

PLAN AND PROFILE [103+00 -108+00]

GRAPHIC SCALE IN FEET ×~×4.30 10 20 40 <u>LEGEND</u> SIDEWALK/CONCRETE DRIVEWAY RESTORATION FULL ROADWAY RESTORATION MILLING AND RESURFACING FDOT BANK RUN SHELL RESTORATION 107+00 DEMO EXISTING EXISTING ROADWAY FDOT BANK RUN SHELL \cap 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 - PROPOSED SILT FENCE LOCATIONS (HORIZONTAL AND VERTICAL) OF PER TYPICAL SILT FENCE ALL UTILITIES CROSSING THE PROPOSED DETAIL ON SHEET 28 (TYP.) 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 TY6////XMT12///XYT16////XWT16////XXT16////XXT16////XXT16 UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED WATER 00 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 CONTRACTOR SHALL RESTRAIN 2. PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26 3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN 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) EXISTING GAS LINE AND BURIED ELECTRIC TO BE FIELD LOCATED WHERE NECESSARY PRIOR TO CONSTRUCTION WHERE LESS THAN 6' MINIMUM SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER TO MEET FDEP SEPARATION REQUIREMENTS. <u>GROUNDWATER</u> EWATERING NOT 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. .14 KNOW WHAT'S BELON ALWAYS CALL 811 BEFORE YOU DIG 107+00 107+50 108+00 it's fast. it's free. it's the law. SHEET NUMBER

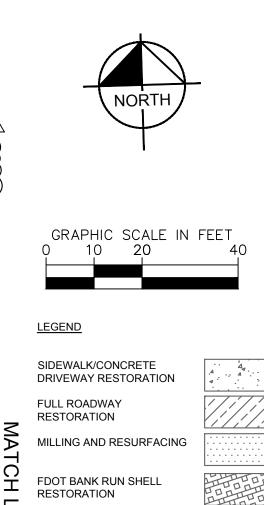
×3.67 KINGFISH BOAT RAMP

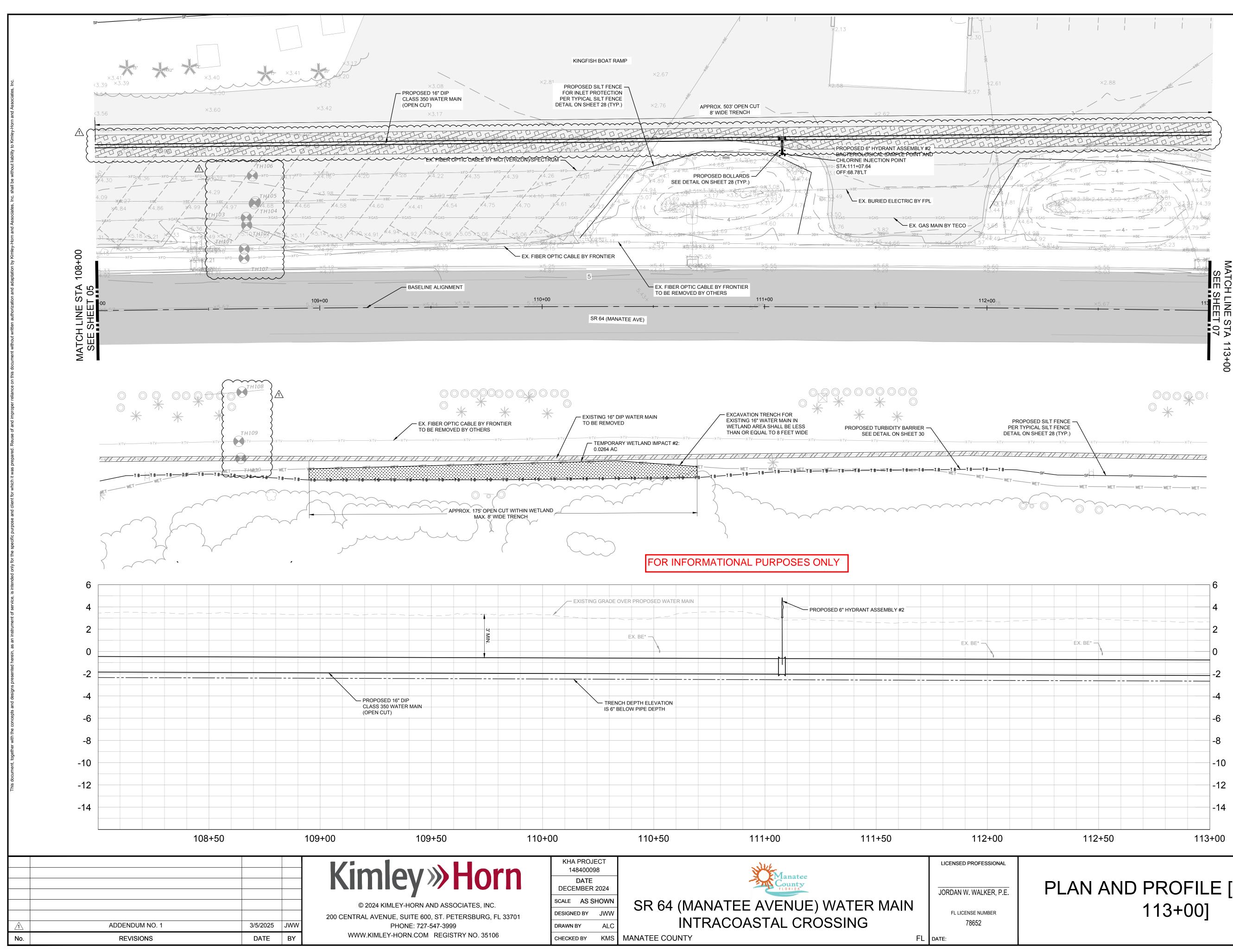
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PROPOSED SILT FENCE

FOR INLET PROTECTION

PER TYPICAL SILT FENCE





PLAN AND PROFILE [108+00 -

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OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND

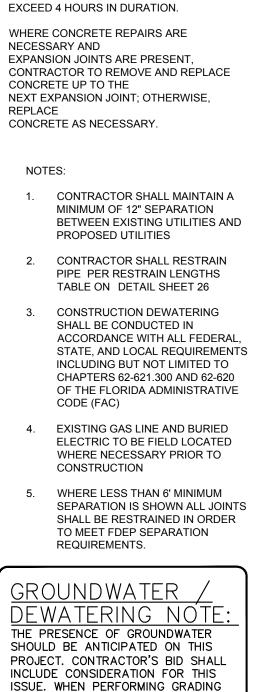
WATER MANAGEMENT TO CONTROL

MOISTURE OF SOILS.

KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG

SHEET NUMBER

06



WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY

THE ELEVATIONS OF THE UTILITIES MARKED

ON THIS INFORMATION FOR CONSTRUCTION,

PIPELINES. CONTRACTOR SHALL INCLUDE IN

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

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

BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED

WETLAND IMPACTS

*NOTES:

