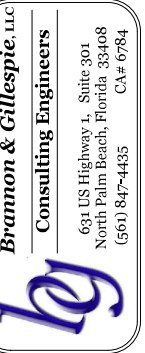
Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

Danny P. Brannon

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601

DATE

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
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK
Sheet

B28

of Sheets

MATCHLINE-STA 00+26
FOR CONTINUATION SEE SHEET 28

MATCHLINE-STA 17+83
FOR CONTINUATION SEE SHEET 30



Dany B. Brown

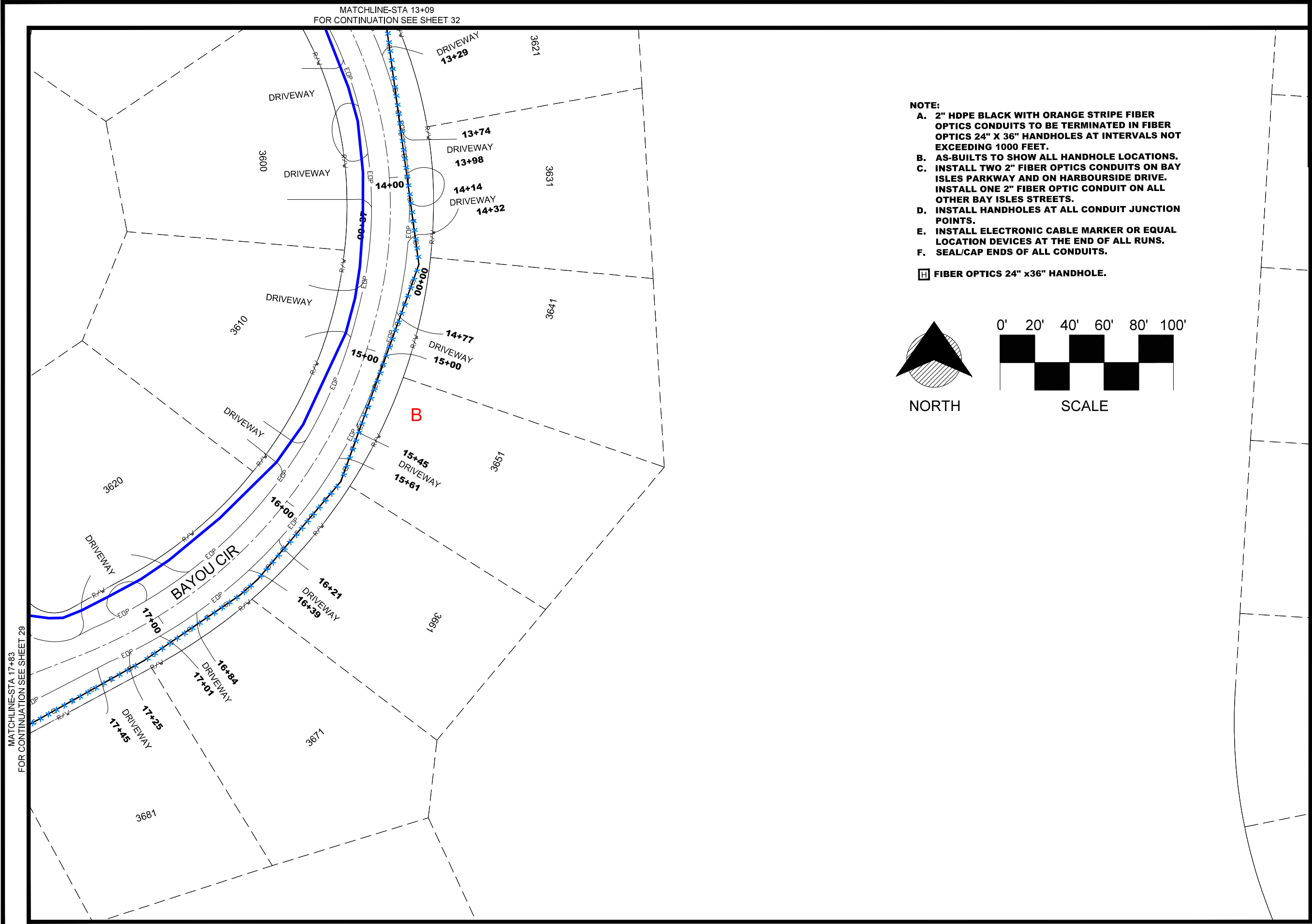
DATE _____

DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA

Sheet **B29**

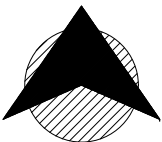
of Sheets

Town of Longboat Key

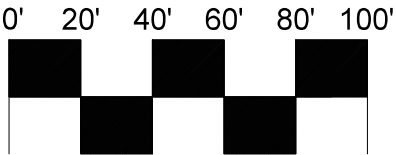


- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

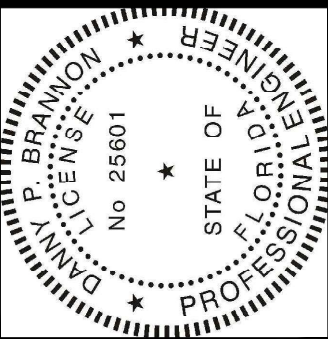
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

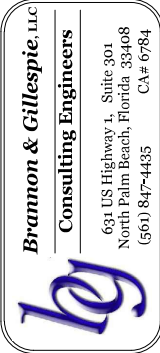


Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

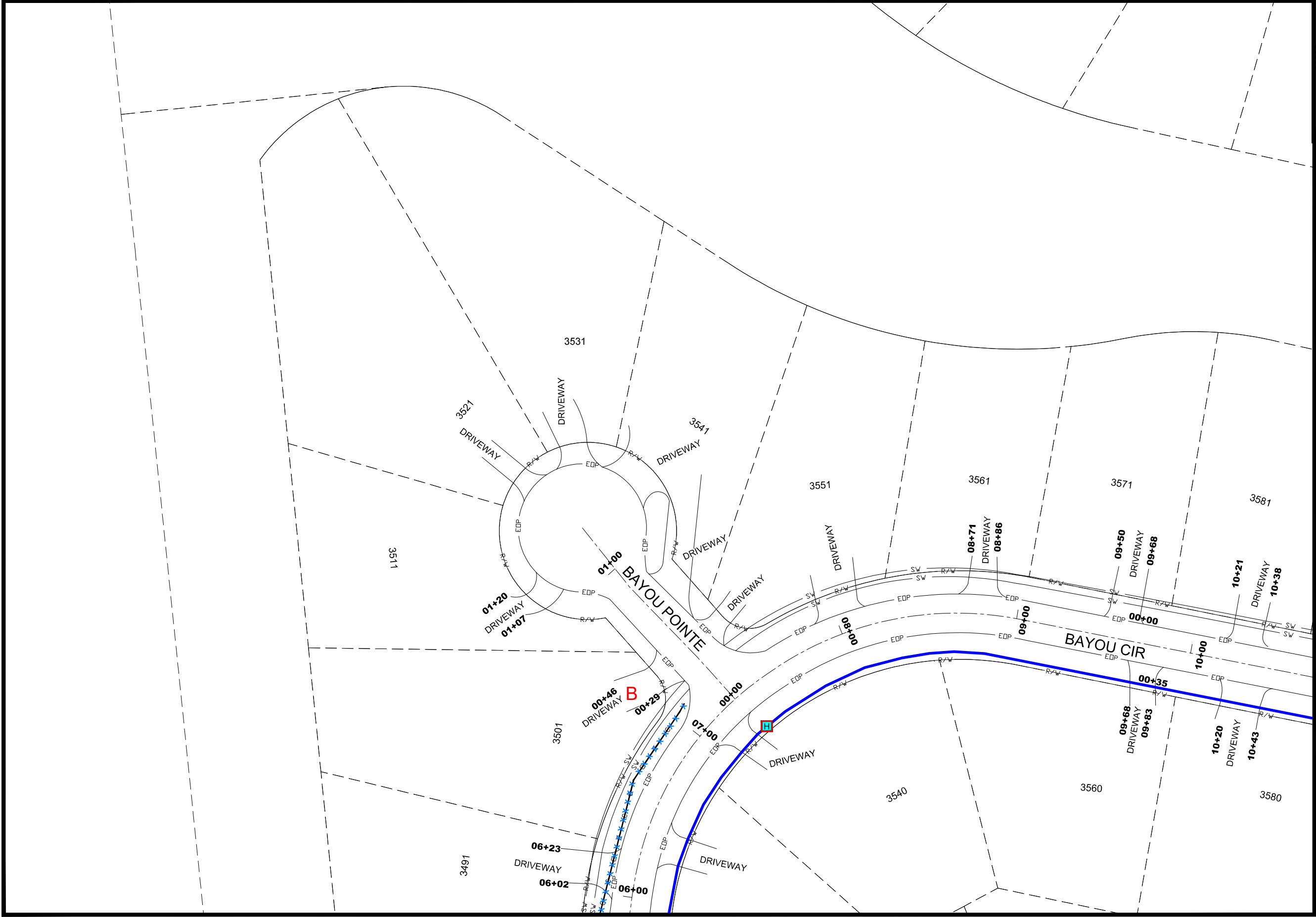


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet

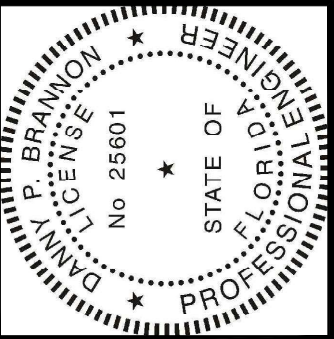
B30

of Sheets



MATCHLINE-STA 10+71
FOR CONTINUATION SEE SHEET 32

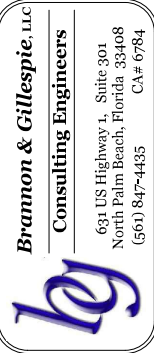
MATCHLINE-STA 05+90
FOR CONTINUATION SEE SHEET 29



Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

Danny Brannon

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601
DATE



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B31
of Sheets

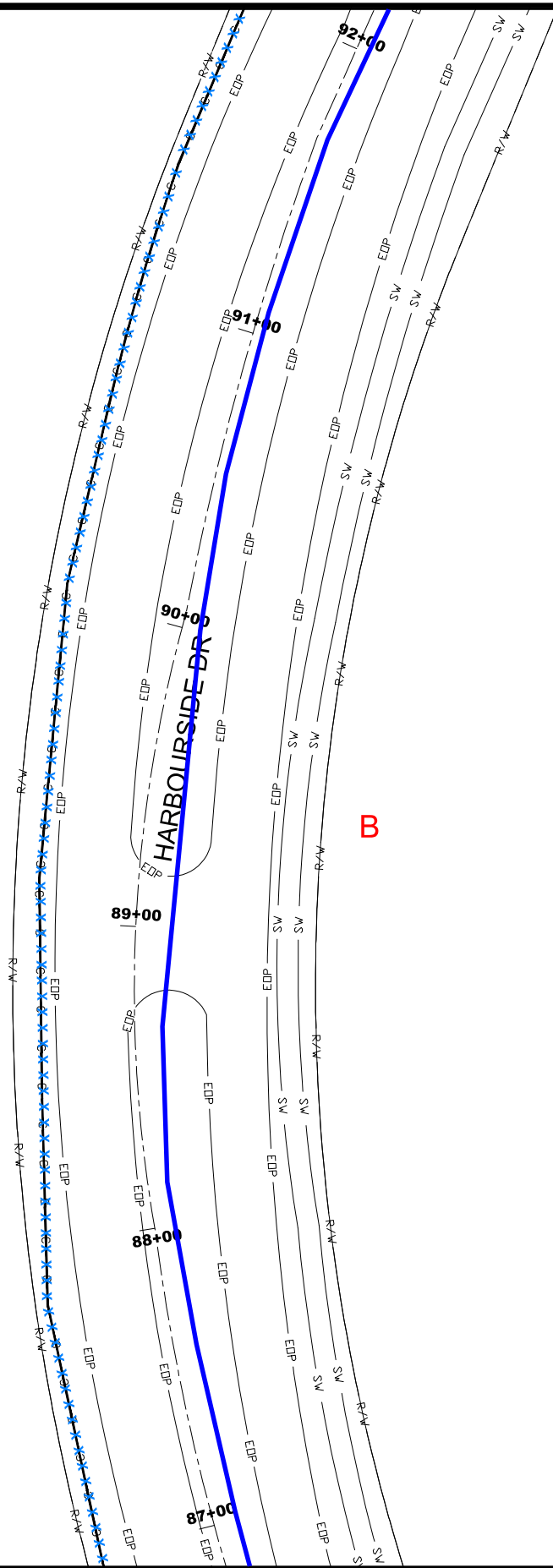
MATCHLINE-STA 27+43
FOR CONTINUATION SEE SHEET 46



of Sheets

SCALE

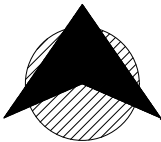
MATCHLINE-STA 92+15
FOR CONTINUATION SEE SHEET 34



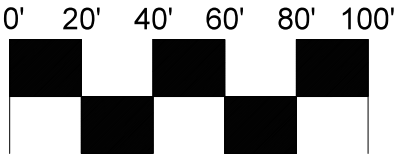
MATCHLINE-STA 86+86
FOR CONTINUATION SEE SHEET 24

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.

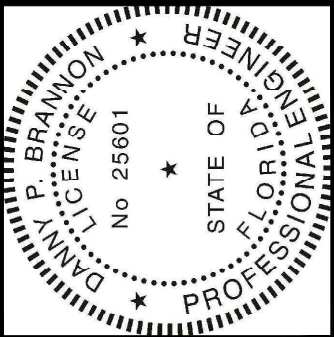
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

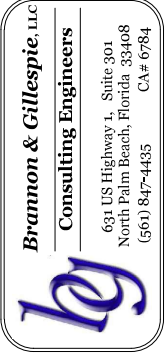
DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key

DRAWINGS FOR:

FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet

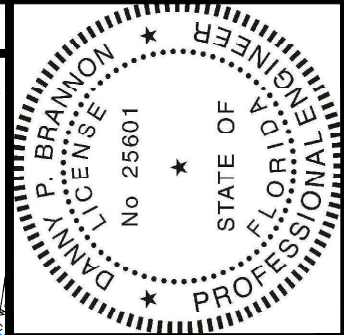
B33

of Sheets

MATCHLINE-STA 06+44
FOR CONTINUATION SEE SHEET 37

MATCHLINE-STA 00+22
FOR CONTINUATION SEE SHEET 37

MATCHLINE-STA 01+21
FOR CONTINUATION SEE SHEET 37



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

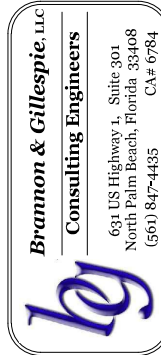
Danny Brannon

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601

DATE

MATCHLINE-STA 00+24
FOR CONTINUATION SEE SHEET 35

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK

Sheet

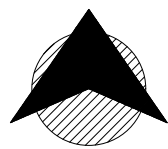
B34

of Sheets

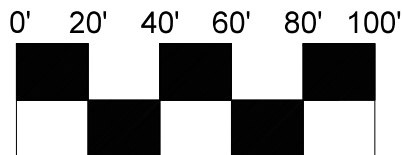
NOTE:

- 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- SEAL/CAP ENDS OF ALL CONDUITS.

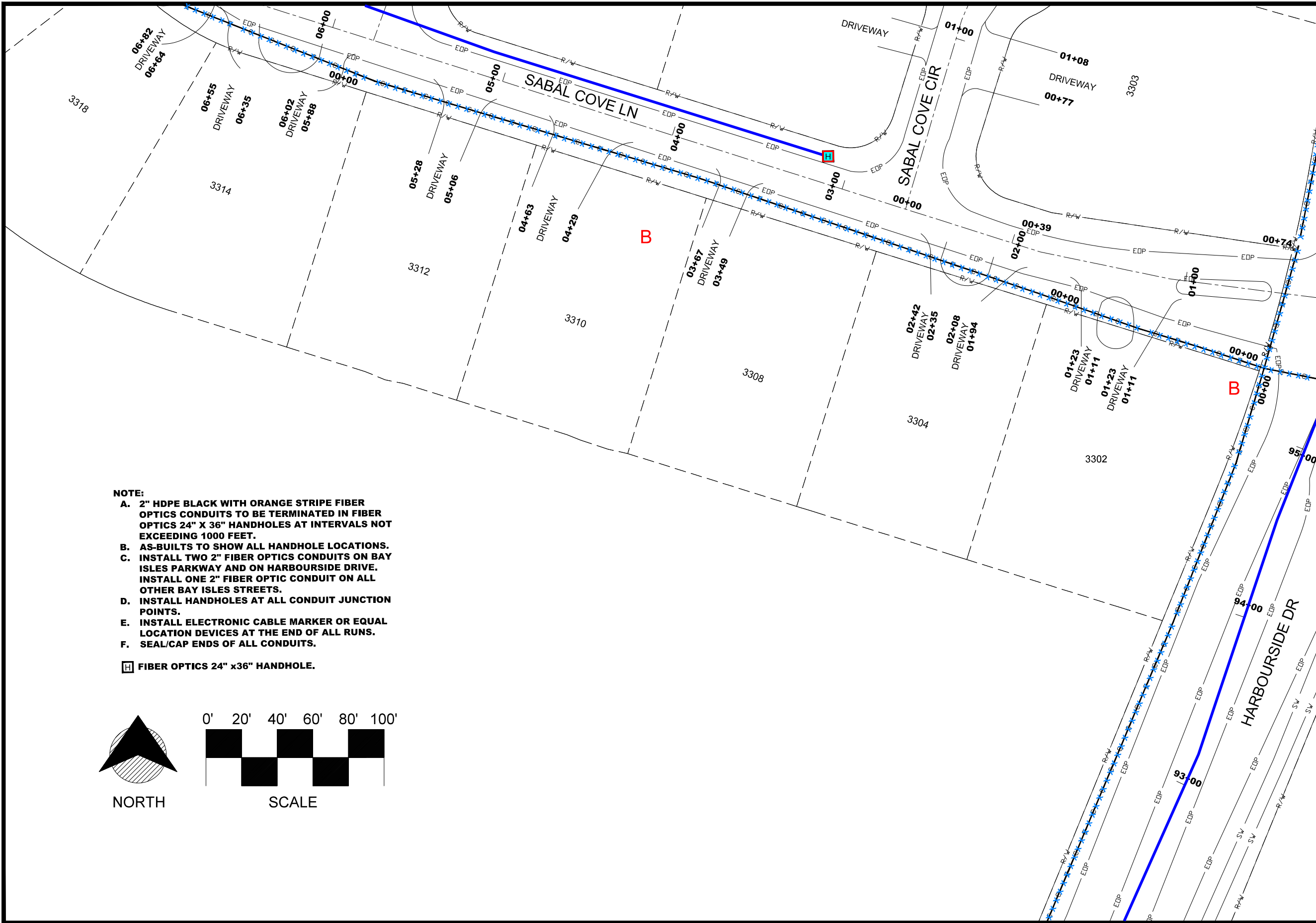
 FIBER OPTICS 24" x 36" HANDHOLE.



NORTH

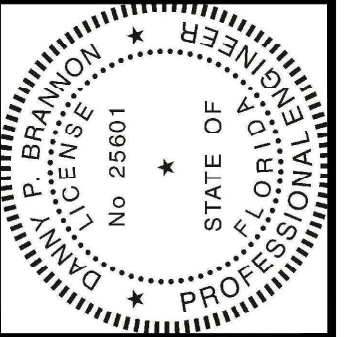
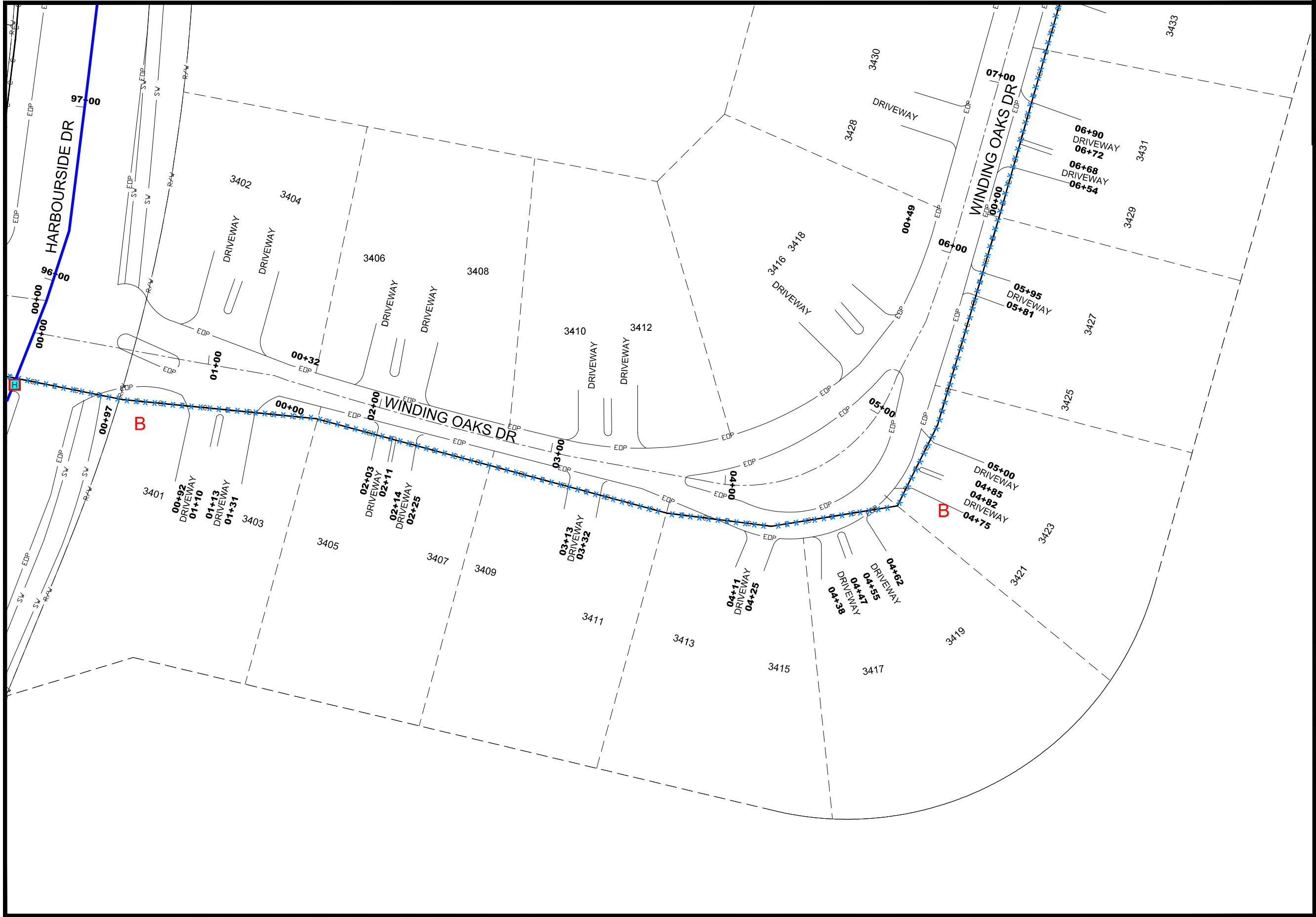


