

INSTALLATION OF TOWN OWNED PATHWAY LIGHTING FACILITIES

END LOCATION
STATE ROAD 789
SECTION 13080000
MILE POST 3.822

DRAWING LEGEND

COVER

SHEET KEY MAP: 1-2

SHEET 1-39: CONSTRUCTION PLANS

C1-SECTION DETAILS

D1- GMD POLE DETAIL

D2- POLE WIRING DETAIL

D3- PANEL RACK DETAIL

Longboat Key

Bayshore

Allevast

301

789

Sarasota

STARTING LOCATION
START STATE ROAD
789
SECTION 17030401
MILE POST .648



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



811 TICKET #: 204504315,
204504091, 20404879, 20450579,
204505335



Know what's below.
Call before you dig.

REVISIONS

	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

DATE: 09/09/25

SCALE: N.T.S.

DRAWN BY: KJW

DESIGNED BY: AKD

SHEET:

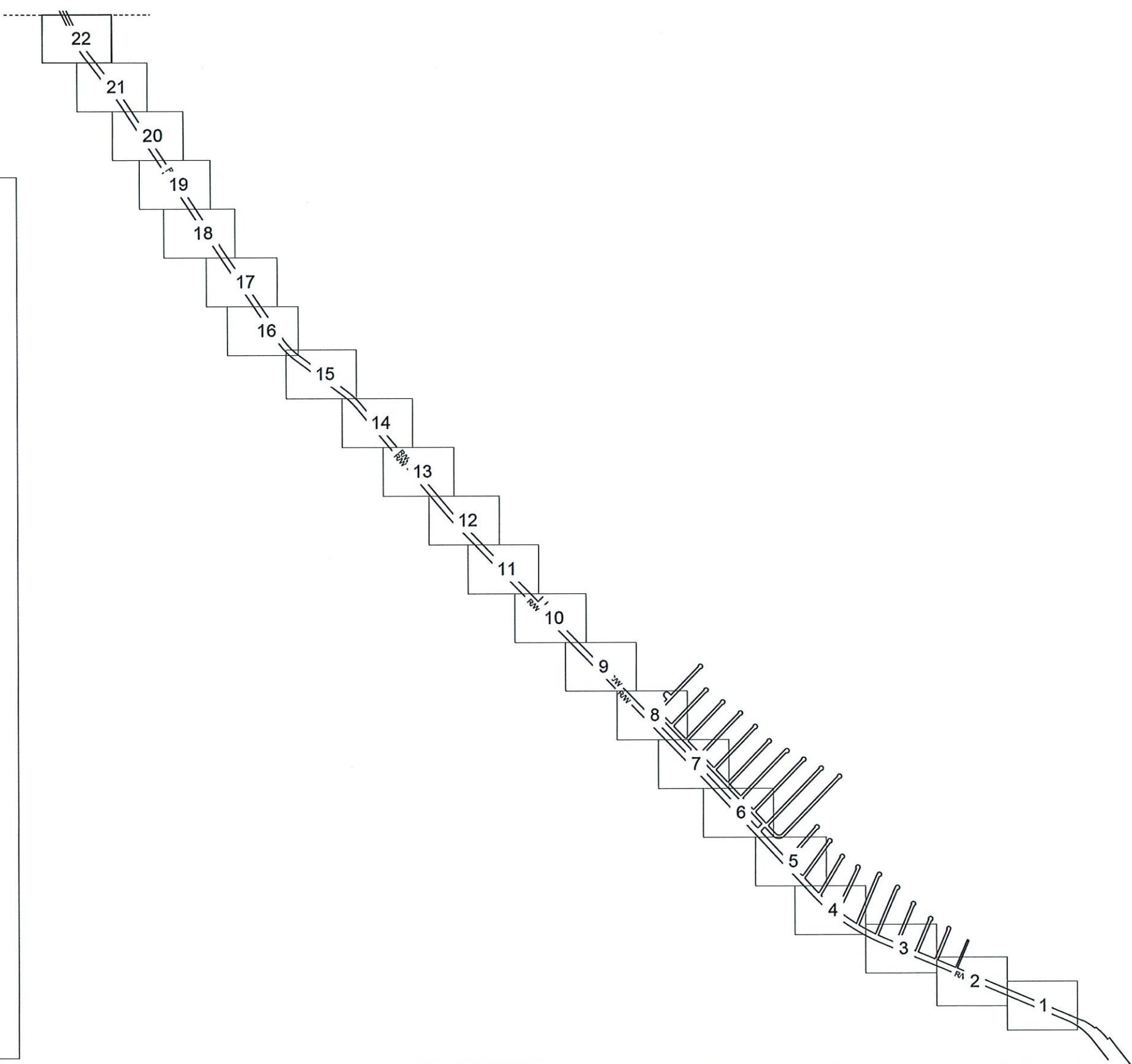
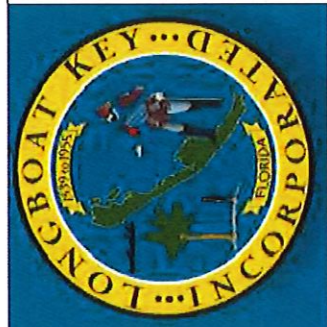
COVER



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



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 HANDHOLE**

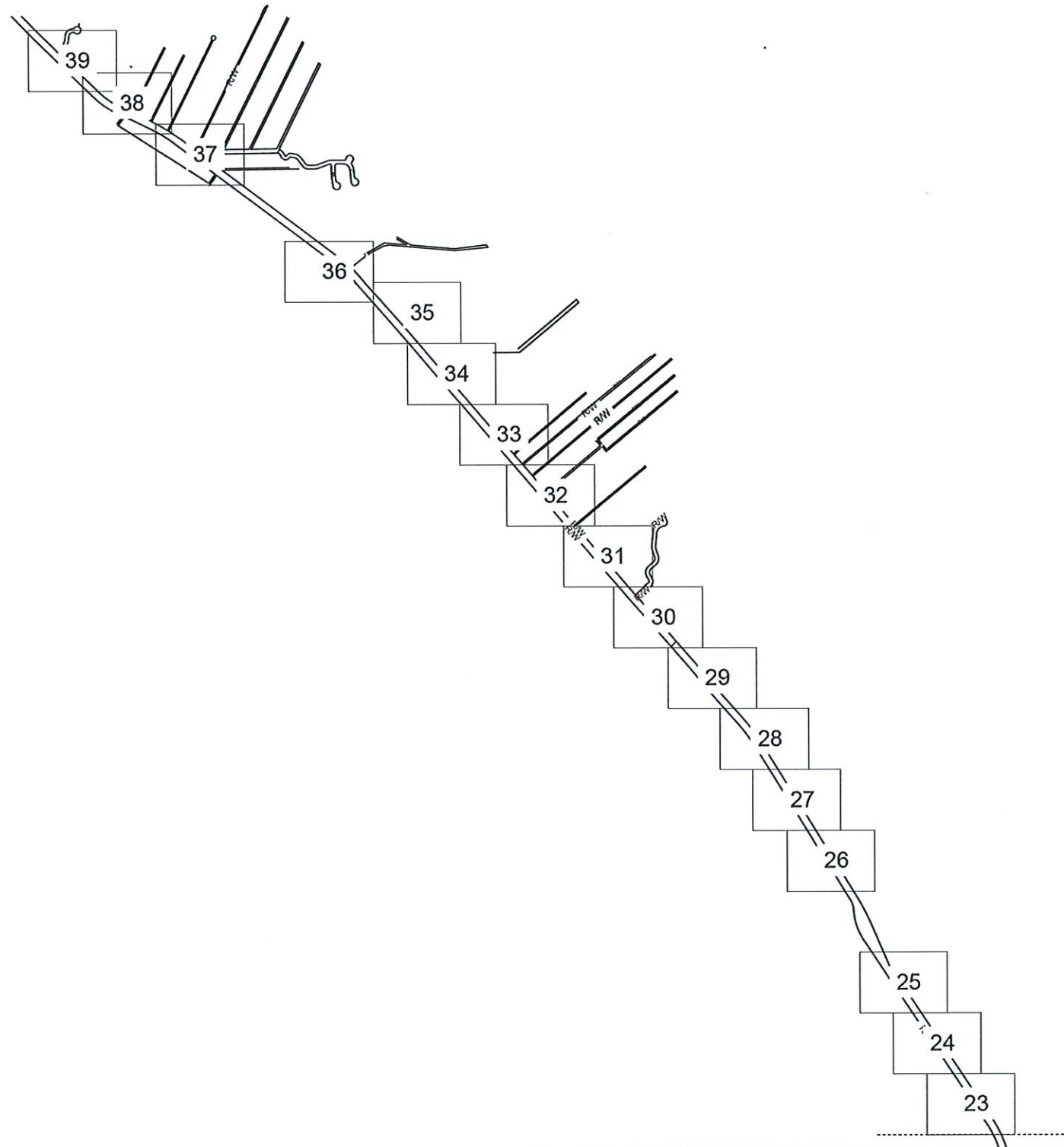


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SHEET: KEY MAP 1

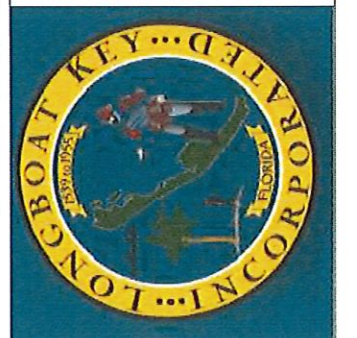


SYMBOL LEGEND	
	CENTERLINE
	EDGE OF PAVEMENT
	RIGHT OF WAY
	SIDEWALK
	PROPOSED CONDUIT
	SANITARY SEWER
	OVERHEAD LINES
	PROPERTY LINES
	SURVEY CONTROL POINT
	CONCRETE MONUMENT FOUND
	IRON PIPE FOUND
	IRON ROD FOUND
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	UTILITY POLE (WOOD)
	UTILITY POLE (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 HANDHOLE

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
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CONSTRUCTION

LONGBOAT KEY, FLORIDA



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SHEET:

KEY MAP 2



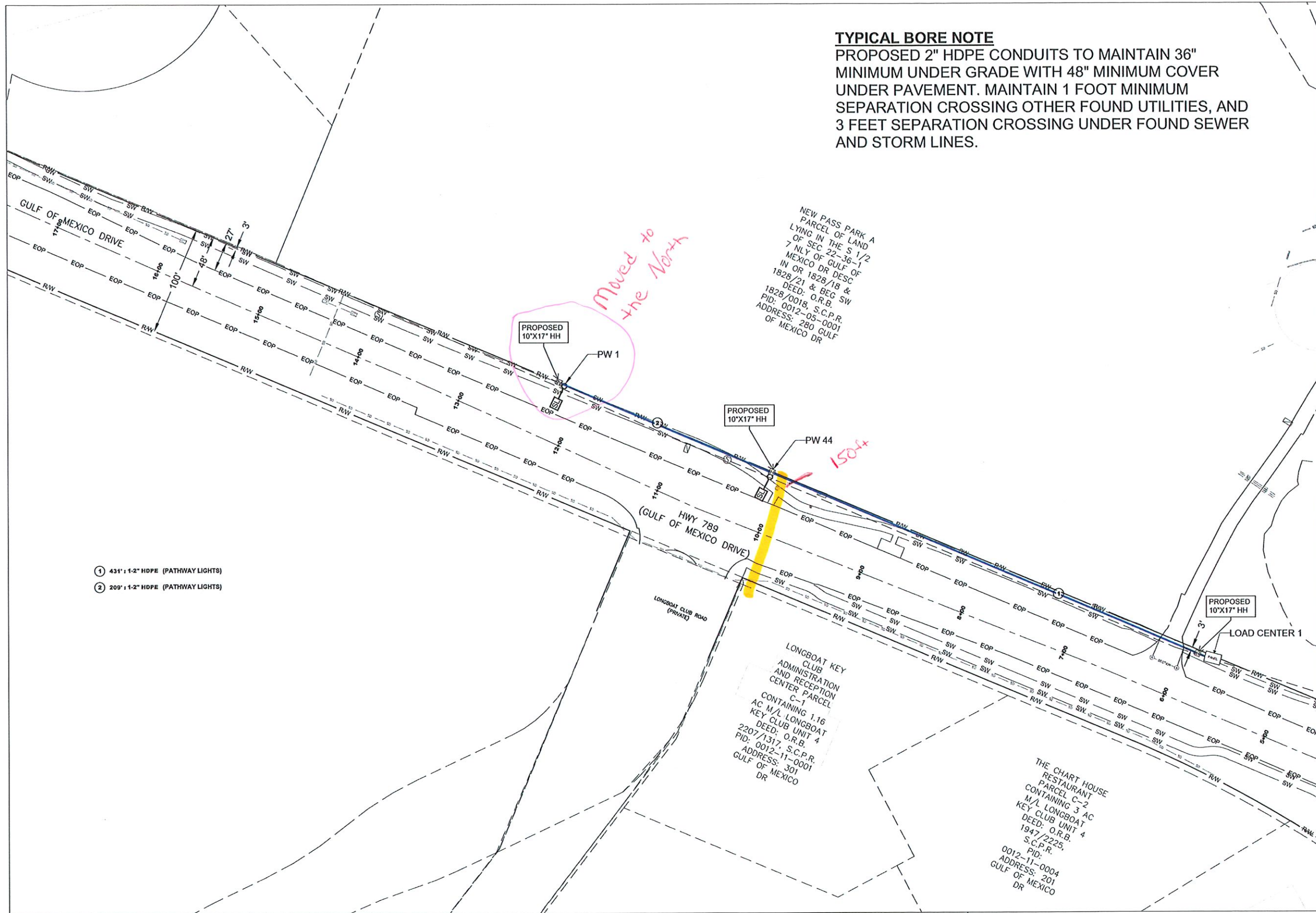
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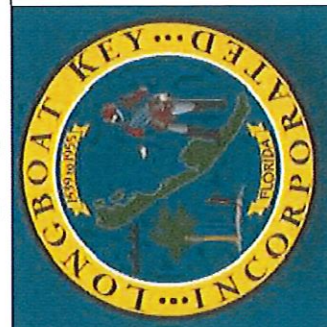
TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36"
MINIMUM UNDER GRADE WITH 48" MINIMUM COVER
UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM
SEPARATION CROSSING OTHER FOUND UTILITIES, AND
3 FEET SEPARATION CROSSING UNDER FOUND SEWER
AND STORM LINES.



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

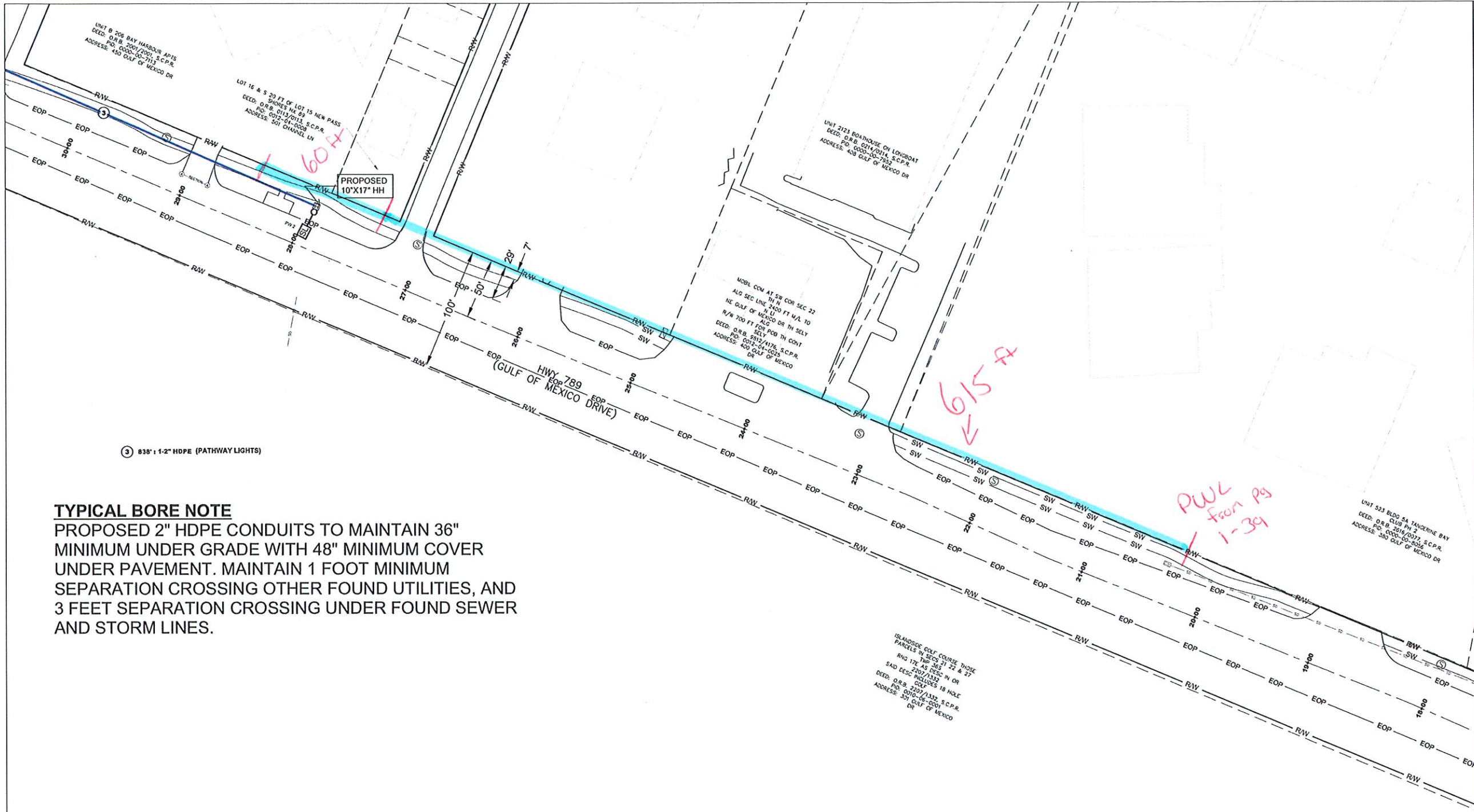


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DRAWN BY:	KJW
DESIGNED BY:	AKD
SHEET:	1 OF 39



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



3 838' ± 1-2" HDPE (PATHWAY LIGHTS)

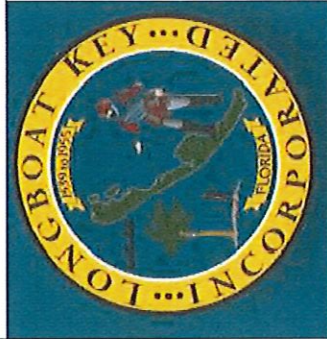
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PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

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PATHWAY LIGHTING UTILITY
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LONGBOAT KEY, FLORIDA

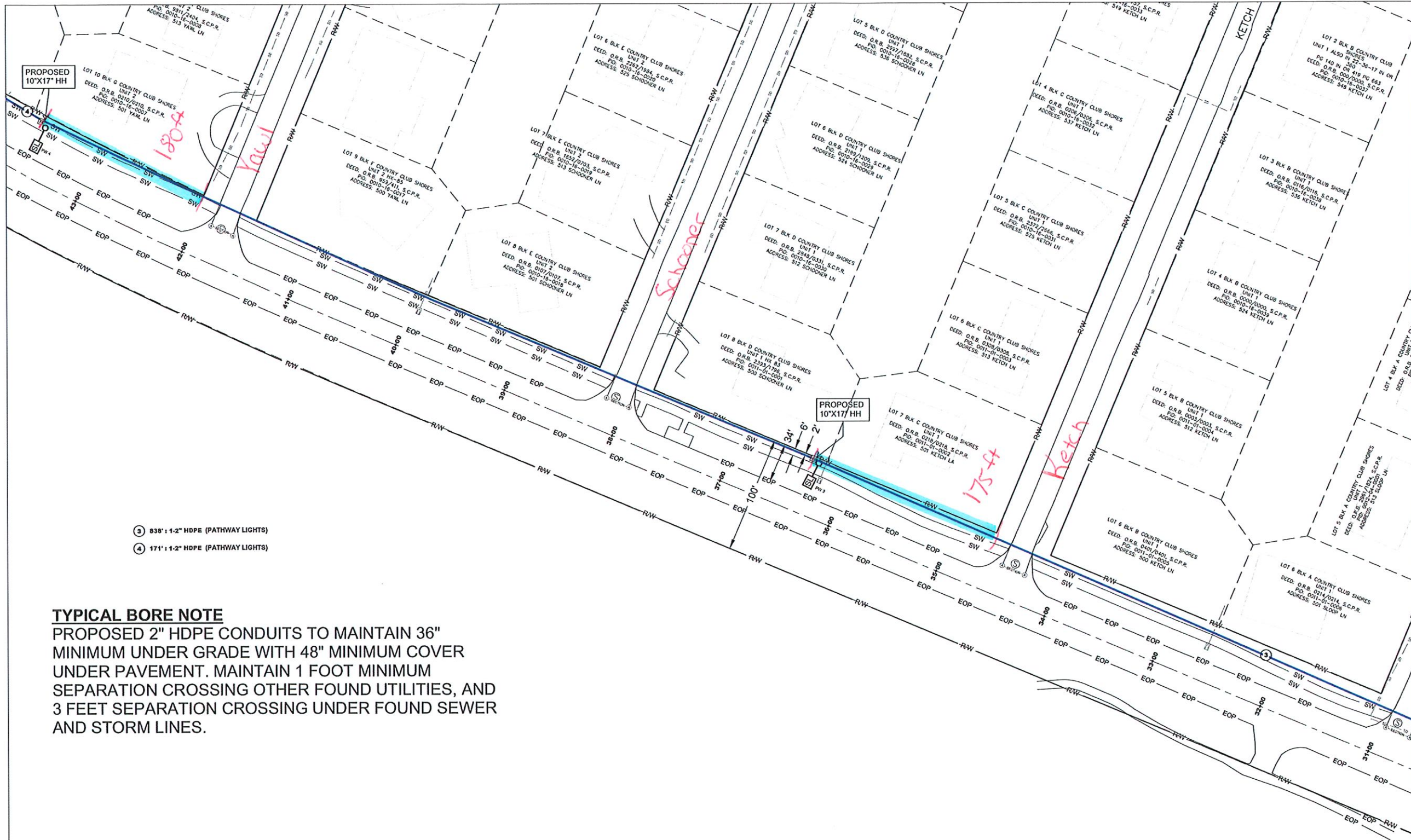


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DRAWN BY:	KJW
DESIGNED BY:	AKD
SHEET:	2 OF 39



CONSTRUCTION PLAN

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- ③ 838' : 1-2" HDPE (PATHWAY LIGHTS)
- ④ 171' : 1-2" HDPE (PATHWAY LIGHTS)