FDOT BANK RUN SHELL

EXISTING ROADWAY

GRAPHIC SCALE IN FEET

40

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10 20

<u>LEGEND</u>

SIDEWALK/CONCRETE

FULL ROADWAY RESTORATION

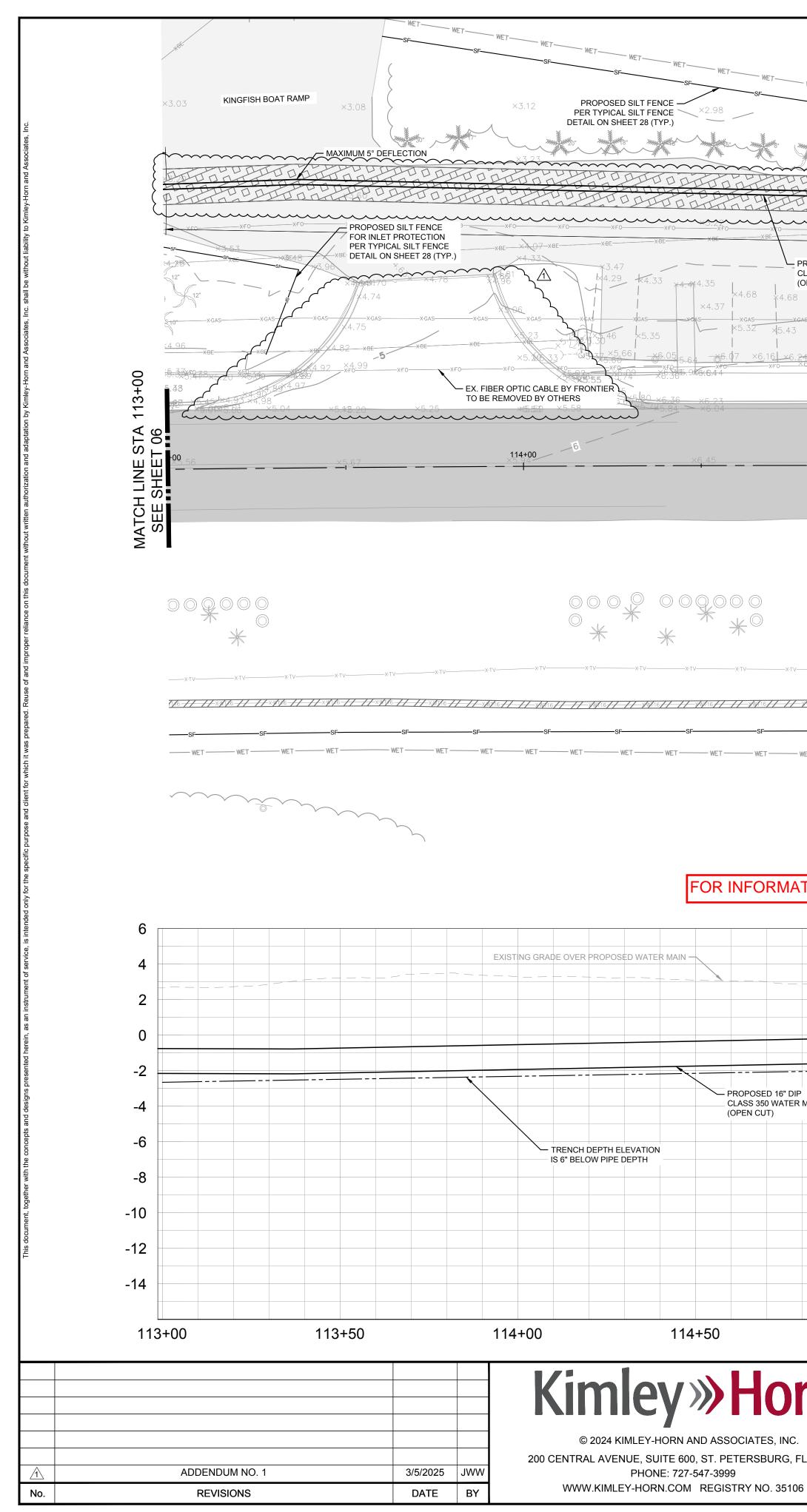
RESTORATION

DEMO EXISTING

DRIVEWAY RESTORATION

MILLING AND RESURFACING

FDOT BANK RUN SHELL



| | | APPROXIMATE STAGING ARE/ SEE MAINTENANCE OF DRIL PLAN ON SHEET 19 FO ADDITIONAL DETAIL | L R | PROPOSED 16" ISOLATION GATE VALY -STA:116+75.68 OFF:73.47'LT | νE |
|---|--|---|--|--|--------------|
| ET WET WETWET | WET- PROPOSED BC DETAIL ON SH | | WET WEP X1.80 WET XWEB6 | WET PROPOSED ABOVE-GROUND AIR RELEASE VALVE (SEE DETAIL ON SHEET 23) STA:116+93.49 2.4 OFF:80.31'LT | |
| | PROPOSED 6" HYDRANT ASSE BACTERIOLOGICAL SAMPLE PO CHLORINE INJECTIO | DINT AND | ×2.13 2.58 2.76 | ×2.46, ×2.88, × ×2.88, × × × × × × × × × × × × × × × × × × | <u>_</u> 2v. |
| | STA: OFF | 15+92.94 :85.00'LT | | RE XBE XBE XBE | |
| APPROX. 403 OPEN CUT | | XBE- | XBE XBE XBEXBE | | |
| PROPOSED 16" DIP | | SLE BY MCI (VERIZON)/SPECTRUM | ×F0 ×F0 ×F0 ×F0 ×F0 ×F0 ×F0 ×F0 | ×4.64 ×4.5x20 ×4.5x20 ×4.4 | FO |
| CLASS 350 WATER MAIN (OPEN CUT) | EX. FIBER OPTIC CAR | xgas | xGAS +.8 +.8 +. XGAS -XGAS | GAS MAIN BY TECO | |
| ×4.68 ×4.82 ×4.99 ×4.99 ×5.02 | ×4.91 ×5.30 ×5.52 ×5.57 ×5.88 ×6.83 | ×5.96 ×5.956- | | 712 XF0 XF0 XF0 XF0 XF0 | 0 |
| ×5.43 ×5.45 ×5.70 ×5.83 ×5.98 | ×6.07 +×6.19 ×6.38 ×6.69 | ×6.75 ×7.00 ×6.67 | | THE PROPOSED START DRILL PIT FOR X8.25 WATER MAIN SHALL BE IN UPLANDS A | |
| 16 ×6.24 ×6.04 ×6.30 ×6.46 ×6.35 ×6.43 × ×F0 ×6.17×F0 ×6.48 ×+0 ×6.85 ×6.85 | 16.81 ×6195 ×6.97 ×7.17 ×7.34 ×F0 ×6.92 ×F0 ×7.34 ×7.45 | ×7.85 ×7.85 | ×8.21 | X8.25 WATER MAIN SHALL BE IN UPLANDS A IN WETLANDS NOR CAUSE TEMPORAF SECONDARY IMPACTS TO ADJACENT X8.65 WETLANDS AND/OR SURFACE WATER | RY |
| <u>*7.02</u> ×6.60 | ×7.56 > ×7.13 | ×8.11 ×8.01 ×7.84 | ×8.35 ×8.61 | ×9.20 ×9.56 | |
| 7 | / | .8 | BASELINE ALIGNMENT | EX. FIBER OPTIC CABLE BY FR | 10 |
| 115+00 | SR 64 (MANATEE AVE) | 116+00 | <u> </u> | 117+00 TO BE REMOVED BY (| |
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| | | MAIN | ◎ * * * * | * | |
| | EXISTING 16" DIP WATER TO BE REMOVED | MAIN EX. FIBER OPTIC CABLE B TO BE REMOVED | | | R M |
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| | 6" HYDRANT ASSE | /RI V #3 | 16" ISOLATION GATE VALVE · | ABOVE-GROUND | |
| | | | | AIR RELEASE VALVE (SEE DETAIL ON SHEET 28) | |
| ω | | | — ЕХ. ВЕ* | START OF HDD SEE DETAIL ON SHE | -F1 |
| | | | | FOR TRANSITION BE 20" HDPE AND 16" D | EΤV |
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| KHA PROJECT | | × | | LICENSED PROFESSIONAL | |
| 0110 148400098 DATE | _ | Manate | | | A |
| SCALE AS SHOW | | | | JORDAN W. WALKER, P.E. PLA | ۲, |
| URG, FL 33701 DESIGNED BY JW | | NATEE AVENU RACOASTAL C | IE) WATER MAIN | fl license number 78652 | |
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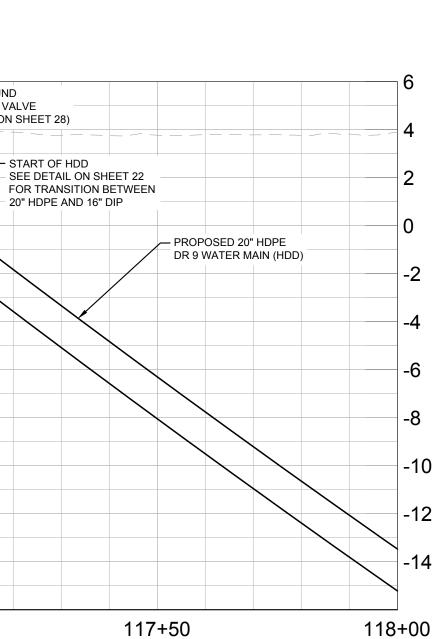
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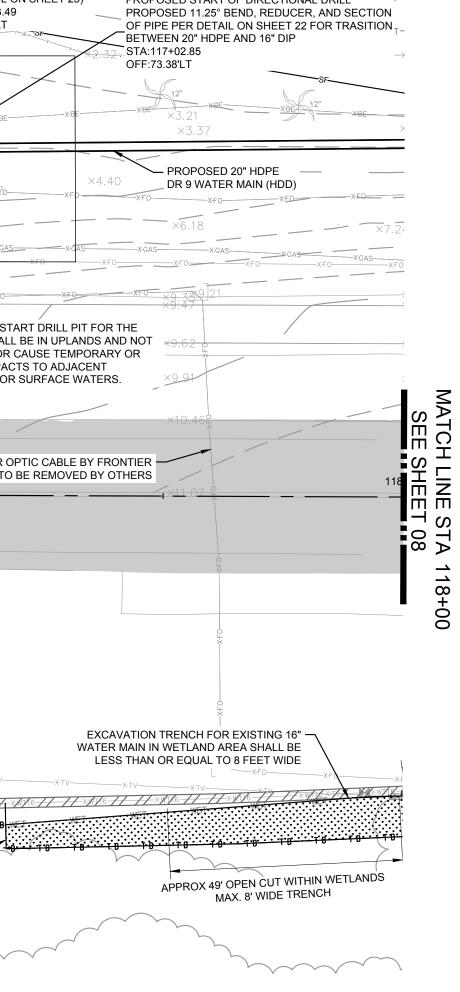
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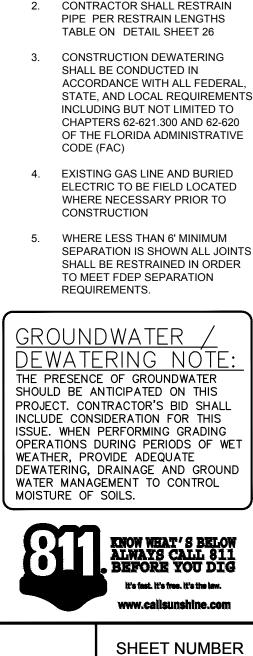
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PLAN AND PROFILE [113+00 -118+00]





PROPOSED START OF DIRECTIONAL DRILL



07

- 2. CONTRACTOR SHALL RESTRAIN
- 1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION PROPOSED UTILITIES

NOTES:

BETWEEN EXISTING UTILITIES AND

NECESSARY AND EXPANSION JOINTS ARE PRESENT, CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE, REPLACE CONCRETE AS NECESSARY.

WETLAND IMPACTS *NOTES:

8

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

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

DESIGN MINIMUM SEPARATION FOR

UTILITIES CONFLICTING WITH THE

FDOT BANK RUN SHELL

EXISTING ROADWAY

GRAPHIC SCALE IN FEET

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10 20

SIDEWALK/CONCRETE

FULL ROADWAY RESTORATION

RESTORATION

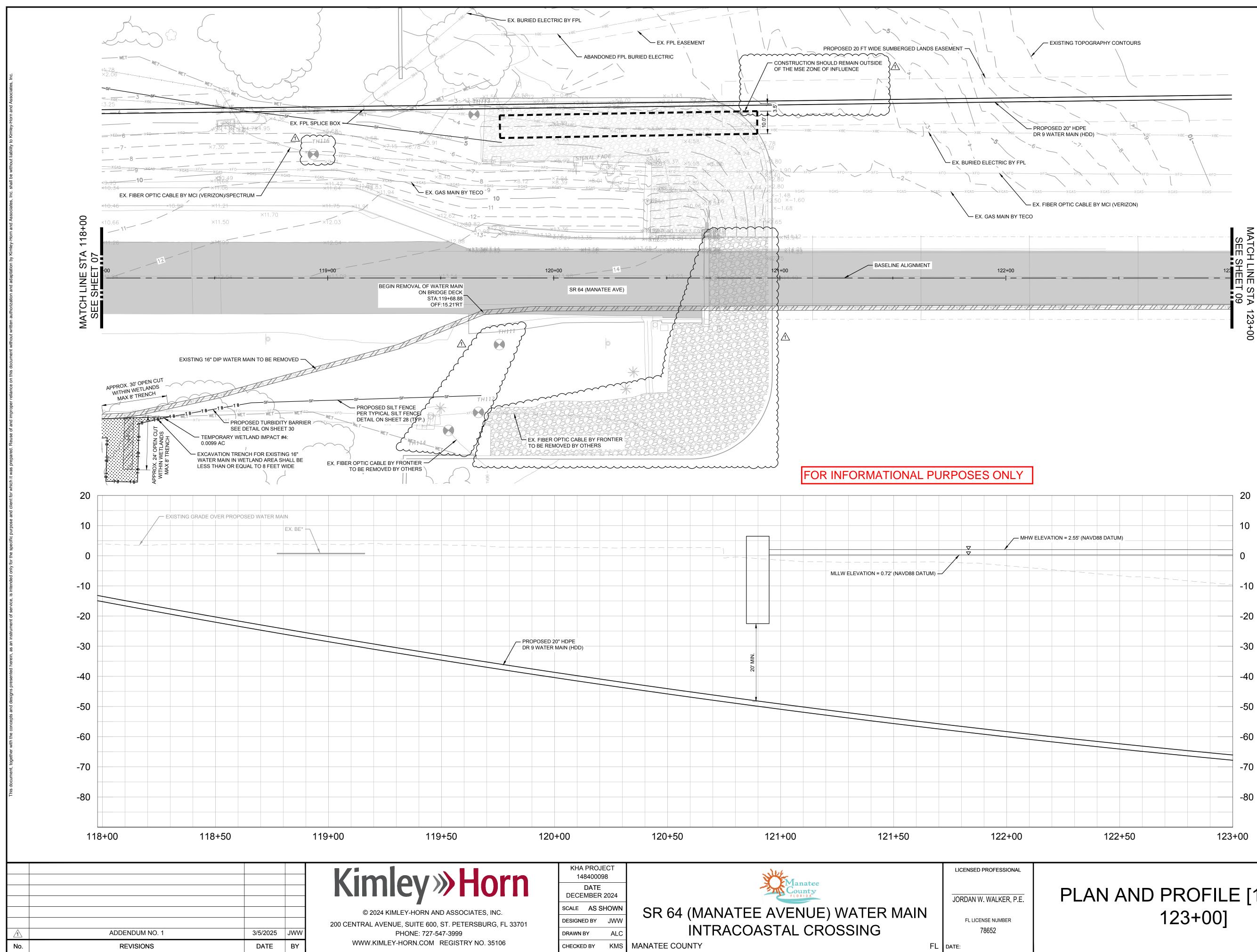
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DRIVEWAY RESTORATION

MILLING AND RESURFACING

FDOT BANK RUN SHELL

<u>LEGEND</u>



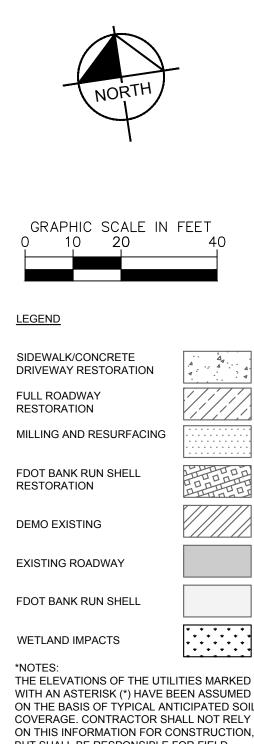
PLAN AND PROFILE [118+00 -

80

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SHEET NUMBER



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

1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND

PROPOSED UTILITIES

2. CONTRACTOR SHALL RESTRAIN

3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL

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.