SCALE



MATCHLINE-STA 92+15
FOR CONTINUATION SEE SHEET 33

MATCHLINE-STA 07+47
FOR CONTINUATION SEE SHEET 36

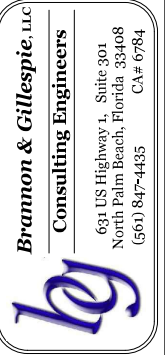


Dany Basso

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DALE

Town of Longboat Key



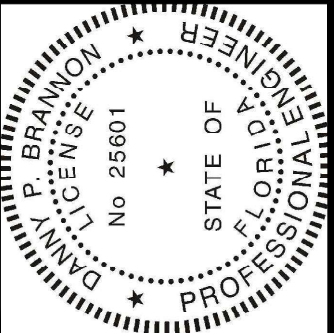
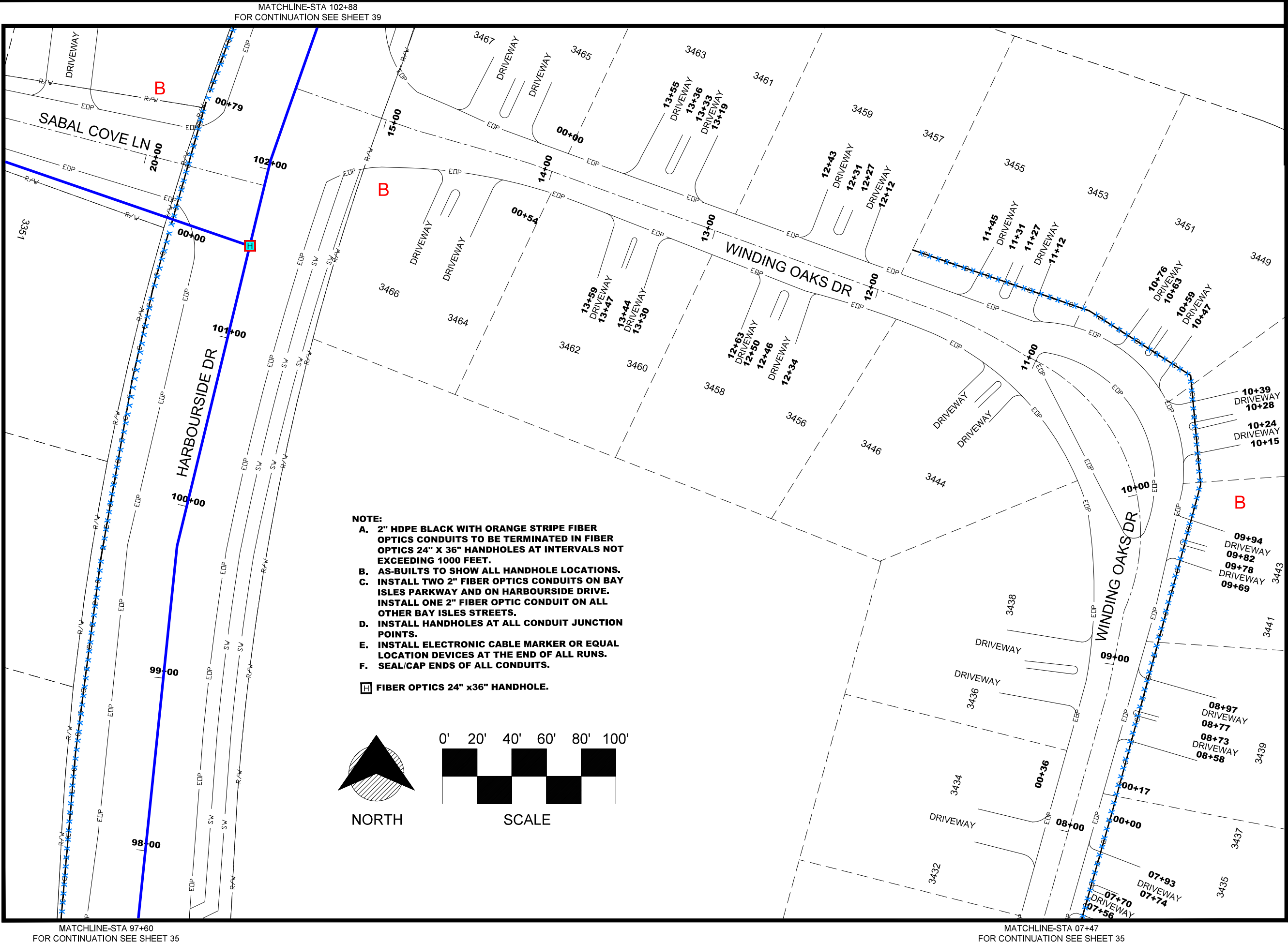
DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK

Sheet **B35**

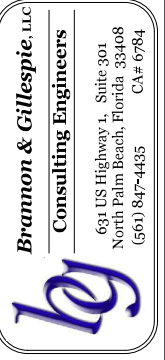
of Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601
DATE

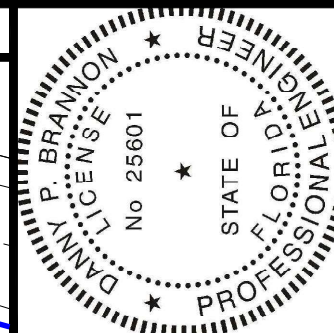
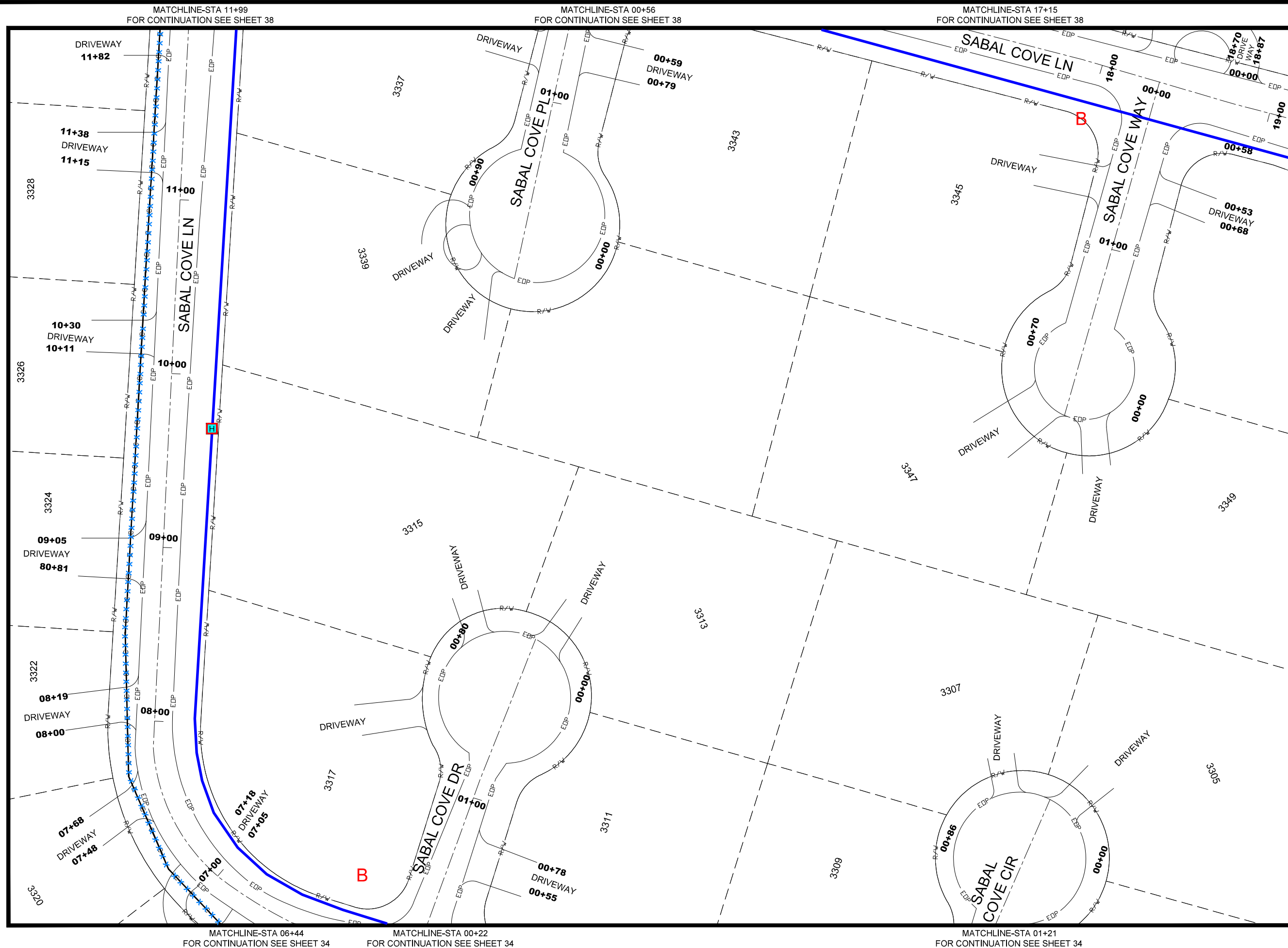
Town of Longboat Key



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



Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B36
of	Sheets



Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

Dany Borne

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE _____

Town of Longboat Key

DRAWINGS FOR:

DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA

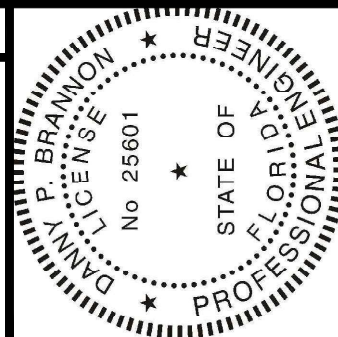


Brannon & Gillespie, LLC
Consulting Engineers

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

Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	D37

of Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

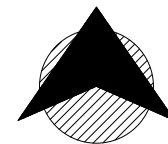
DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

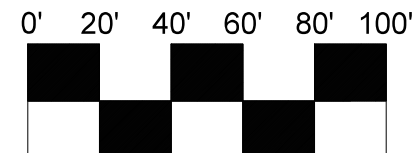
NOTE:

- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- F. SEAL/CAP ENDS OF ALL CONDUITS.