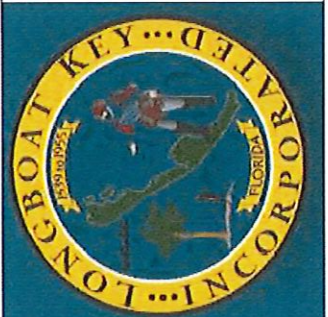
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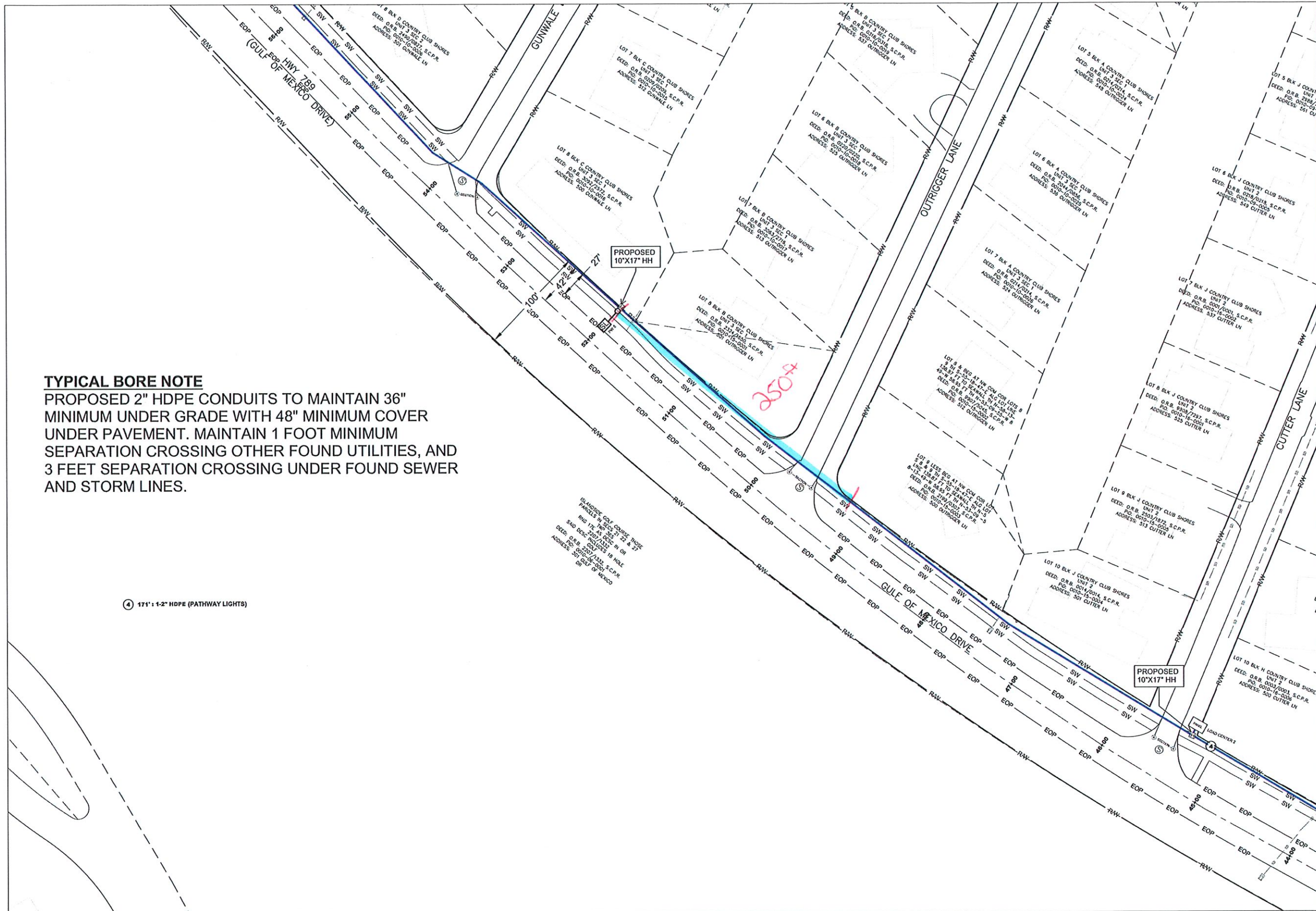
3 OF 39



CONSTRUCTION PLAN

REVISIONS

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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



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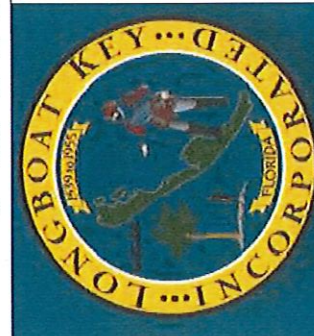
④ 171' 1-2" HDPE (PATHWAY LIGHTS)



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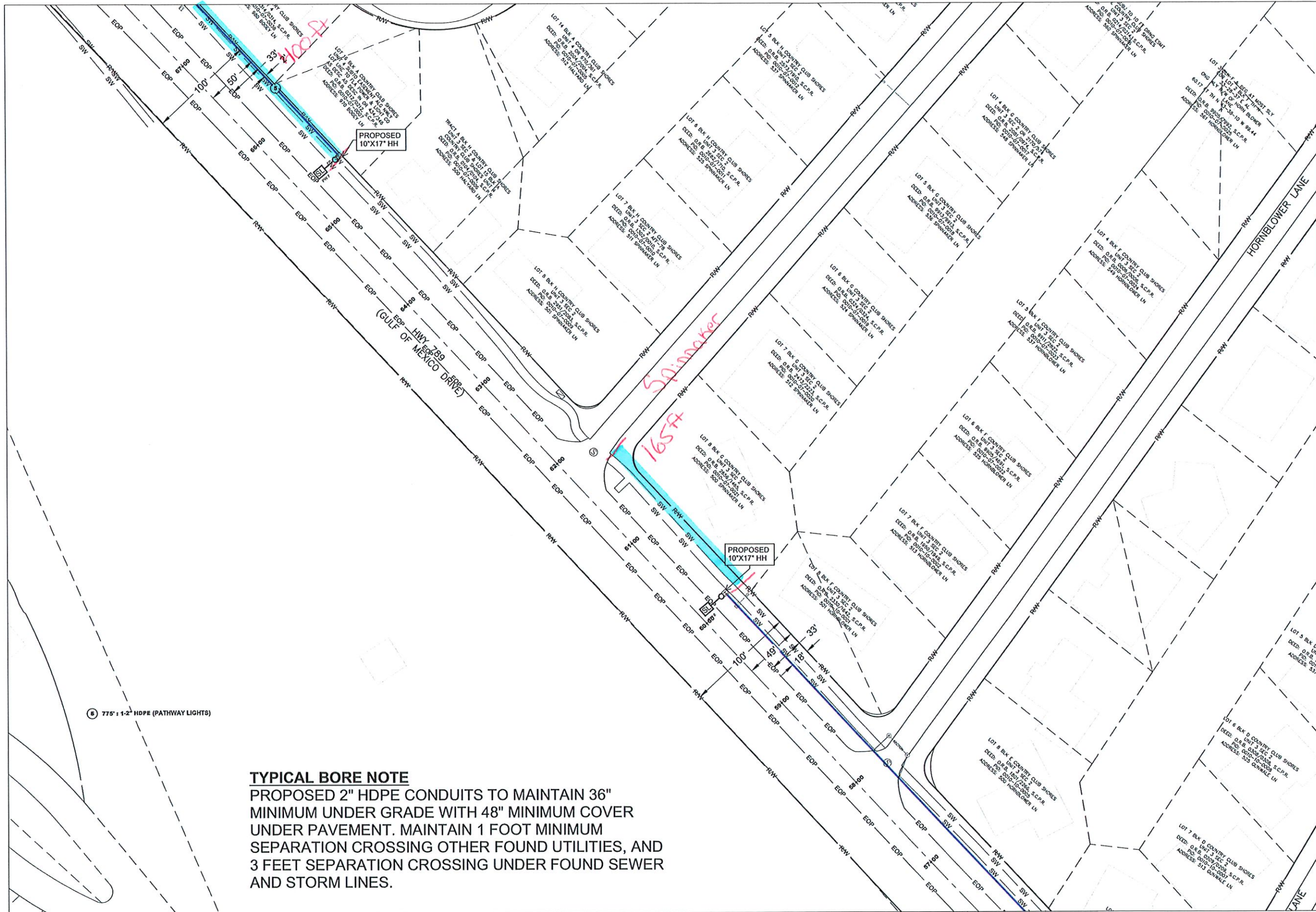
4 OF 39



CONSTRUCTION PLAN

REVISIONS

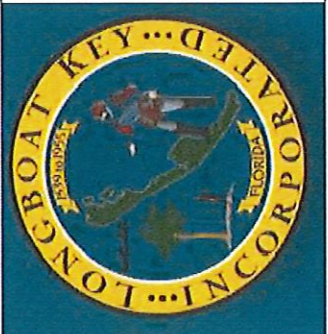
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PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

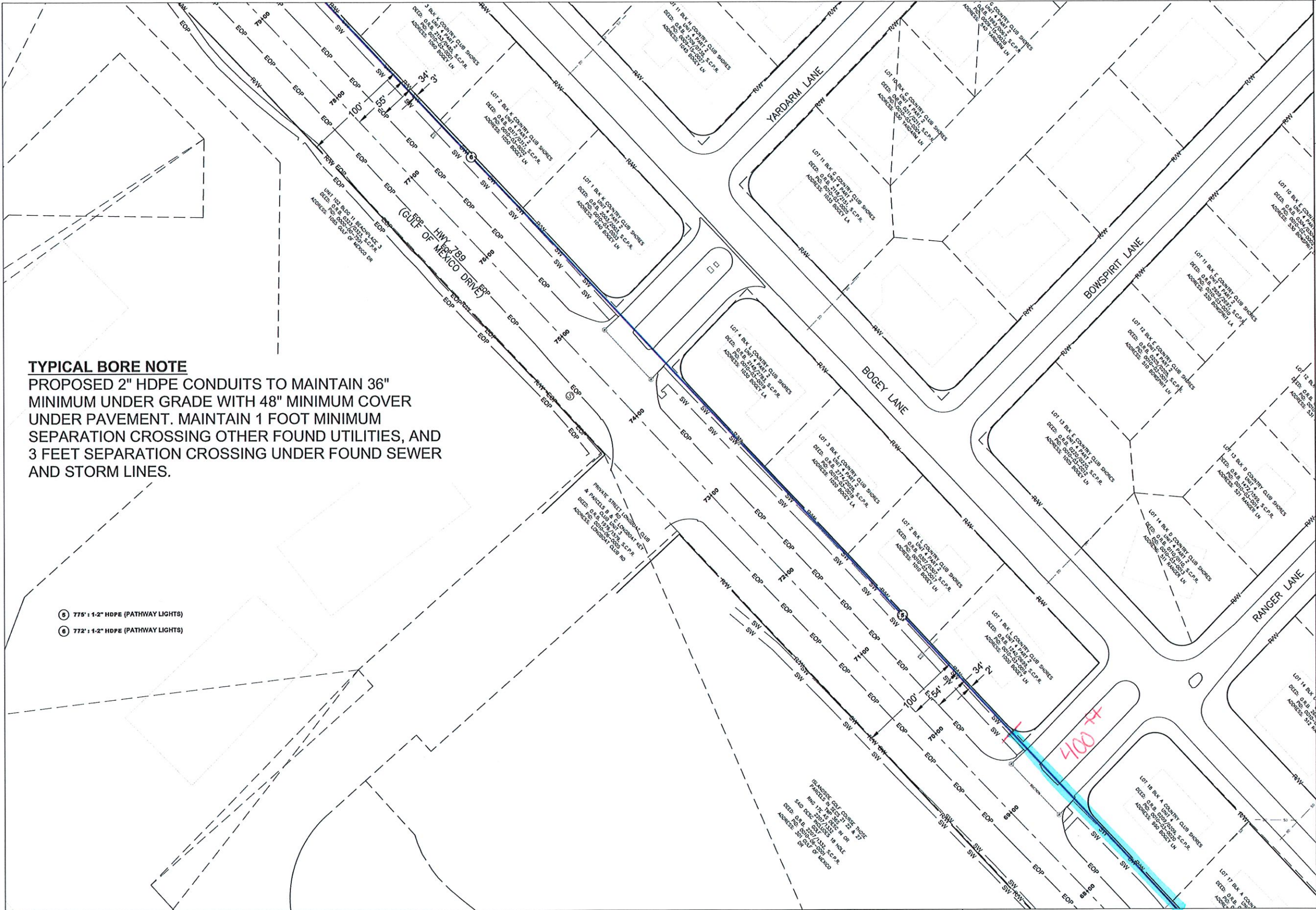


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DESIGNED BY:	AKD
SHEET:	5 OF 39



CONSTRUCTION PLAN

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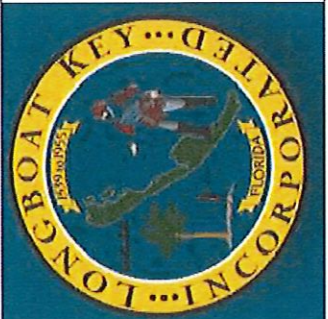
- 775' ± 1-2" HDPE (PATHWAY LIGHTS)
- 772' ± 1-2" HDPE (PATHWAY LIGHTS)



TOWN OF LONGBOAT KEY

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PATHWAY LIGHTING UTILITY
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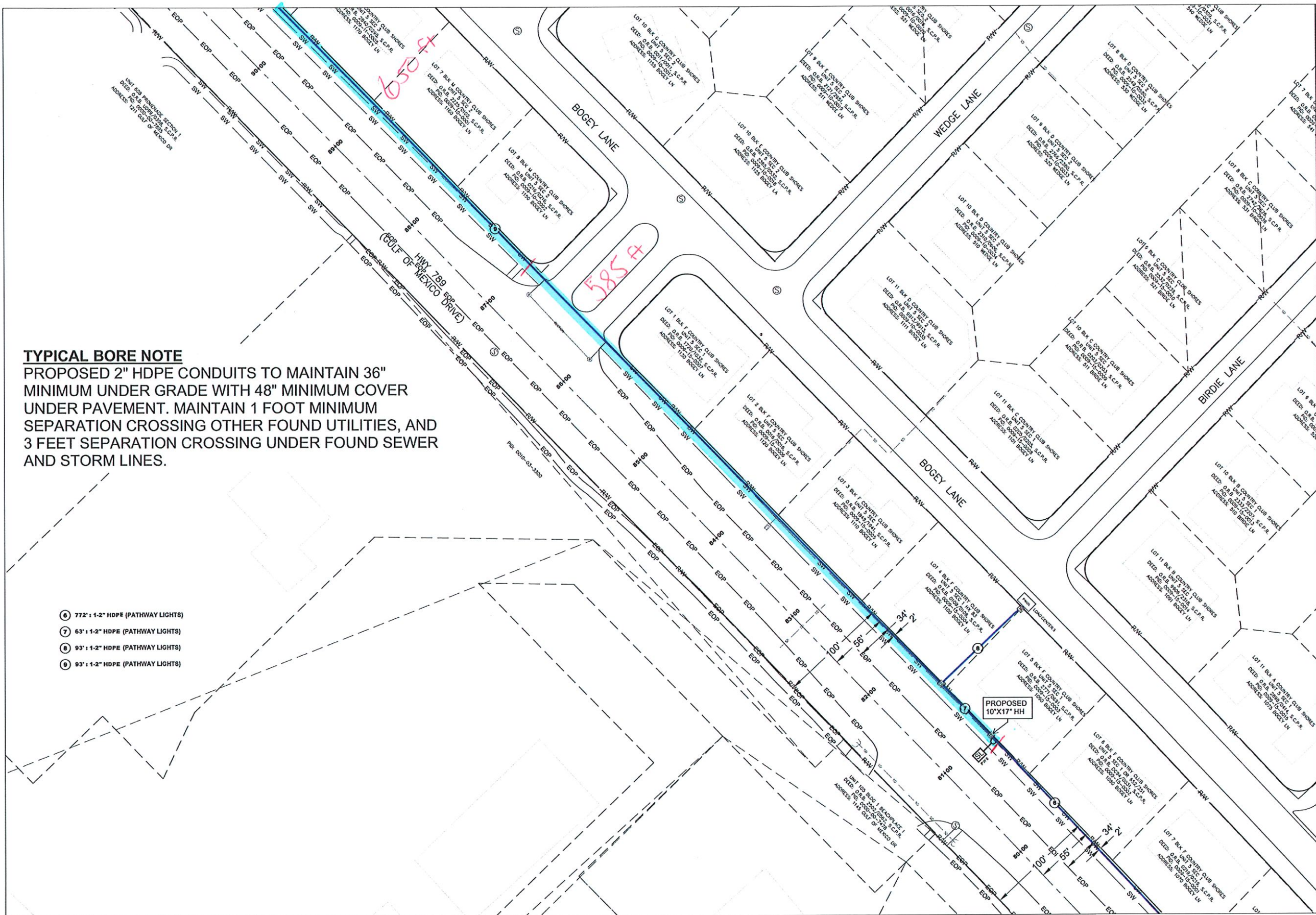
LONGBOAT KEY, FLORIDA



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DRAWN BY: KJW
DESIGNED BY: AKD
SHEET: 6 OF 39



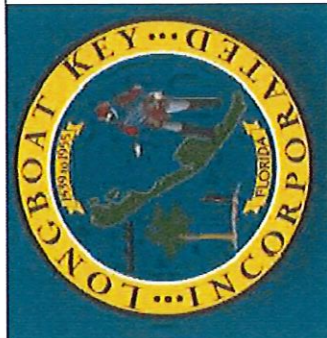
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AND STORM LINES.

- ⑥ 772' ± 1-2" HDPE (PATHWAY LIGHTS)
- ⑦ 63' ± 1-2" HDPE (PATHWAY LIGHTS)
- ⑧ 93' ± 1-2" HDPE (PATHWAY LIGHTS)
- ⑨ 93' ± 1-2" HDPE (PATHWAY LIGHTS)

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
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LONGBOAT KEY, FLORIDA

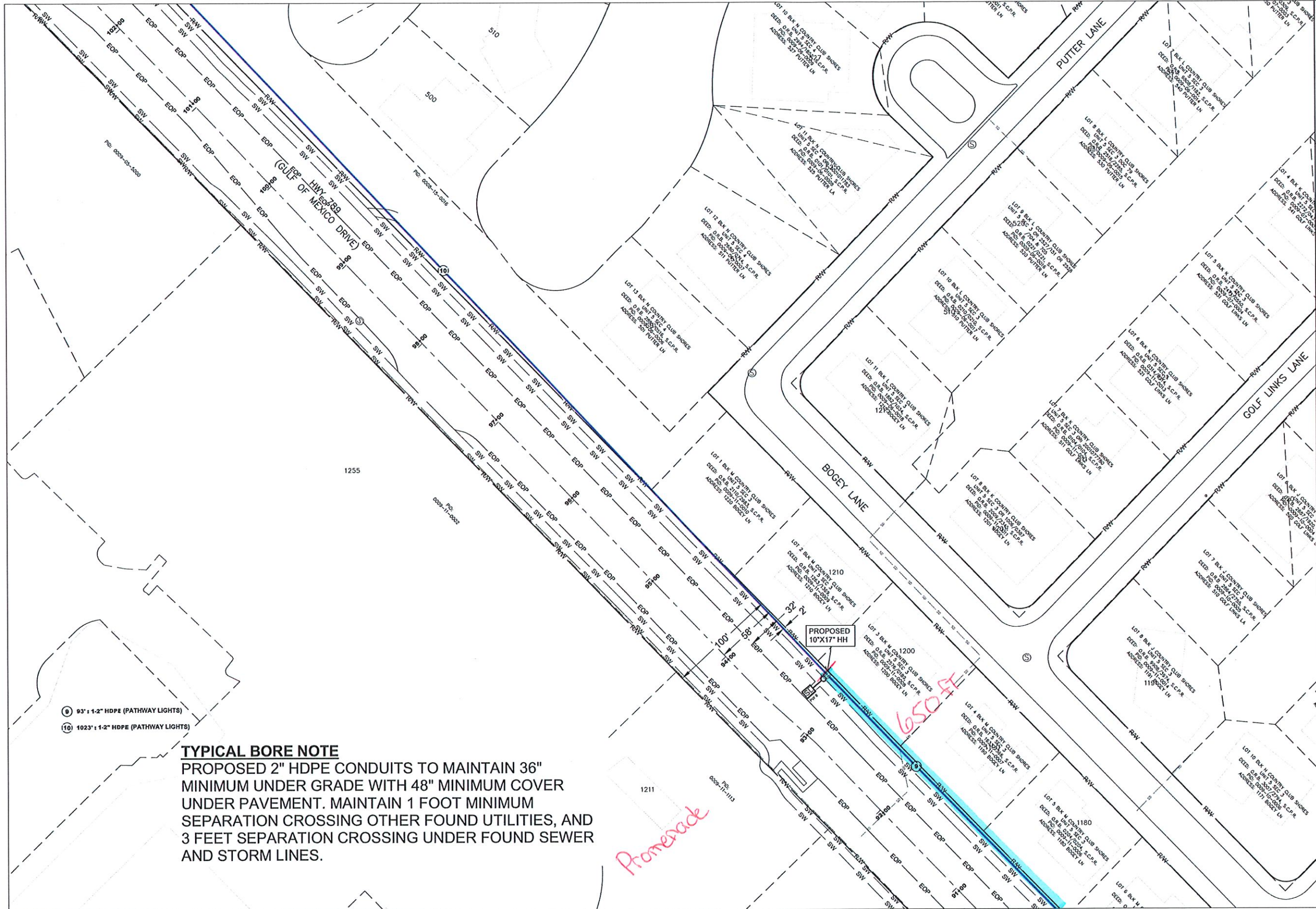


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CONSTRUCTION PLAN

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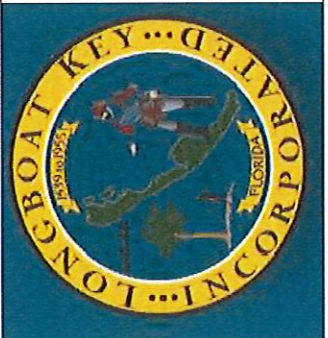


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PATHWAY LIGHTING UTILITY
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LONGBOAT KEY, FLORIDA