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 PERFORMING GRADING

OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND

WATER MANAGEMENT TO CONTROL

MOISTURE OF SOILS.

PIPE PER RESTRAIN LENGTHS TABLE ON DETAIL SHEET 26

STATE, AND LOCAL REQUIREMENTS

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

NEXT EXPANSION JOINT; OTHERWISE,

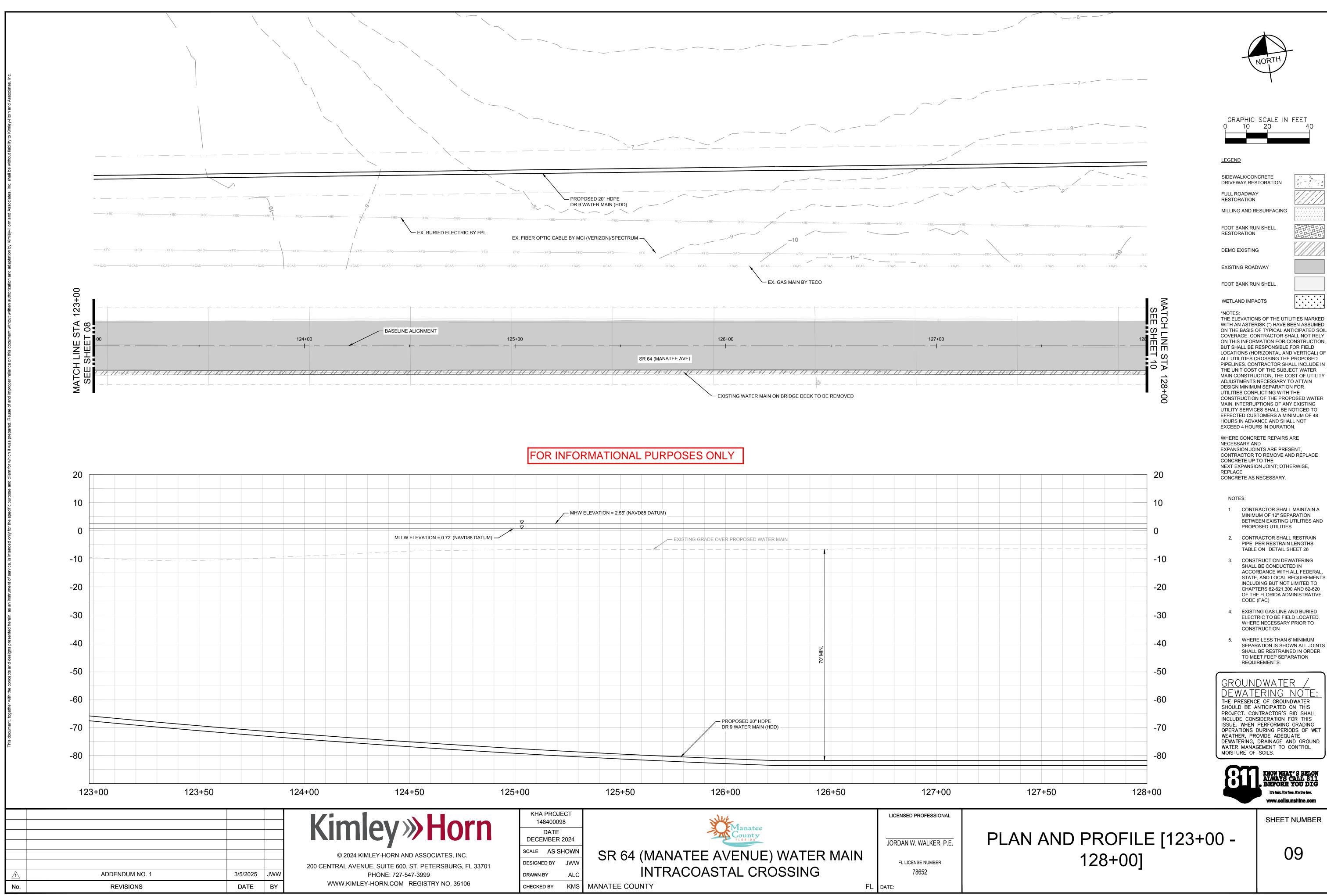
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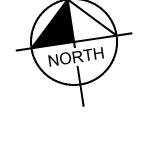
CONCRETE AS NECESSARY.

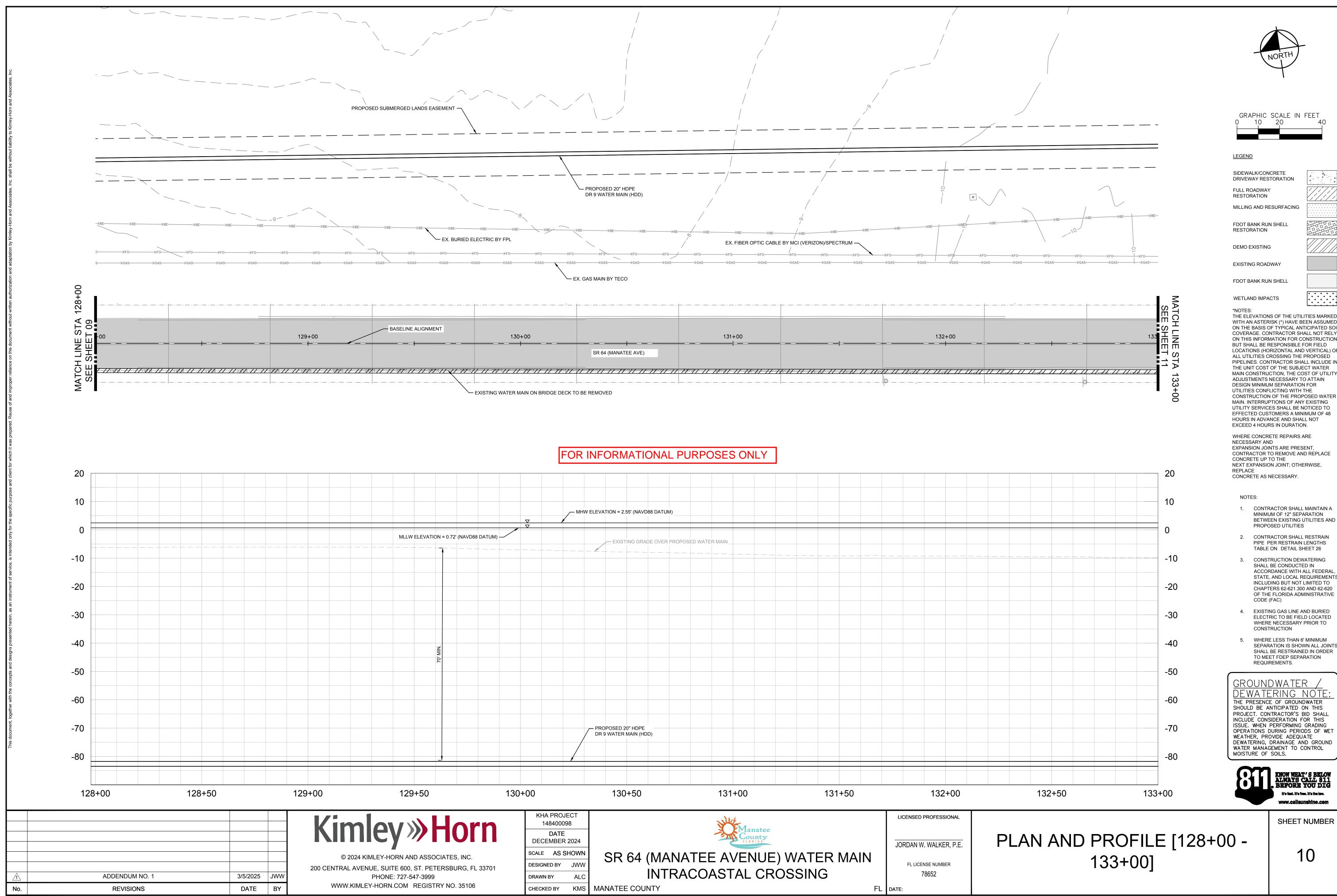
REPLACE

NOTES:

BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF

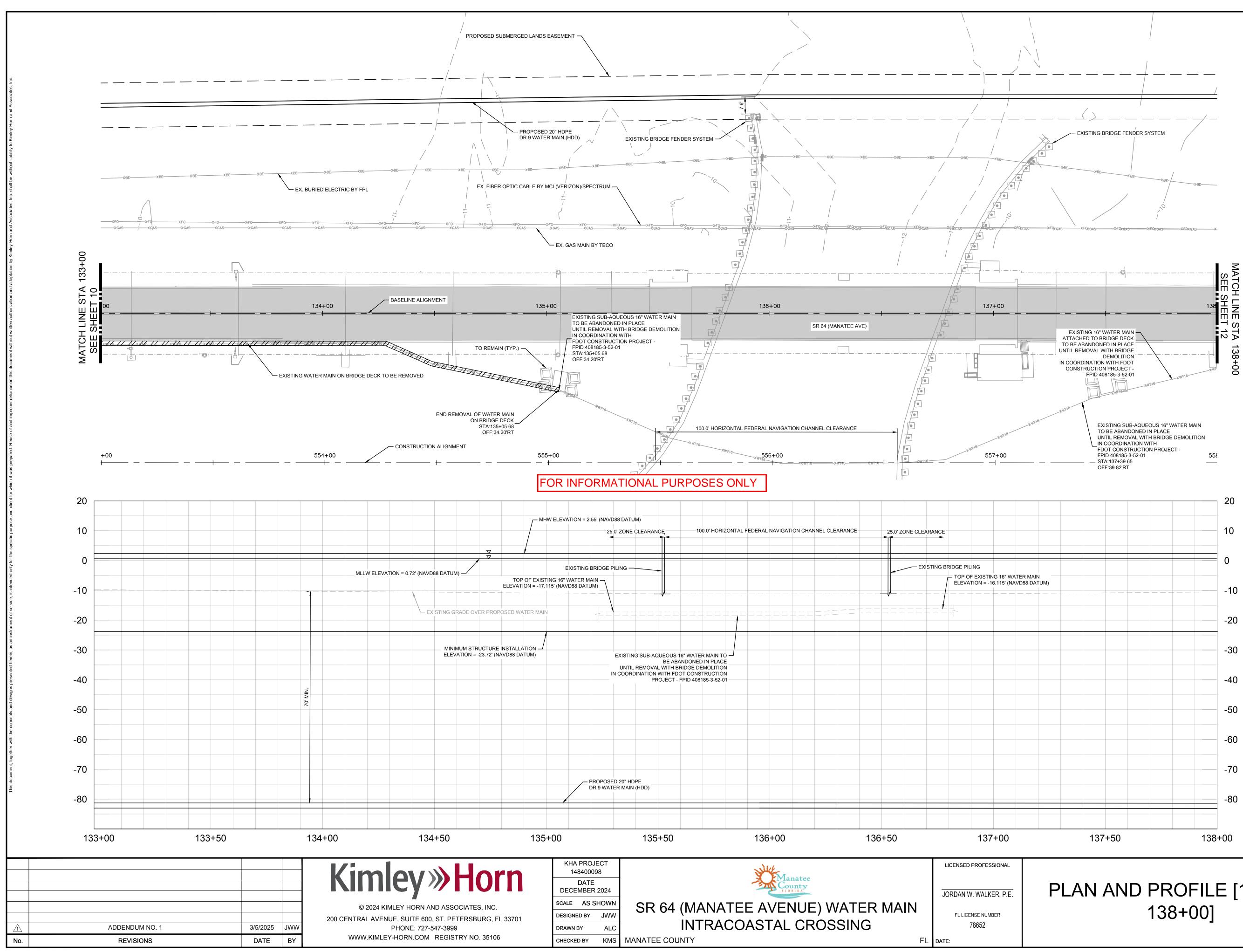






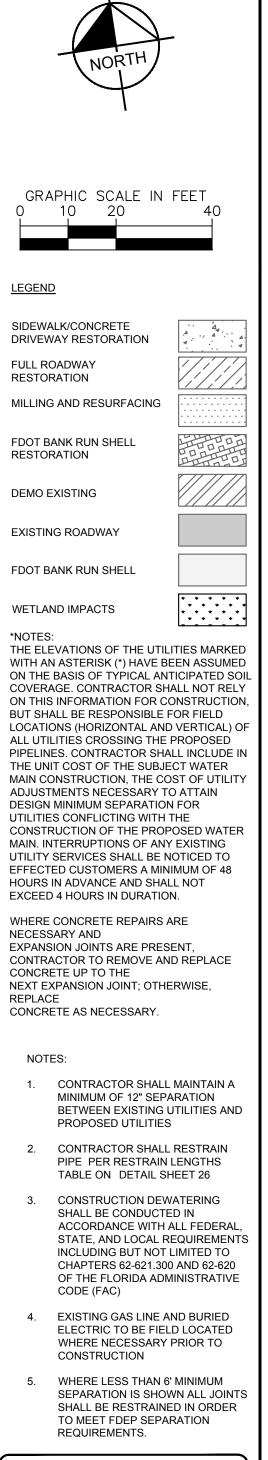
WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, LOCATIONS (HORIZONTAL AND VERTICAL) OF PIPELINES. CONTRACTOR SHALL INCLUDE IN MAIN CONSTRUCTION, THE COST OF UTILITY CONSTRUCTION OF THE PROPOSED WATER

- BETWEEN EXISTING UTILITIES AND
- ACCORDANCE WITH ALL FEDERAL STATE, AND LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO CHAPTERS 62-621.300 AND 62-620 OF THE FLORIDA ADMINISTRATIVE
- SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER



PLAN AND PROFILE [133+00 -

11

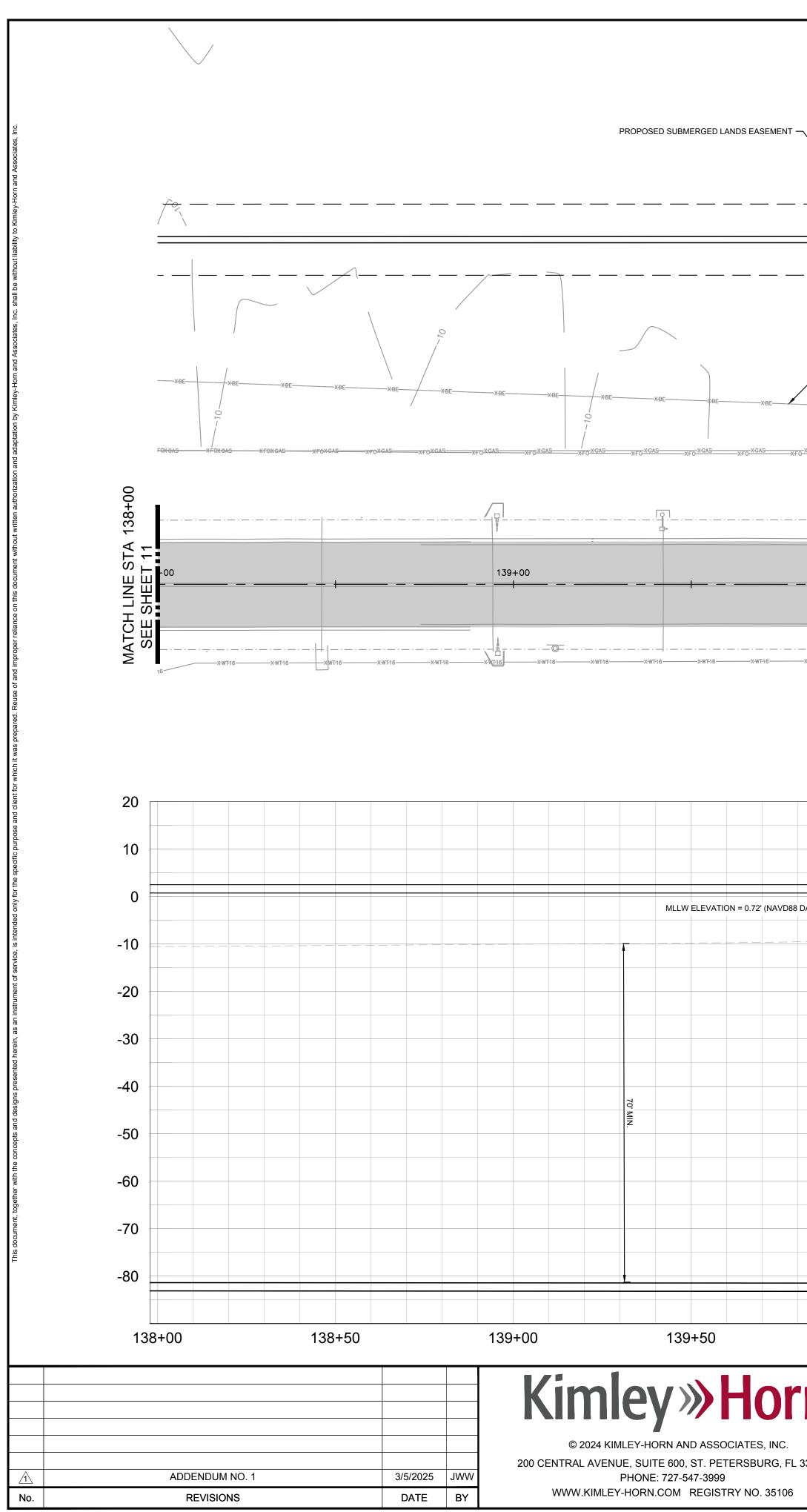


<u>GROUNDWATER</u> <u>Dewatering nóti</u> THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT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



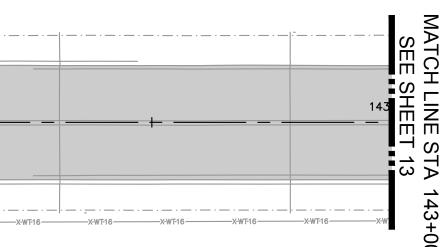


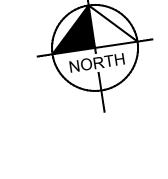
SHEET NUMBER



| | | PROPOS DR 9 WA | SED 20" HDPE NTER MAIN (HDD) | / | | | |
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| XFO <u>XGAS</u> XF | -0 XGASXF0 XGASXF0 XGA | sXF0_XGAS | | | XF0 X6A3 XF0 XF0 XF0 | XF0_XF0 | |
| | 140+00 | | E) | BASELINE ALIGNMENT | 142+00 | | E SHEET 13 |
| FOR | INFORMATION | IAL PURPOSES ON | NLY | | | | 20 |
| | | W ELEVATION = 2.55' (NAVD88 DATUM) | | | | | 10 |
| ' (NAVD88 DATUM) | | PROPOSED 20" HDPE Image: state s | EXISTING GRAD EXISTING I I <th>E OVER PROPOSED WATER MAIN </th> <th></th> <th></th> <th>0 -10 -20 -30 -30 -40 -40 -50 -60 -70 -80</th> | E OVER PROPOSED WATER MAIN | | | 0 -10 -20 -30 -30 -40 -40 -50 -60 -70 -80 |
| 1 OTN S, INC. JRG, FL 33701 | 40+00 KHA PROJECT 148400098 DATE DECEMBER 2024 SCALE AS SHOWN DESIGNED BY JWW DRAWN BY ALC CHECKED BY KMS | - 3K 04 (IVIAI) | 141+00 VATEE AVENU ACOASTAL C | JE) WATER MAIN CROSSING | LICENSED PROFESSIONAL JORDAN W. WALKER, P.E. FL LICENSE NUMBER 78652 | 142+50 PLAN AND F 1 | ¹⁴³⁺⁰⁰ PROFILE [⁴ 43+00] |

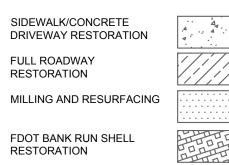
138+00 -





GRAPHIC SCALE IN FEET 0 10 20 40 40

LEGEND



THE ELEVATIONS OF THE UTILITIES MARKED

WITH AN ASTERISK (*) HAVE BEEN ASSUMED

ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY

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CONCRETE AS NECESSARY.

CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE,

1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND

PROPOSED UTILITIES

2. CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS

3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN

CODE (FAC)

CONSTRUCTION

<u>GROUNDWATER</u>

DEWATERING NOTE THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS

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it's fast. it's free. it's the law. www.callsunshine.com

SHEET NUMBER

12

WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

TABLE ON DETAIL SHEET 26

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

SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER TO MEET FDEP SEPARATION REQUIREMENTS.

