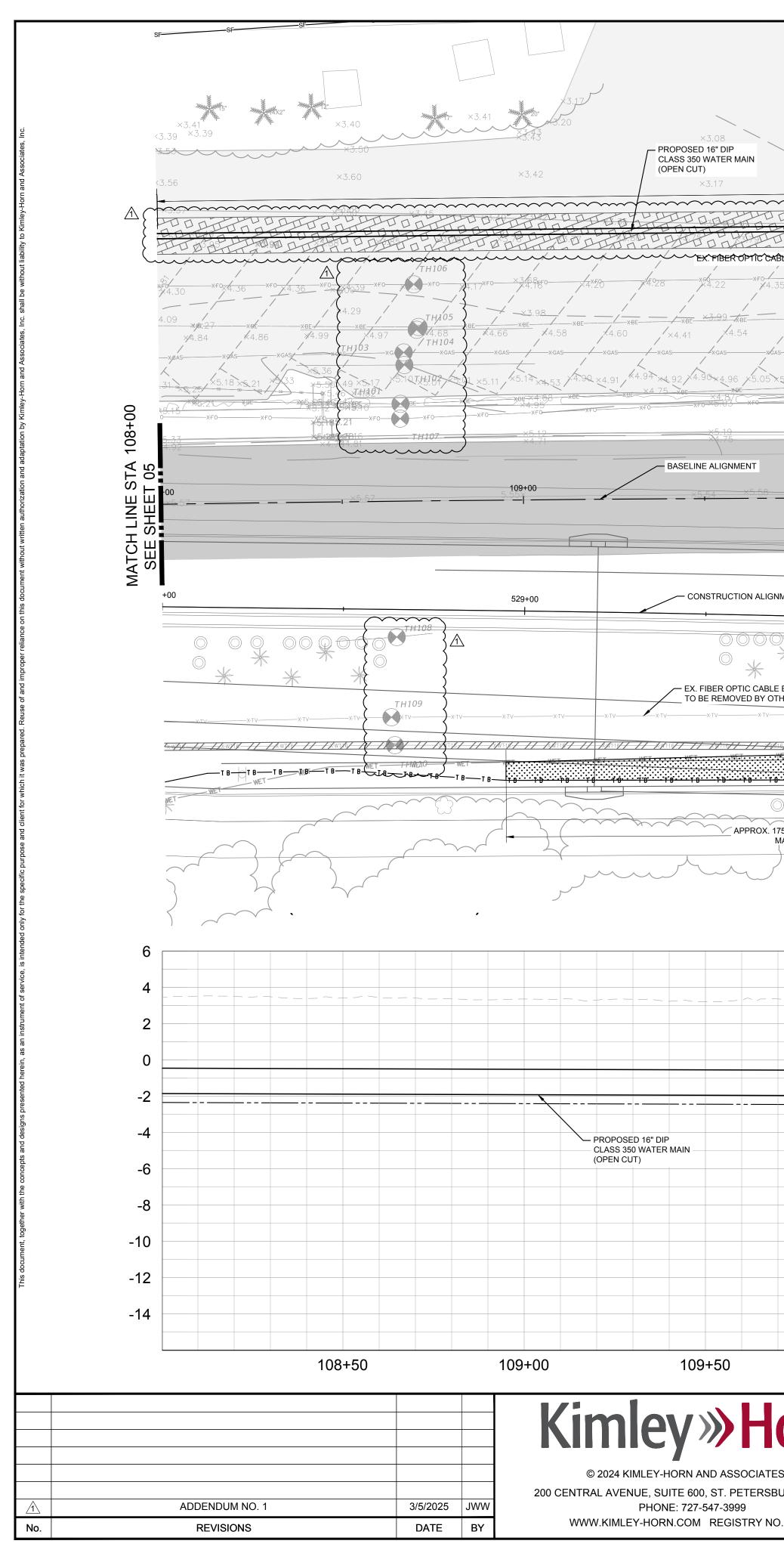


108+00]

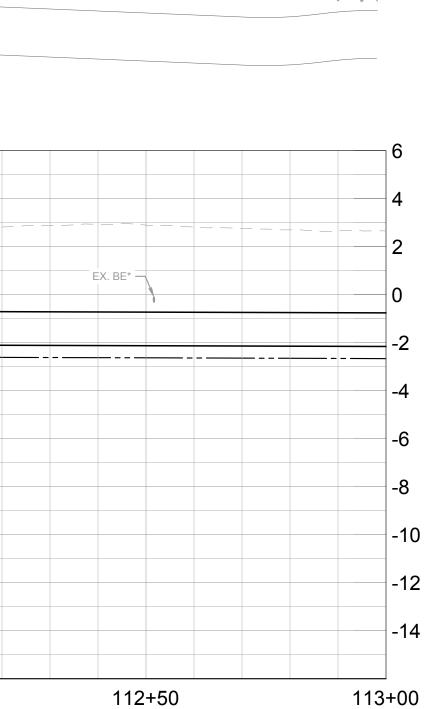
×3.29 ×3.44	×3.49	15" 10" The	—	
- PROPOSED SILT FENCE FOR INLET PROTECTION PER TYPICAL SILT FENCE DETAIL ON SHEET 28 (TYP.)	×3.69 ×3.67 KINGFISH BOAT RAMP		NORTH	
×4.64				
xF0 xF0 xF0 xF0 xF0 xF0 xF0 xF0 xF0	×5,4.30 \$4.26	6	GRAPHIC SCALE IN FI 0 10 20	EET 40
4 ⁸ 3хвехвехвехве	<u>хве</u> <u>хве</u> <u>хве</u> <u>хве</u> <u>хве</u> ×4.32 ×4.89 ×4.87	/ /хве		
.76 ×5.20 ×5.08 ×4. xGASXGAS	98 ×4.89 ×4.87 AS	X4.78 /x-gas	LEGEND	
5.46 ×5.47 ×5.53 ×5.51 ×5.52 ×5.44	×BE ×4.86 VPE	3×5.28	SIDEWALK/CONCRETE DRIVEWAY RESTORATION	
×5.21 ×F0 ×F0 ×F0	x5.24xro xro xro	×+	FULL ROADWAY RESTORATION	
×4.92	*5.04	ATC	FDOT BANK RUN SHELL	
107+00	¥5.55		RESTORATION	
		E E	DEMO EXISTING	
		TA 10	EXISTING ROADWAY	
527+00		528· 00	WETLAND IMPACTS	
			*NOTES: THE ELEVATIONS OF THE UTILITI	
<u> (</u>			WITH AN ASTERISK (*) HAVE BEE ON THE BASIS OF TYPICAL ANTIC COVERAGE. CONTRACTOR SHAL ON THIS INFORMATION FOR CON	CIPATED SOIL
PROPOSED SILT I PER TYPICAL SILT DETAIL ON SHEET	Γ FENCE		BUT SHALL BE RESPONSIBLE FO LOCATIONS (HORIZONTAL AND V ALL UTILITIES CROSSING THE PR	R FIELD ERTICAL) OF ROPOSED
×тvхтvхтvхтv			PIPELINES. CONTRACTOR SHALL THE UNIT COST OF THE SUBJECT MAIN CONSTRUCTION, THE COST	T WATER
	 	16-11-1-1	ADJUSTMENTS NECESSARY TO A DESIGN MINIMUM SEPARATION F UTILITIES CONFLICTING WITH TH CONSTRUCTION OF THE PROPOS	OR E
	SF	SF	MAIN. INTERRUPTIONS OF ANY E UTILITY SERVICES SHALL BE NO EFFECTED CUSTOMERS A MINIM	TICED TO UM OF 48
SF_SF	SF WET WET	AL I	HOURS IN ADVANCE AND SHALL EXCEED 4 HOURS IN DURATION. WHERE CONCRETE REPAIRS ARI	
WET WET WET			NECESSARY AND EXPANSION JOINTS ARE PRESEN CONTRACTOR TO REMOVE AND CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHER REPLACE	IT, REPLACE
		5	CONCRETE AS NECESSARY.	
		7	NOTES: 1. CONTRACTOR SHALL M	
			MINIMUM OF 12" SEPAR BETWEEN EXISTING UT PROPOSED UTILITIES 2. CONTRACTOR SHALL R	LITIES AND
		6	PIPE PER RESTRAIN LE TABLE ON DETAIL SHE	NGTHS ET 26
		4	3. CONSTRUCTION DEWAT SHALL BE CONDUCTED ACCORDANCE WITH ALL STATE, AND LOCAL REG	IN L FEDERAL,
		2	INCLUDING BUT NOT LIN CHAPTERS 62-621.300 A OF THE FLORIDA ADMIN	/ITED TO ND 62-620
		0	CODE (FAC) 4. EXISTING GAS LINE AND ELECTRIC TO BE FIELD	
		-2	WHERE NECESSARY PF CONSTRUCTION 5. WHERE LESS THAN 6' M	
			SEPARATION IS SHOWN SHALL BE RESTRAINED TO MEET FDEP SEPARA	I ALL JOINTS IN ORDER
			REQUIREMENTS.	
			GROUNDWATER DEWATERING N	<u> </u>
		-8	THE PRESENCE OF GROUNDW SHOULD BE ANTICIPATED ON PROJECT. CONTRACTOR'S BID	THIS SHALL
		-10	INCLUDE CONSIDERATION FOR ISSUE. WHEN PERFORMING GF OPERATIONS DURING PERIODS WEATHER, PROVIDE ADEQUAT	RADING S OF WET
		-12	DEWATERING, DRAINAGE AND WATER MANAGEMENT TO COM MOISTURE OF SOILS.	GROUND
		-14	KNOW WEAT'	S BELOW
107+00	107+50	108+00	ALWAYS CA BEFORE YO It's fast. It's free. It www.calisuns	LL 811 DU DIG Po the law.
		400.00	SHEET N	UMBER
PLAN AND	PROFILE [108+001	103+0() - 0	5