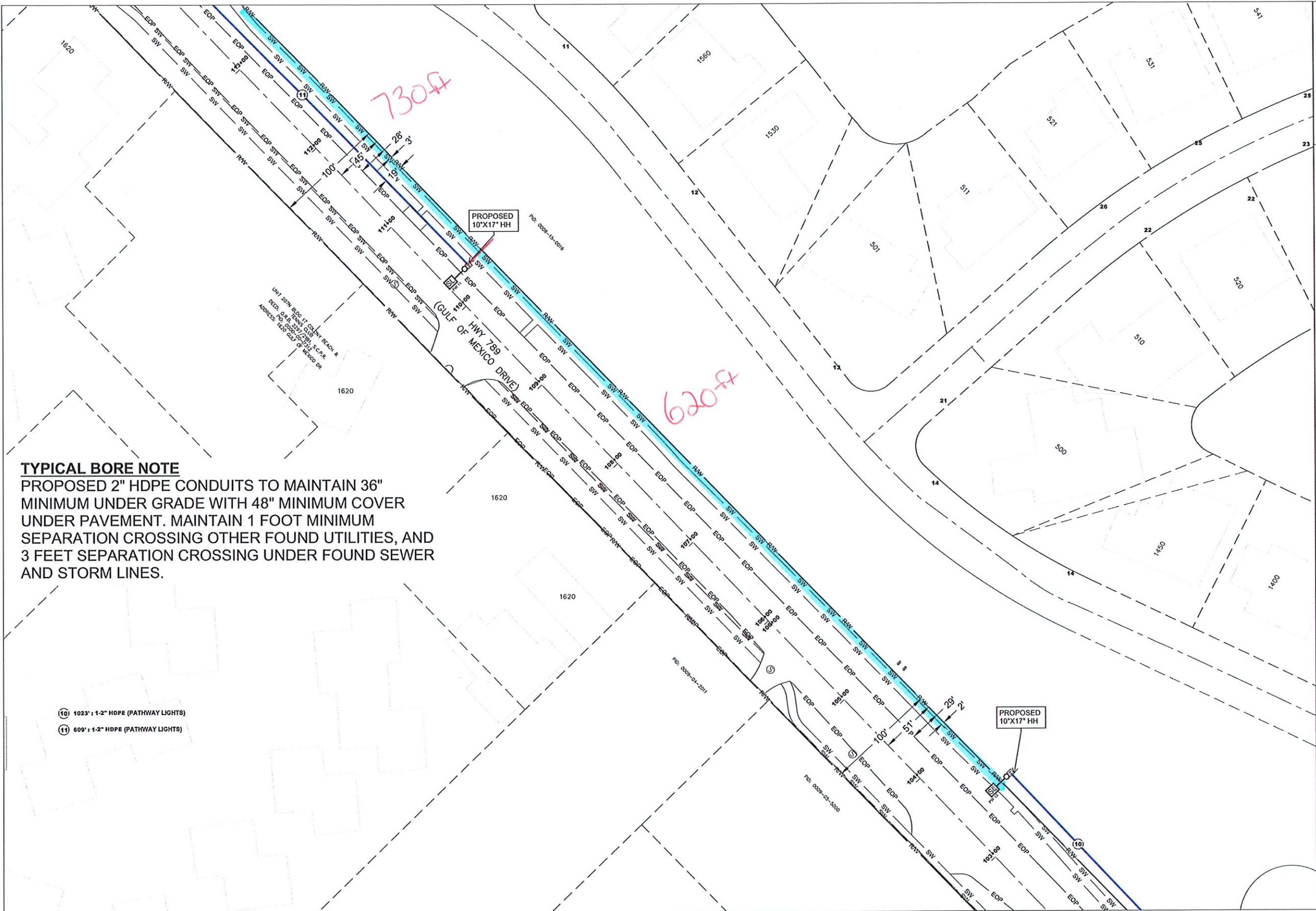


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CONSTRUCTION PLAN

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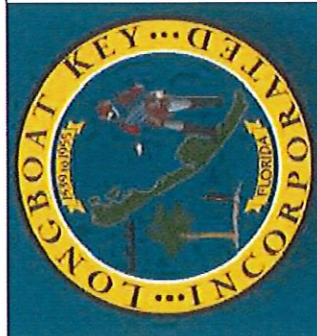
- 10 1023' : 1-2" HDPE (PATHWAY LIGHTS)
- 11 609' : 1-2" HDPE (PATHWAY LIGHTS)



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PATHWAY LIGHTING UTILITY
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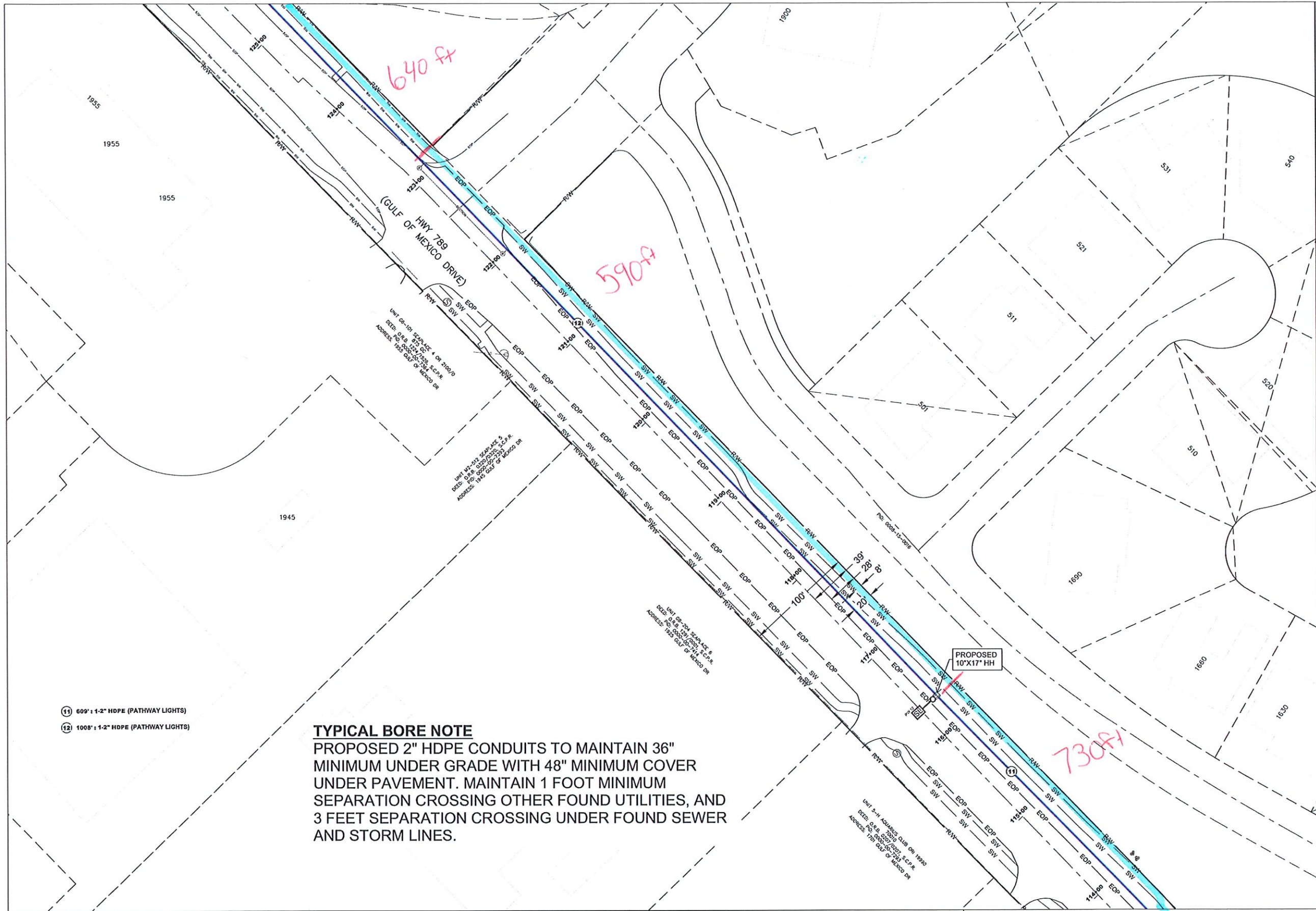
9 OF 39



CONSTRUCTION PLAN

REVISIONS

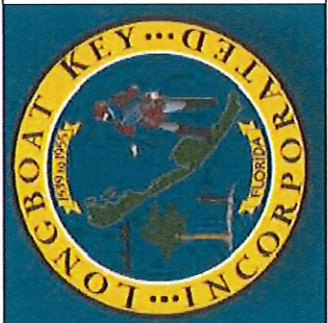
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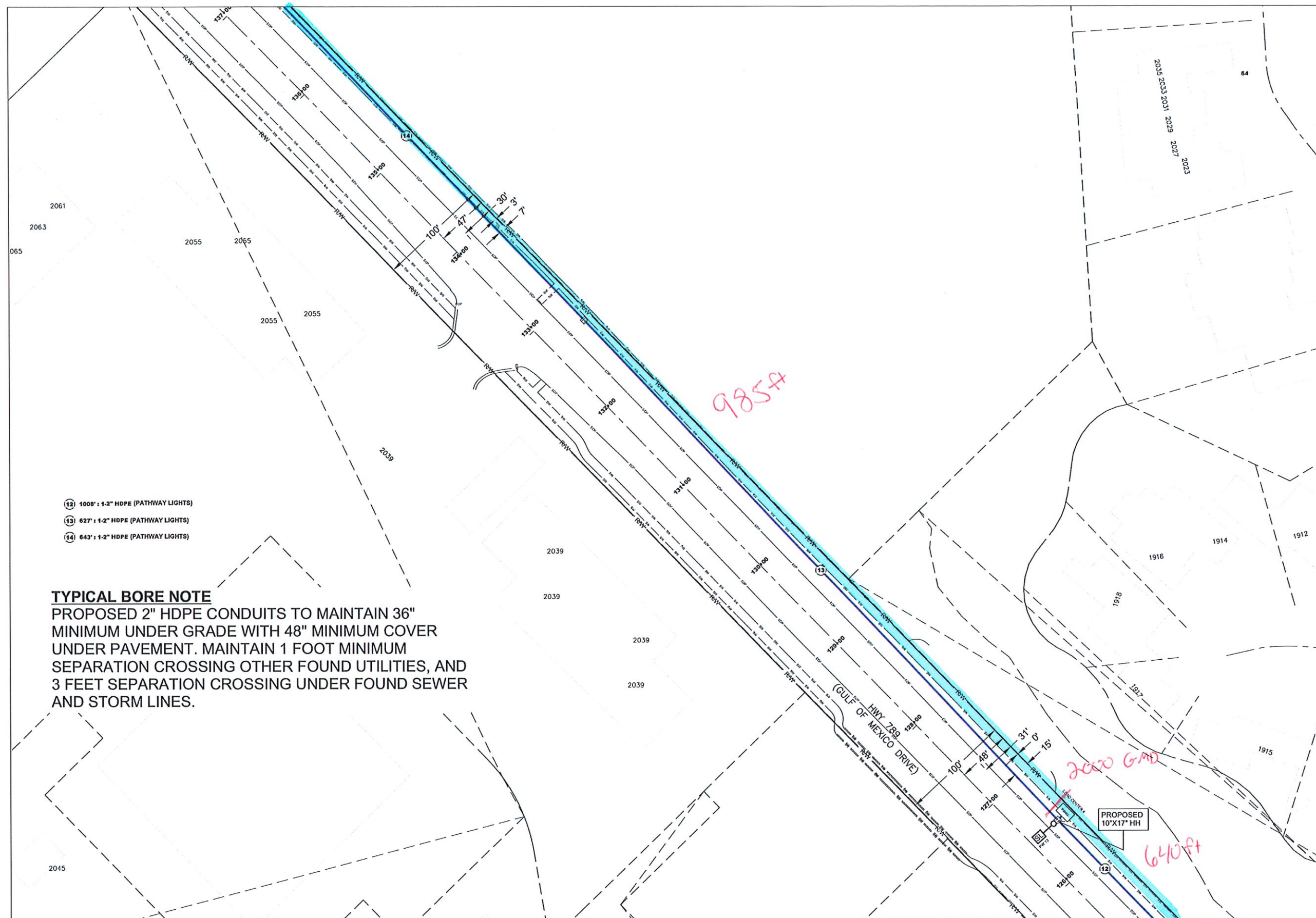


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SHEET:	10 OF 39



CONSTRUCTION PLAN

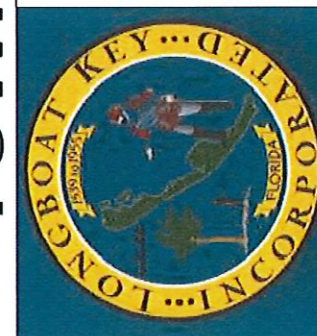
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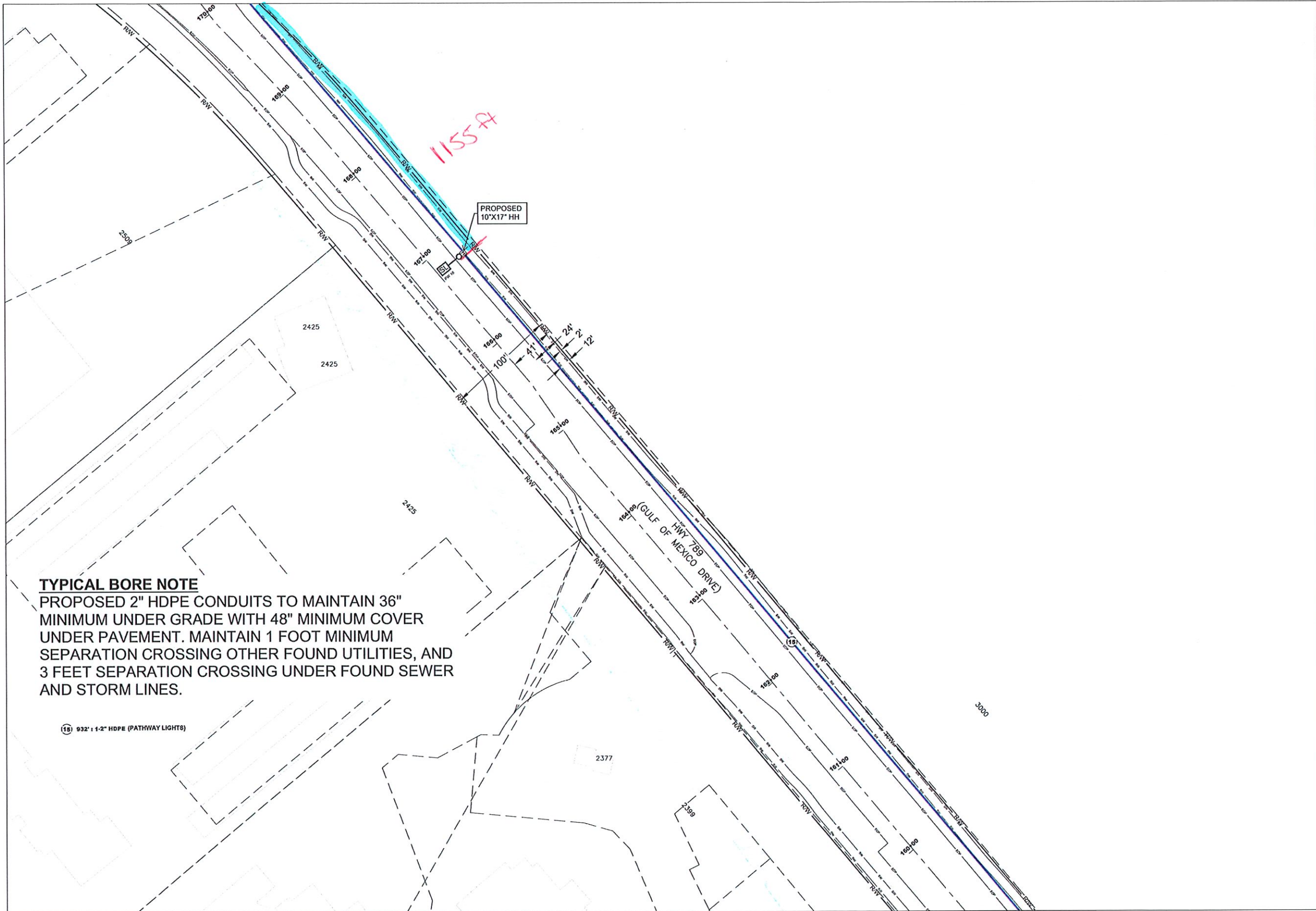
11 OF 39



CONSTRUCTION PLAN

REVISIONS

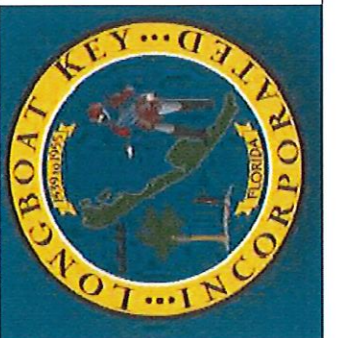
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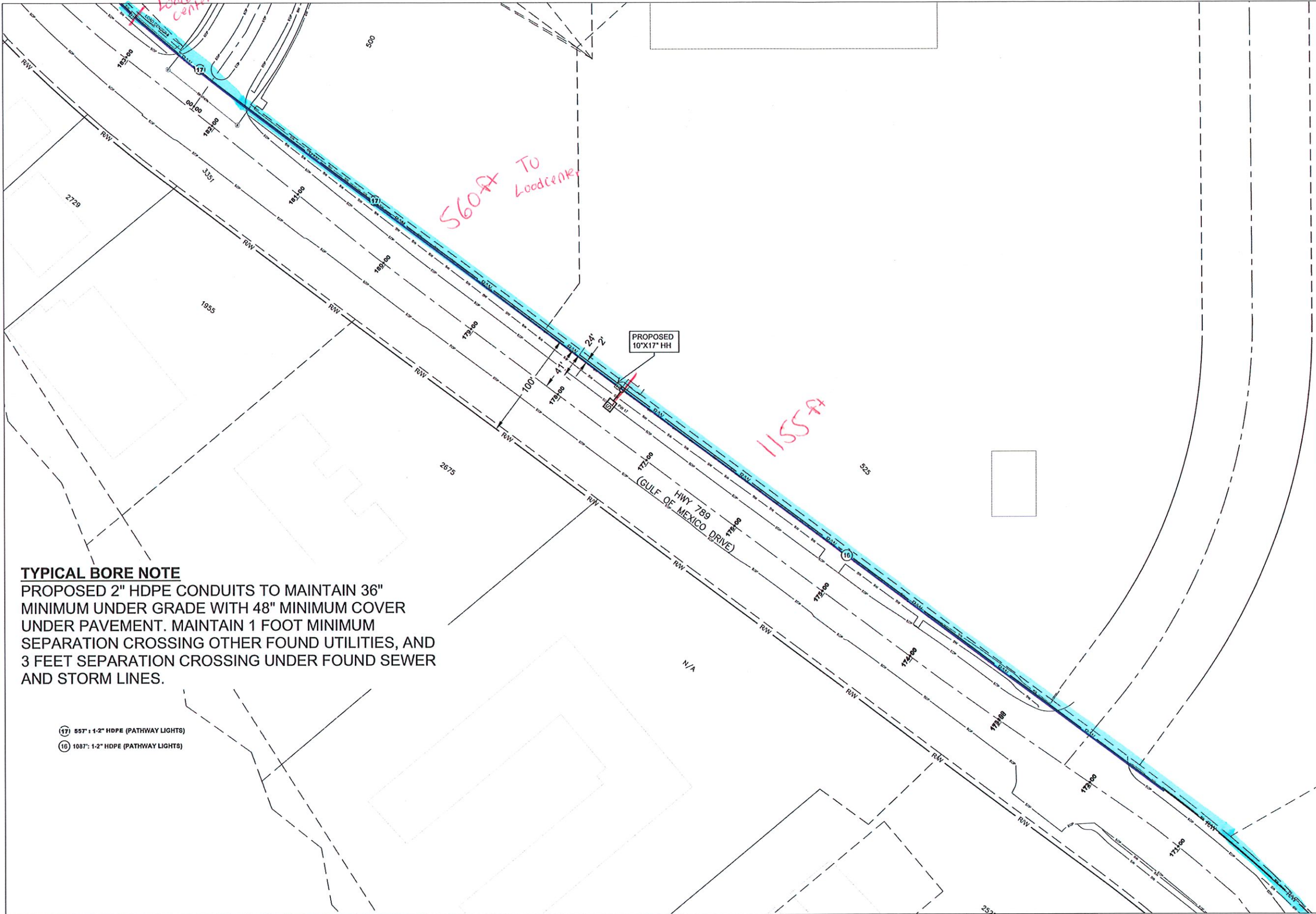
14 OF 39



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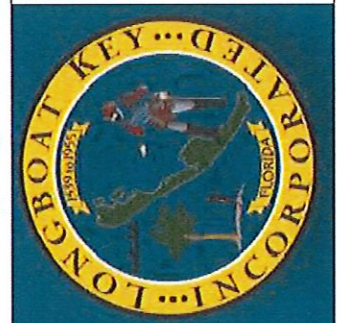
- 17 557' : 1-2" HDPE (PATHWAY LIGHTS)
- 16 1087' : 1-2" HDPE (PATHWAY LIGHTS)