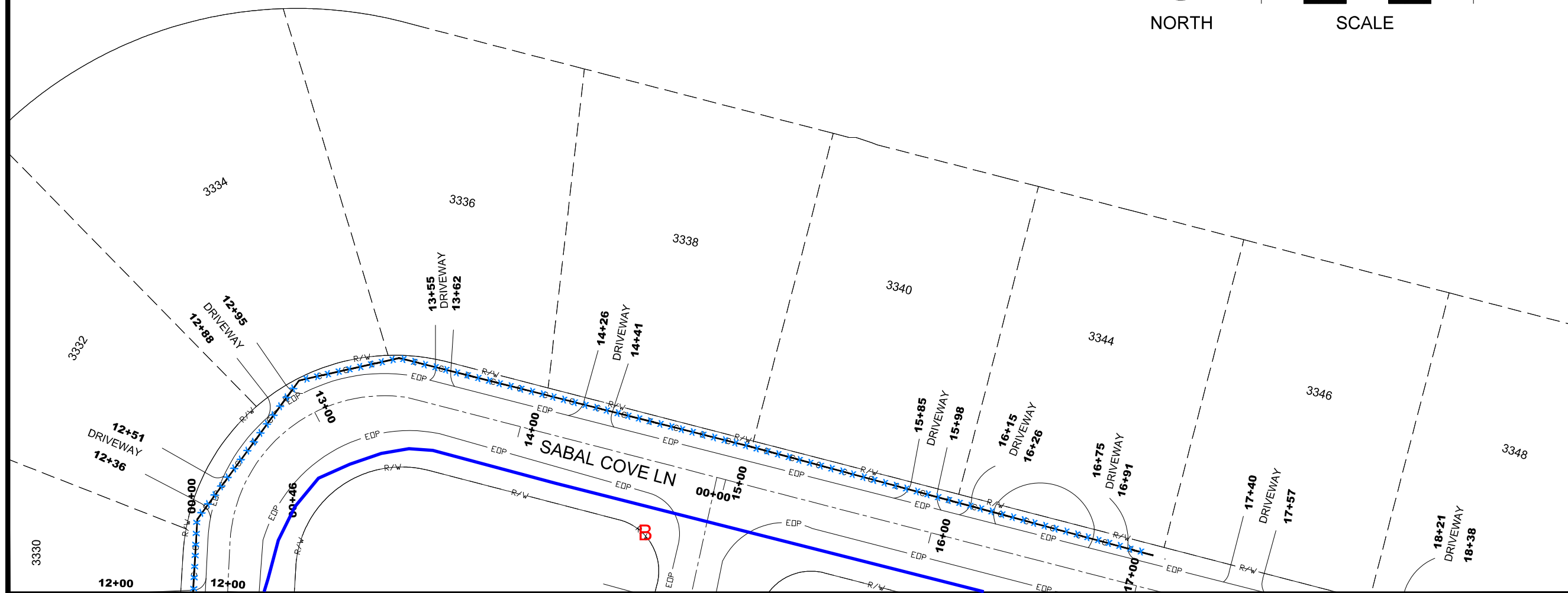
 FIBER OPTICS 24" x36" HANDHOLE.



NORTH



SCALE

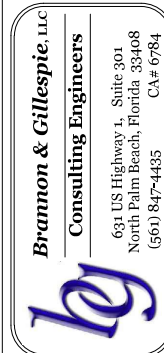


MATCHLINE-STA 11+99
FOR CONTINUATION SEE SHEET 37

MATCHLINE-STA 00+56
FOR CONTINUATION SEE SHEET 37

MATCHLINE-STA 17+15
FOR CONTINUATION SEE SHEET 37

Town of Longboat Key



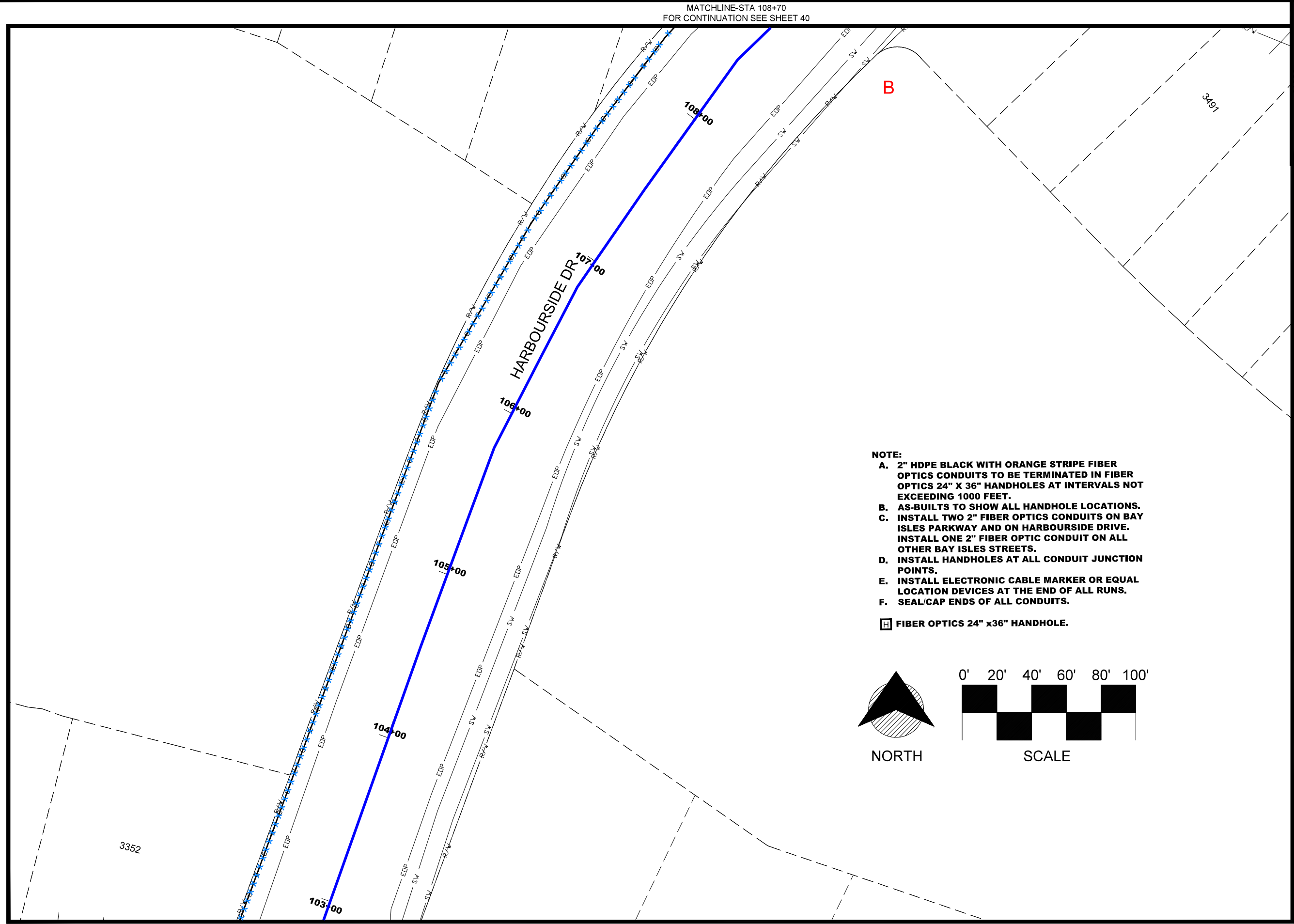
DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



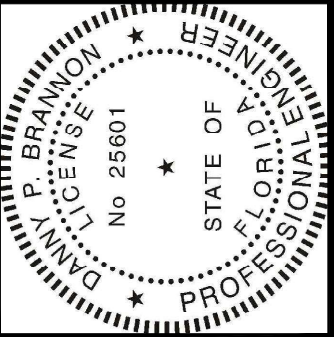
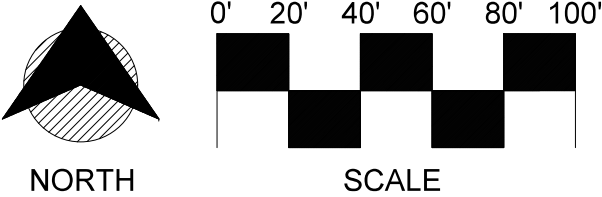
Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B38

of Sheets



- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.**
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.**
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.**
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.**
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.**
 - F. SEAL/CAP ENDS OF ALL CONDUITS.**
-  **FIBER OPTICS 24" x36" HANDHOLE.**



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

Danny Brannon

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE _____

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:

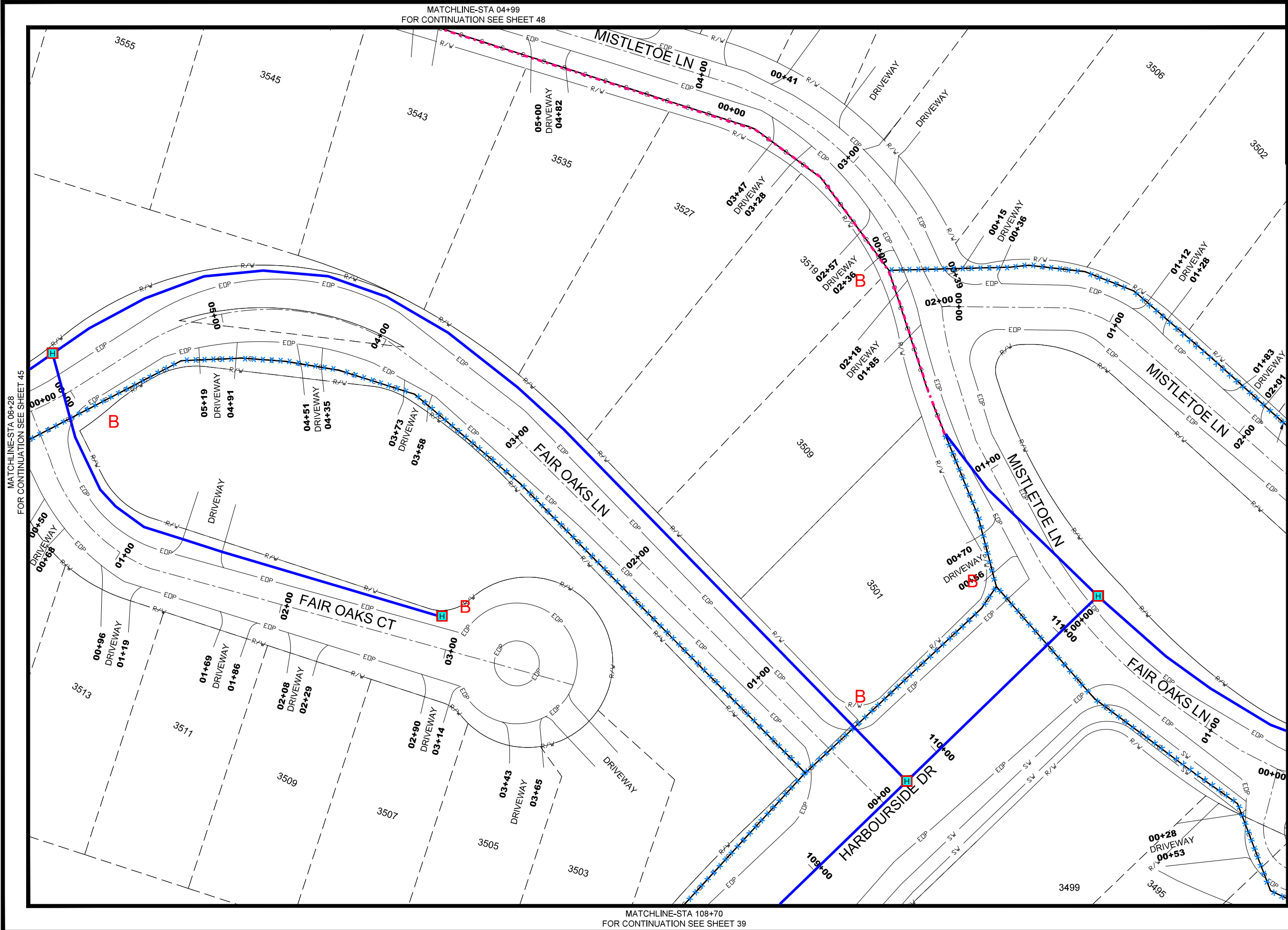
FIBER OPTIC AND STREET LIGHTING UTILITY

PHASE 3 CONSTRUCTION

LONGBOAT KEY, FLORIDA

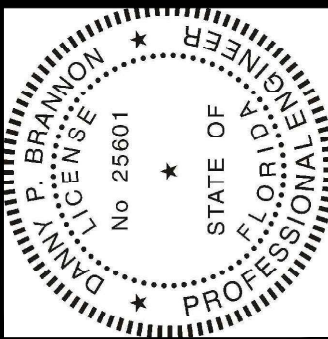


Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B39
of	Sheets



MATCHLINE-STA 04+99
FOR CONTINUATION SEE SHEET 48

MATCHLINE-STA 108+70
FOR CONTINUATION SEE SHEET 39



Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

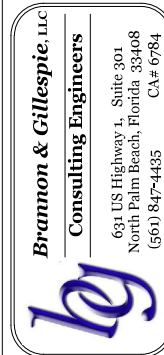
DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

MATCHLINE-STA 02+38
FOR CONTINUATION SEE SHEET 41

MATCHLINE-STA 01+56
FOR CONTINUATION SEE SHEET 42

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

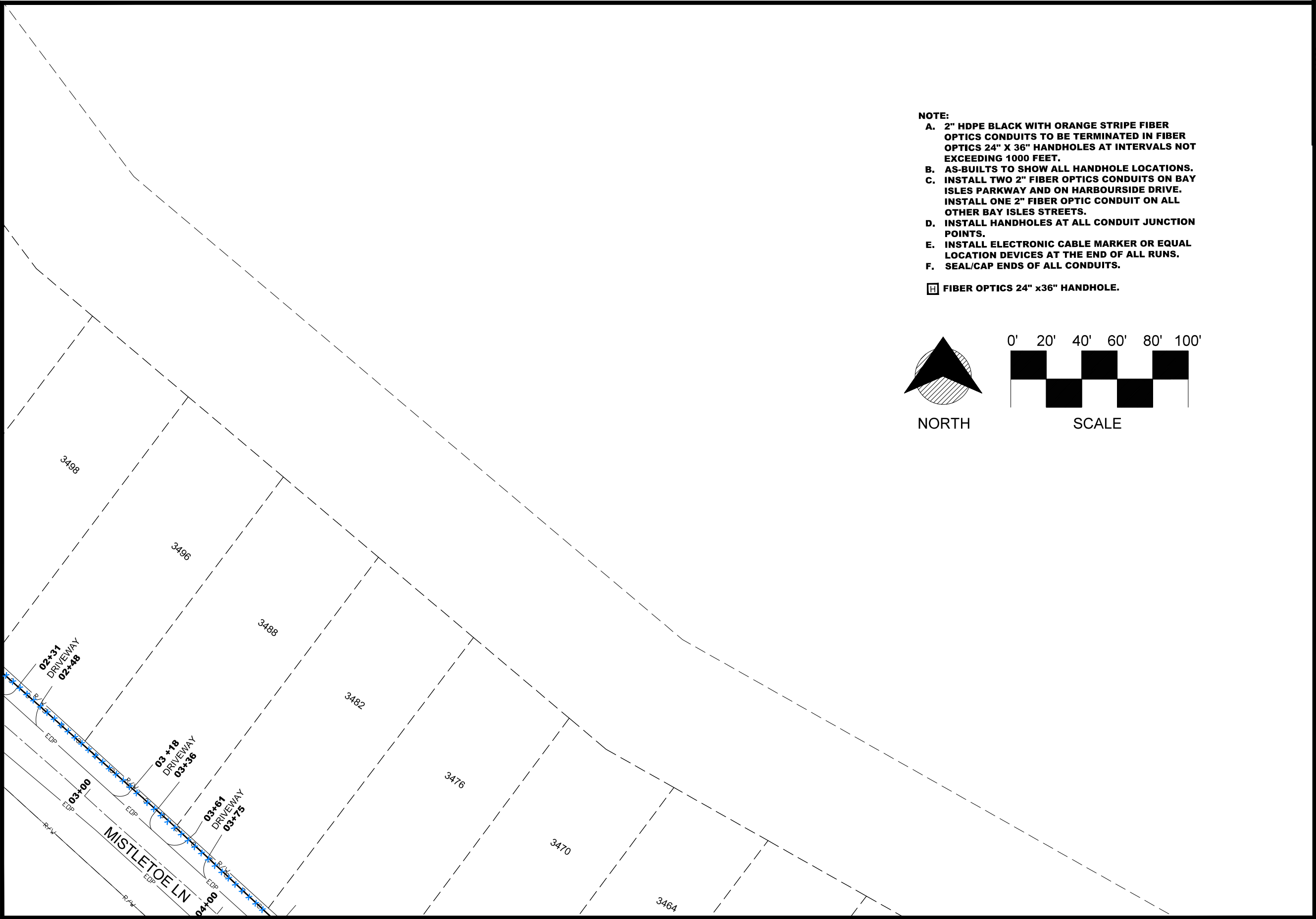


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B40

of Sheets

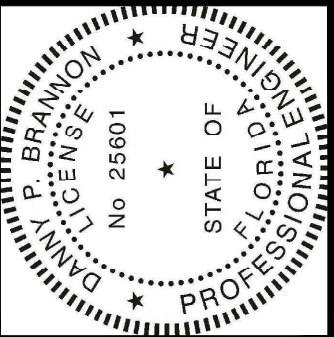
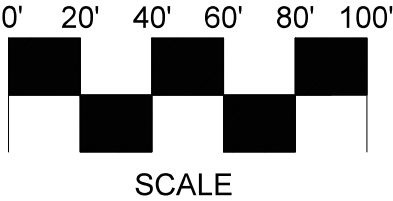
MATCHLINE-STA 02+38
FOR CONTINUATION SEE SHEET 40



MATCHLINE-STA 04+03
FOR CONTINUATION SEE SHEET 42

- NOTE:**
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.**
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.**
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.**
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.**
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.**
 - F. SEAL/CAP ENDS OF ALL CONDUITS.**

 FIBER OPTICS 24" x36" HANDHOLE.