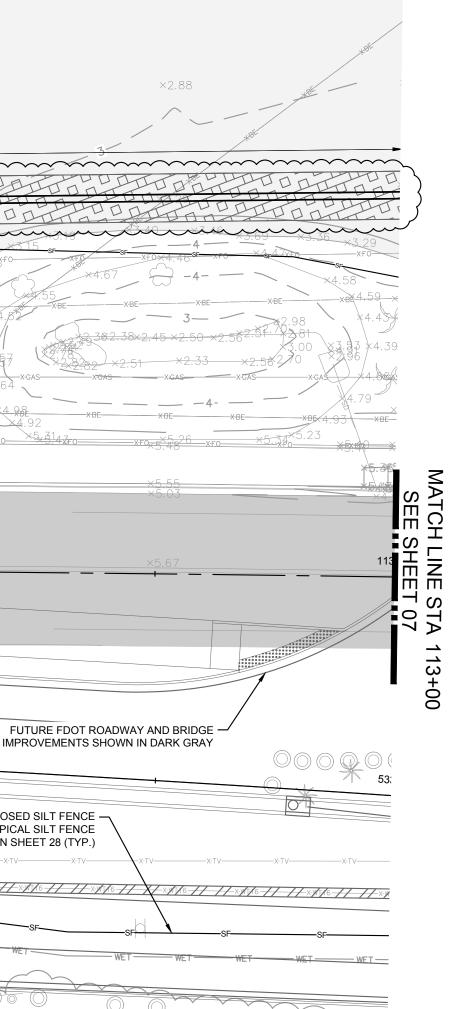


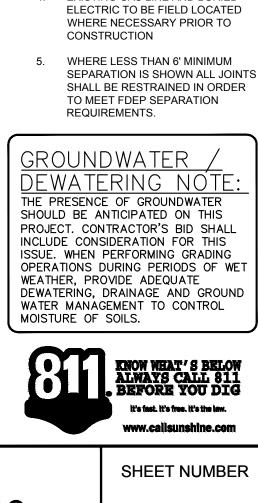
			/		¥2.13		
	KINGFISH BC					*2.30	
×	2.81 PROPOSED SILT FOR INLET PROT PER TYPICAL SILT DETAIL ON SHEET 2	ECTION FENCE	APPROX. 503' OPEN CUT 8' WIDE TRENCH		×2.58	×2.61 ×2.57 #	
					×2.62		
	4.26 .95	4.94 XBE XBE	10" ×4.55 ×4.70.62 xF0 ×4.68 ×F0 × PROPOSED BOLLARDS × × × TAIL ON SHEET 28 (TYP.) ×2.9 × × >51×3.383x48 × × × × ×3.17 ×3.04 ×.92 × ×	×4 9 ×4.00 × 4.	ABAGTERIOLOGICAL SAMPLE POIN CHLORINE INJECTION POINT FO-STA:111+07.64	XF0	,FC
×92 ×4.75 ×4.70 ×4.70 ×5.06 ×5.11 ×5.06 ×5.06 ×5.00 ×5.00	xBE xGAS xGAS xGAS xGAS xGAS xGAS xGAS xGAS	4.36 4.36 5.07 3.69 3.583 5.03 5.09 3.69 3.583 5.02 5.09 5.00	xGAS 4 X4.69 X4.54 38X 38X 38X 38X 38X	×3.13 .3123 .3123 .4.76 ×6.60 ×6.60 -38x -38x -38x	EX. BURIED ELECTRIC B	Y FPL X GAS X	
	5.15 R OPTIC CABLE BY FRON 5.25 4.87 5.25 5.5 5.		5.275.26	×5.40 ×5.55 ×5.07	×5.68 ×5.29	×4.49 ×4.64×4.57 ×4.49 ×4.49 ×4.49 ×4.49 ×4.49 ×4.49 ×4.64×4.57 ×5.50 ×5.50 ×5.50 ×5.27	
5.55×			IC CABLE BY FRONTIER ED BY OTHERS 111 	1+00	×5.81	112+00 ₇₈	
	SR 64	(MANATEE AVE)				EDOT DRAINAGE EMENTS SHOWN IN DARK GRAY	
IMENT 530	+00		53	1+00 		532+00	IN
BY FRONTIER HERS		G 16" DIP WATER MAIN EMOVED	THAN OR EQUA				ΡI
<u>₩_7/_////////////////////////////////</u>	0.02	PORARY WETLAND IMPACT #2:	KWT/6/KWT/6/			хти хти хти <i>т</i> ти <i>к</i> ти <i>к</i> ти <i>к</i> ти <i>т</i> ти <i>к</i>	-x-"
75' OPEN CUT WITHIN WETL MAX. 8' WIDE TRENCH							F
		\sum					
	- EXISTING GF	RADE OVER PROPOSED WATER MAI	N				
а. М. Х.		EX. BE* -			SED 6" HYDRANT ASSEMBLY #2	EX. BE*	
		TRENCH DEPTH ELEVATION IS 6" BELOW PIPE DEPTH					
110	+00	110+50	111	+00	111+50	112+00	
orn	KHA PROJEC 148400098 DATE DECEMBER 202		No. 1	Manatee			
S, INC. URG, FL 33701). 35106	SCALE AS SHO DESIGNED BY J DRAWN BY /	₩N SR 64 (M	ITRACOAS	VENUE) V		JORDAN W. WALKER, P.E. FL LICENSE NUMBER 78652 FL DATE:	

PLAN AND PROFILE [108+00 -113+00]









- ACCORDANCE WITH ALL FEDERAL STATE, AND LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO CHAPTERS 62-621.300 AND 62-620 OF THE FLORIDA ADMINISTRATIVE CODE (FAC)

- 4. EXISTING GAS LINE AND BURIED
- SHALL BE CONDUCTED IN
- 2. CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26 3. CONSTRUCTION DEWATERING
- PROPOSED UTILITIES
- 1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND

NOTES:

CONCRETE AS NECESSARY.

NEXT EXPANSION JOINT; OTHERWISE, REPLACE

CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE

WHERE CONCRETE REPAIRS ARE NECESSARY AND EXPANSION JOINTS ARE PRESENT.

THE ELEVATIONS OF THE UTILITIES MARKED WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED PIPELINES. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT WATER MAIN CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED WATER MAIN. INTERRUPTIONS OF ANY EXISTING UTILITY SERVICES SHALL BE NOTICED TO EFFECTED CUSTOMERS A MINIMUM OF 48 HOURS IN ADVANCE AND SHALL NOT EXCEED 4 HOURS IN DURATION.