TOWN OF LONGBOAT KEY

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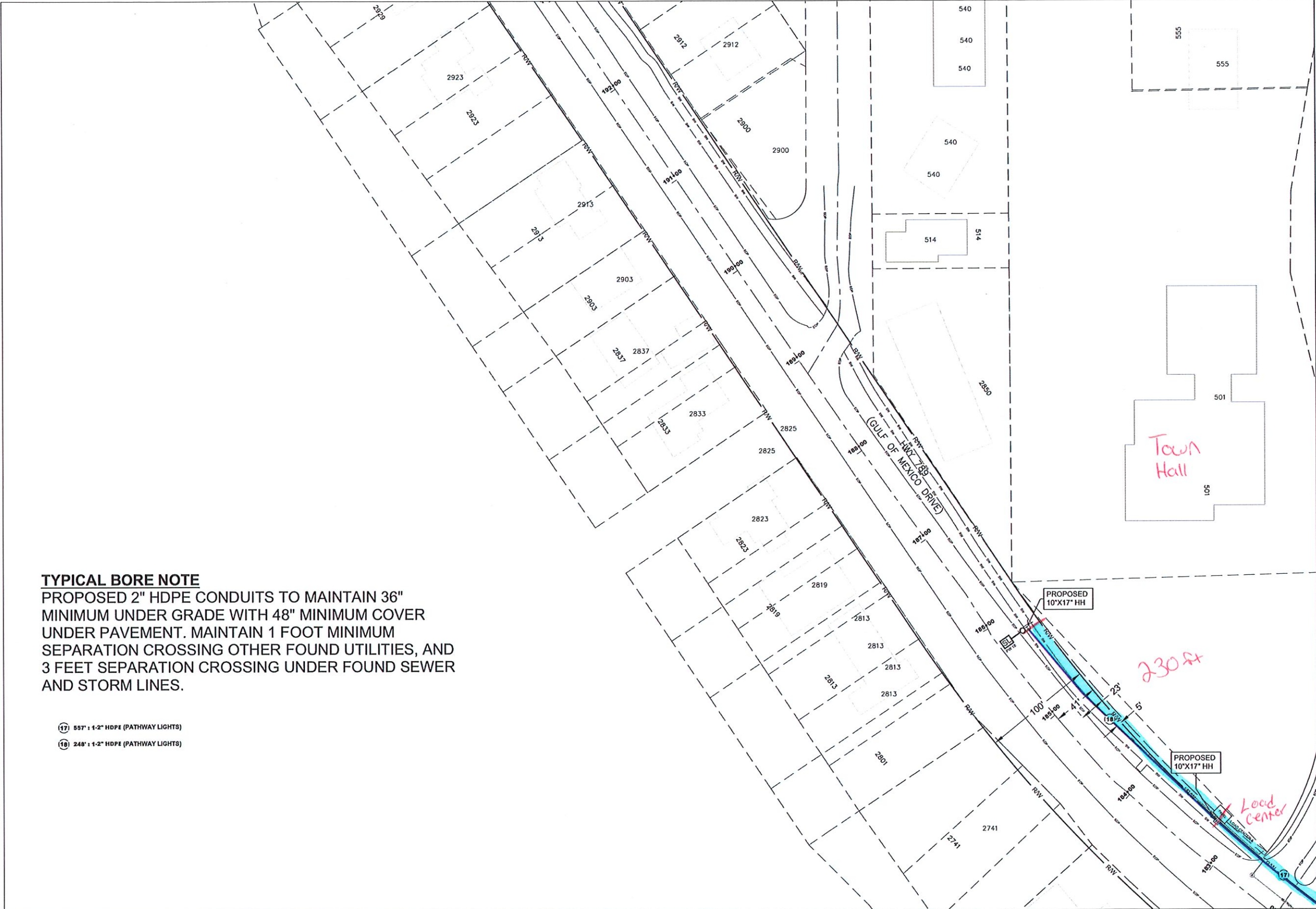
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DESIGNED BY: AKD

SHEET:

15 OF 39



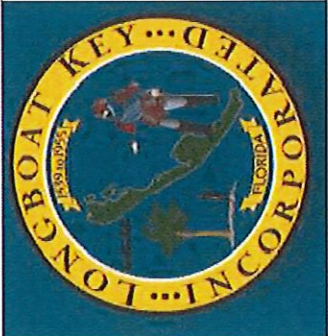
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- 17 557' : 1-2" HDPE (PATHWAY LIGHTS)
- 18 248' : 1-2" HDPE (PATHWAY LIGHTS)

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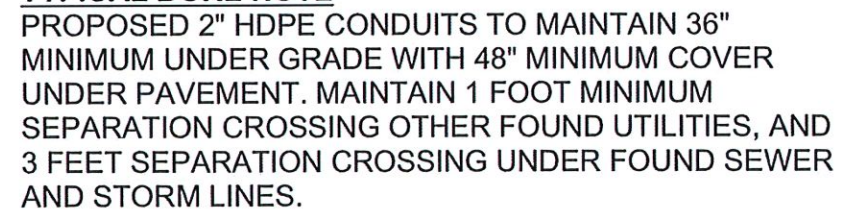


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CONSTRUCTION PLAN

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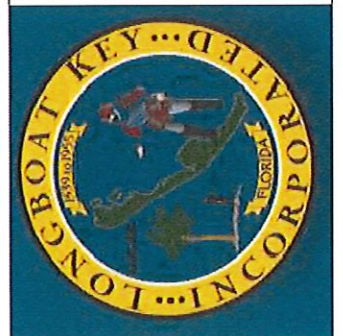


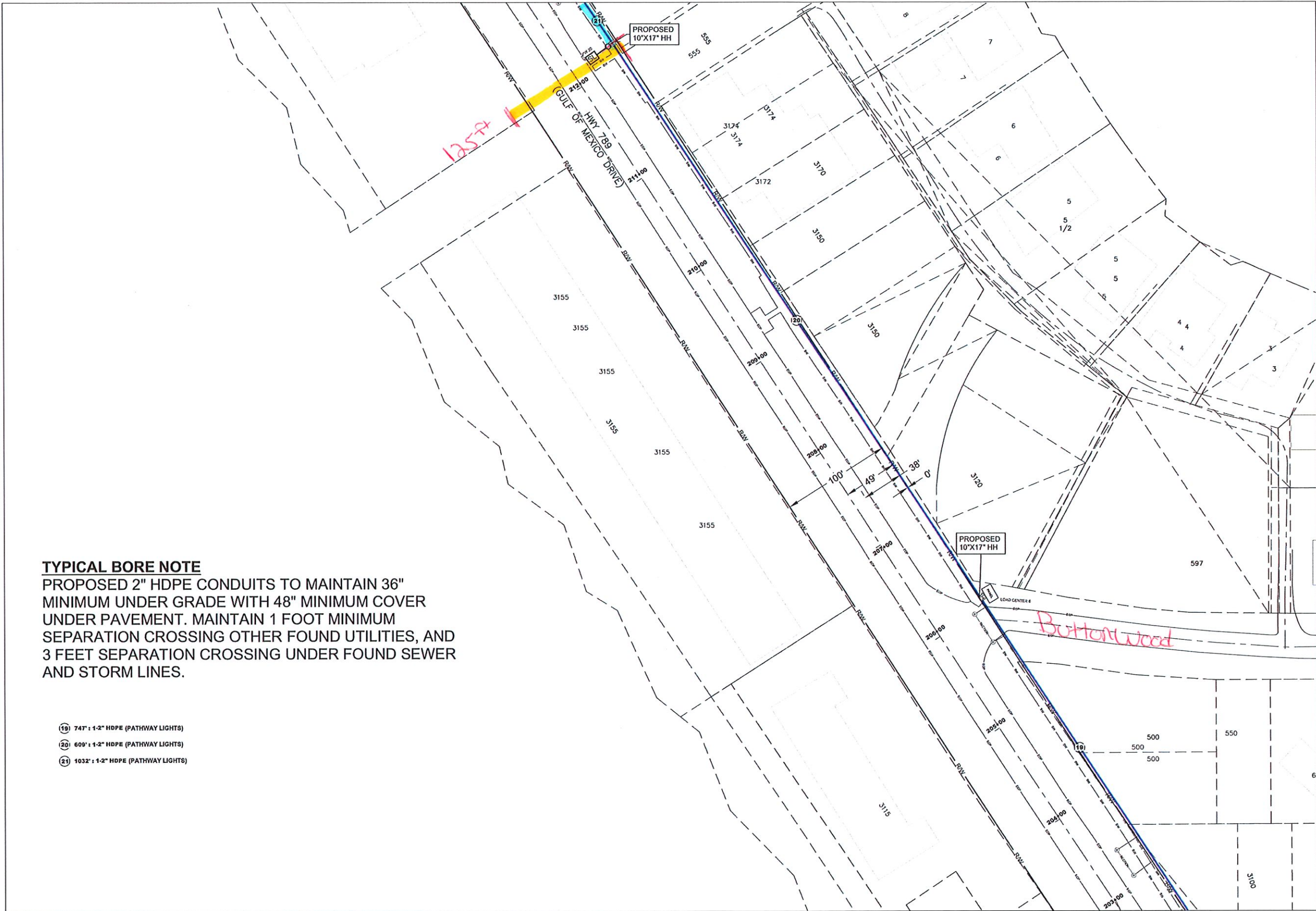
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LONGBOAT KEY, FLORIDA





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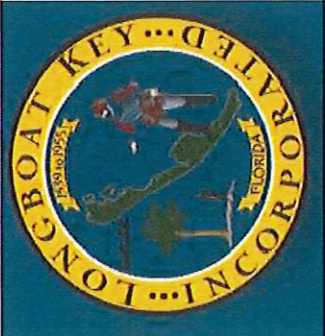
- (19) 747' : 1-2" HDPE (PATHWAY LIGHTS)
- (20) 609' : 1-2" HDPE (PATHWAY LIGHTS)
- (21) 1032' : 1-2" HDPE (PATHWAY LIGHTS)



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CONSTRUCTION

LONGBOAT KEY, FLORIDA

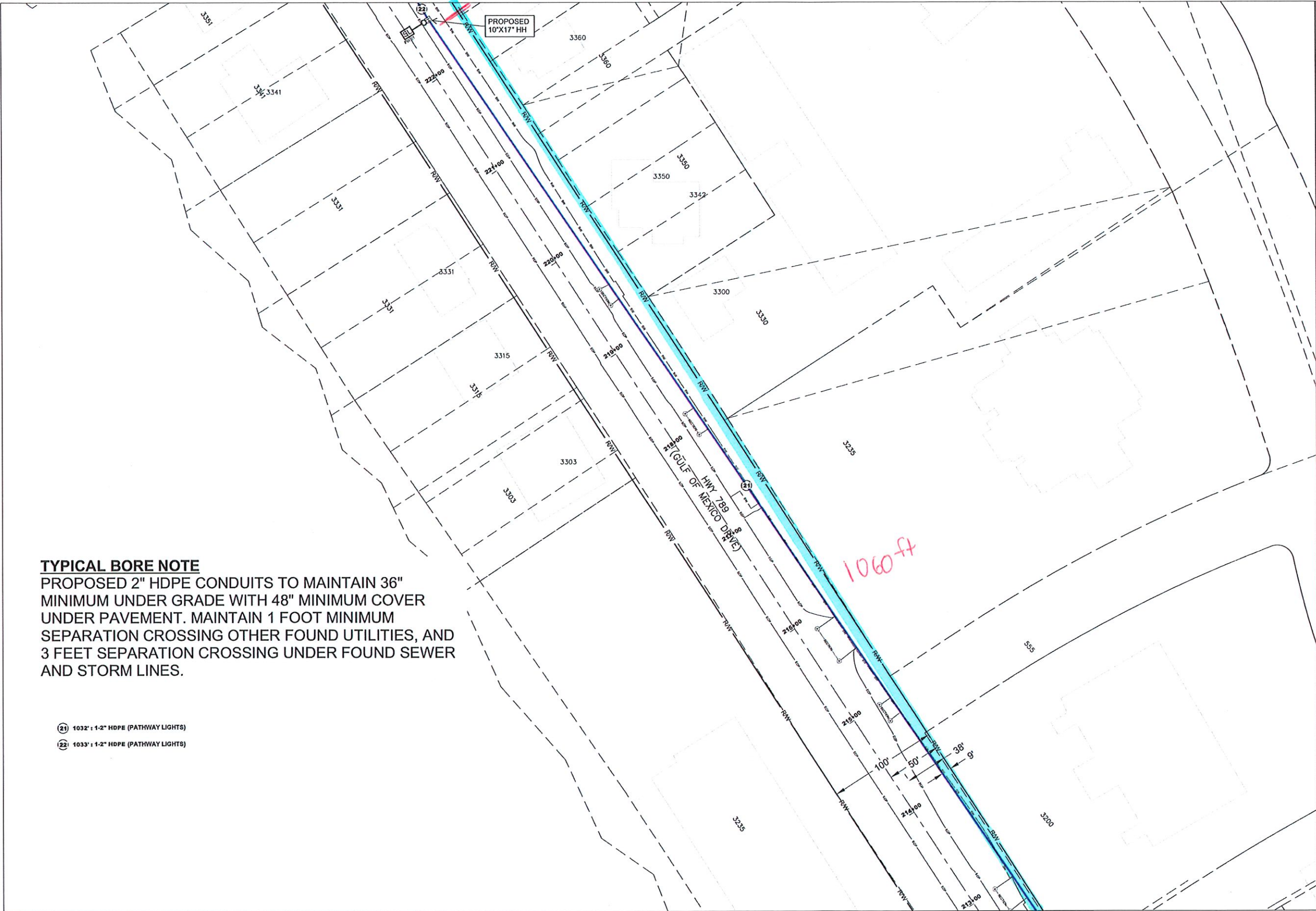


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DRAWN BY:	KJW
DESIGNED BY:	AKD
SHEET:	18 OF 39



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TOWN OF LONGBOAT KEY

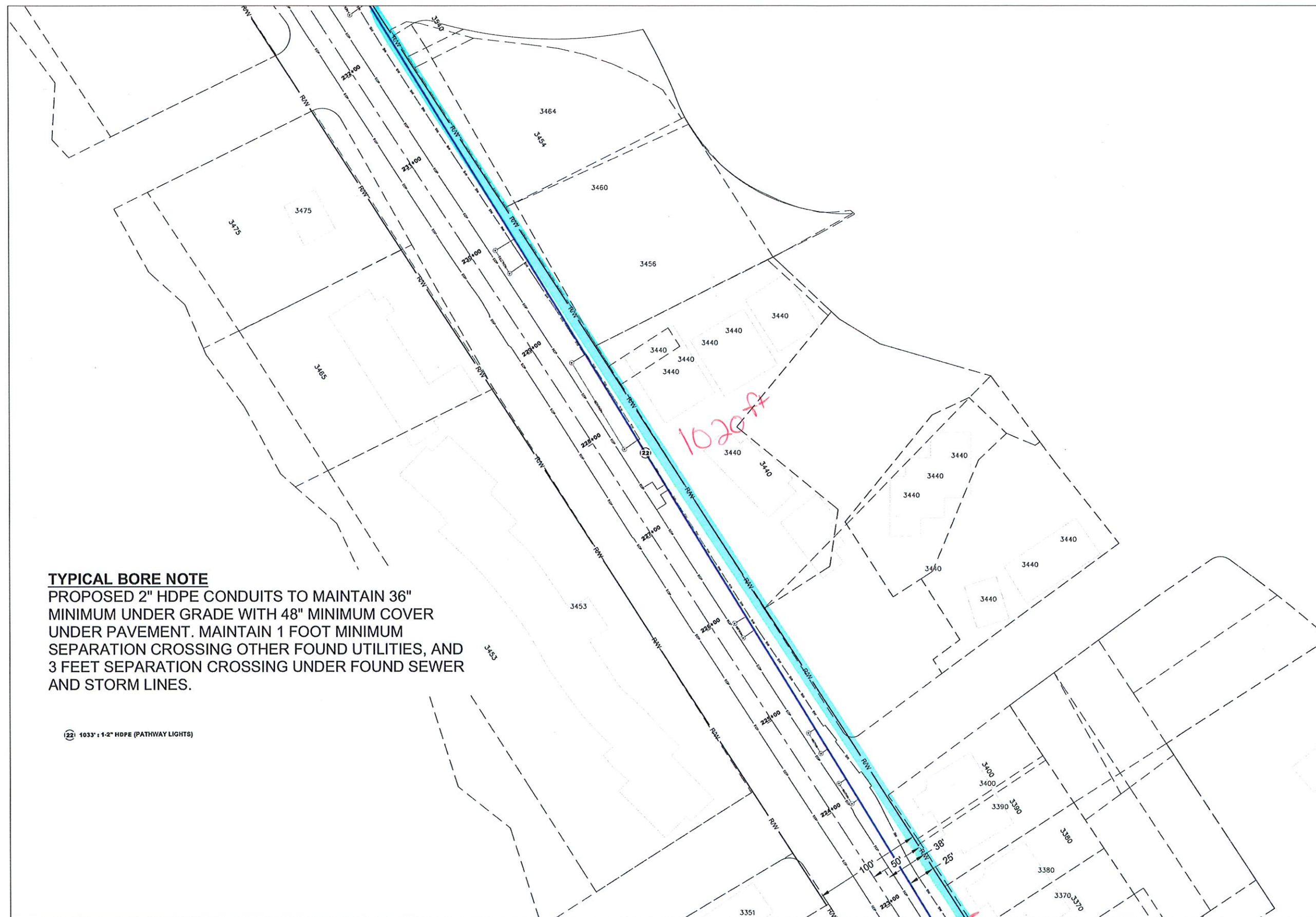
DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

DATE: 09/09/25		
SCALE: 1:40		
DRAWN BY: KJW		
DESIGNED BY: AKD		
SHEET: 19 OF 39		

CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

122 1033' 1-2" HDPE (PATHWAY LIGHTS)



CONSTRUCTION PLAN

REVISIONS

	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

DATE: 09/09/25

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DESIGNED BY: AKD

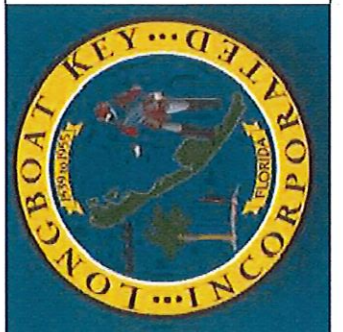
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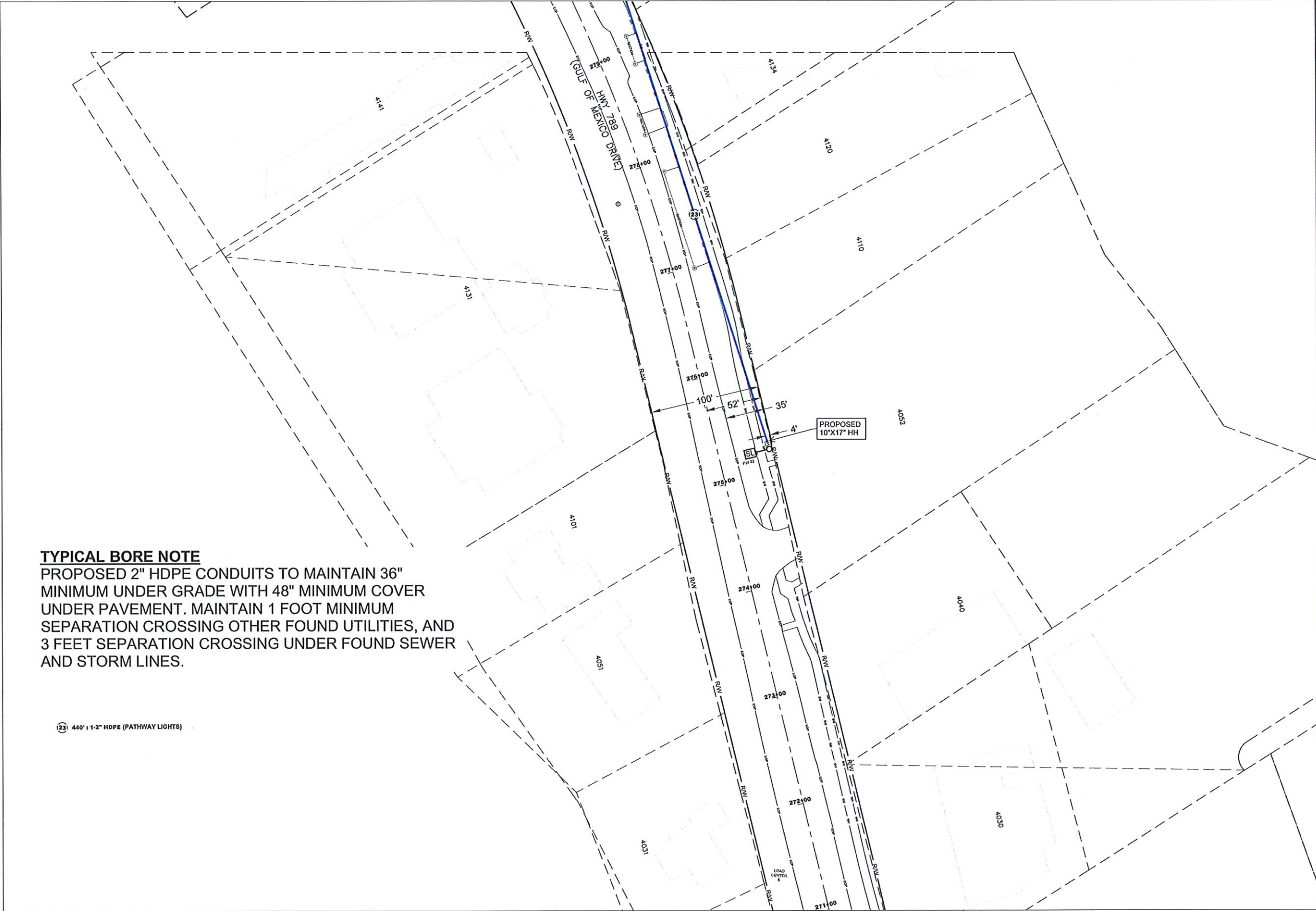
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TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA





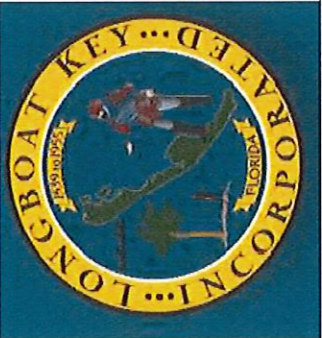
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PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

(23) 440' ± 1-2" HDPE (PATHWAY LIGHTS)

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

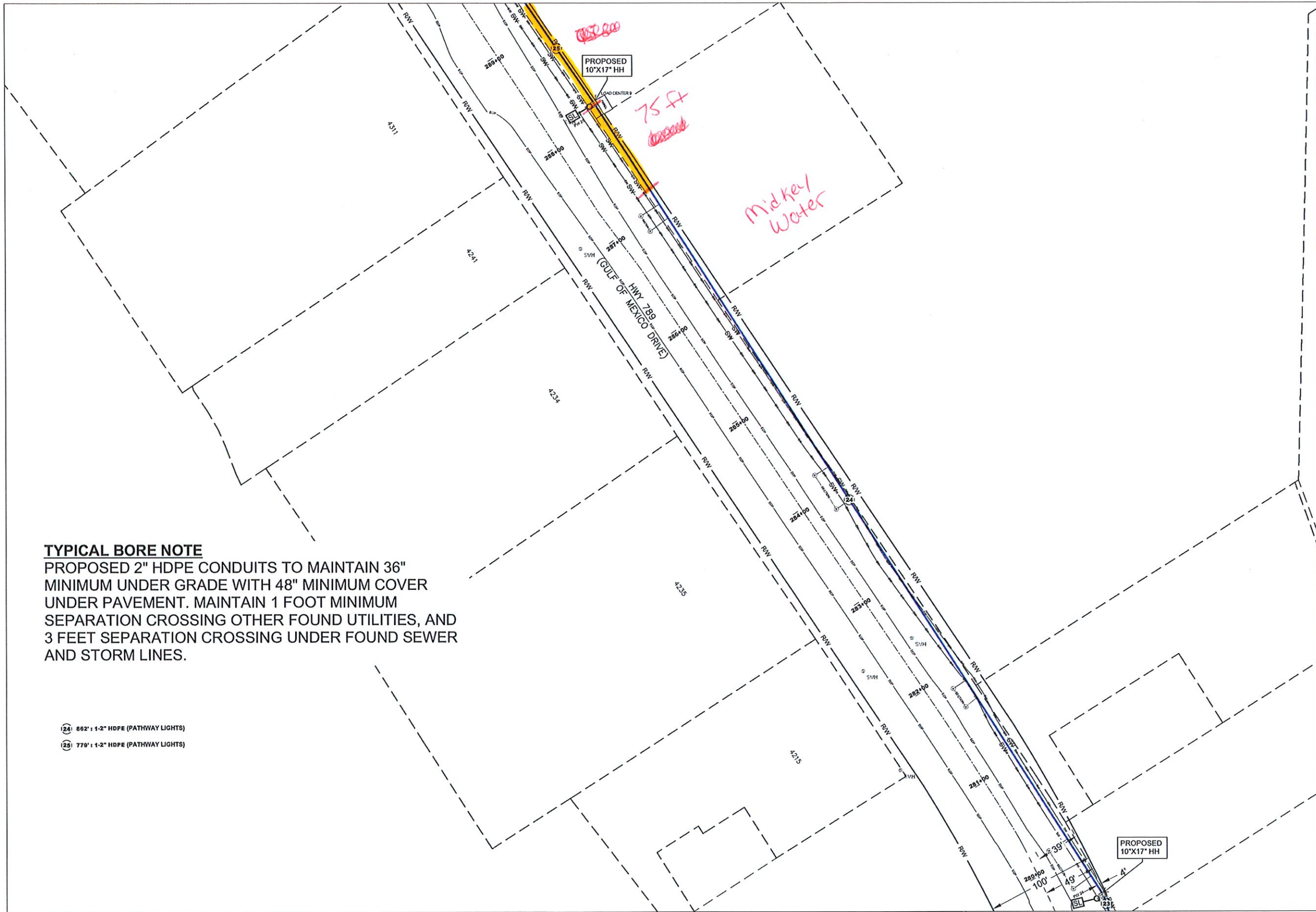


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SHEET:	22 OF 39



CONSTRUCTION PLAN

REVISIONS		
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08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TYPICAL BORE NOTE