4. EXISTING GAS LINE AND BURIED

5. WHERE LESS THAN 6' MINIMUM

NECESSARY AND

REPLACE

NOTES:

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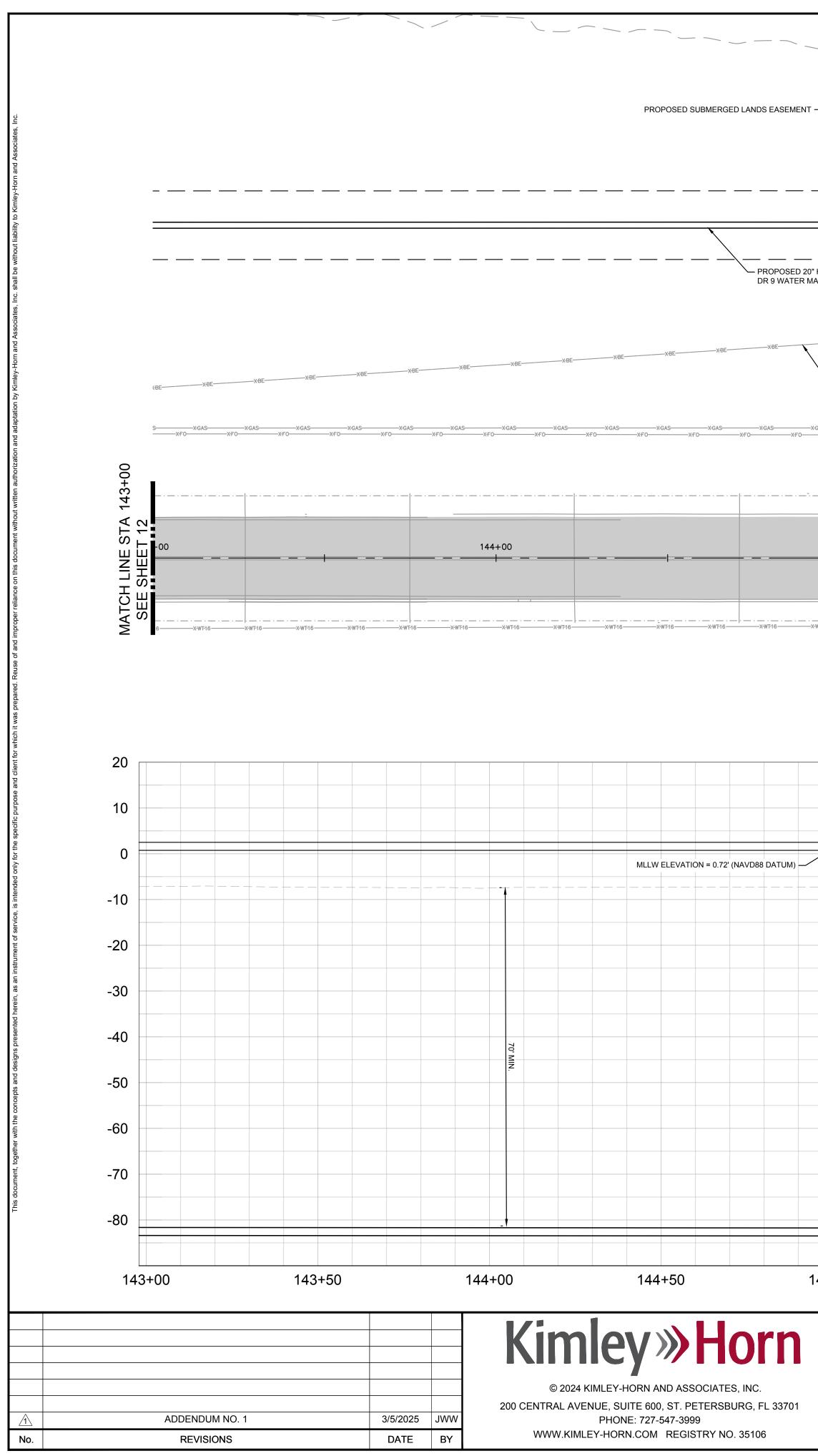
DEMO EXISTING

EXISTING ROADWAY

FDOT BANK RUN SHELL

WETLAND IMPACTS

*NOTES:



| | ELEVATION = 2.55' (NAVD88 DATUM) | | | | | |
|---------------------------------|--|---|---|---|-------------|--|
| | | | STING GRADE OVER PROPOSED WATER MAIN - - | | | |
| | | | Image: select | | | |
| PROPOS DR 9 WA | ED 20" HDPE TER MAIN (HDD) | | | | | |
| +00 | 145+50 | 146+00 | 146+50 | 1. | 47+00 | |
| DESIGNED BY JWW DRAWN BY ALC | | NATEE AVENU | E) WATER MAIN ROSSING | JORDAN W. W. FL LICENSE 7865 | ALKER, P.E. | |
| | KHA PROJECT 148400098 DATE DECEMBER 2024 SCALE AS SHOWN DESIGNED BY JWW DRAWN BY ALC | V V V V V V | Control of the second sec | PROPOSED 20' HDPE EXISTING ORACE OVER PROPOSED WATER MAIN PROPOSED 20' HDPE Image: Contract of the second seco | v | EXISTING GRADE OVER PROPOSED WATTER MAN EXISTING GRADE OVER PROPOSED WATTER MAN PROPOSED 20" HOPE. PROPOSED 20" HOPE. PROP |

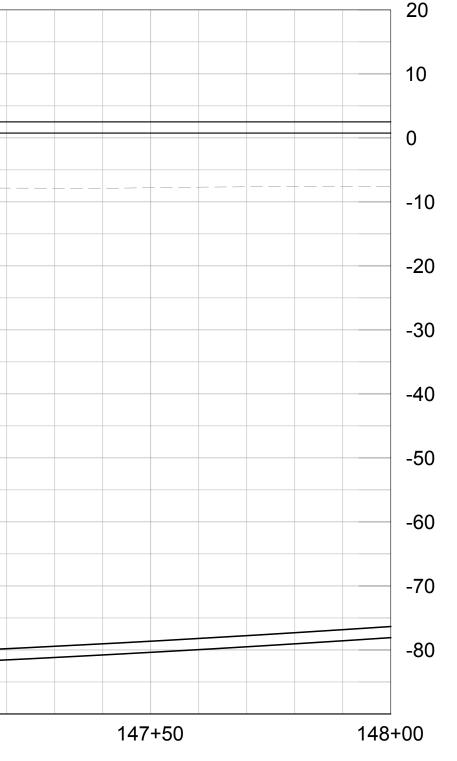
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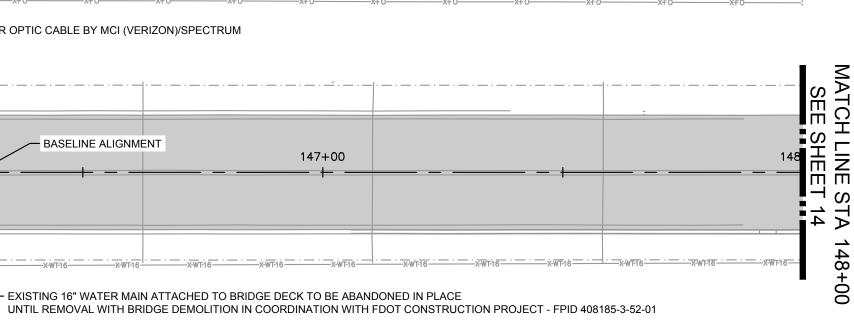
- BASELINE ALIGNMENT 145+00 146+00 147+00 _ _ SR 64 (MANATEE AVE)

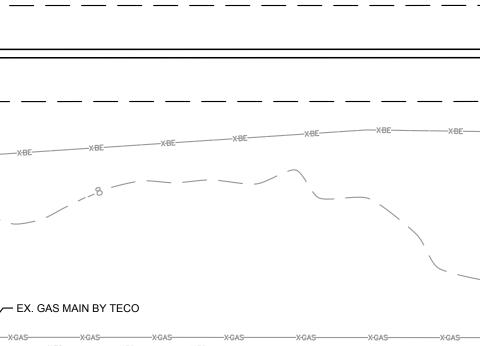
- EX. FIBER OPTIC CABLE BY MCI (VERIZON)/SPECTRUM

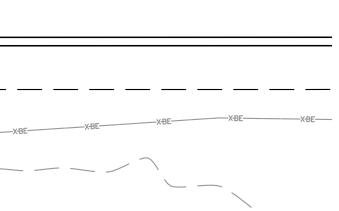
- PROPOSED 20" HDPE DR 9 WATER MAIN (HDD) - EX. BURIED ELECTRIC BY FPL

PLAN AND PROFILE [143+00 -148+00]









LEGEND SIDEWALK/CONCRETE DRIVEWAY RESTORATION FULL ROADWAY RESTORATION

MILLING AND RESURFACING

GRAPHIC SCALE IN FEET 0 10 20 40

40

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FDOT BANK RUN SHELL

RESTORATION

DEMO EXISTING

EXISTING ROADWAY

WETLAND IMPACTS

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FDOT BANK RUN SHELL

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ON THIS INFORMATION FOR CONSTRUCTION,

LOCATIONS (HORIZONTAL AND VERTICAL) OF

PIPELINES. CONTRACTOR SHALL INCLUDE IN

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.

CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE,

1. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12" SEPARATION BETWEEN EXISTING UTILITIES AND

PROPOSED UTILITIES

2. CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS

3. CONSTRUCTION DEWATERING SHALL BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL STATE, AND LOCAL REQUIREMENTS

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

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SHEET NUMBER

13

MOISTURE OF SOILS.

5

TABLE ON DETAIL SHEET 26

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

BUT SHALL BE RESPONSIBLE FOR FIELD

ALL UTILITIES CROSSING THE PROPOSED

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

WHERE CONCRETE REPAIRS ARE

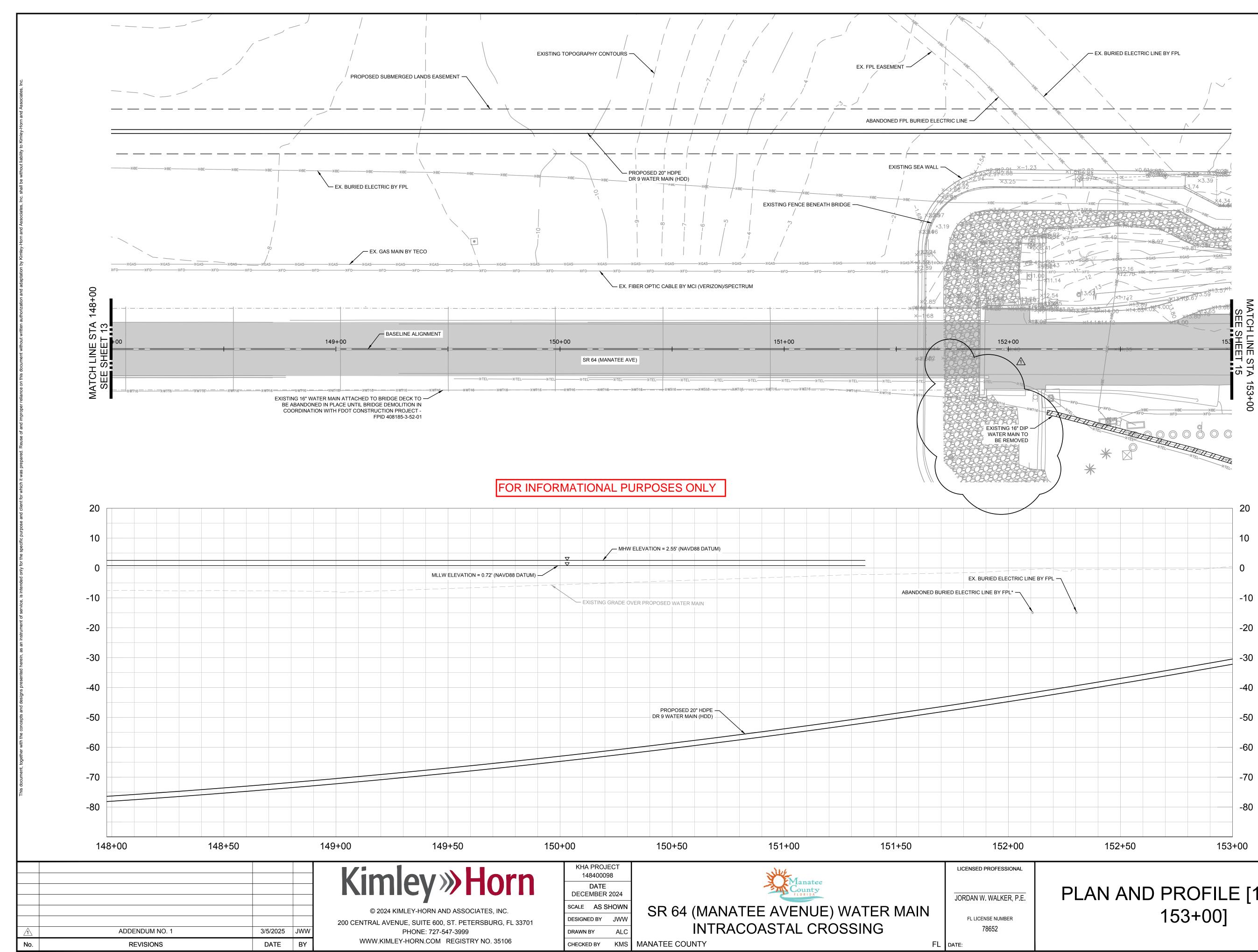
EXPANSION JOINTS ARE PRESENT,

CONCRETE AS NECESSARY.