WETLAND IMPACTS

*NOTES:

FDOT BANK RUN SHELL

EXISTING ROADWAY

DEMO EXISTING

FDOT BANK RUN SHELL

SIDEWALK/CONCRETE

FULL ROADWAY

RESTORATION

DRIVEWAY RESTORATION

MILLING AND RESURFACING

GRAPHIC SCALE IN FEET

40

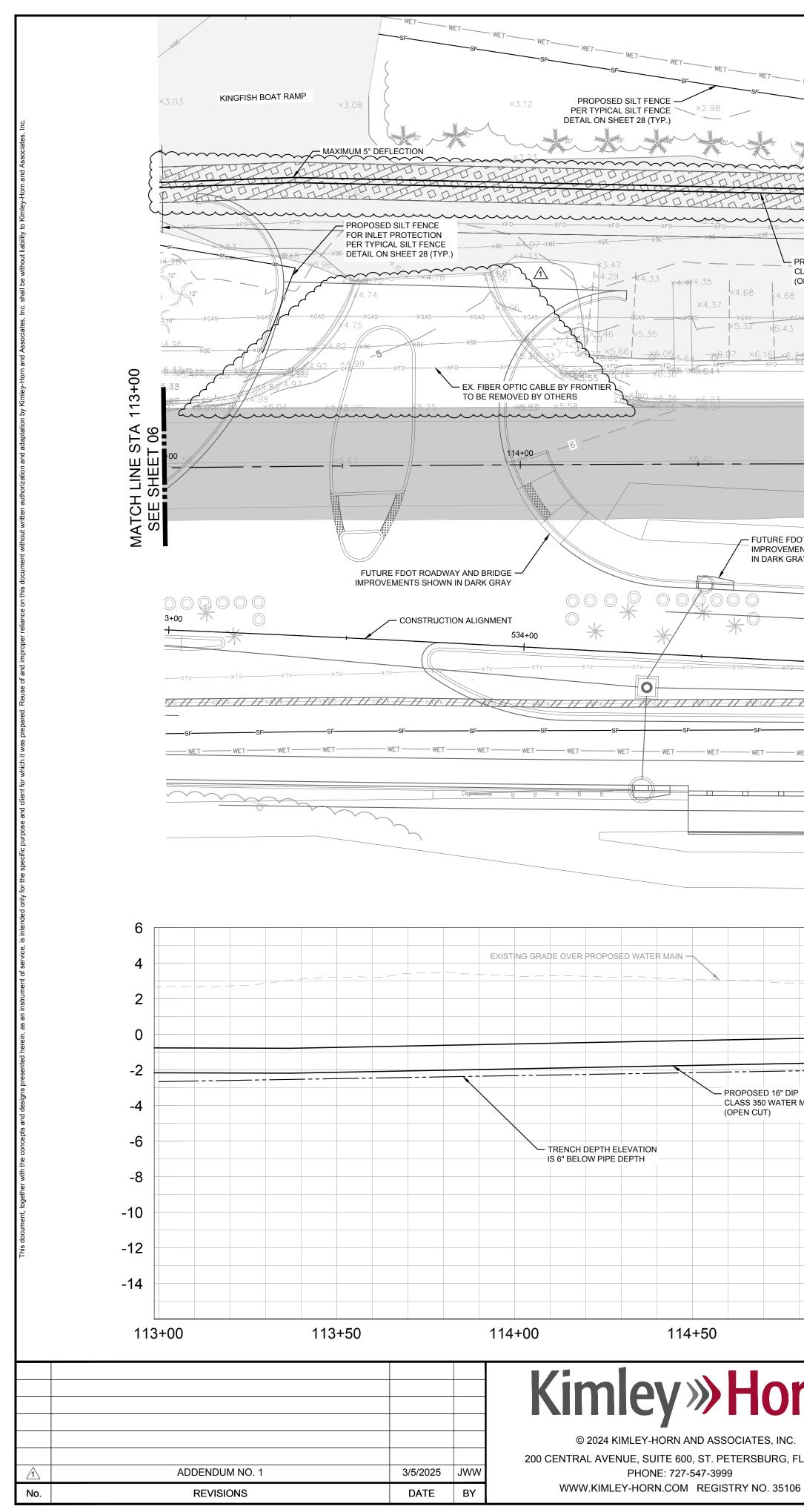
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RESTORATION

<u>LEGEND</u>

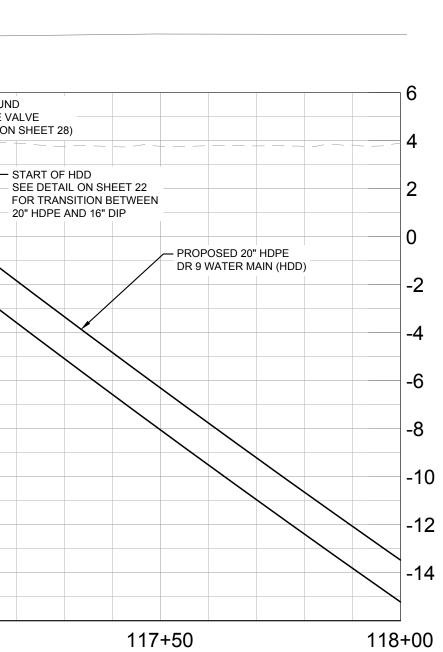


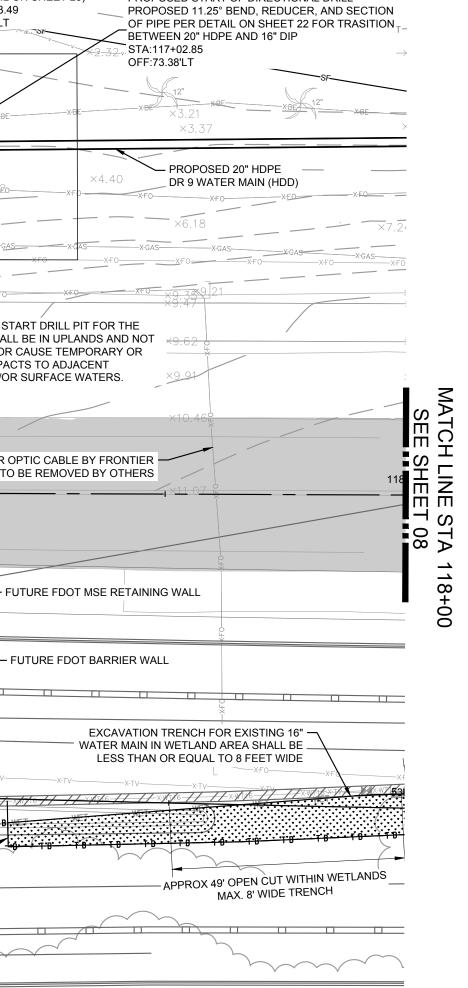
			APPROXIMATE STAGING AREA, SEE MAINTENANCE OF DRILL PLAN ON SHEET 19 FOR ADDITIONAL DETAILS		PROPOSED 16" ISOLATION GATE V/ STA:116+75.68 OFF:73.47'LT
ET WET WET SF	3.04 WET WET 3.04 3.0	EXISTING BOLLARDS WET- PROPOSED BO DETAIL ON SHE PROPOSED 6" HYDRANT ASSE BACTERIOLOGICAL SAMPLE PO	EET 28 (TYP.)	wer wer xWB6 Friedd 92 Friedd 9	WET PROPOSED ABOVE-GROUND AIR RELEASE VALVE (SEE DETAIL ON SHEET 23) STA:116+93.49 2.46 V 22.88 V V V V V V V V V V V V V V V V V V V
		CHLORINE INJECTIO STA:1		2.76 3.17 3.42 EX. BURIED ELECTRIC BY FPL XBE XBE XBE	XBE XBE XBE XBE
PROPOSED 16" DIP CLASS 350 WATER MA (OPEN CUT)	TRENCH	EX. FIBER OPTIC CAB	LE BY MCI (VERIZON)/SPECTRUM		xF0
×4.68 ×4.82 ×4.99 ×6.24 ×6.04 ×6.30 ×6.30 ×6.24	X4. V	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	×6.75 ×7.00 ×6.676-	xF0 X	XF0 XF0 XF0 XF0 12 8.21 XF0 XF0 12 8.21 XF0 XF0 X58.48 THE PROPOSED START DRILL PIT F X8.25 WATER MAIN SHALL BE IN UPLANDS IN WETLANDS NOR CAUSE TEMPOR
×(×7.45 ×7.56 ×7.13	*7.85 8 *8.11 *8.01 *7.84 	×8.21	X8.65 X9.20 X8.65 X9.20 X9.20 X9.20 X9.56 X9.56 X9.56 X9.56 X9.56 X9.56 X9.56 X9.56 X9.56
115+ 	00 SI	R 64 (MANATEE AVE)	116+00 <u>116+00</u>		117+00 TO BE REMOVED B
TURE FDOT DRAINAGE PROVEMENTS SHOWN DARK GRAY	BEGIN FUTURE FDOT	MSE RETAINING WALL	0	$\bigcirc \bigcirc $	
535	5+00	EXISTING 16" DIP WATER TO BE REMOVED	MAIN EX. FIBER OPTIC CABLE BY TO BE REMOVED B	<u> </u>	
×1V ×TV // // /W/16// // /W/16// SF	xTV xTV 4.				TB T
WET WET		ET WET WET WET	WET WET WET		0.0135 AC
		6" HYDRANT ASSEM		16" ISOLATION GATE VALVE	ABOVE-GROUND AIR RELEASE VALVE (SEE DETAIL ON SHEET 28)
				EX. BE*	START OF HDD SEE DETAIL ON S FOR TRANSITION 20" HDPE AND 16
D 16" DIP D WATER MAIN T)				PROPOSED 16" DIP - CLASS 350 WATER MAIN (OPEN CUT) -	
				16"X20" RED	
115+0	00	115+50	116+00	116+50	117+00
orn	KHA PROJECT 148400098 DATE DECEMBER 2024 SCALE AS SHOWN				LICENSED PROFESSIONAL
S, INC. URG, FL 33701	DESIGNED BY JWW DRAWN BY ALC		NATEE AVENUE RACOASTAL CF	E) WATER MAIN	fl license number 78652