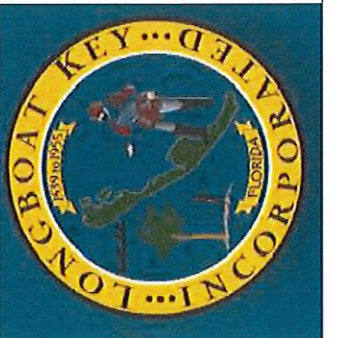
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

- 124 862' ± 1-2" HDPE (PATHWAY LIGHTS)
- 125 779' ± 1-2" HDPE (PATHWAY LIGHTS)

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



DATE: 09/09/25

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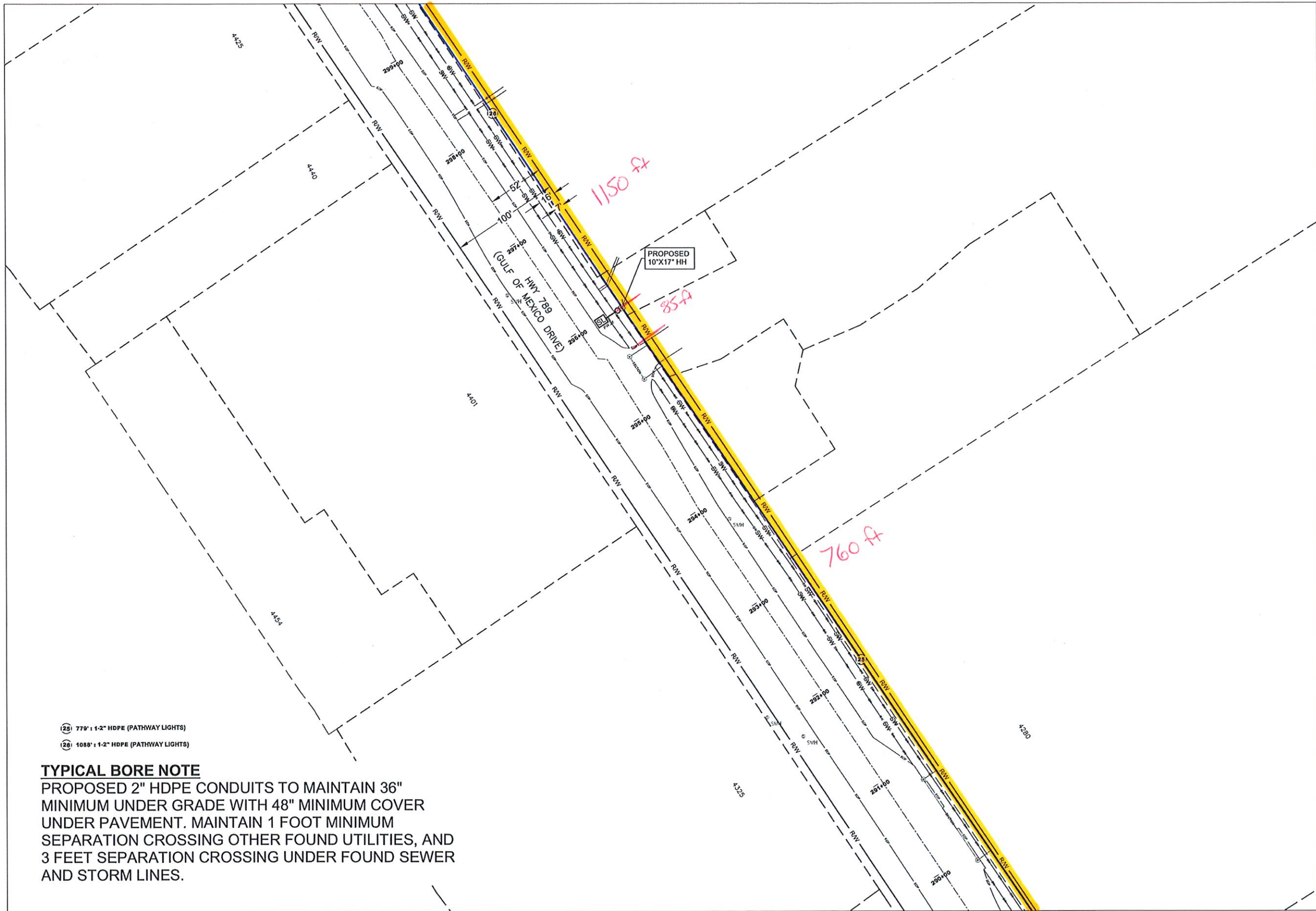
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CONSTRUCTION PLAN

REVISIONS

	DESCRIPTIONS	INITIAL
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- (25) 779' : 1-2" HDPE (PATHWAY LIGHTS)
- (25) 1088' : 1-2" HDPE (PATHWAY LIGHTS)

TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



CONSTRUCTION PLAN

REVISIONS

	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

DATE: 09/09/25

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DESIGNED BY: AKD

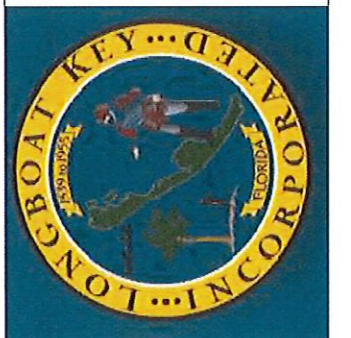
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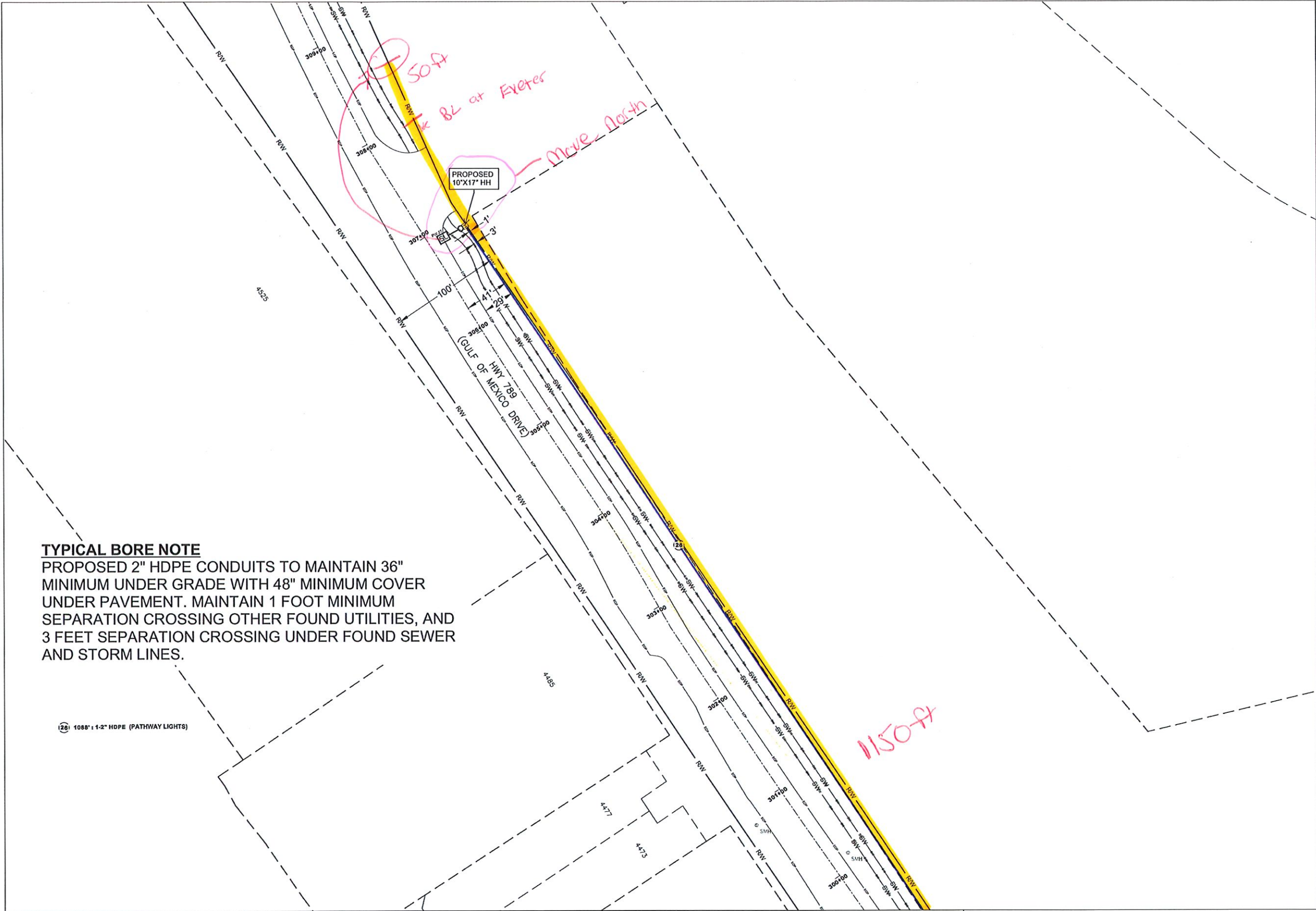
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TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA





TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

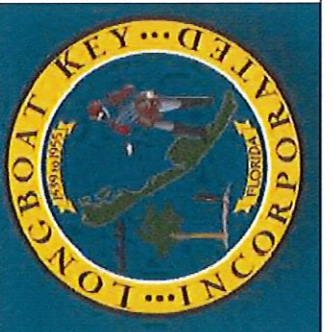
126 1088' 1-2" HDPE (PATHWAY LIGHTS)



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



DATE: 09/09/25

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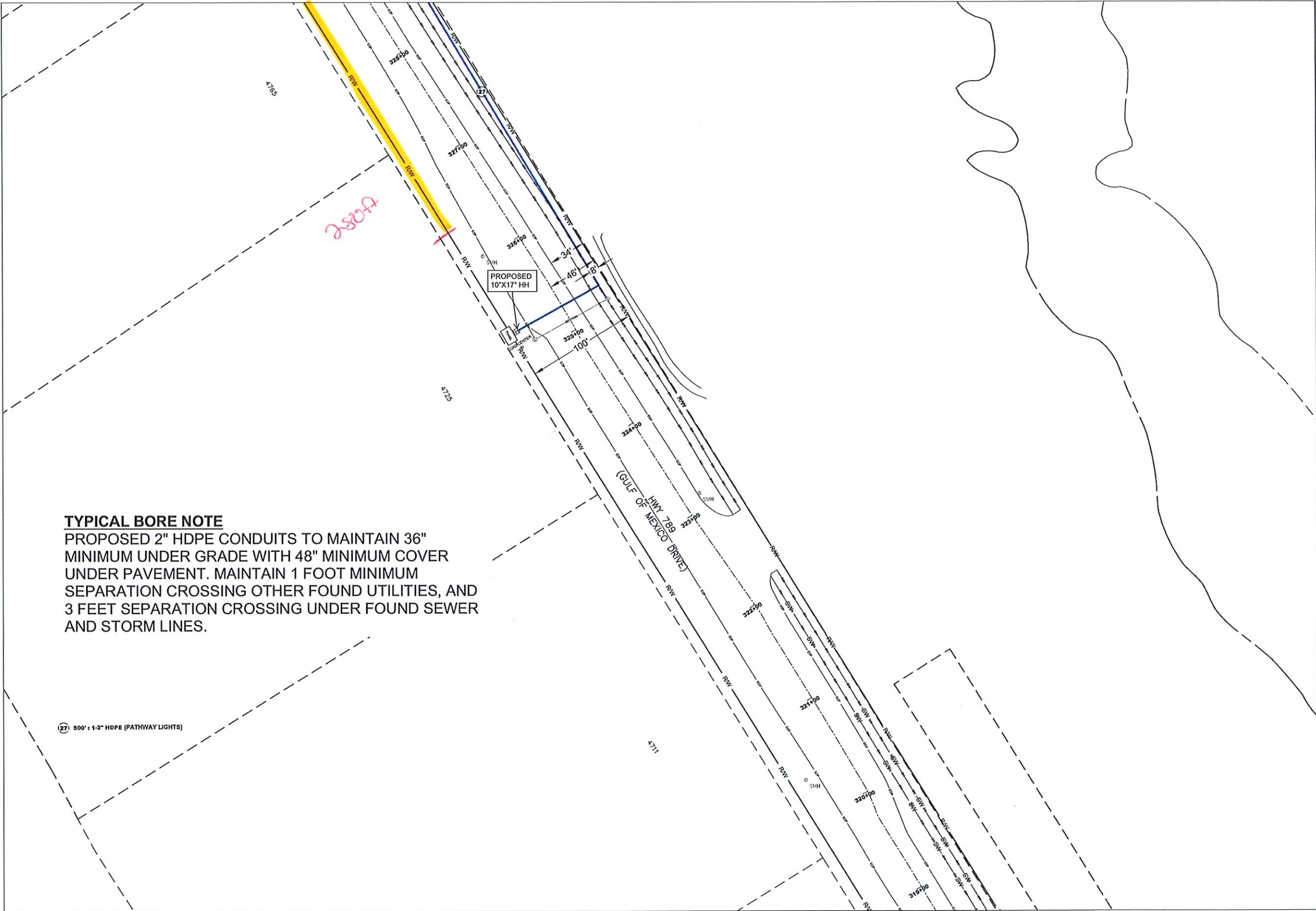
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CONSTRUCTION PLAN

REVISIONS

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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



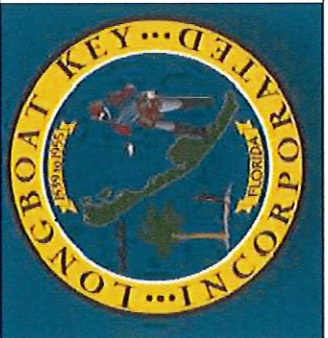
TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

127 500' : 1-2" HDPE (PATHWAY LIGHTS)

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

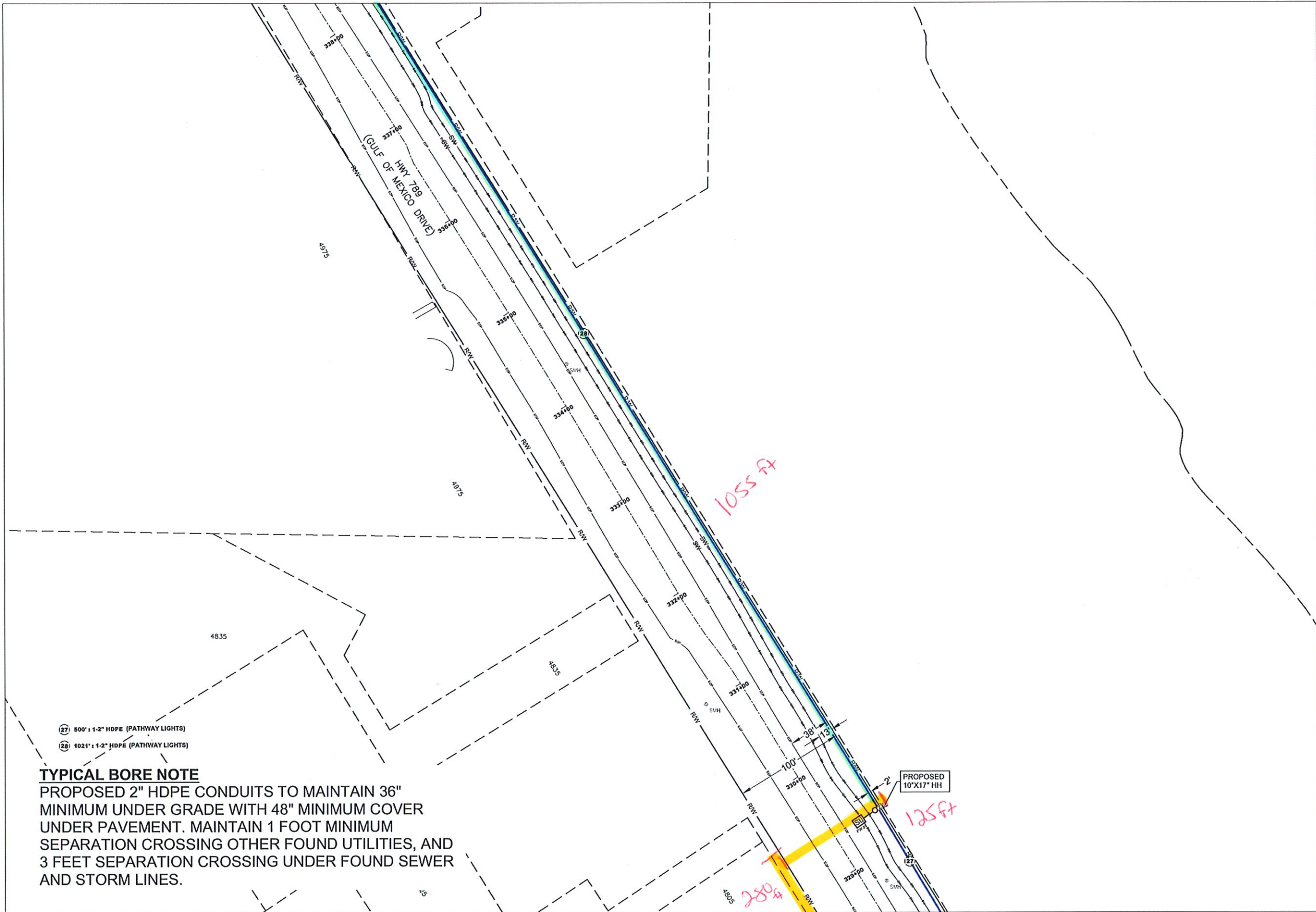


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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



- (27) 500' 1-2" HDPE (PATHWAY LIGHTS)
- (28) 1021' 1-2" HDPE (PATHWAY LIGHTS)

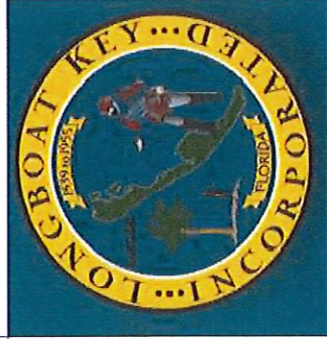
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PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

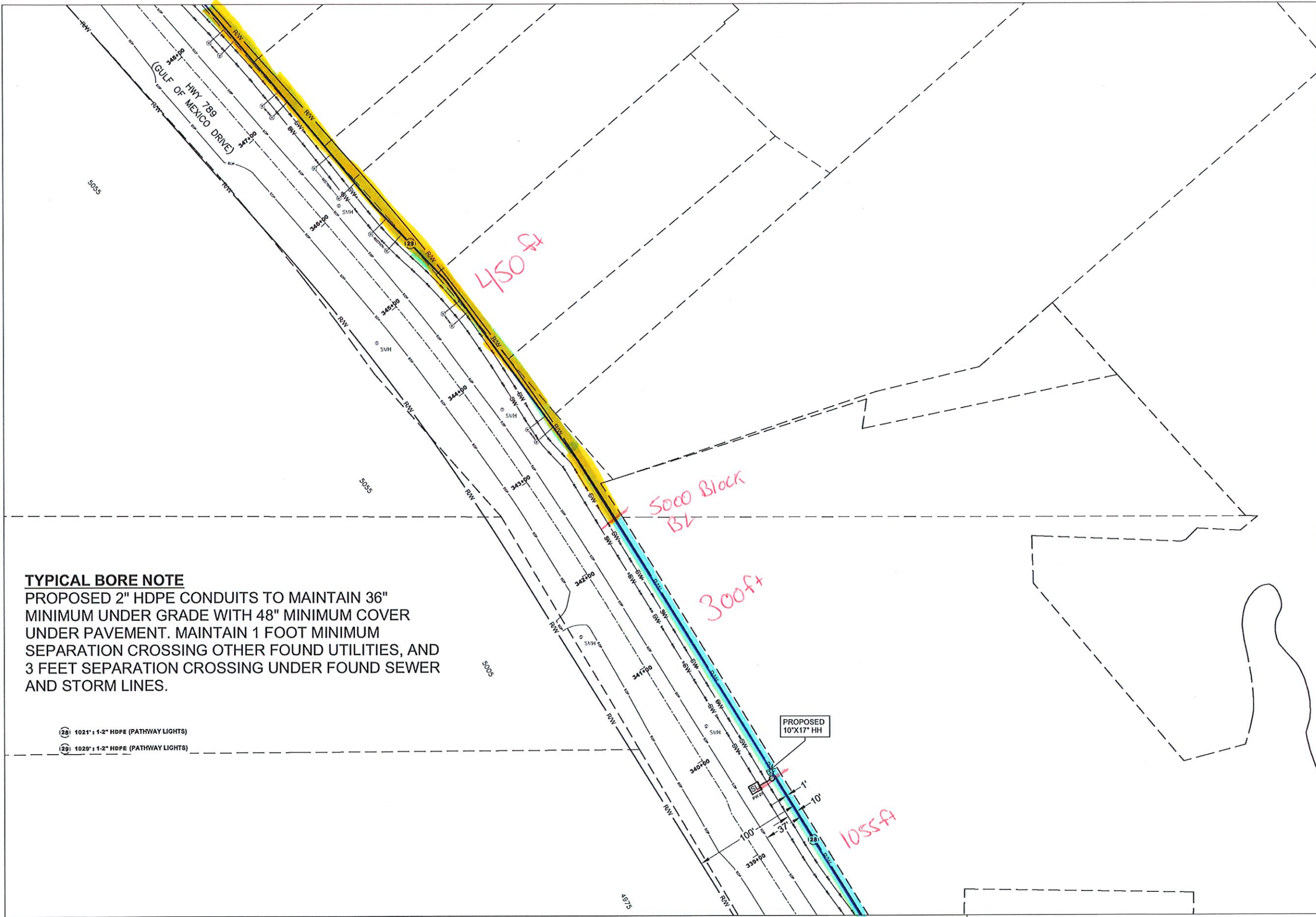
LONGBOAT KEY, FLORIDA



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

DATE: 09/09/25
SCALE: 1:40
DRAWN BY: KJW
DESIGNED BY: AKD
SHEET: 27 OF 39



TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

- (28) 1021' x 1-2" HDPE (PATHWAY LIGHTS)
- (29) 1029' x 1-2" HDPE (PATHWAY LIGHTS)