NECESSARY AND

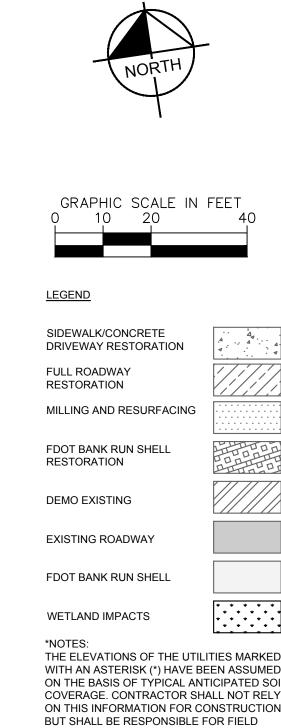
REPLACE

NOTES:



PLAN AND PROFILE [148+00 -

14



WITH AN ASTERISK (*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, 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

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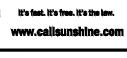
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- 3. CONSTRUCTION DEWATERING STATE, AND LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO CHAPTERS 62-621.300 AND 62-620 OF THE FLORIDA ADMINISTRATIVE
- CODE (FAC) 4. EXISTING GAS LINE AND BURIED ELECTRIC TO BE FIELD LOCATED
- WHERE NECESSARY PRIOR TO CONSTRUCTION
- WHERE LESS THAN 6' MINIMUM SEPARATION IS SHOWN ALL JOINTS SHALL BE RESTRAINED IN ORDER TO MEET FDEP SEPARATION REQUIREMENTS.

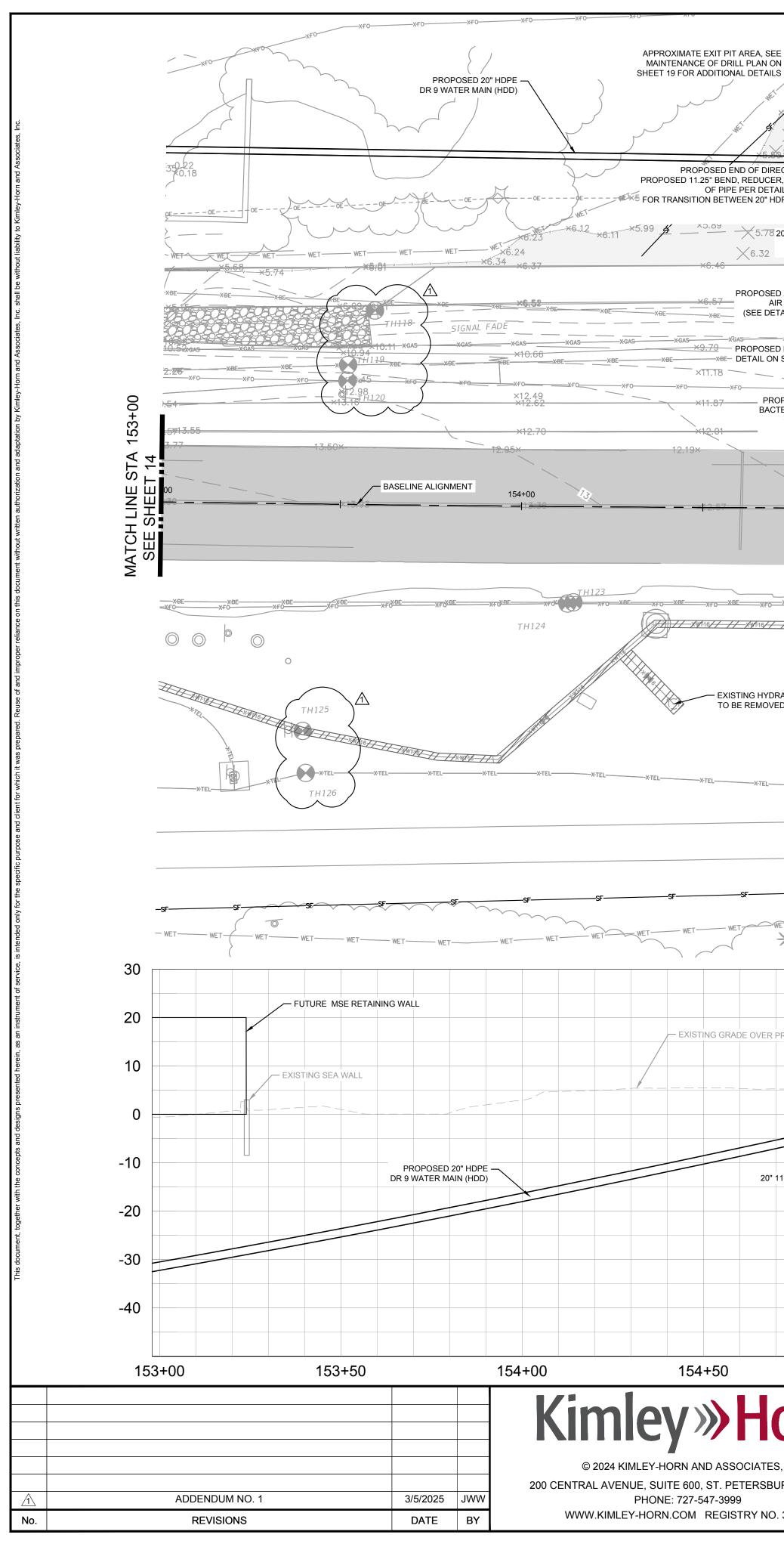
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KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG

MOISTURE OF SOILS.