CHECKED BY KMS MANATEE COUNTY

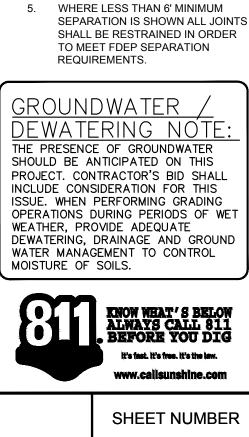
FL DATE:

PLAN AND PROFILE [113+00 -118+00]





PROPOSED START OF DIRECTIONAL DRILL



07

- CODE (FAC) 4. EXISTING GAS LINE AND BURIED ELECTRIC TO BE FIELD LOCATED WHERE NECESSARY PRIOR TO CONSTRUCTION
- OF THE FLORIDA ADMINISTRATIVE
- CHAPTERS 62-621.300 AND 62-620
- INCLUDING BUT NOT LIMITED TO

- STATE, AND LOCAL REQUIREMENTS
- 3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL
- 2. CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26
- 1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND PROPOSED UTILITIES

NOTES:

REPLACE

NECESSARY AND

CONCRETE AS NECESSARY.

CONCRETE UP TO THE

EXPANSION JOINTS ARE PRESENT,

CONTRACTOR TO REMOVE AND REPLACE

NEXT EXPANSION JOINT; OTHERWISE,

THE ELEVATIONS OF THE UTILITIES MARKED WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED PIPELINES. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT WATER MAIN CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED WATER MAIN. INTERRUPTIONS OF ANY EXISTING UTILITY SERVICES SHALL BE NOTICED TO EFFECTED CUSTOMERS A MINIMUM OF 48 HOURS IN ADVANCE AND SHALL NOT EXCEED 4 HOURS IN DURATION. WHERE CONCRETE REPAIRS ARE

* * * * * * * * * *

WETLAND IMPACTS

*NOTES:

FDOT BANK RUN SHELL

EXISTING ROADWAY

DEMO EXISTING

FULL ROADWAY

<u>LEGEND</u>

RESTORATION

FDOT BANK RUN SHELL

RESTORATION MILLING AND RESURFACING

SIDEWALK/CONCRETE A ... A .. DRIVEWAY RESTORATION



GRAPHIC SCALE IN FEET 10 20 40



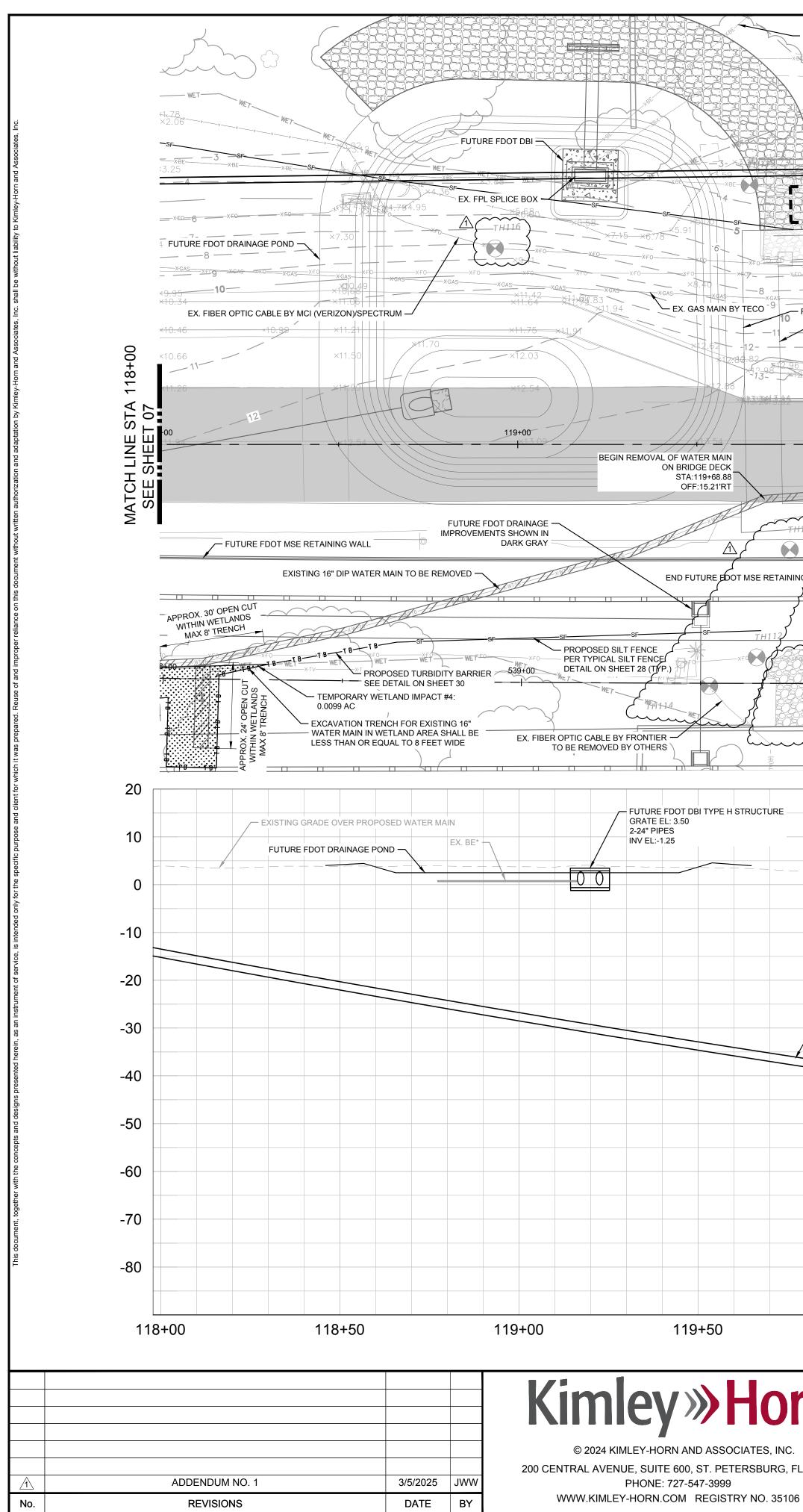


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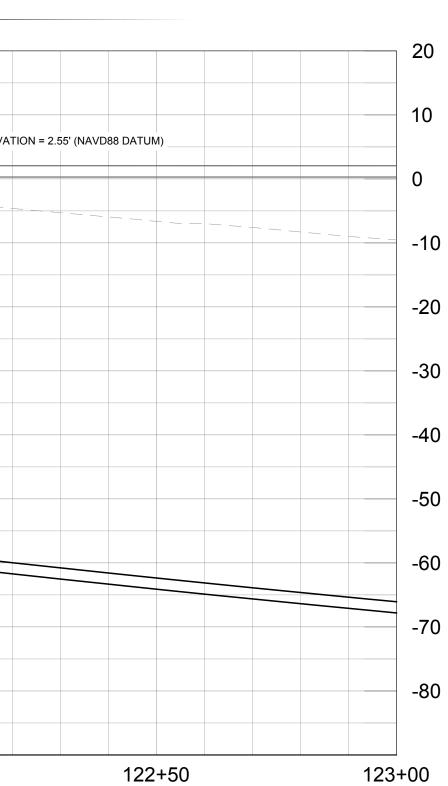
SOLATION GATE VALVE