PROPOSED
10"X17" HH



CONSTRUCTION PLAN

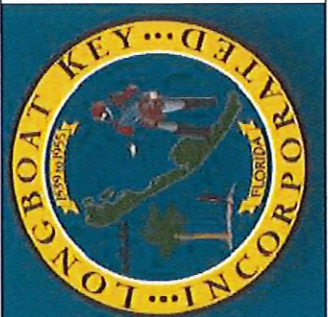
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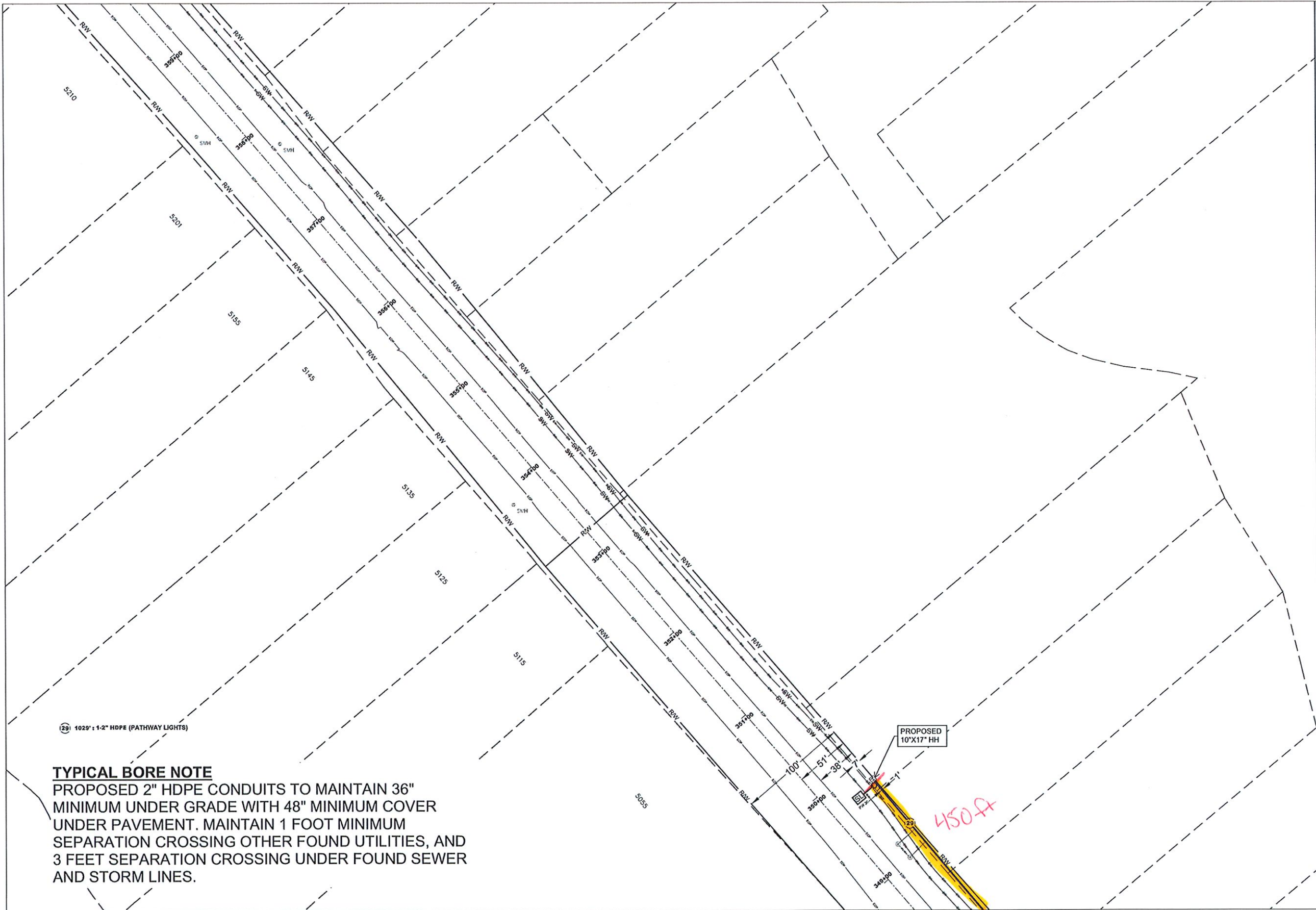
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DESIGNED BY: AKD
SHEET: 28 OF 39

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA





(29) 1029' ± 1-2" HDPE (PATHWAY LIGHTS)

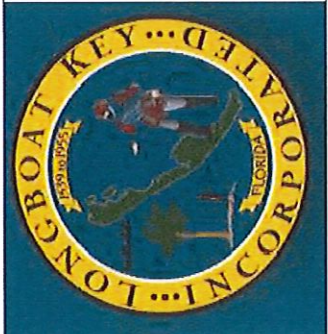
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PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

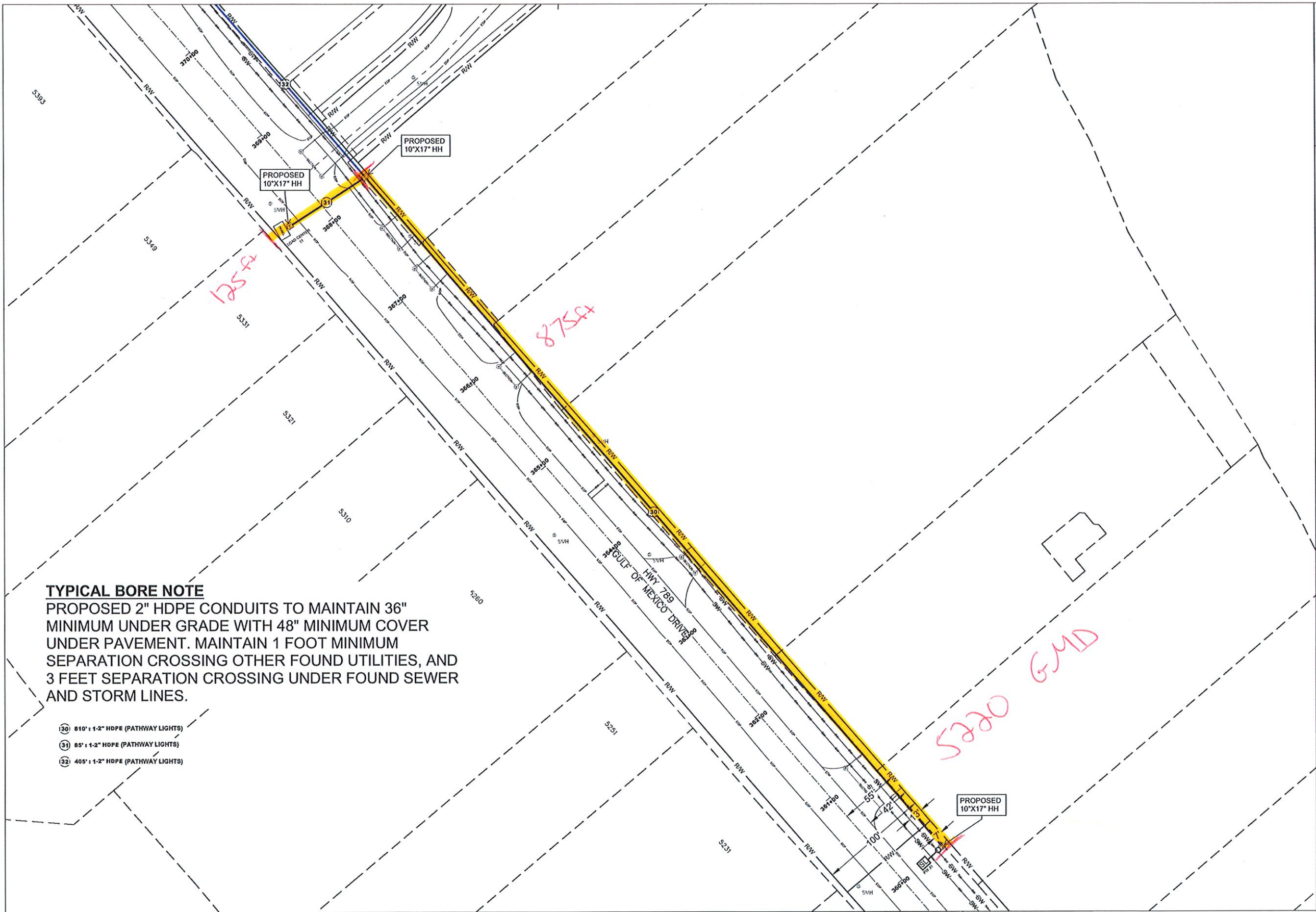


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DESIGNED BY: AKD		
SHEET: 29 OF 39		



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

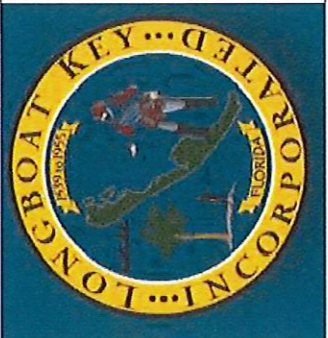
- (30) 610' ± 1-2" HDPE (PATHWAY LIGHTS)
- (31) 85' ± 1-2" HDPE (PATHWAY LIGHTS)
- (32) 405' ± 1-2" HDPE (PATHWAY LIGHTS)



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

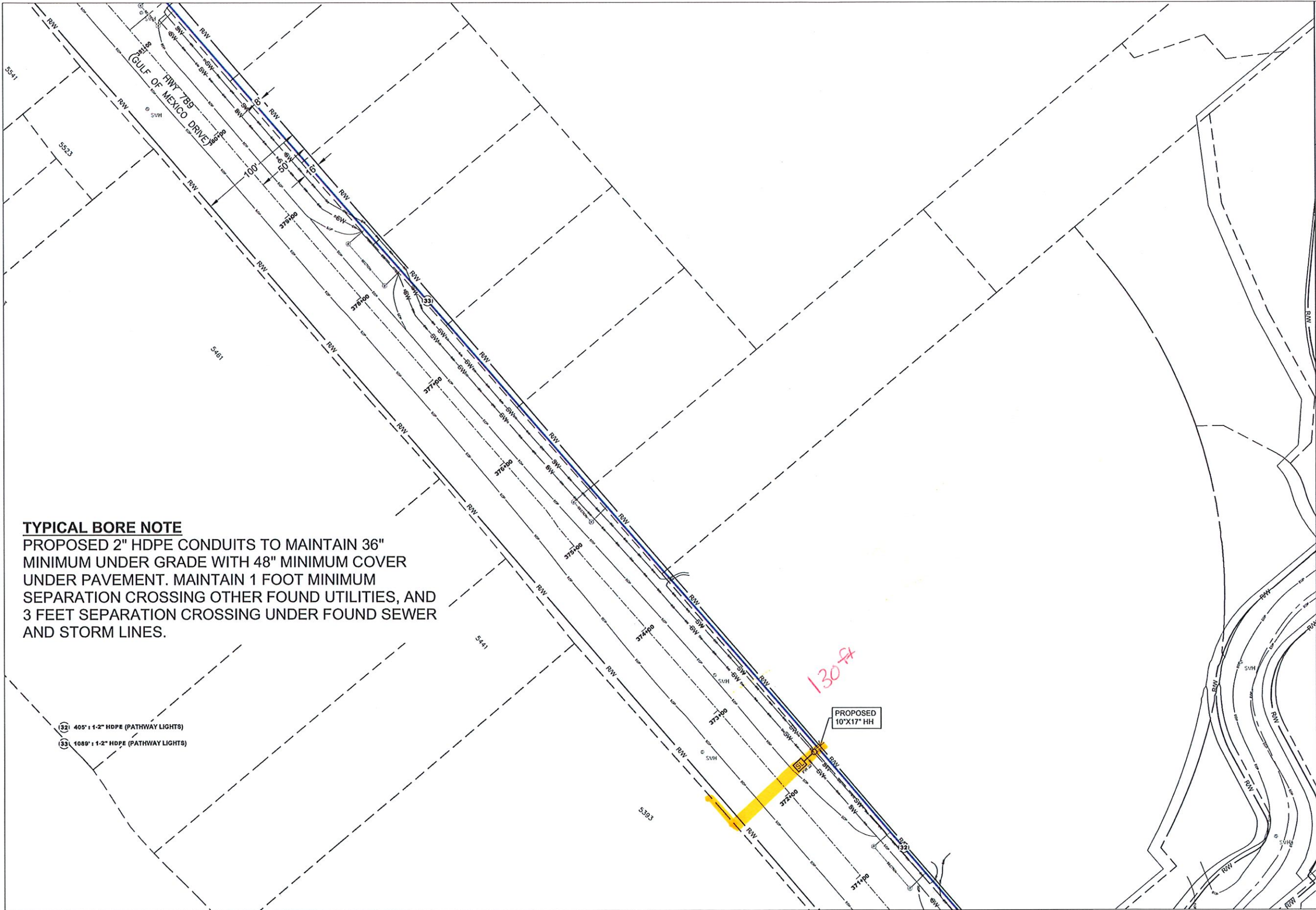
LONGBOAT KEY, FLORIDA



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

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SCALE: 1:40
DRAWN BY: KJW
DESIGNED BY: AKD
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TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

- 1321 405' : 1-2" HDPE (PATHWAY LIGHTS)
- 133 1080' : 1-2" HDPE (PATHWAY LIGHTS)

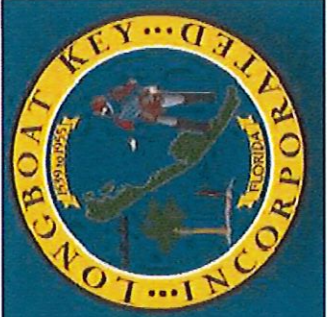
130#

PROPOSED 10'X17' HH

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

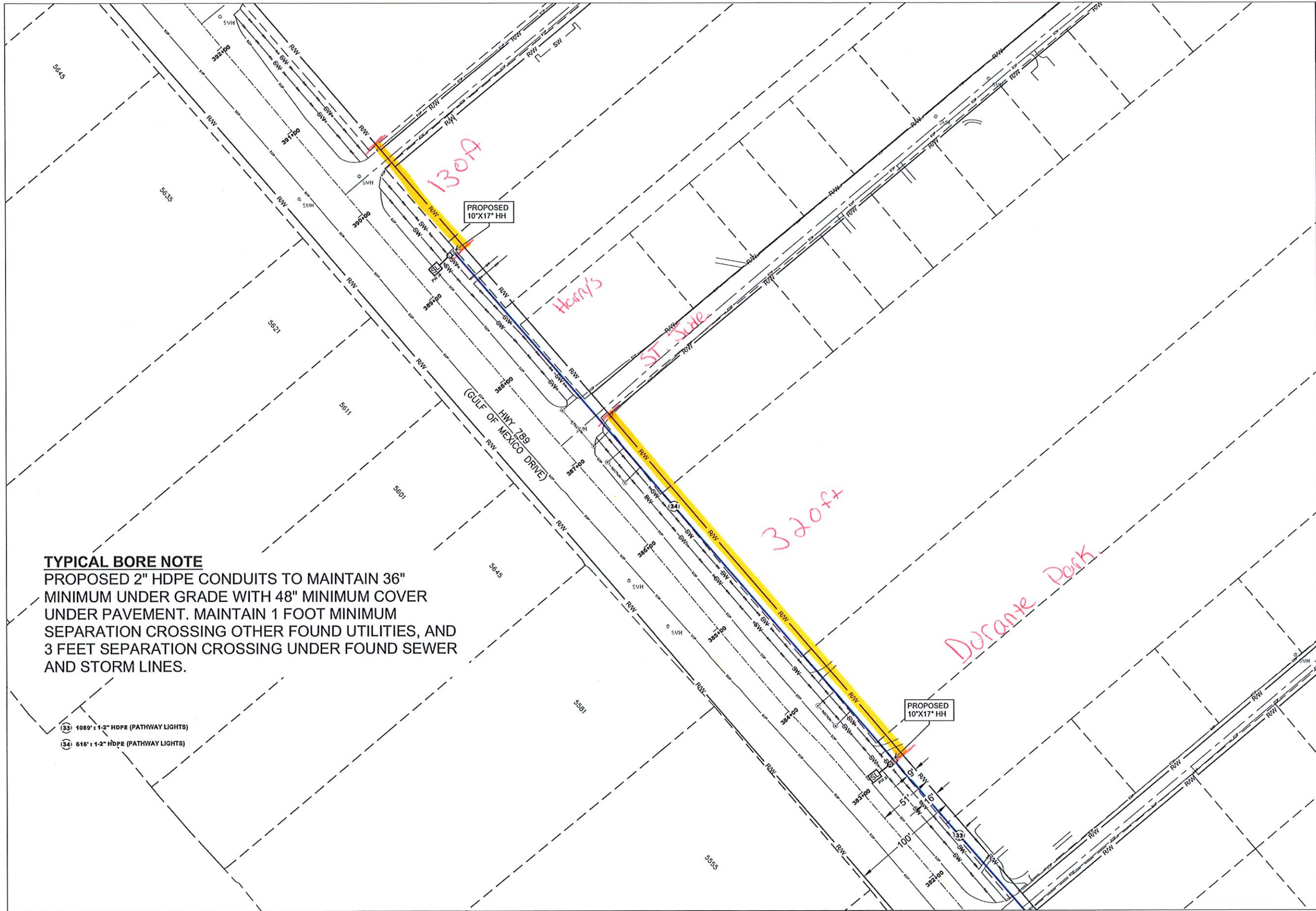


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DESIGNED BY:	AKD
SHEET:	31 OF 39



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

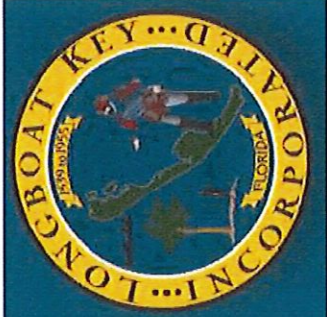
- (33) 1089' ± 1-2" HDPE (PATHWAY LIGHTS)
- (34) 616' ± 1-2" HDPE (PATHWAY LIGHTS)



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

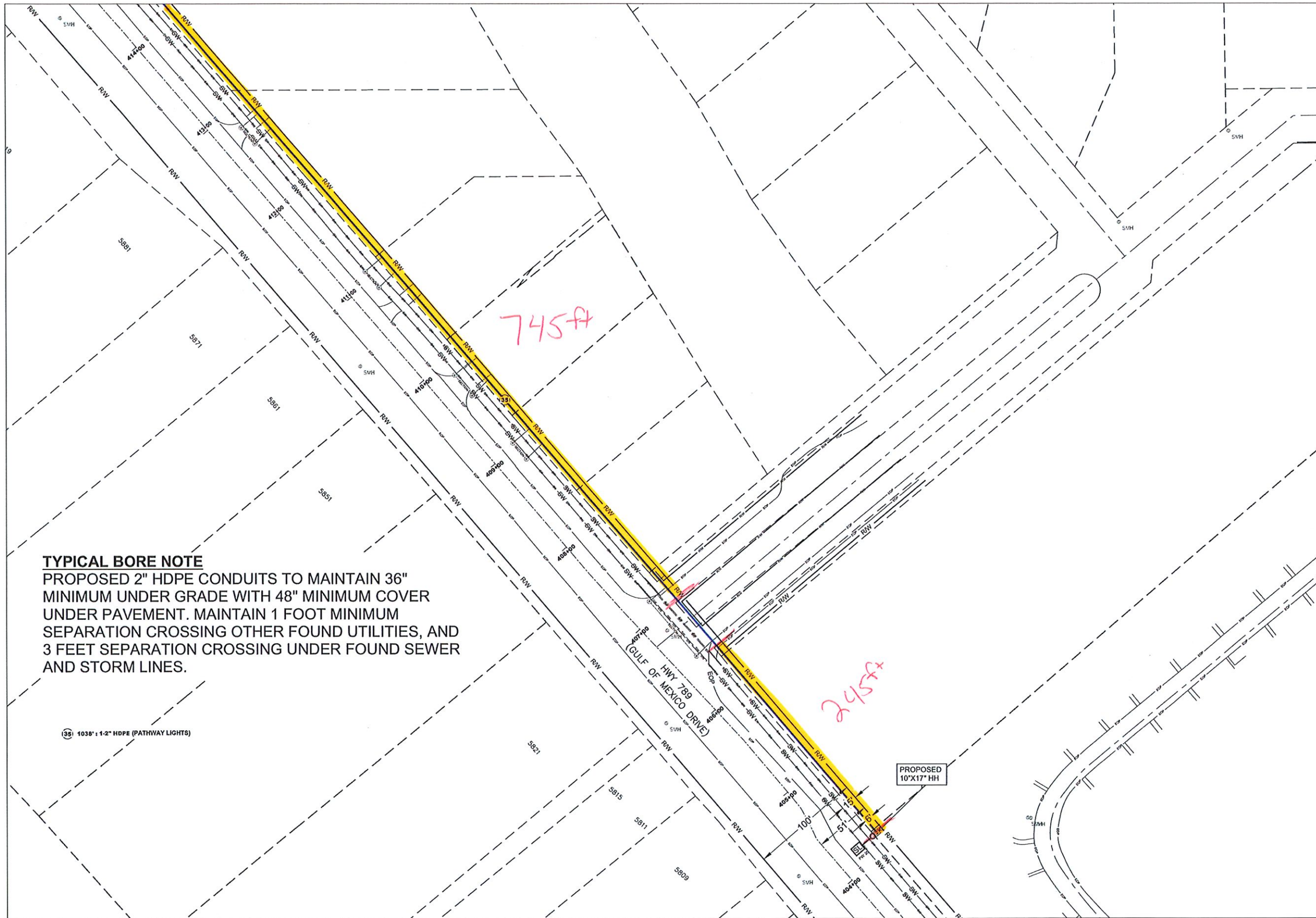


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DESIGNED BY:	AKD
SHEET:	32 OF 39