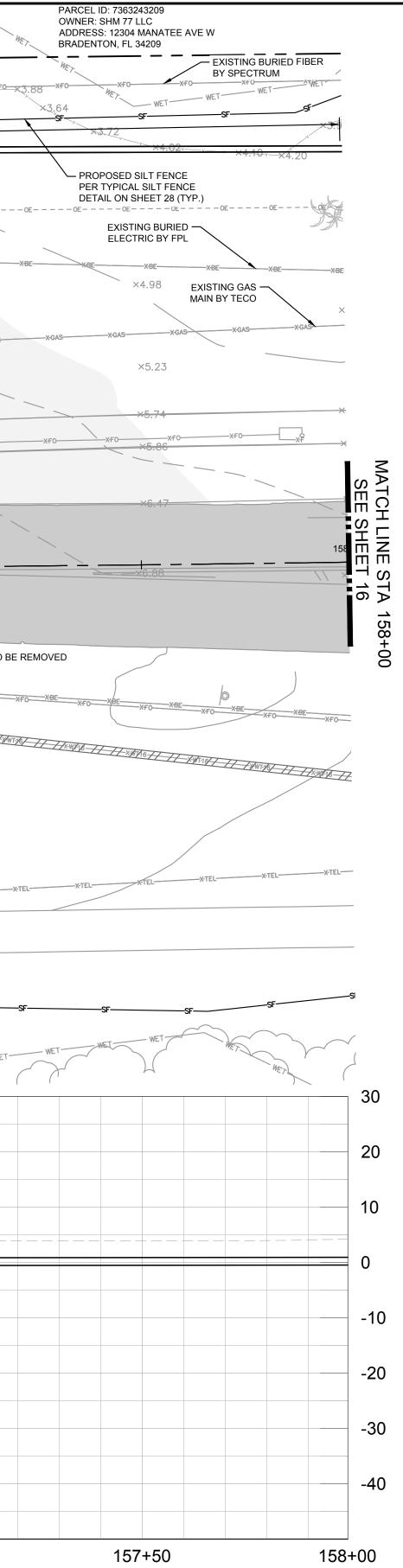


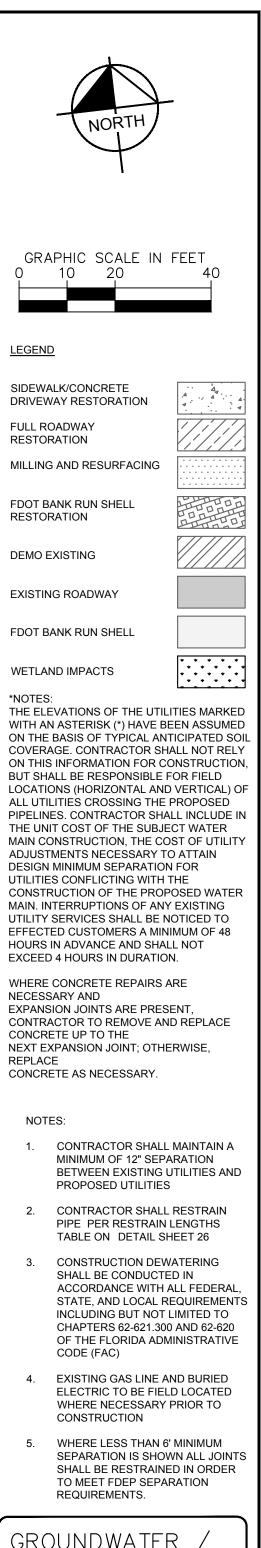
SHEET NUMBER



| PROPOSED 16 | STA:155+28.50 OFF:96.09'LT | ×3.48 ×3.6 | The second secon | HET WET | OPEN-CUT TRENCHING LENGTH 1120 FT |
|---|---|--|--|--|--|
| 5.40 5.345. 20" 11.25° DI VERTICAL | | | | APPROX. 284' OPEN CUT | VE PROPOSED 16" DIP CLASS 350 WATER MAIN (OPEN CUT) 4.54F. SF. SF. SF. SF. SF. SF. SF. SF. SF. S |
| TIONAL DRILL AND SECTION | +14.00 | | ×6.18 ×6.33 | ×5.54 | ×4.28 ×4.36 |
| ON SHEET 22 E AND 16" DIP STA:155+13.75 OFF:94.79'LT | | | END DRILL PIT FOR THE | XBE XBE XBE YBE | OVERHEAD BY FPL ×5.28 |
| | ×6.50 | X6.86 WATER MAIN SHA IN WETLANDS NO SECONDARY IMP WETLANDS AND/ | ALL BE IN UPLANDS AND NOT OR CAUSE TEMPORARY OR ACTS TO ADJACENT OR SURFACE WATERS. | *5.99 | ABL ABL XBL |
| BOVE-GROUND RELEASE VALVE L ON SHEET 23) STA:155+20.40 OFF:60.80'LT | | ×7.95 ^{ko} ×7.19 ×7.47 ×7.47 ×7.47 ×7.47 ×7.47 ×7.47 ×7.47 ×7.47 ×7.98 | ×6.62 ×7.93 ×GAS ×GAS | XGASXG | ×5.60 —xgasxgasxgasxgas |
| F0 | ×10.66 ×F0 | 9 ×9.49 ×9.49 | ×7.77 | ×6.55 | ×6.52 |
| OFF | DINT AND DN POINT 155+17.38 E:54.81'LT | *9.94 | ×8.69 | ×+0, ×F0 ×7.55 | -XF0 |
| 11.32 | 5+00 | 10.20× | 156+00 | | ×7.15 157+00 |
| | 11.80- — SR 64 (MANA | | | <u>×</u> | 27.57 |
| E | XBEXF0XBEXF0X | | | XF0 XBE XF0 XBE XF0 XBE XF0 | EXISTING 16" DIP WATER MAIN TO |
| XYF16/XYF16/ | | /XYT:16/_/XYT:16/_/XYT:16/_/ | XYft16/XYft16/XYft | x+0 | XF0_XF0 |
| PE | ROPOSED SILT FENCE ER TYPICAL SILT FENCE ETAIL ON SHEET 28 (TYP.) | XTELXTELXTELXTEL SFSF | XTELXTELX | TO BE REMOVED BY OTHERS TEL | |
| WET WET | | TIONAL PURPOS | ES ONLY | WET WET WET | VET WET WET WET |
| END SEE DETAIL ON S FOR TRANSITION BI 20" HDPE AND | ETWEEN | | | | |
| DPOSED WATER MAIN _ | - ABOV | HYDRANT ASSEMBLY #4 /E-GROUND AIR RELEASE VALVE DETAIL ON SHEET 22) 16" ISOLATION GATE VALVE | | | |
| | 20"X | 16" REDUCER | | PROP | |
| 25° DI VERTICAL BEND - | | | | | S 350 WATER MAIN |
| | | | | | |
| | | | | | |
| 155 | 5+00 | 155+50 | 156+00 | 156+50 | 157+00 |
| orn | KHA PROJECT 148400098 DATE DECEMBER 2024 | | Manat | ee | LICENSED PROFESSIONAL |
| NC. G, FL 33701 | SCALE AS SHOWN DESIGNED BY JWW | | ATEE AVENU | JE) WATER MAIN | FL LICENSE NUMBER 78652 |

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



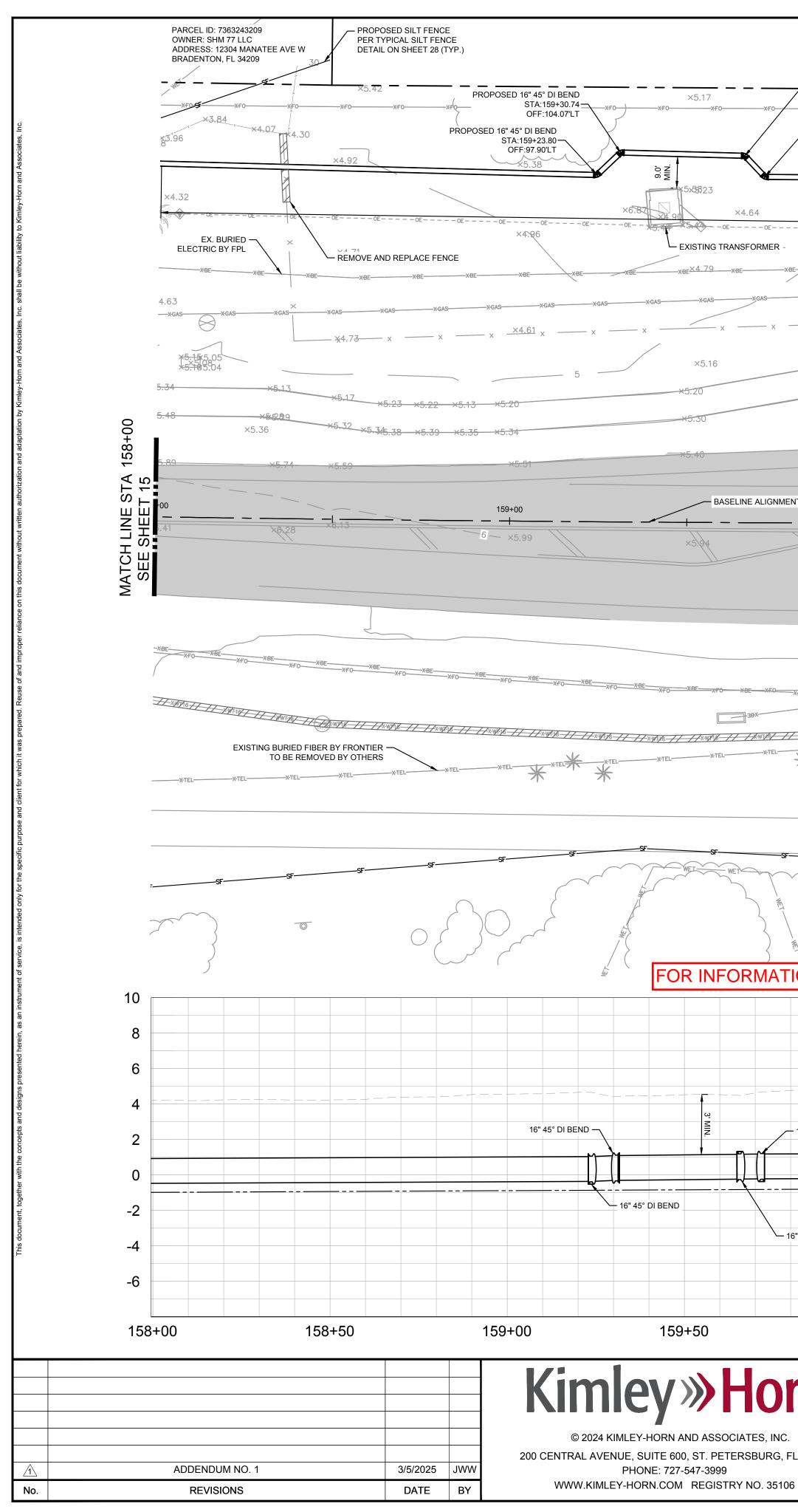


GROUNDWATER / DEWATERING NOTE: THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL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



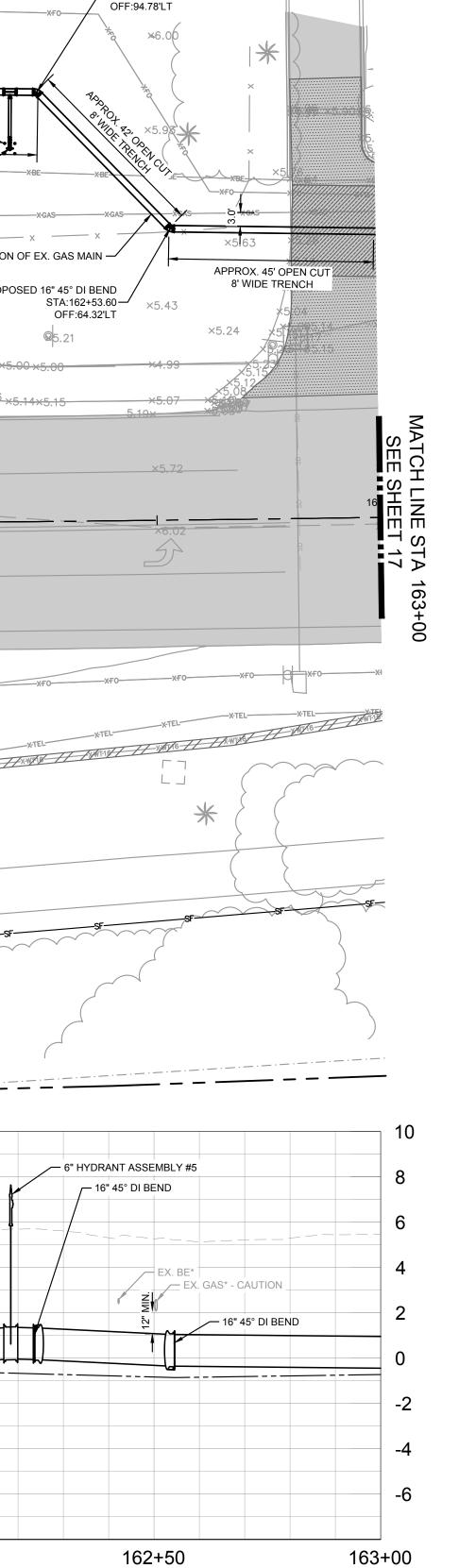
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SHEET NUMBER



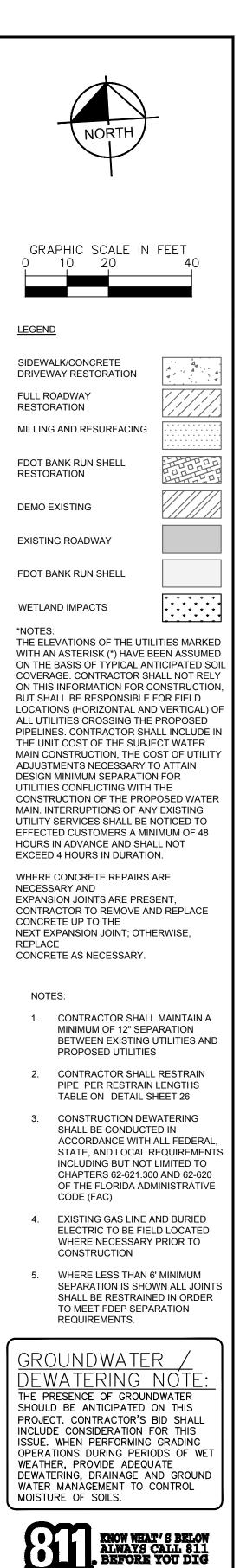
| PROPOSED 16" 45° DI E | END | OPEN-CUT TRENCHING LENGTH 1120 FT WIDTH 8 FT | PROPOSED PRESSURE MONITORING A MECHANICAL ELECTRIC ACTUATED G VALVE ASSEMBLY. SEE DETAIL ON SHEE | ATE \ | PARCEL ID: 73632443159 OWNER: ARBO HOTEL GROUP III LLC ADDRESS: 12324 MANATEE AVE W BRADENTON, FL 34209 |
|---|---|---|--|--|--|
| ×5.24 ×F0 ×F0 ×F PROPOSED 16" 45° DI E STA:159+71.72 OFF:97.64'LT ×5.39 | 3END XF0 | xF0 XF0 XF0 XF0 EXI | ×5.17 xf0 xf0 xf0 xf0 xf0 xf0 xf0 xf0 xf0 xf0 | ×5.61 ×F0 ×5.70 | PROPOSED 16" 45" STA:162+24.32 OFF:94.78'LT |
| APPROX. 422 8' WIDE T -0E0E0E0E | RENCH | | DETAIL ON ×6.08 ×5.98.6 | | 133 PO 04107 ₹5. ×5.98 ×8E ×8E ×8E ×8E |
| AS XGAS XGAS XGAS XGAS XGAS XGAS XGAS XG | KGAS | TH133 Y FPL XBE XGAS XGAS XGAS XGAS XGAS XGAS XGAS XGAS XGAS XGAS | BACTERIOLOG | "HYDRANT ASSEMBLY #5 | XBE XBE XGAS XGAS XGAS XGAS XGAS XGAS XGAS XGAS |
| - x - x - x - x - x - x - x - x - x - x | x x x x x x x x x x 5.14 | ×5.47 | ×5.44 ×5.43 ×5.42 ×5.57 ^{×5.56} .52 ×5.49 ø5.54 | | ROPOSED 16" 45° DI BEND STA:162+53.60 OFF:64.32'LT \$\$5.43 |
| ×5.50 | φ | © 5.48 ×5.55 ×5.49 ×5.60 ×5.73 | ×5.43 | 553.34 5 19 | ³ ×5.00 ×5.00 ×4.99 ¹⁶ ×5.14×5.15 ×5.07 5.19× |
| ×5.83 | ×5.95 | | SIGNAL FADE X6.18 | ×5.83 | ×5.72 |
| SR 64 (MANATE | E AVE) | | | | |
| -XF0 | XF0_XF0 | TH131 | -xf0 | EXISTING 16" DIP WATER MAIN TO BE REMOVED | XF0 XF0 XF0 XF0 XF0 XF0 |
| SIGNAL | _ FADE | тер Т. H129 жтер 6 // // жириб // /// жириб // //// жириб // /// жириб // /////// жириб // //// жириб // /// жириб // /////// жириб // //////////////////////////////// | -XTEL XTEL XTEL XTEL XTEL XTEL XTEL XTEL | <u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u> | |
| | | SF | sF | SF | SFSF |
| | | | PER TYP | ICAL SILT FENCE N SHEET 28 (TYP.) | |
| MATIONAL PURPO | SES ONLY | | PRESSURE MONITORING AND MECHANICAL ELECTRIC ACTUATED GATE VALVE ASSEMBLY | | 6" HYDRANT ASSEMBLY #5 — 16" 45° DI BEND |
| | | PROPOSED WATER MAIN | SEE DETAIL ON SHEET 28 | | |
| | <u></u> . | | | | |
| - 16" 45° DI BEND | TRENCH DEPTH ELEVATION IS 6" BELOW PIPE DEPTH | PROPOSED 16" DIP CLASS 350 WATER MAIN (OPEN CUT) | PROPOSE (SEE DETAIL ON S | D VAULT HEET 28) | |
| 160+00 | 160+50 | 161+00 | 161+50 | 162+00 | 162+50 |
| | BY ALC | MANATEE AVENU NTRACOASTAL C | IE) WATER MAIN ROSSING | LICENSED PROFESSIONAL JORDAN W. WALKER, P.E. FL LICENSE NUMBER 78652 DATE: | PLAN AN |