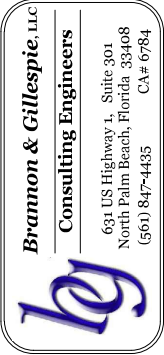


Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

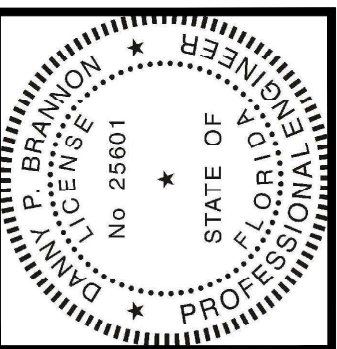
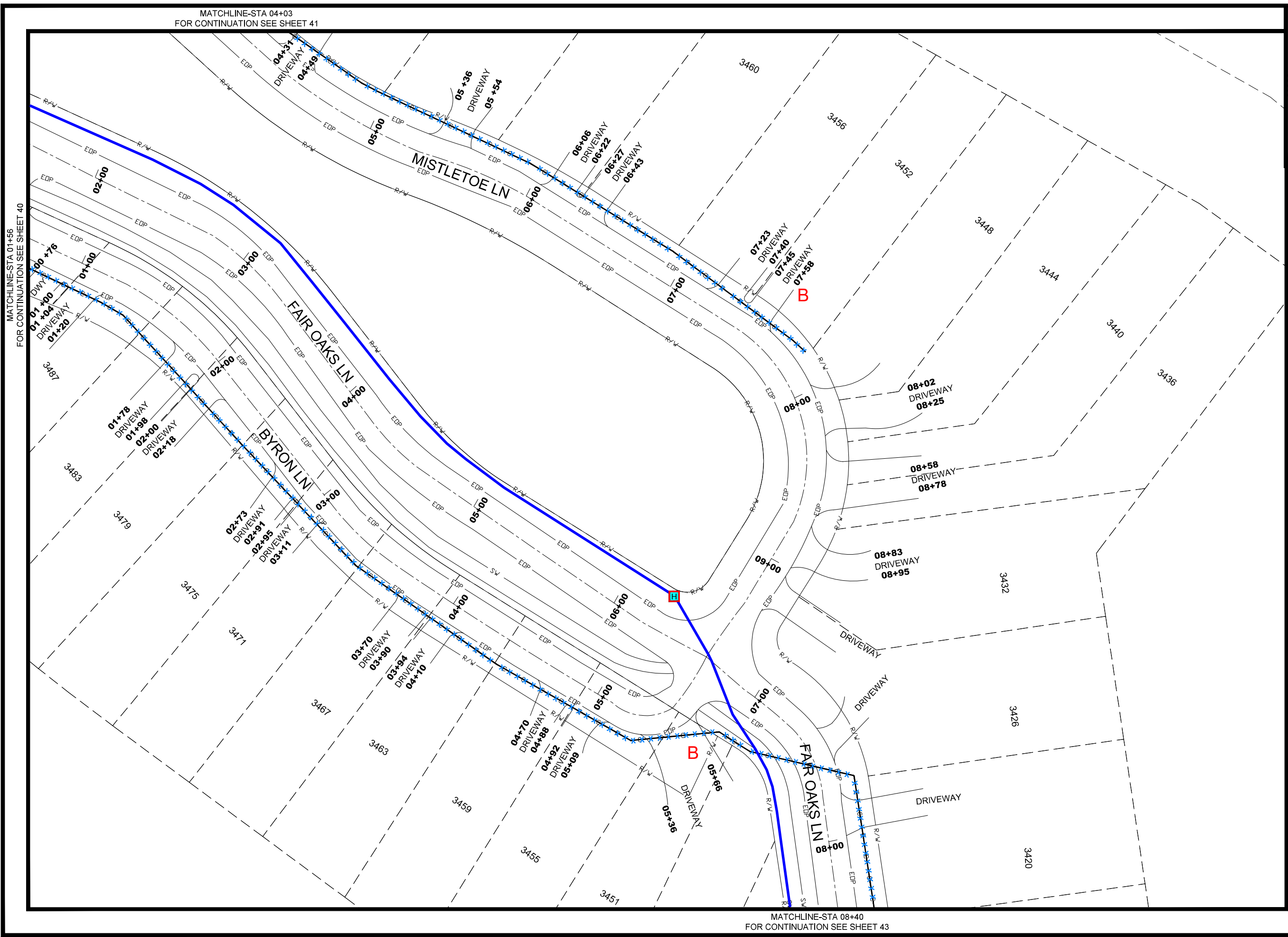


Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet

B41

of Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601

DATE

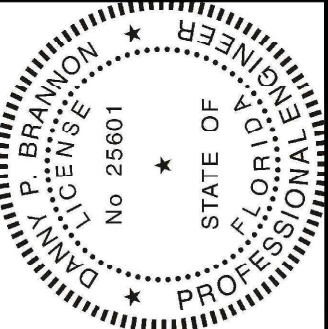
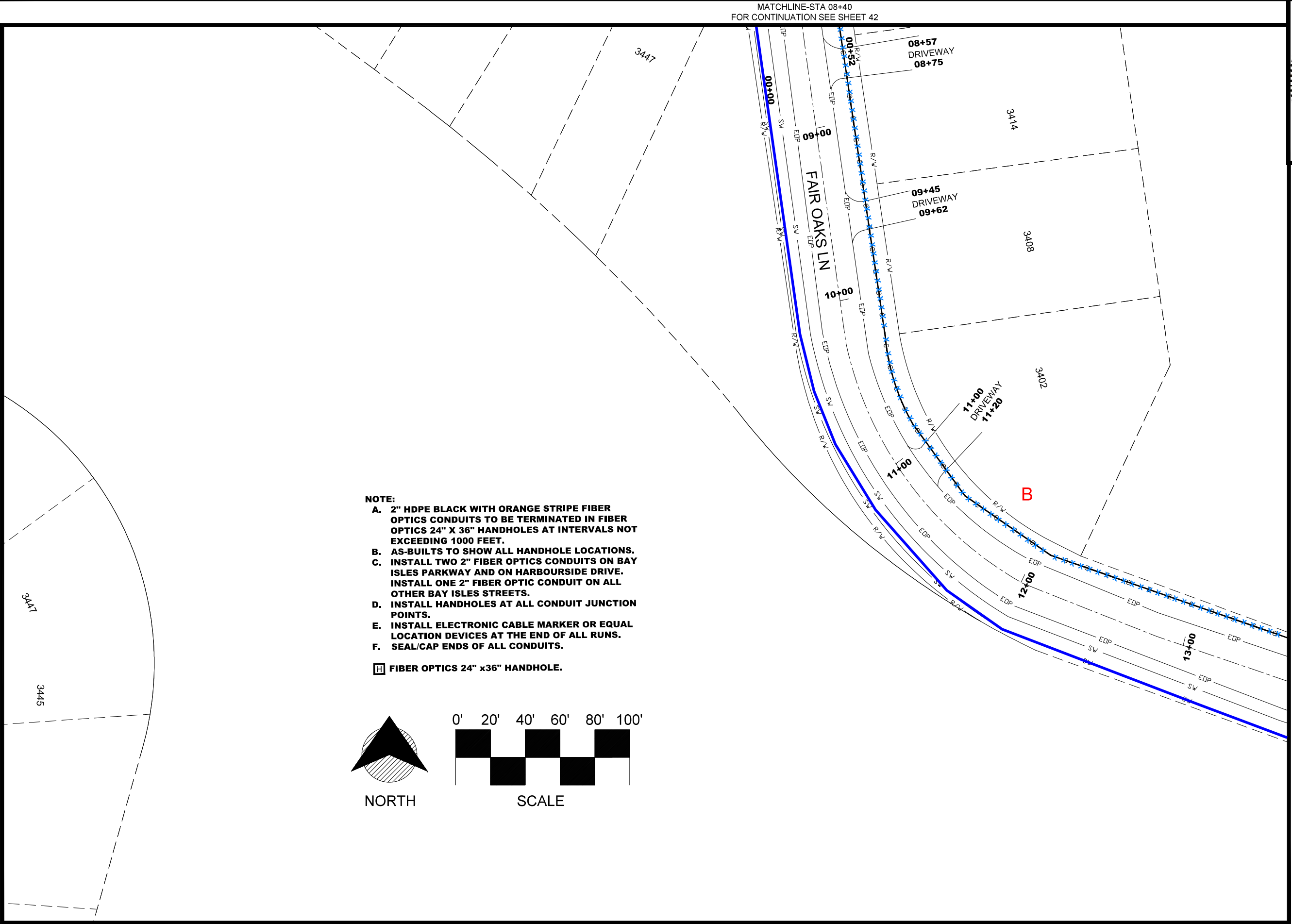
Town of Longboat Key

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

LONGBOAT KEY, FLORIDA

INCORPORATED 1964

Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B42
of	Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

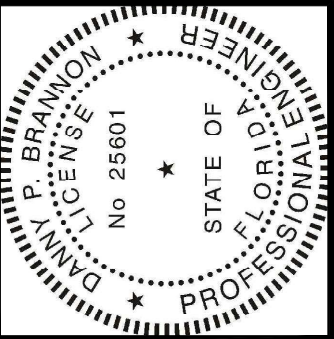
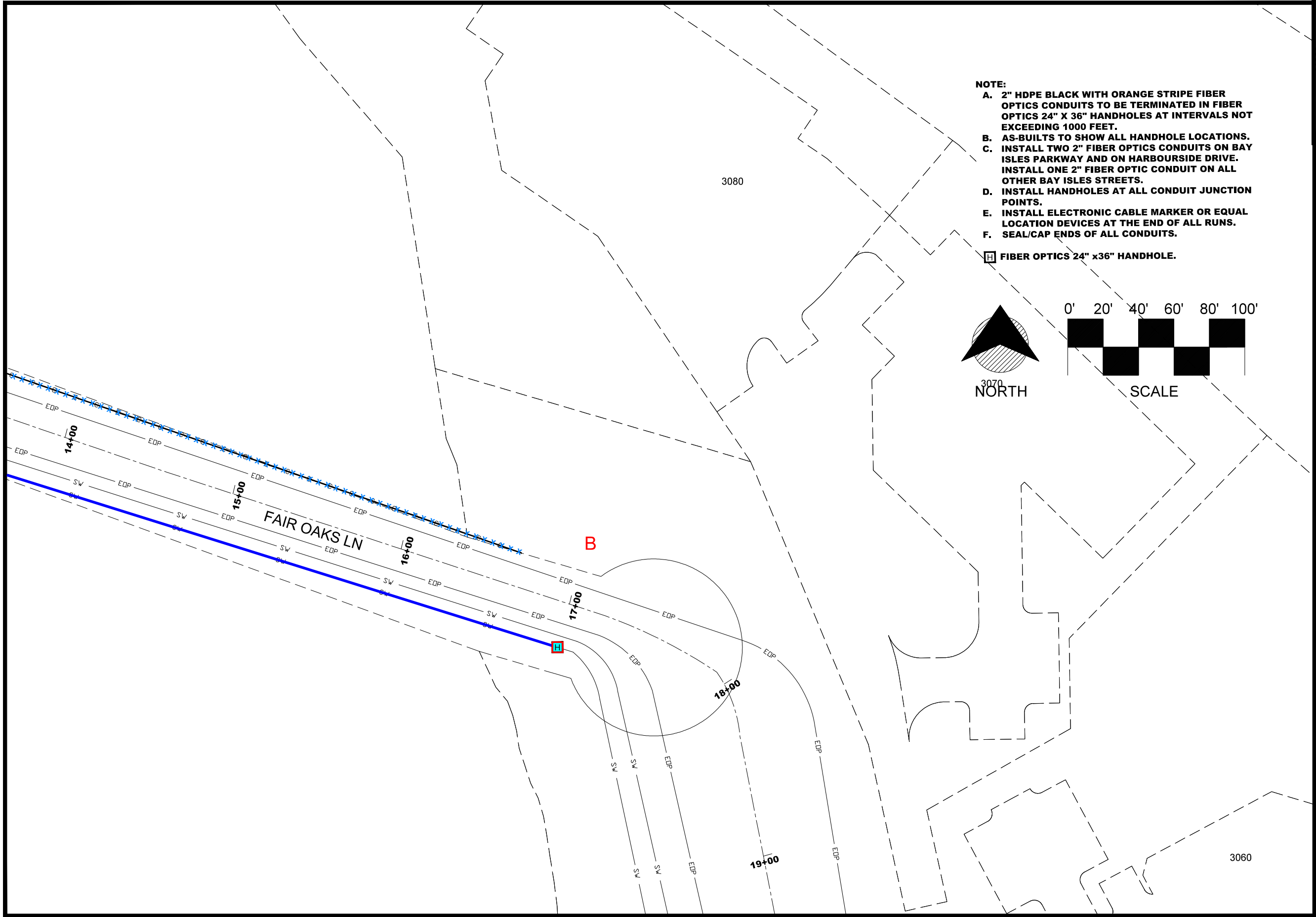


DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK
Sheet
B43
of Sheets

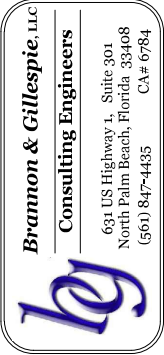
MATCHLINE-STA 13+64
FOR CONTINUATION SEE SHEET 43



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601
DATE

Town of Longboat Key

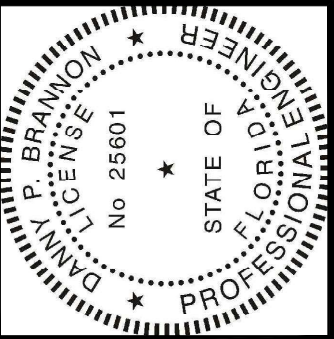
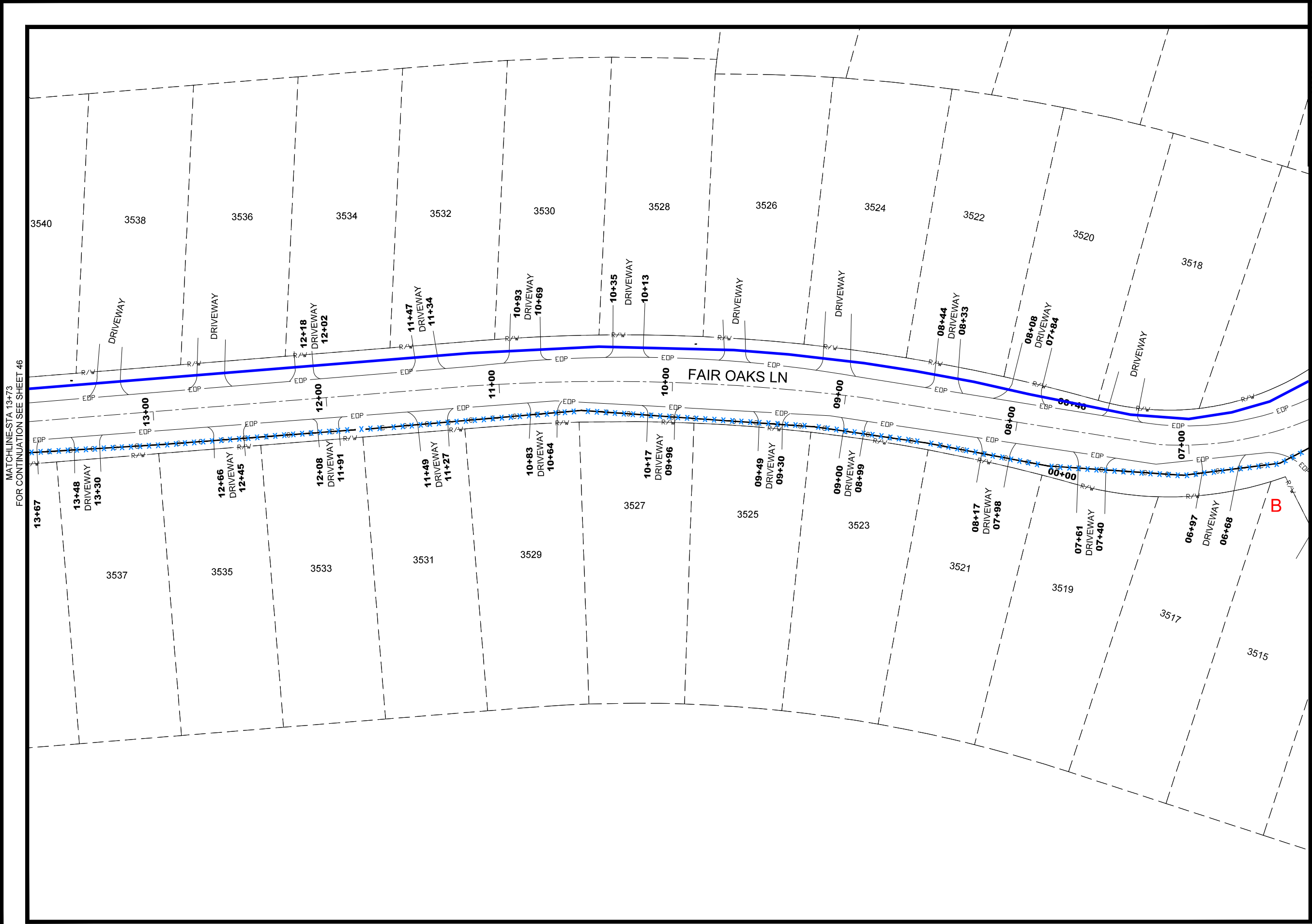


DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B44
of Sheets



Digitally signed by
Danny P Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P. E.
FLORIDA P. E. NO. 25601

DATE

MATCHLINE-STA 06+28
FOR CONTINUATION SEE SHEET 40

Town of Longboat Key

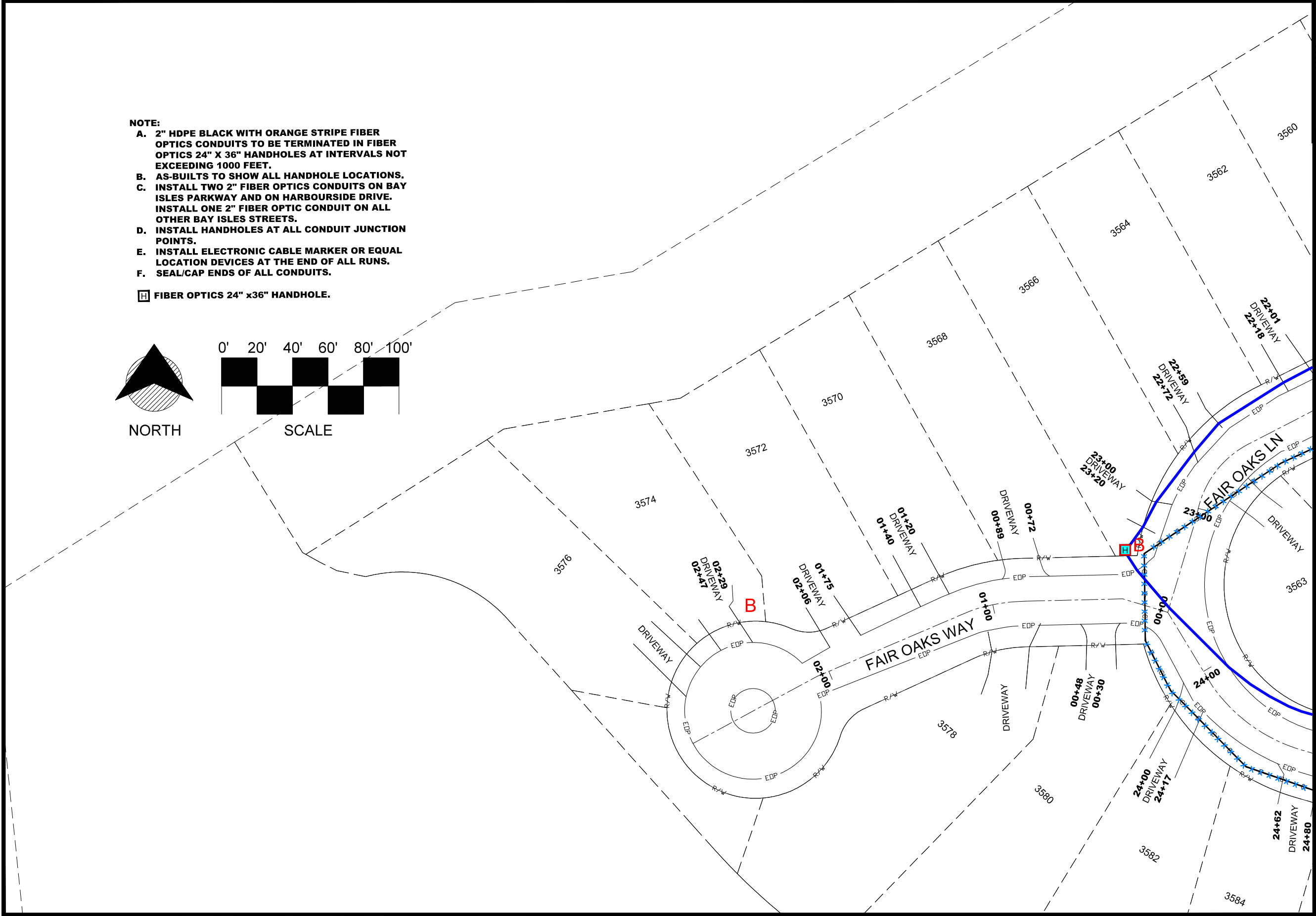
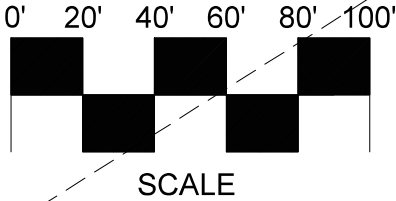


DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA



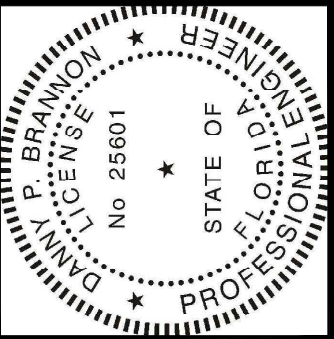
Date:	12/01/2020
Scale:	AS NOTED
Drawn:	DPB
Checked:	DPB
Job #	2014-LBK
Sheet	B45
of	Sheets

- NOTE:
- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
 - B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
 - C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
 - D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
 - E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
 - F. SEAL/CAP ENDS OF ALL CONDUITS.
-  FIBER OPTICS 24" x36" HANDHOLE.