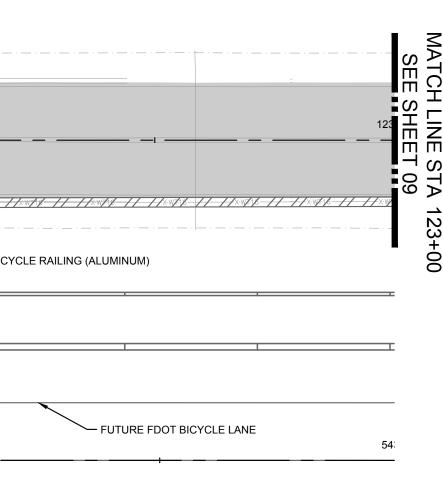


ſ		DT SIDEWALK			 	FUTURE FDO	DT CONCRETE TRAFFIC B	DOT PEDESTRIAN/BIG
	FUTURE FDOT S			541+00	CONSTRUCTION A	LIGNMENT		542+00
URE			FU		E MSE RETAINING WALL	0.72' (NAVD88 DATUM)		MHW ELEV
PROPOSED 2 DR 9 WATER								
Image: select								

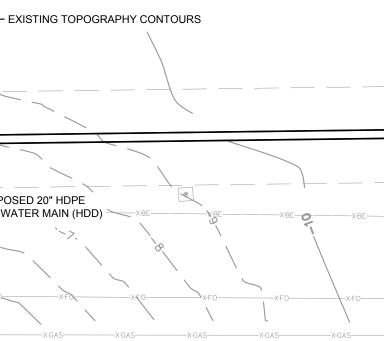
PLAN AND PROFILE [118+00 -123+00]

80





BER OPTIC CABLE BY MCI (VERIZON)





www.callsunshine.com

SHEET NUMBER

NOTES: THE ELEVATIONS OF THE UTILITIES MARKED WITH AN ASTERISK () HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED PIPELINES. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT WATER MAIN CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED WATER MAIN. INTERRUPTIONS OF ANY EXISTING UTILITY SERVICES SHALL BE NOTICED TO EFFECTED CUSTOMERS A MINIMUM OF 48 HOURS IN ADVANCE AND SHALL NOT EXCEED 4 HOURS IN DURATION. WHERE CONCRETE REPAIRS ARE NECESSARY AND EXPANSION JOINTS ARE PRESENT. CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE, REPLACE CONCRETE AS NECESSARY. NOTES:

1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION

PROPOSED UTILITIES

2. CONTRACTOR SHALL RESTRAIN

3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN

4. EXISTING GAS LINE AND BURIED ELECTRIC TO BE FIELD LOCATED WHERE NECESSARY PRIOR TO

> WHERE LESS THAN 6' MINIMUM SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER TO MEET FDEP SEPARATION

CODE (FAC)

CONSTRUCTION

REQUIREMENTS.

<u>GROUNDWATER</u>

DEWATERING NOTE: THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS

ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND

WATER MANAGEMENT TO CONTROL

MOISTURE OF SOILS.

(i).

PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26

ACCORDANCE WITH ALL FEDERAL

INCLUDING BUT NOT LIMITED TO CHAPTERS 62-621.300 AND 62-620 OF THE FLORIDA ADMINISTRATIVE

STATE, AND LOCAL REQUIREMENTS

BETWEEN EXISTING UTILITIES AND

WETLAND IMPACTS

EXISTING ROADWAY

GRAPHIC SCALE IN FEET

40

A ... A ..

10 20

SIDEWALK/CONCRETE

FULL ROADWAY

RESTORATION

RESTORATION

DEMO EXISTING

S S

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23

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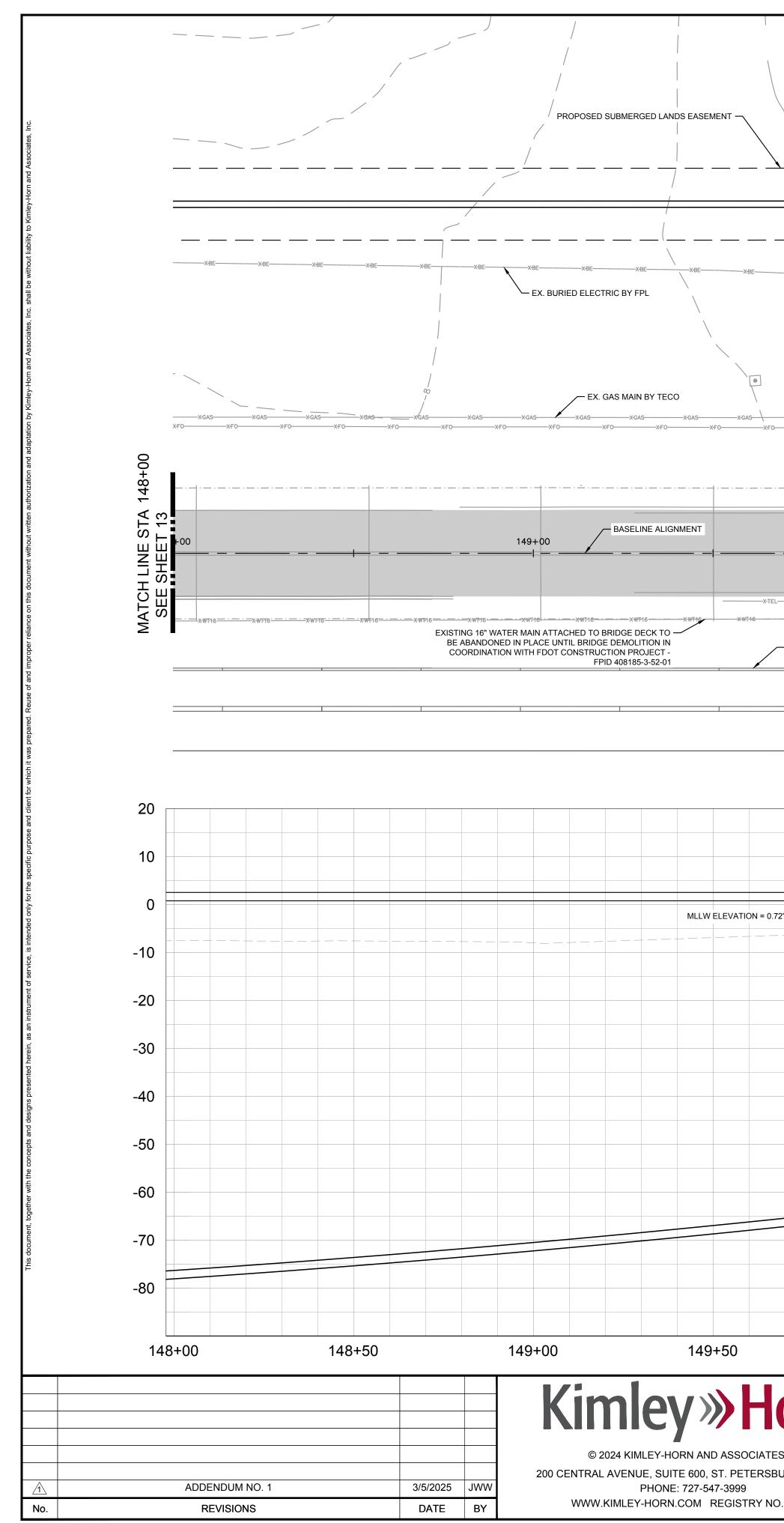
DRIVEWAY RESTORATION