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TYPICAL BORE NOTE

PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

(36) 1030' 1-2" HDPE (PATHWAY LIGHTS)

745ft

245ft

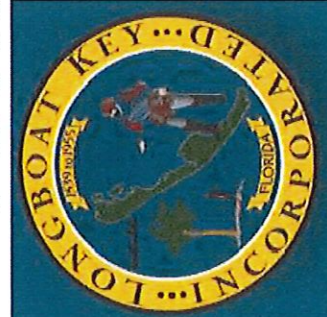
PROPOSED 10"x17" HH



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



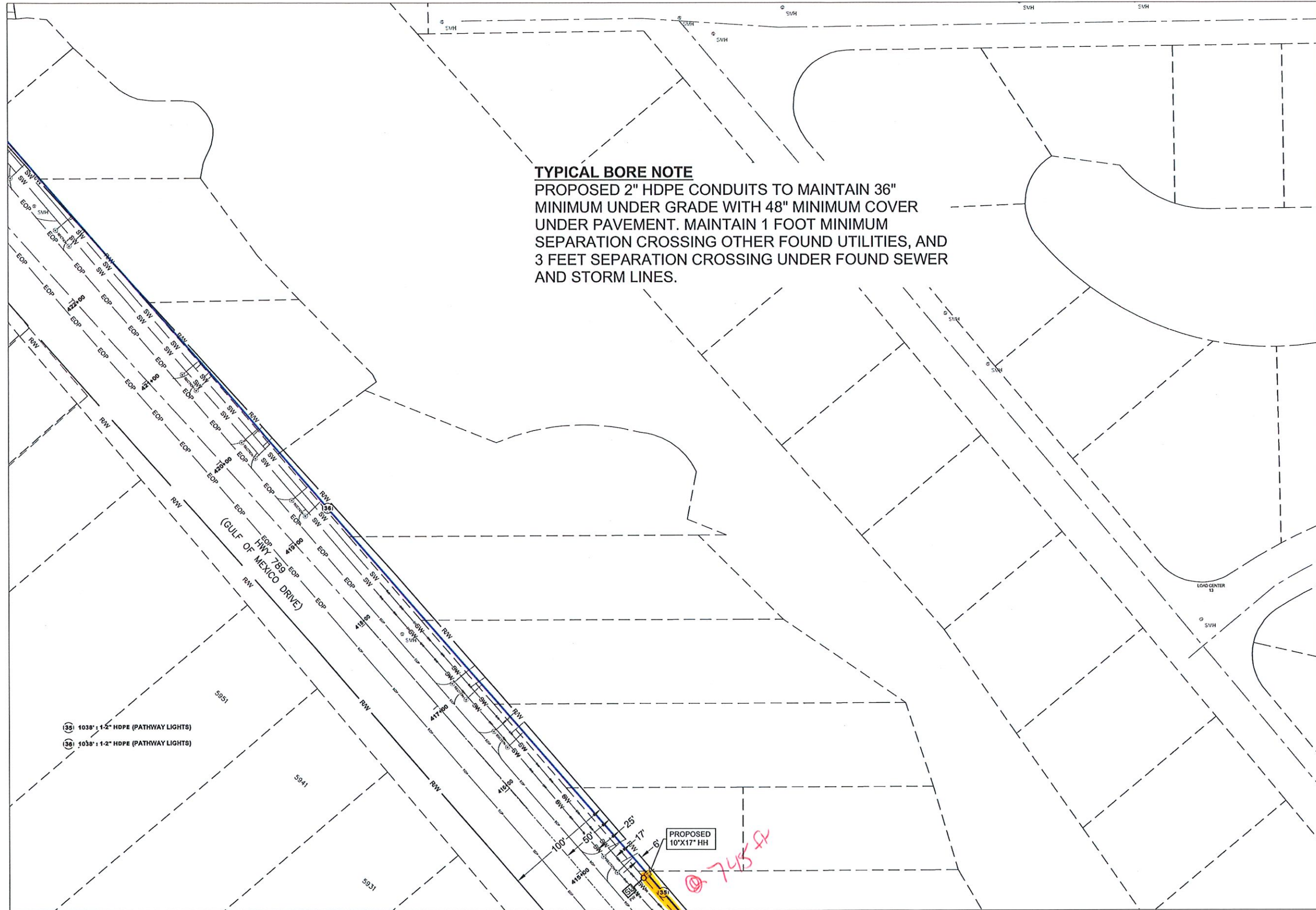
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CONSTRUCTION PLAN

REVISIONS

	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

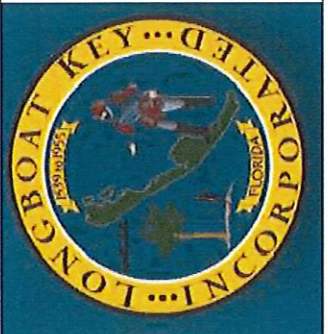


TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

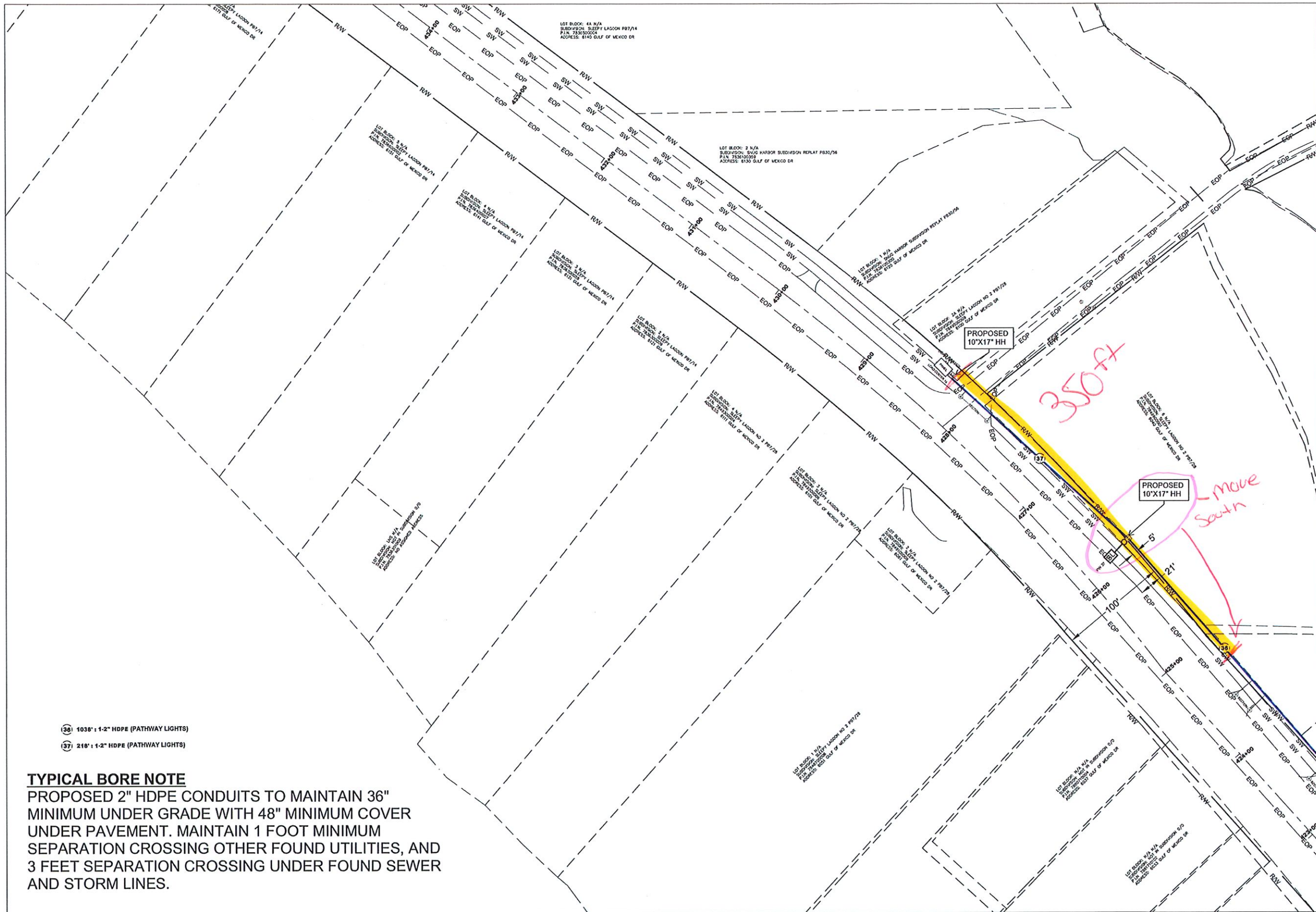


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SHEET:	34 OF 39



CONSTRUCTION PLAN

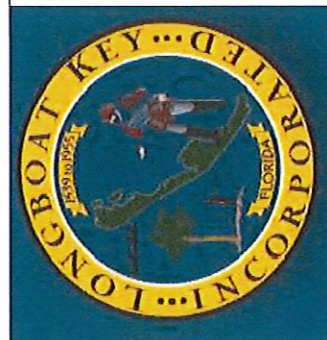
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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



- (36) 1038' : 1-2" HDPE (PATHWAY LIGHTS)
- (37) 218' : 1-2" HDPE (PATHWAY LIGHTS)

TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



CONSTRUCTION PLAN

REVISIONS

	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD

DATE: 09/09/25

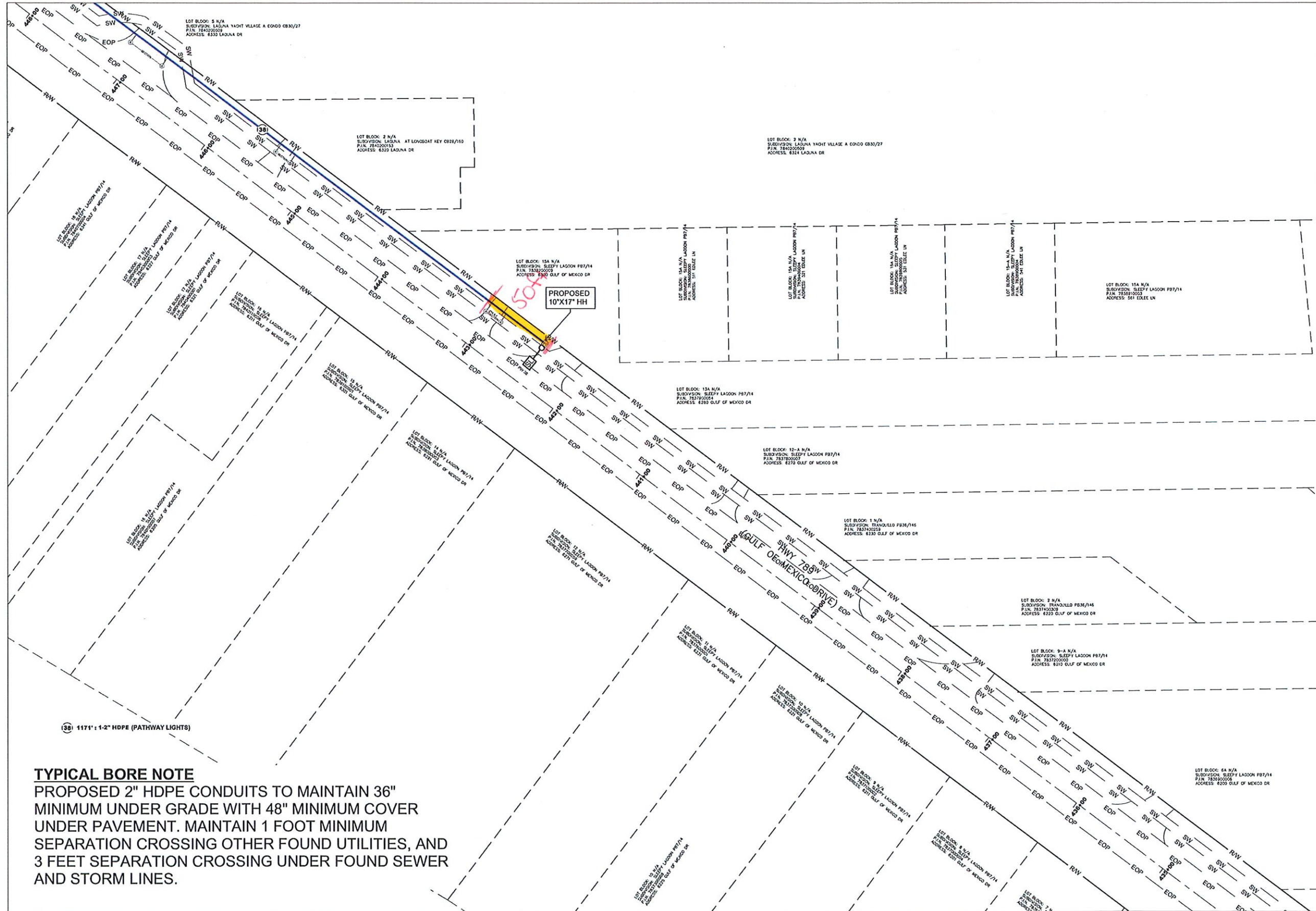
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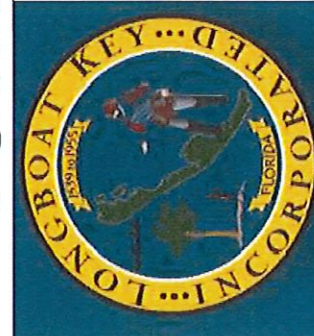
TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



DATE 09/09/25

SCALE: 1:40

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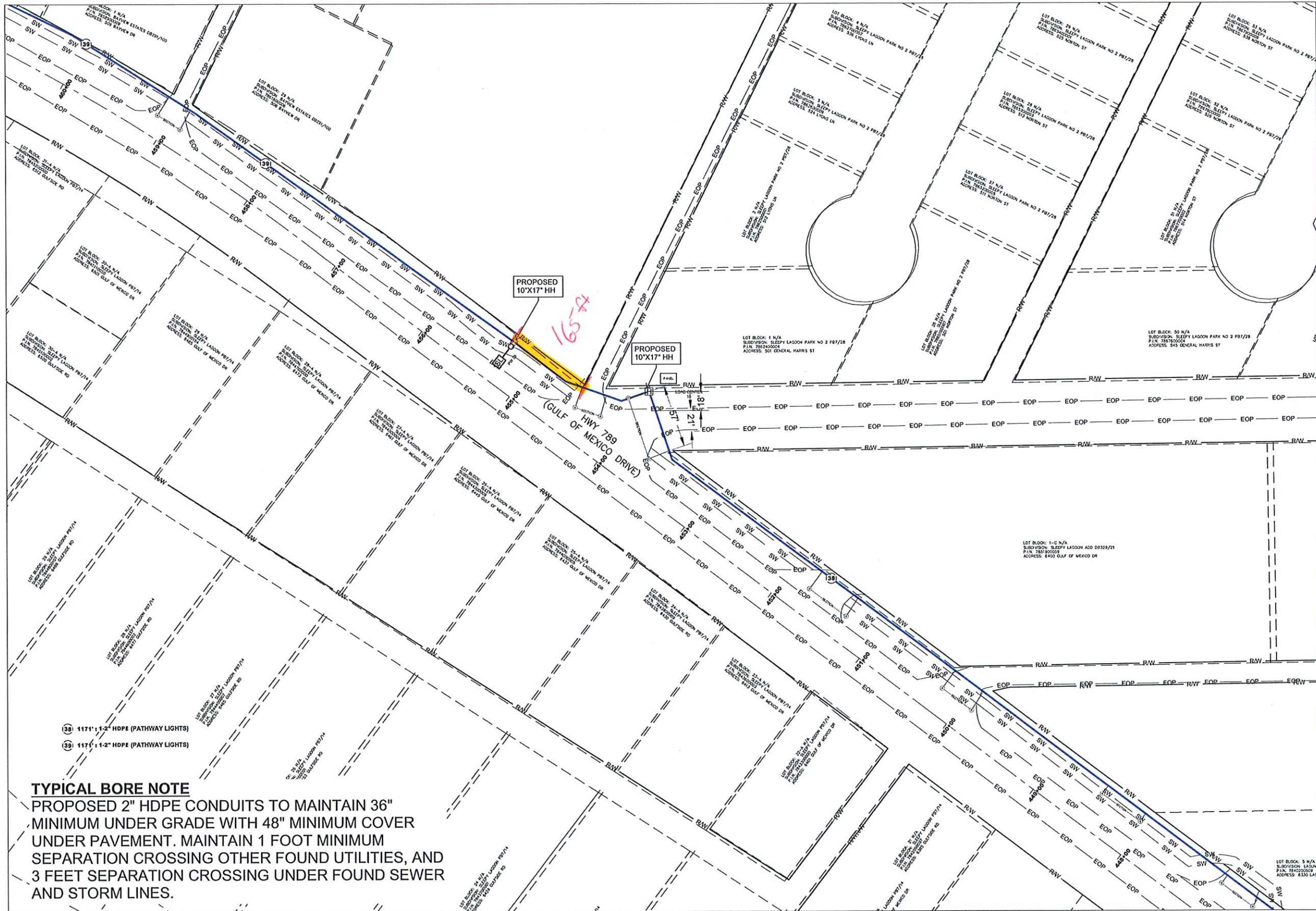
36 OF 39



CONSTRUCTION PLAN

REVISIONS

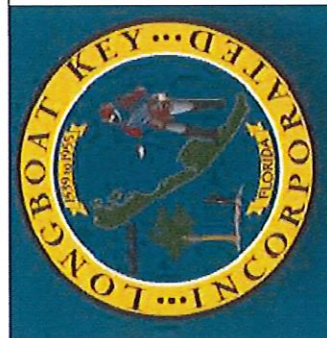
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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



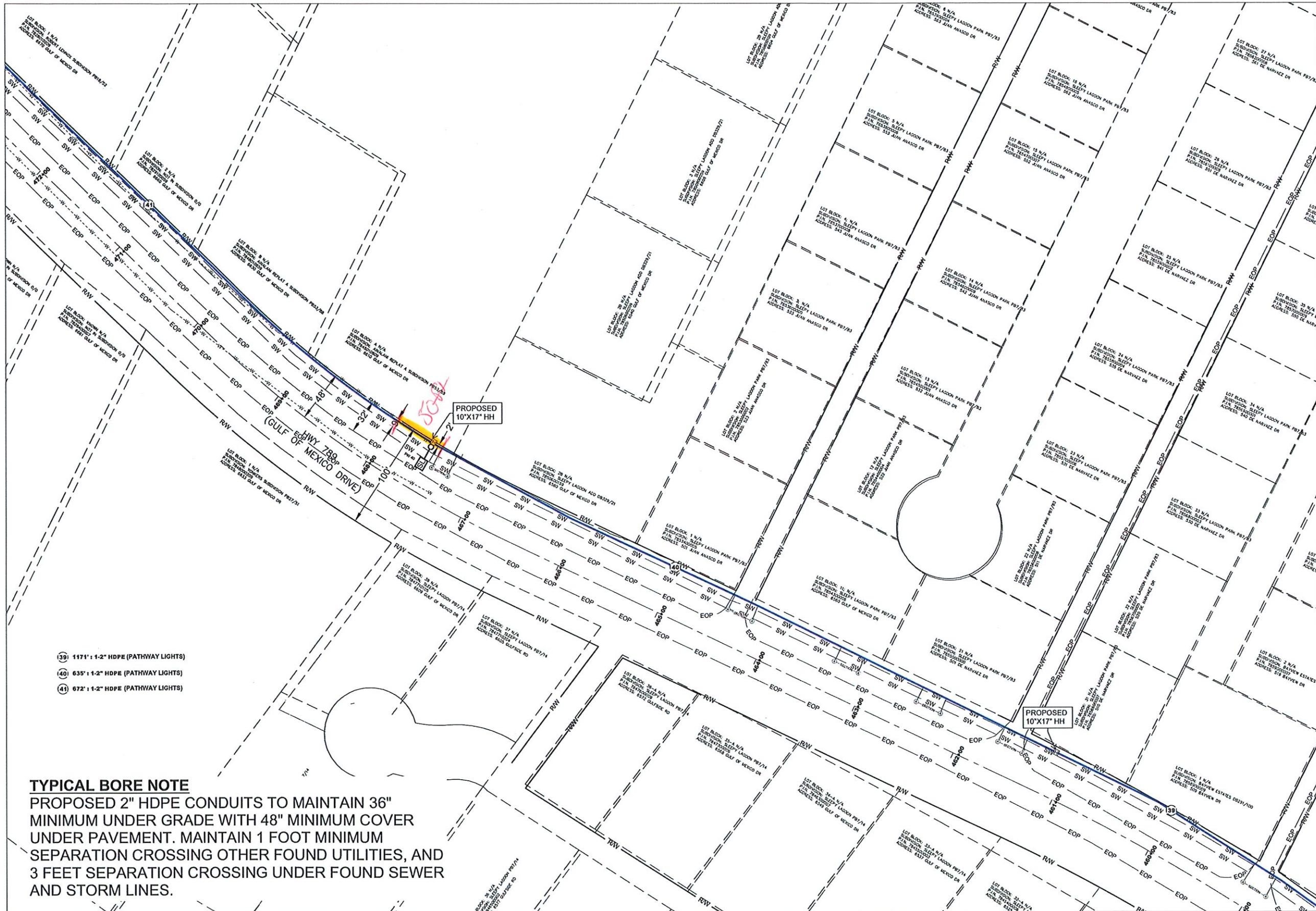
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DESIGNED BY:	AKD
SHEET:	37 OF 39

TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
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09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA



DATE 09/09/25

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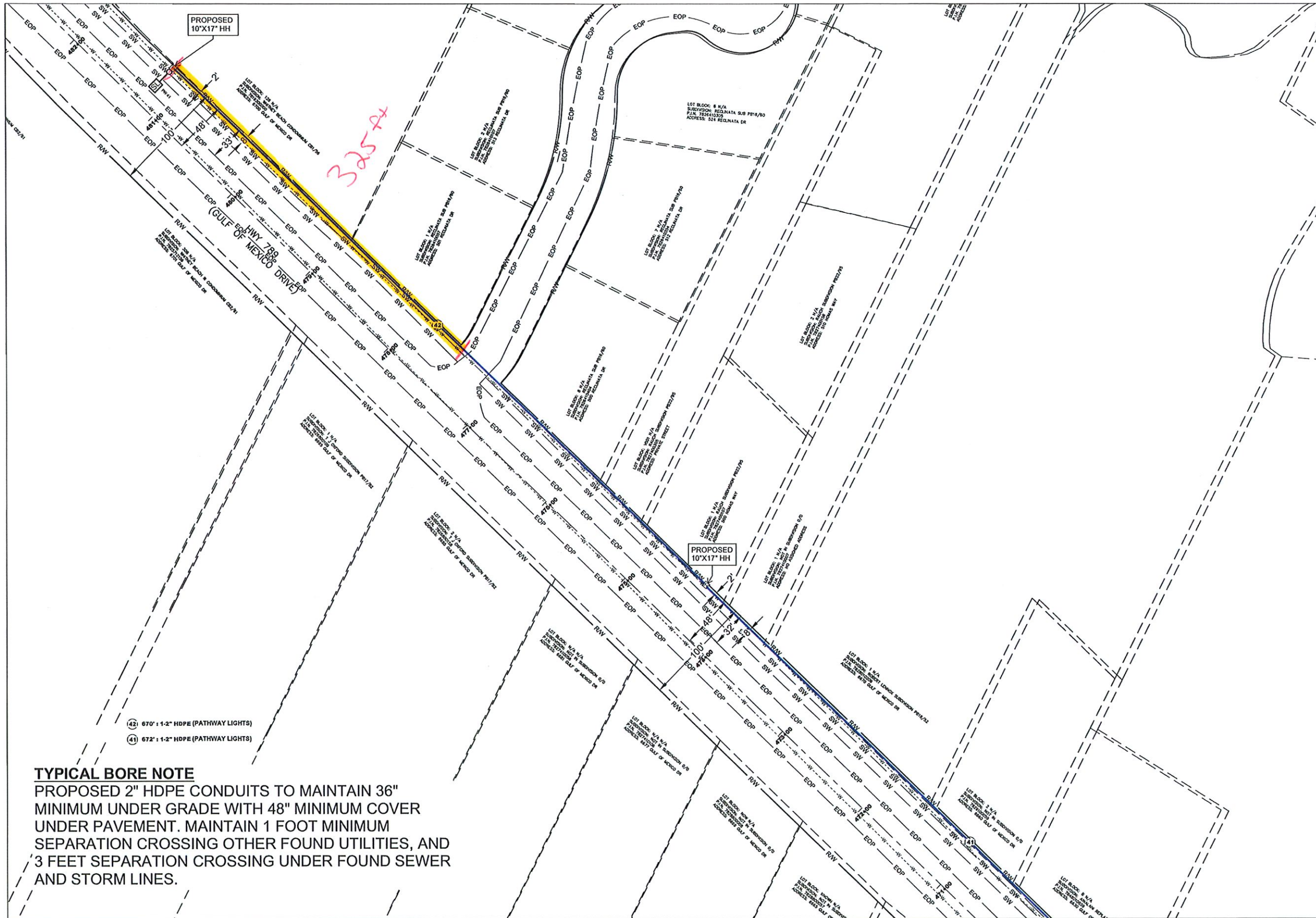
SHEET: 38 OF 39

TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



CONSTRUCTION PLAN

REVISIONS		
	DESCRIPTIONS	INITIAL
08/11/25	ORIGINAL	AKD
09/09/25	REMOVED DESIGN NORTH OF PW 41	AKD



TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

DATE	09/09/25	
SCALE:	1:40	
DRAWN BY:	KJW	
DESIGNED BY:	AKD	
SHEET:	39 OF 39	

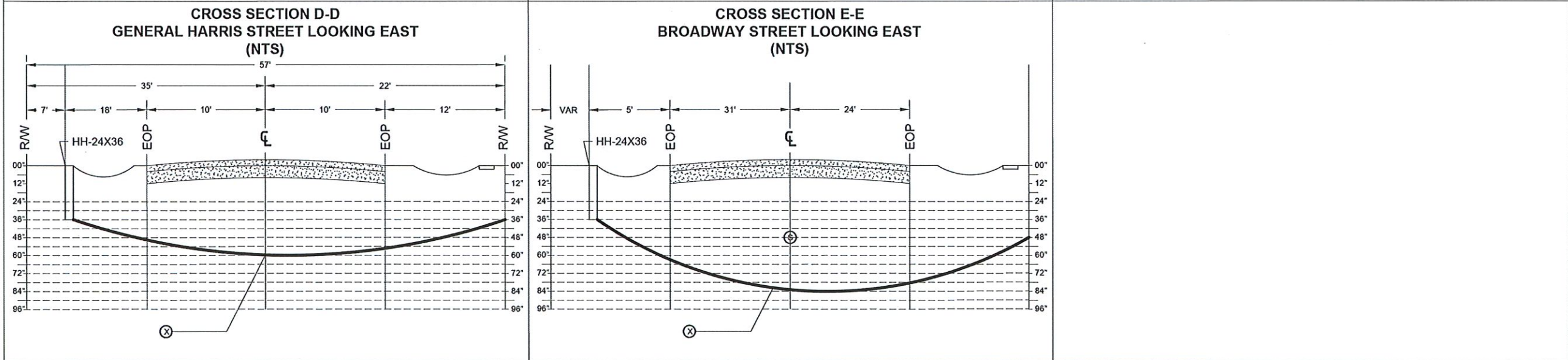
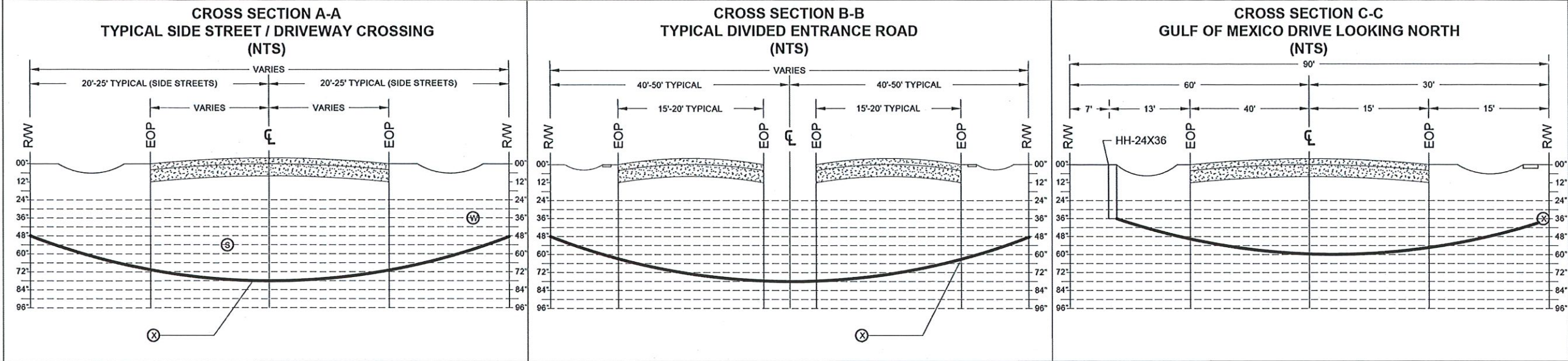
TYPICAL BORE NOTE
PROPOSED 2" HDPE CONDUITS TO MAINTAIN 36" MINIMUM UNDER GRADE WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.



CONSTRUCTION PLAN

REVISIONS

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SYMBOL LEGEND

- | | |
|-----------------|--|
| (G) GAS | (E) ELECTRIC POWER |
| (S) SEWER | (T) TELEPHONE/CABLE TV |
| (W) WATER | (X) PROPOSED TOWN STREET LIGHT & FIBER OPTIC FACILITIES (2"CONDUITS) |
| (D) STORM DRAIN | |

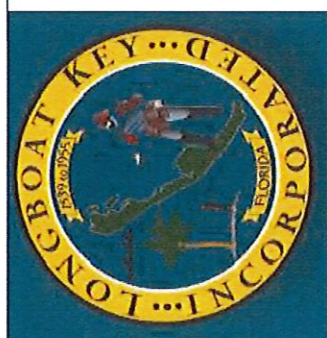
BORE CONSIDERATIONS

PROPOSED 2" HDPE CONDUITS WITH 48" MINIMUM COVER UNDER PAVEMENT. MAINTAIN 1 FOOT MINIMUM SEPARATION CROSSING OTHER FOUND UTILITIES, AND 3 FEET SEPARATION CROSSING UNDER FOUND SEWER AND STORM LINES.

TOWN OF LONGBOAT KEY

DRAWINGS FOR:
PATHWAY LIGHTING UTILITY
CONSTRUCTION

LONGBOAT KEY, FLORIDA

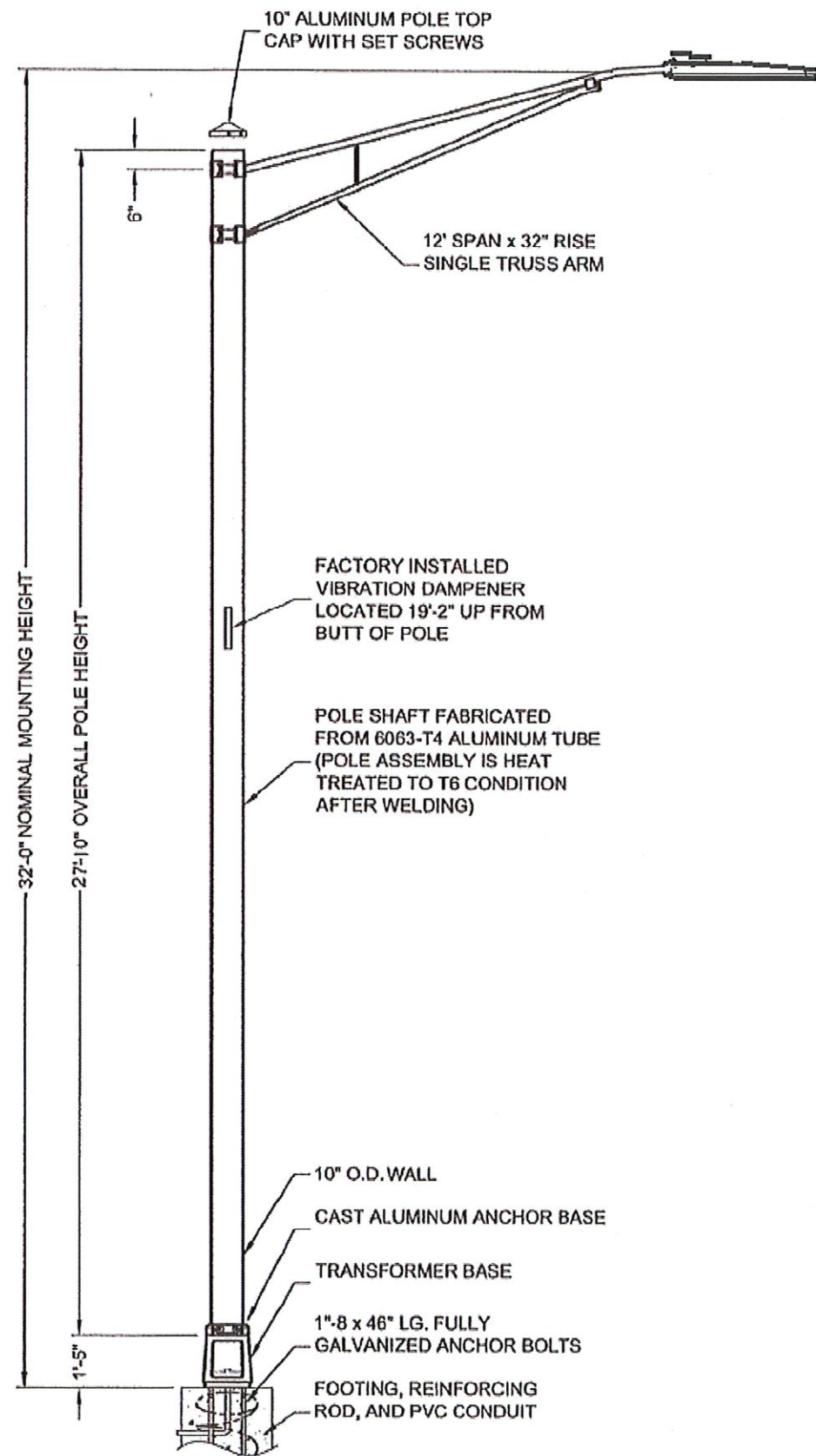


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SCALE:	1:40
DRAWN BY:	KJW
DESIGNED BY:	AKD
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CROSS SECTIONS

REVISIONS		
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PATHWAY LIGHTS

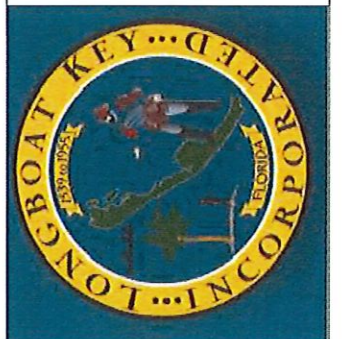
- Pole Material - Aluminum
- Pole Type - Straight round
- Fixture Mounting Height - 32' maximum
- Pole Color - Black Powder Coat
- Base Type - Anchor Base
- Breakaway (Frangible) Base Option to be provided per FDOT requirements.
- Mounting Arm Length - 12'
- Luminaire Model - Phillips Road Focus cobra head LED 3K style or approved equal.
- Luminaires have house side shields where located within sight of any person observing from the beach.
- FUTURE Antenna Model - Commscope VVSSP or approved equal
- FUTURE Small Cell Model - Nokia Flexi-zone Outdoor Microcell Model FW2QQF or approved equal.
- Small Cell Mounting Height - 10'
- Excess Capacity - Design to provide excess of 5 sq ft EPA for future antenna equipment loading.
- Anchor Base Design and Wind loading calculations to be provided by equipment supplier.
- Voltage to be 240V-1Ø. Ballasts to be universal type. Voltage Drop shall not exceed 5%.
- Street light tap handholes shall be 10" x 17" at Light Poles.
- Minimum size wire shall be less than #10 AWG CU THHN or approved equal.
- Minimum conduit size shall be 1" for tap to pole, and 2" for feeders.
- Where alternate luminaires are proposed, supplier shall provide FDOT compliant photometrics.
- All Luminaires to be equipped with photocell control.



TOWN OF LONGBOAT KEY

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LONGBOAT KEY, FLORIDA



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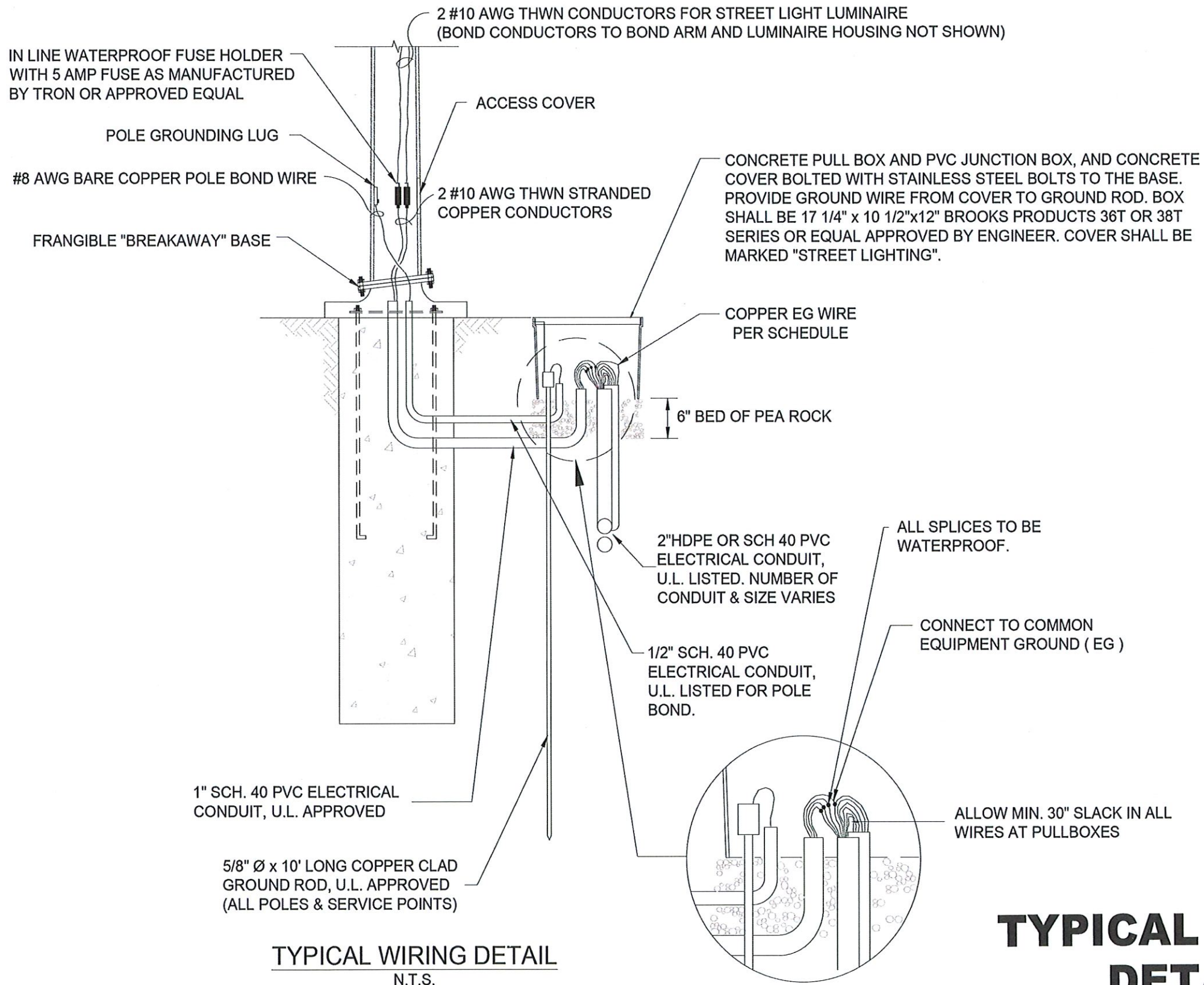
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DETAILS

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TYPICAL WIRING DETAIL
N.T.S.

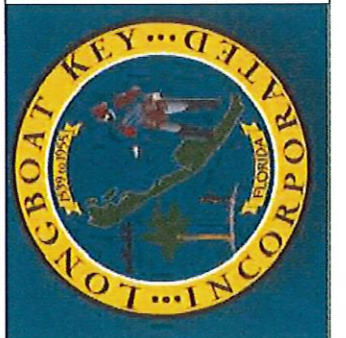
TYPICAL WIRING DETAIL



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LONGBOAT KEY, FLORIDA



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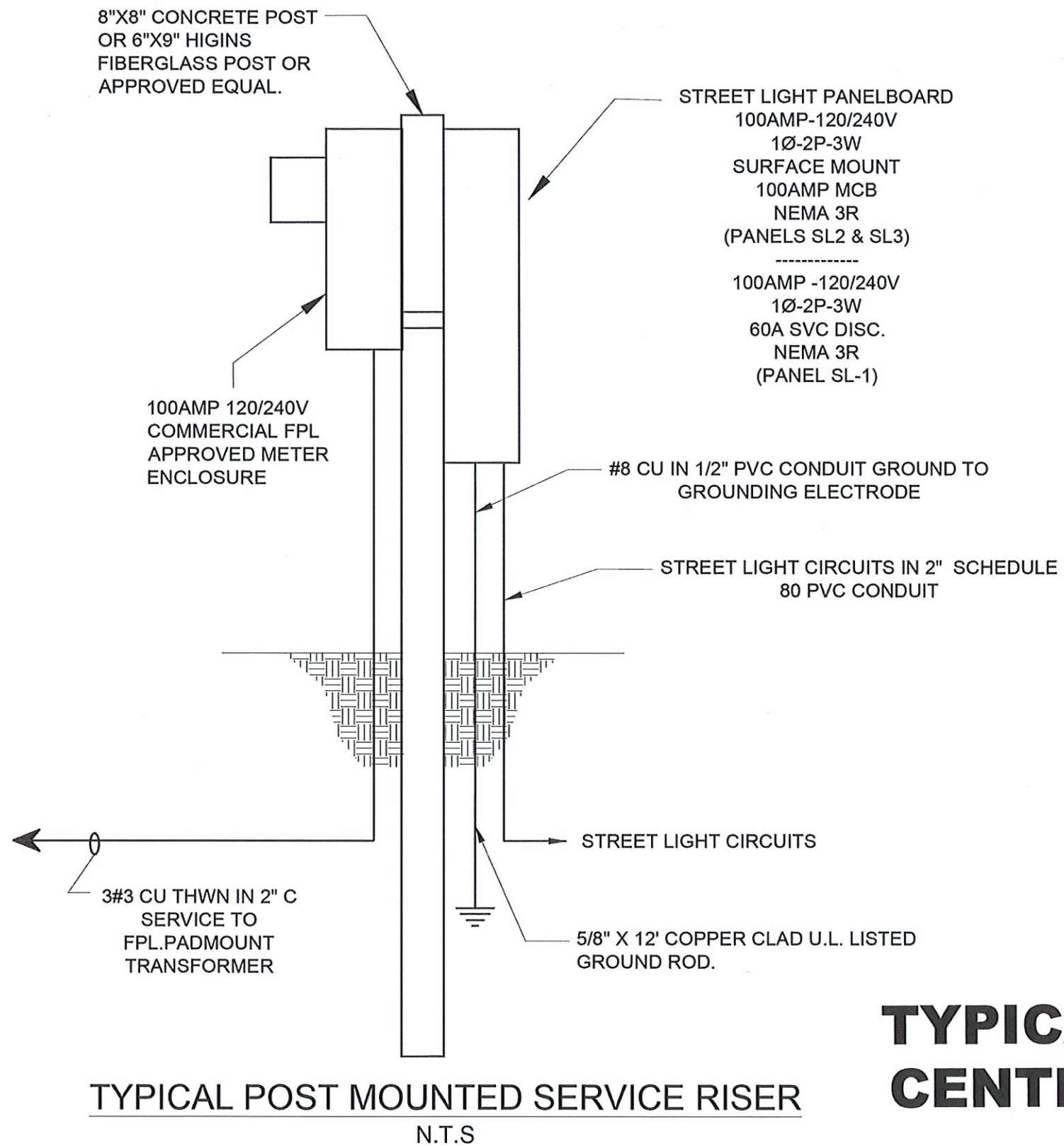
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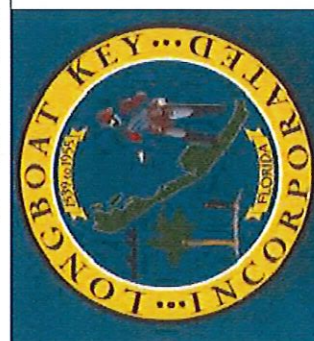


TYPICAL POWER CENTER DETAIL

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LONGBOAT KEY, FLORIDA



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DETAILS

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