MATCHLINE-STA 22+11
FOR CONTINUATION SEE SHEET 46

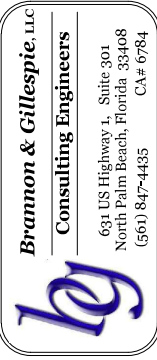
MATCHLINE-STA 24+80
FOR CONTINUATION SEE SHEET 46



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P.E. NO. 25601

DATE



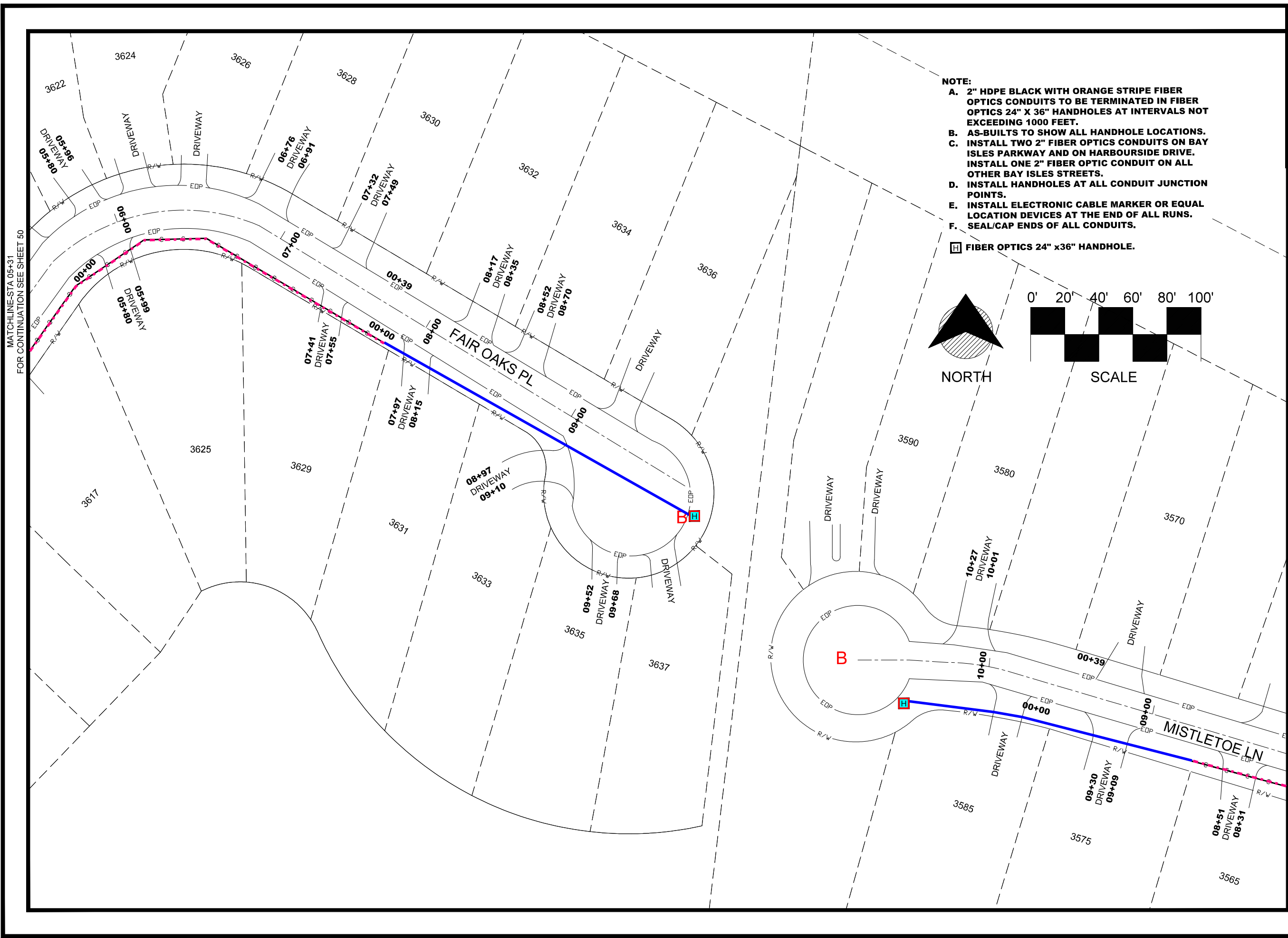
DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B47

of Sheets



Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key

DRAWINGS FOR:
**FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION**
LONGBOAT KEY, FLORIDA

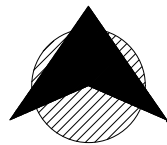
Brannon & Gillespie, LLC
Consulting Engineers
631 US Highway 1, Suite 301
North Palm Beach, Florida 33408
(561) 847-4435 CA# 6784

Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job #: 2014-LBK
Sheet
B49
of Sheets

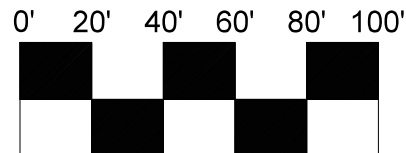
NOTE:

- A. 2" HDPE BLACK WITH ORANGE STRIPE FIBER OPTICS CONDUITS TO BE TERMINATED IN FIBER OPTICS 24" X 36" HANDHOLES AT INTERVALS NOT EXCEEDING 1000 FEET.
- B. AS-BUILTS TO SHOW ALL HANDHOLE LOCATIONS.
- C. INSTALL TWO 2" FIBER OPTICS CONDUITS ON BAY ISLES PARKWAY AND ON HARBOURSIDE DRIVE. INSTALL ONE 2" FIBER OPTIC CONDUIT ON ALL OTHER BAY ISLES STREETS.
- D. INSTALL HANDHOLES AT ALL CONDUIT JUNCTION POINTS.
- E. INSTALL ELECTRONIC CABLE MARKER OR EQUAL LOCATION DEVICES AT THE END OF ALL RUNS.
- F. SEAL/CAP ENDS OF ALL CONDUITS.

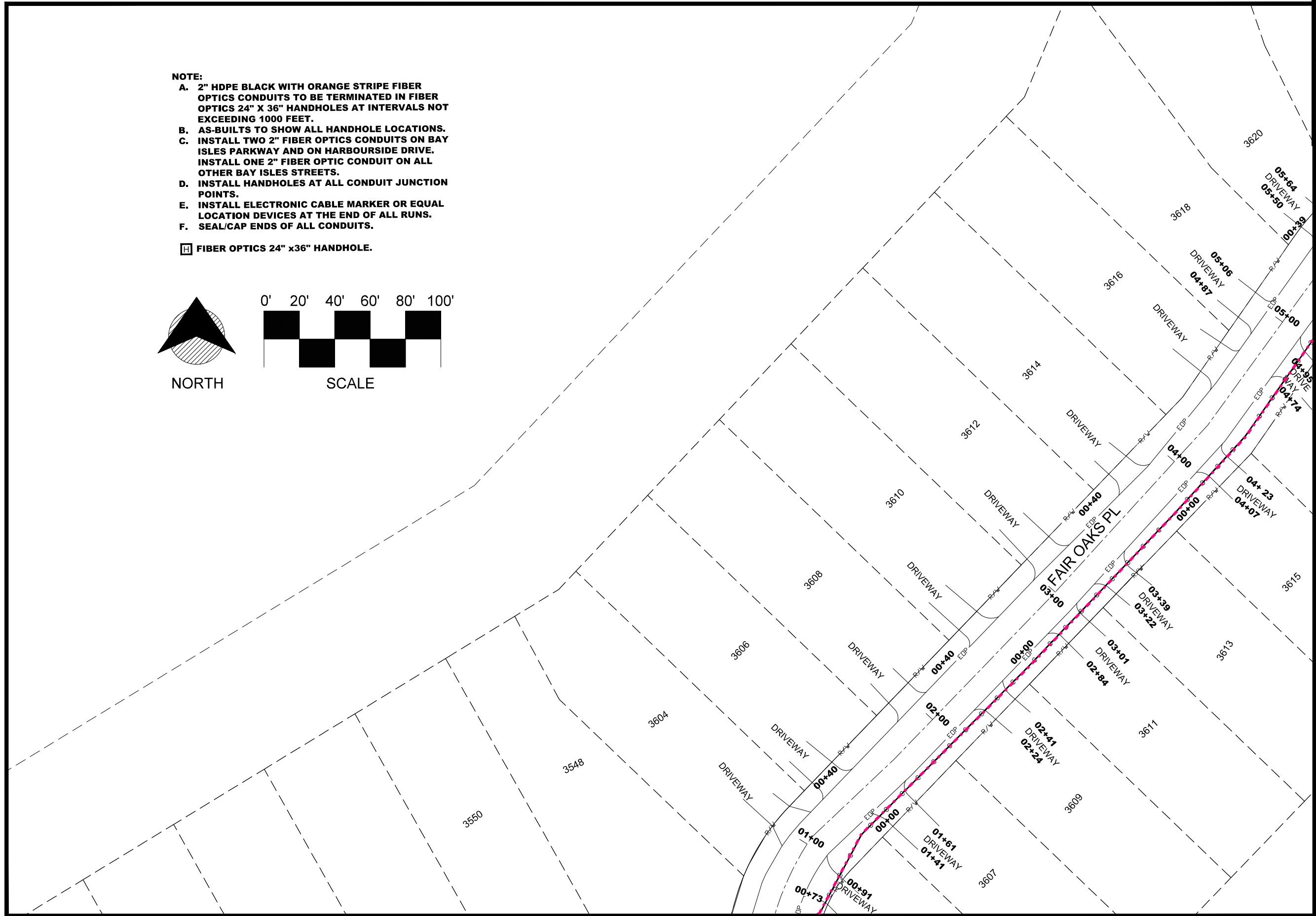
 FIBER OPTICS 24" x36" HANDHOLE.



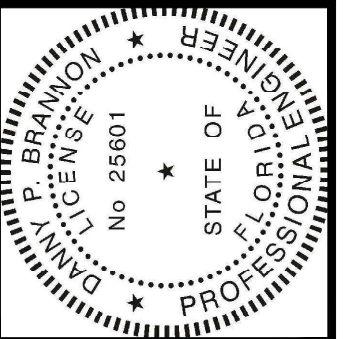
NORTH



SCALE



MATCHLINE-STA 00+56
FOR CONTINUATION SEE SHEET 46



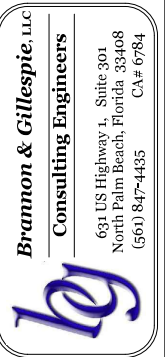
MATCHLINE-STA 05+31
FOR CONTINUATION SEE SHEET 49

Digitally signed by
Danny P. Brannon
Date: 2021.05.06
17:22:09 -04'00'

DANNY P. BRANNON, P.E.
FLORIDA P. E. NO. 25601

DATE

Town of Longboat Key



DRAWINGS FOR:
FIBER OPTIC AND STREET
LIGHTING UTILITY
PHASE 3 CONSTRUCTION
LONGBOAT KEY, FLORIDA



Date: 12/01/2020
Scale: AS NOTED
Drawn: DPB
Checked: DPB
Job # 2014-LBK

Sheet
B50

of Sheets