MILLING AND RESURFACING

FDOT BANK RUN SHELL

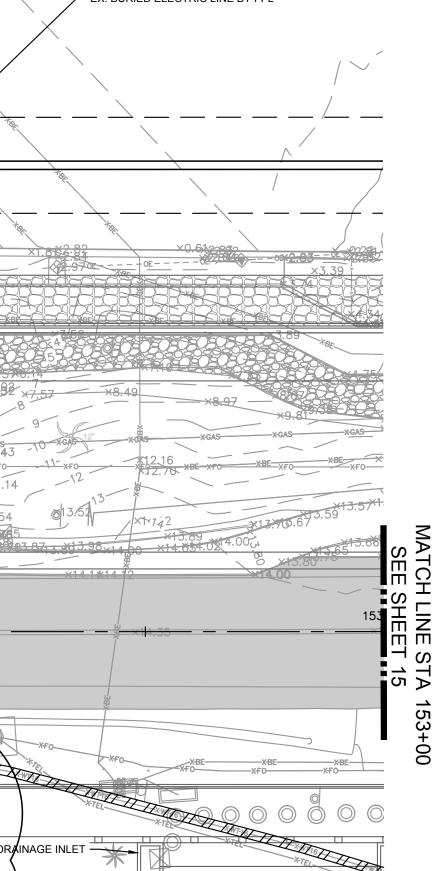
<u>LEGEND</u>

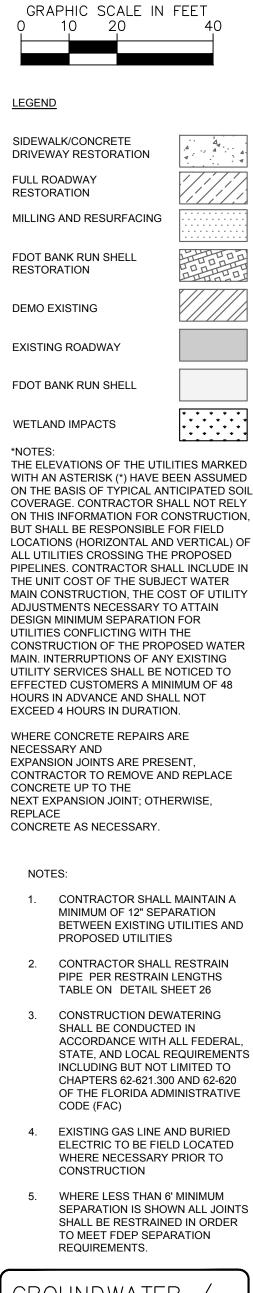
FDOT BANK RUN SHELL



EXISTING TOPOGRAPHY CONTOURS			EX. FPL EASEMENT	Xell Xell Xell	- EX. BURIED ELEC	TRIC LINE BY FPL
		1 0 / 3-				/~/
			ABANDONED FPL BURIED E			
	/ /					
		EXISTING FENCE BENEATH BRIDGE		×2.94 5 5 5 5 5 5 5 5 5 5 5 5 5		
XGASXGASXGASXGASXGASXGASXFOX	XGASXGASXGASXFO	XGASXGASXGASXGASXGASXF0_XF0	XGAS X AS X X 1.5 G F0 X AS X X 1.5 G YF0 X 10 X	FUTURE FDOT SIDEWALK	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	XGAS XGAS XOND KBE XFO XBE XFO XBE XFO X13.7(3).67 3.59 X13.7(3).67 3.59 X13.7(3).7(3).7(3).7(3).7(3).7(3).7(3).7(3
		151+00 				SEE SHEET 15
- XTEL XTEL XTEL XTEL XTEL XTEL XTEL XTEL	XWT16XWT16XWT1 <u>6</u>			EXISTING 16" DIP WATER MAIN TO BE REMOVED	WT16 XF0	X8E X8E X8E F0 XF0 XF0
	FUTU	UTURE FDOT BRIDGE MSE RETAININ RE FDOT BRIDGE BULKHEAD	IG WALL		SHOWN IN DARK GRAY	20
2' (NAVD88 DATUM)	ON = 2.55' (NAVD88 DATUM)					0
EXISTING GRADE OVER PRO			ABANDONED	BURIED ELECTRIC LINE BY FPL*		-10
						-20
	PROPOSED 20" HDPE DR 9 WATER MAIN (HDD)		20' MIN.			-40
						-60
						-70
150+00	150+50	151+00	151+50	152+00	152+50	153+00
URG, FL 33701 DRAWN BY ALC	SR 64 (MANATEE INTRACOA	AVENUE) W	SING	LICENSED PROFESSIONAL JORDAN W. WALKER, P.E. FL LICENSE NUMBER 78652 FL DATE:	PLAN AN	D PROFILE [´ 153+00]

148+00 -





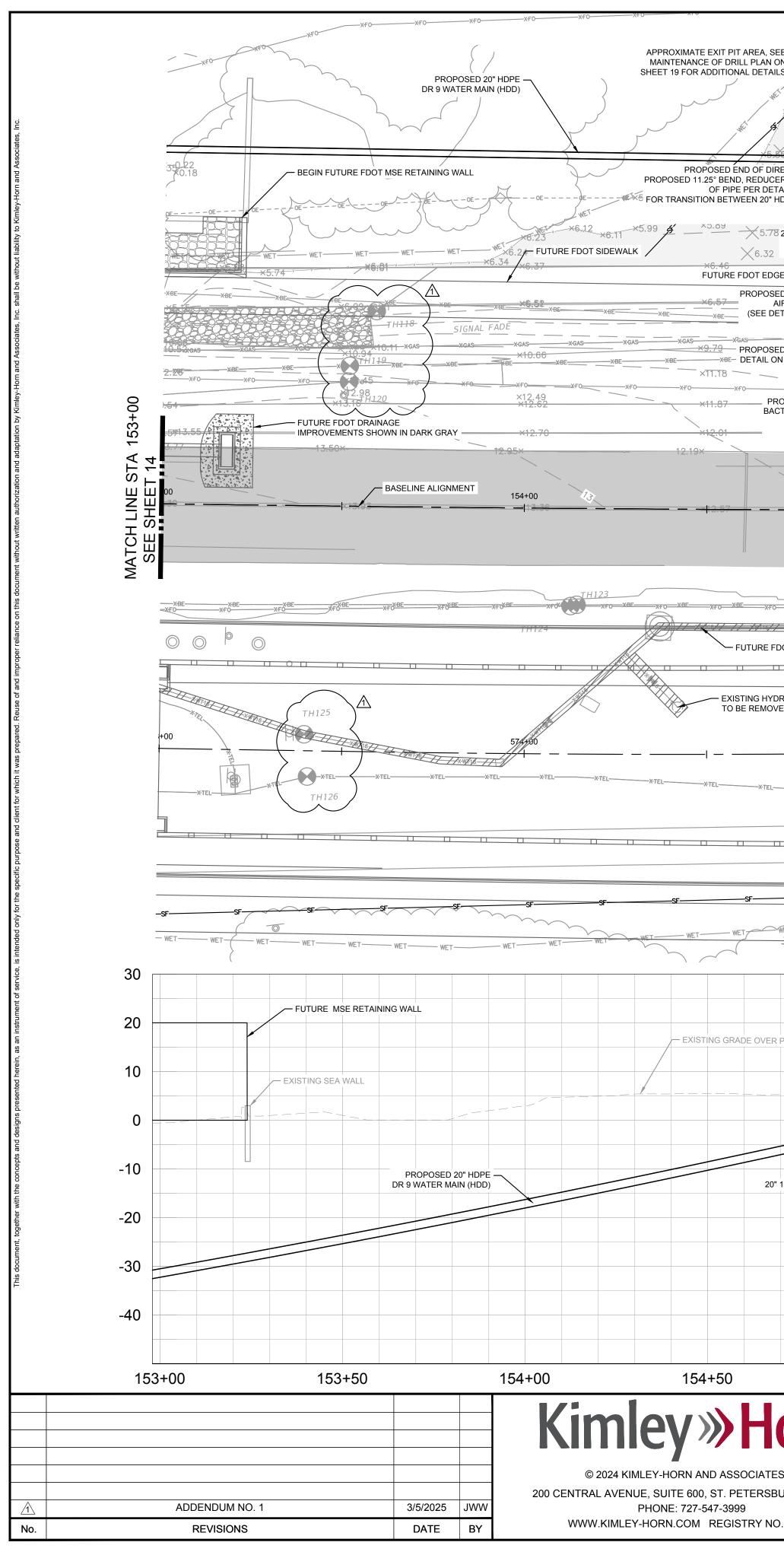
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GROUNDWATER DEWATERING NOTE: THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DUPING PERIODS OF WET OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