PLAN AND PROFILE [158+00 -163+00]



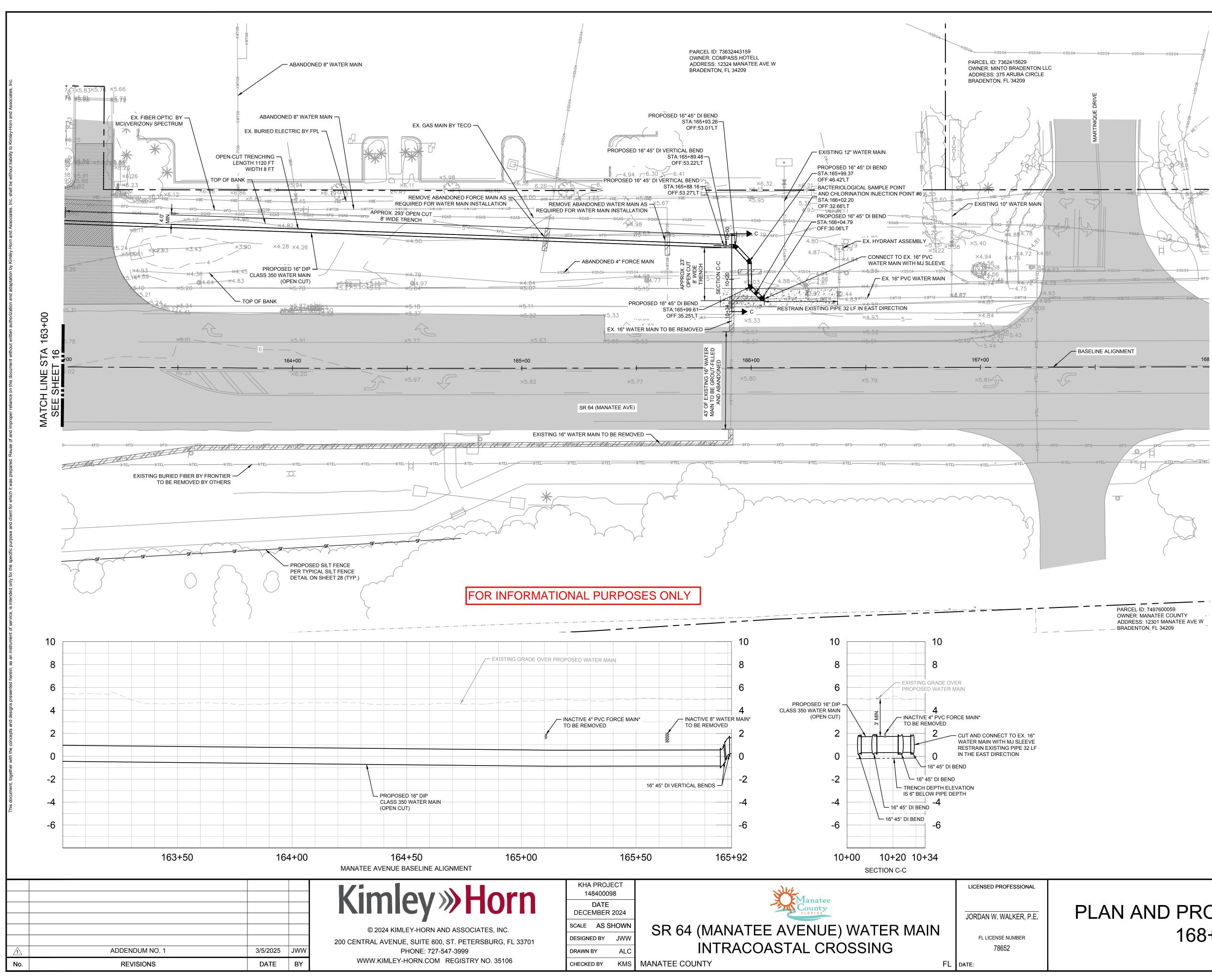
PROPOSED 16" 45° DI BEND

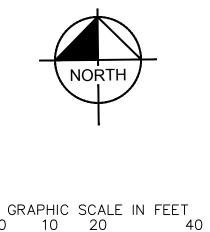
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SHEET NUMBER





<u>LEGEND</u>



FDOT BANK RUN SHELL RESTORATION

DEMO EXISTING

EXISTING ROADWAY

FDOT BANK RUN SHELL

WETLAND IMPACTS

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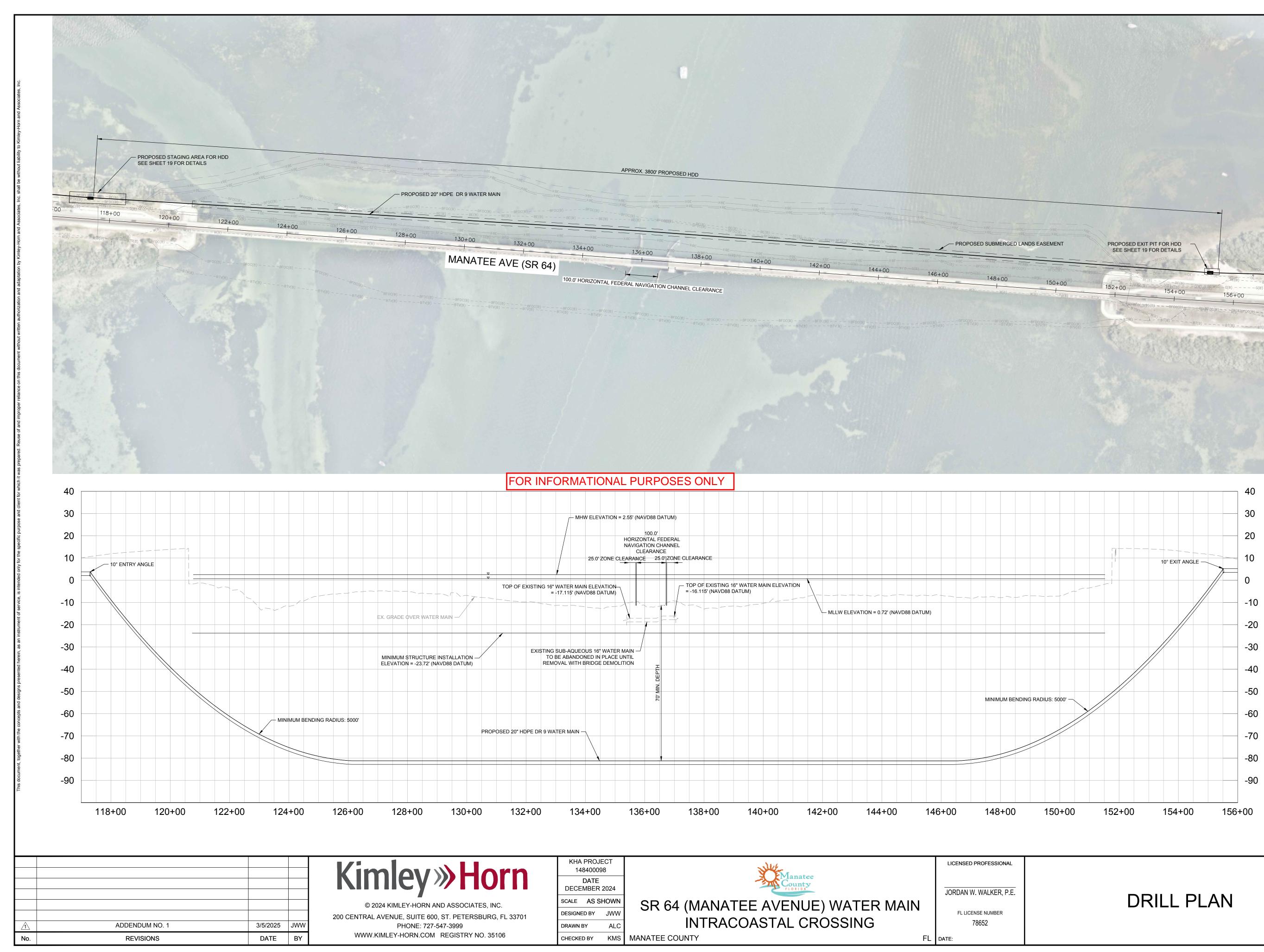
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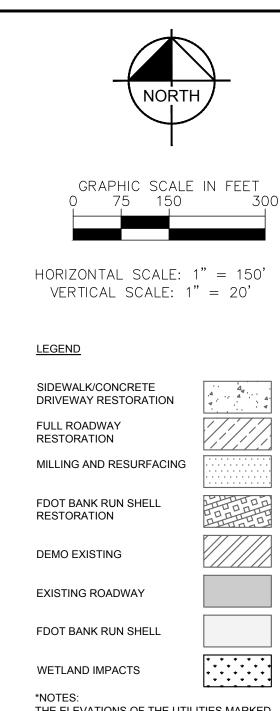


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SHEET NUMBER

PLAN AND PROFILE [163+00 -168+00]





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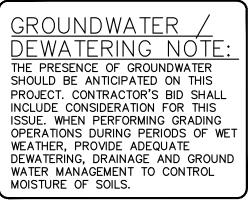
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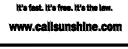
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