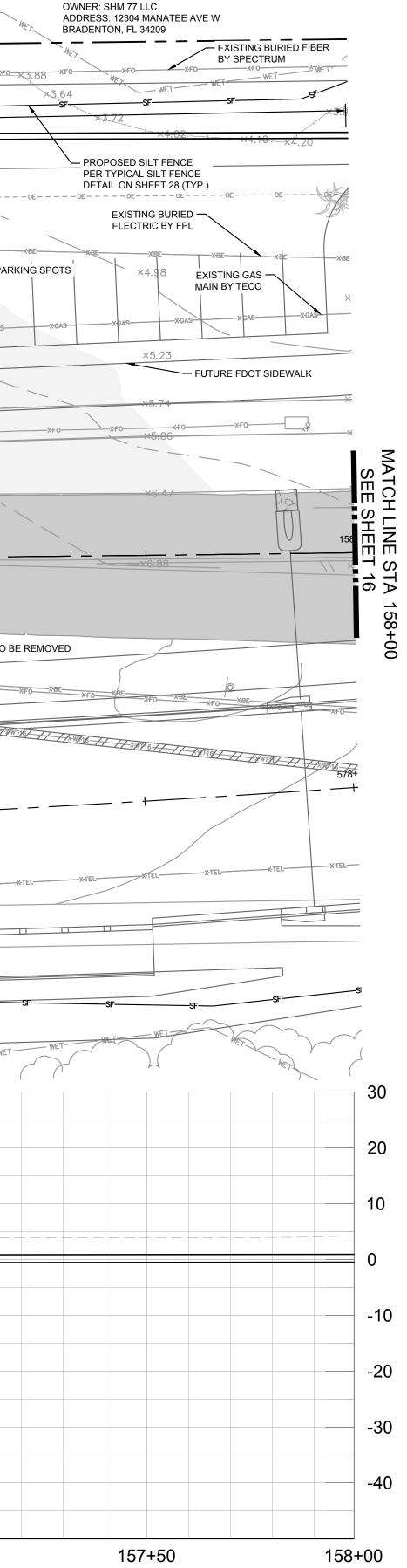
SHEET NUMBER

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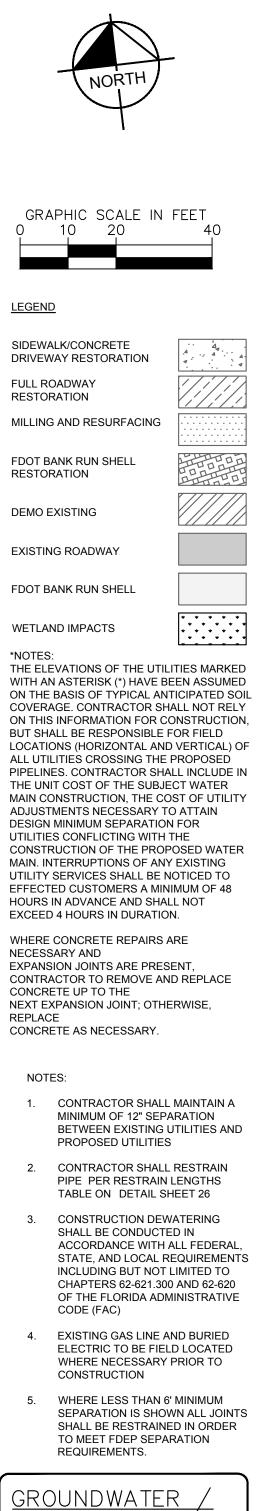


PROPOSED 16" ISOLA S 45.00	×3.48 TION GATE VALVE STA:155+28.50 OFF:96.09'LT	×3.64 WET SF.	MET KE	OPEN-CUT TRENCHING LENGTH 1120 FT
20" 11.25° DI VERTICAL BEND STA:155+14.00 OFF:96.45'LT			5.13 WET	F. X4.28
ECTIONAL DRILL R, AND SECTION NIL ON SHEET 22 OPE AND 16" DIP STA:155+13.75 OFF:94.79'LT 20"X16" REDUCER STA:155+20.15 OFF:95.03'LT		E PROPOSED END DRILL PIT FOR THE TER MAIN SHALL BE IN UPLANDS AND NOT WETLANDS NOR CAUSE TEMPORARY OR	×5.54 ×5	×4.36 - OE - OE
COF PAVEMENT DABOVE-GROUND R RELEASE VALVE TAIL ON SHEET 23) STA:155+20.40 OFF:60.80'LT D BOLLARDS SEE SHEET 28 (TYP.)	XO.SO SE WE	CONDARY IMPACTS TO ADJACENT TLANDS AND/OR SURFACE WATERS. 19 7.47 ×6.62 8.28 × 7.98 ×6 × 6.62 ×6.62 ×6.62 ×6.62 ×6.62 ×6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 6.62 × 7.77 × 7.72 × 7.7	xgas xgas xgas xga ×6.55	×5.60
2005 2005	р г за т х 9.94	×F0 ×9.27×F9002 ×F0 ×8.57 ×F0	хғд хғо хғо хғо хғо хғо	×6.70
11.32× 155+00 22	10.20×	×9.19 156+00		×7.15
	SR 64 (MANATEE AVE)			
	END FUTURE FDOT MS		XFO XBE XFO XBE XFO XBE XFO XBE XFO XBE XFO XBE	EXISTING 16" DIP WATER MAIN TO XFO XBE XFO XBE XFO XBE XFO XBE
OT MSE RETAINING WALL				
575+00 			G BURIED FIBER BY FRONTIER TO BE REMOVED BY OTHERS TELXTELXTELXTELXTEL	577+00
	D SILT FENCE CAL SILT FENCE N SHEET 28 (TYP.)			SF
ET WET WET V	WET WET WET WET WET	WE [WETWETWETWET	WET
END OF HDD SEE DETAIL ON SHEET 22 FOR TRANSITION BETWEEN 20" HDPE AND 16" DIP PROPOSED WATER MAIN				
	20"X16" REDUCER		PROPOSEI	
11.25° DI VERTICAL BEND	Image: selection of the	Image: selection of the		WATER MAIN
155+00	155+50	156+00	156+50	157+00
DITION S, INC. JRG, FL 33701 DR	KHA PROJECT 148400098 DATE DECEMBER 2024	(MANATEE AVENU INTRACOASTAL C	JE) WATER MAIN ROSSING	LICENSED PROFESSIONAL JORDAN W. WALKER, P.E. FL LICENSE NUMBER 78652 DATE:

PLAN AND PROFILE [153+00 -158+00]



PARCEL ID: 7363243209

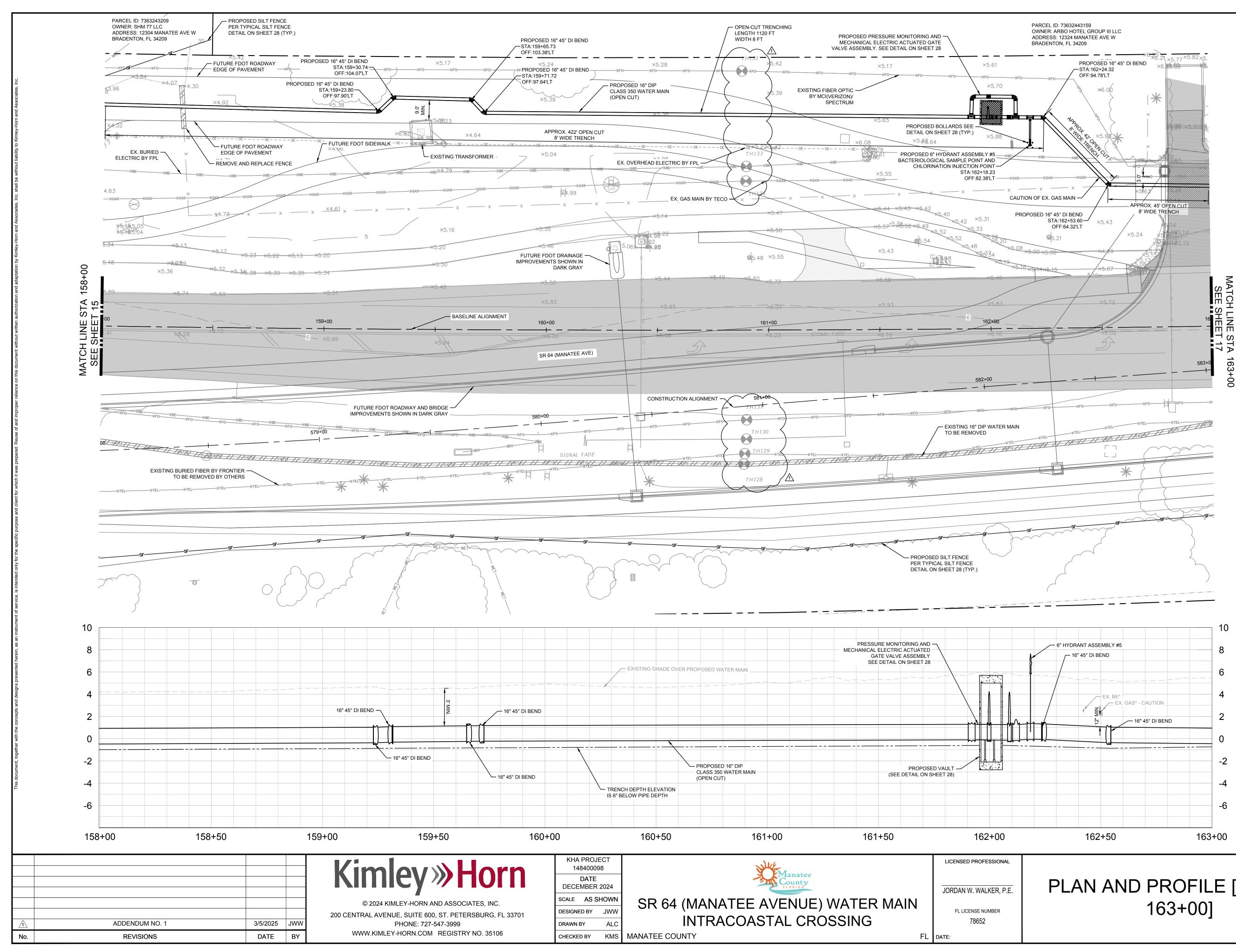


GROUNDWATER DEWATERING NOTE: THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



SHEET NUMBER

15



PLAN AND PROFILE [158+00 -



<u>LEGEND</u> SIDEWALK/CONCRETE DRIVEWAY RESTORATION FULL ROADWAY RESTORATION MILLING AND RESURFACING FDOT BANK RUN SHELL RESTORATION DEMO EXISTING EXISTING ROADWAY FDOT BANK RUN SHELL WETLAND IMPACTS *NOTES: THE ELEVATIONS OF THE UTILITIES MARKED WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED PIPELINES. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT WATER MAIN CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED WATER MAIN. INTERRUPTIONS OF ANY EXISTING UTILITY SERVICES SHALL BE NOTICED TO EFFECTED CUSTOMERS A MINIMUM OF 48 HOURS IN ADVANCE AND SHALL NOT EXCEED 4 HOURS IN DURATION. WHERE CONCRETE REPAIRS ARE NECESSARY AND EXPANSION JOINTS ARE PRESENT, CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE, REPLACE CONCRETE AS NECESSARY. NOTES: 1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND PROPOSED UTILITIES 2. CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26

3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN

CODE (FAC)

CONSTRUCTION

REQUIREMENTS.

<u>GROUNDWATER</u>

DEWATERING NÓT

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS

PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS

ISSUE. WHEN PERFORMING GRADING

WATER MANAGEMENT TO CONTROL

MOISTURE OF SOILS.

OPERATIONS DURING PERIODS OF WET

WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND

ACCORDANCE WITH ALL FEDERAL STATE, AND LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO CHAPTERS 62-621.300 AND 62-620

OF THE FLORIDA ADMINISTRATIVE

ELECTRIC TO BE FIELD LOCATED

WHERE NECESSARY PRIOR TO

WHERE LESS THAN 6' MINIMUM SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER TO MEET FDEP SEPARATION

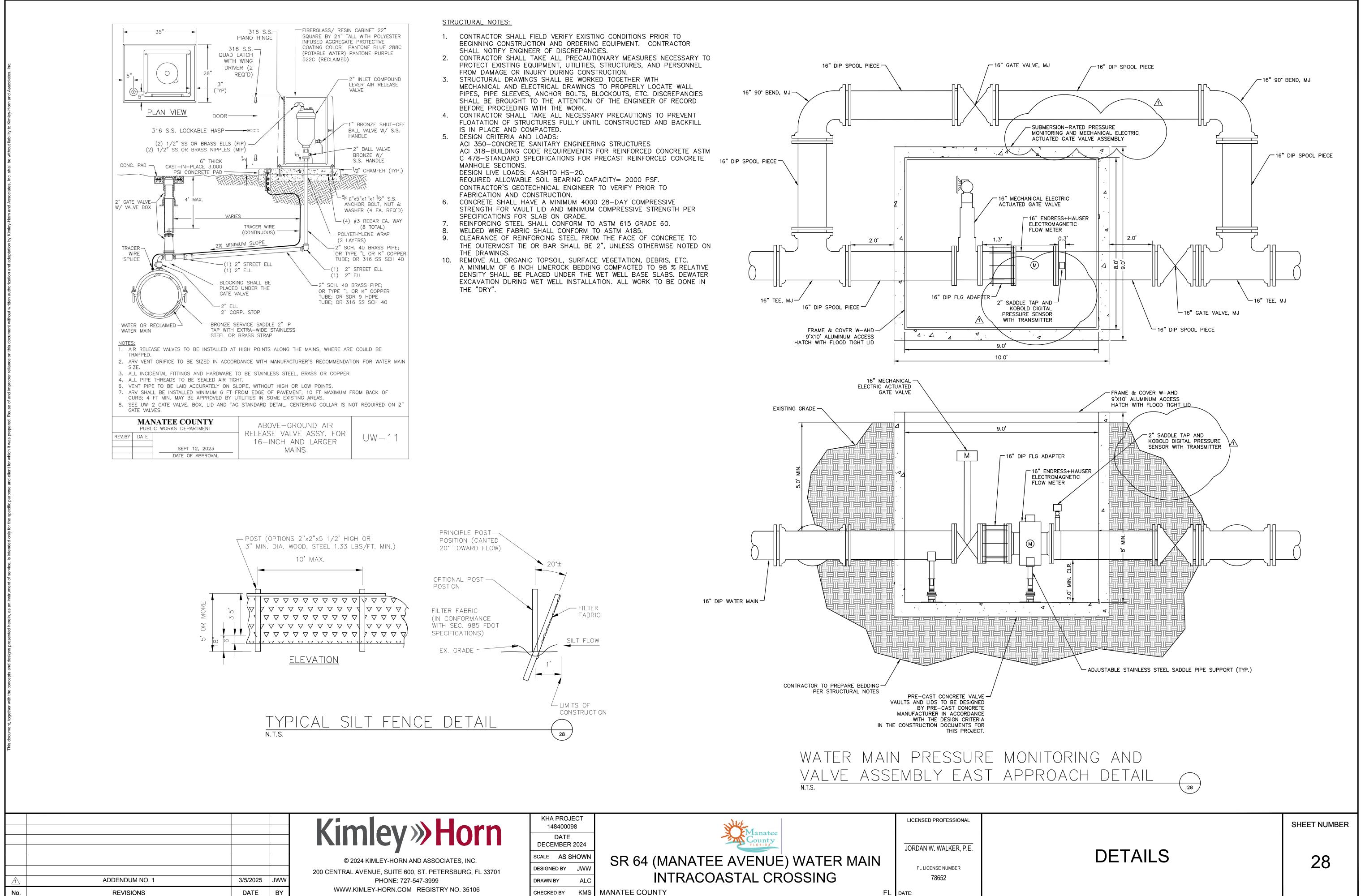
4. EXISTING GAS LINE AND BURIED

GRAPHIC SCALE IN FEET

40

10 20

16



	DATE DECEMBER 2024
S, INC.	SCALE AS SHOWN
URG, FL 33701	DESIGNED BY JWW
	DRAWN BY ALC
05400	

CHECKED BY KMS MANATEE COUNTY