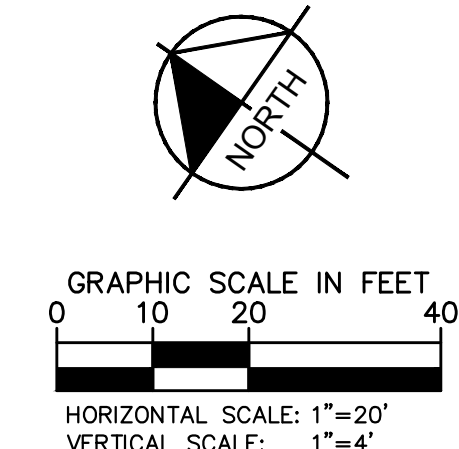
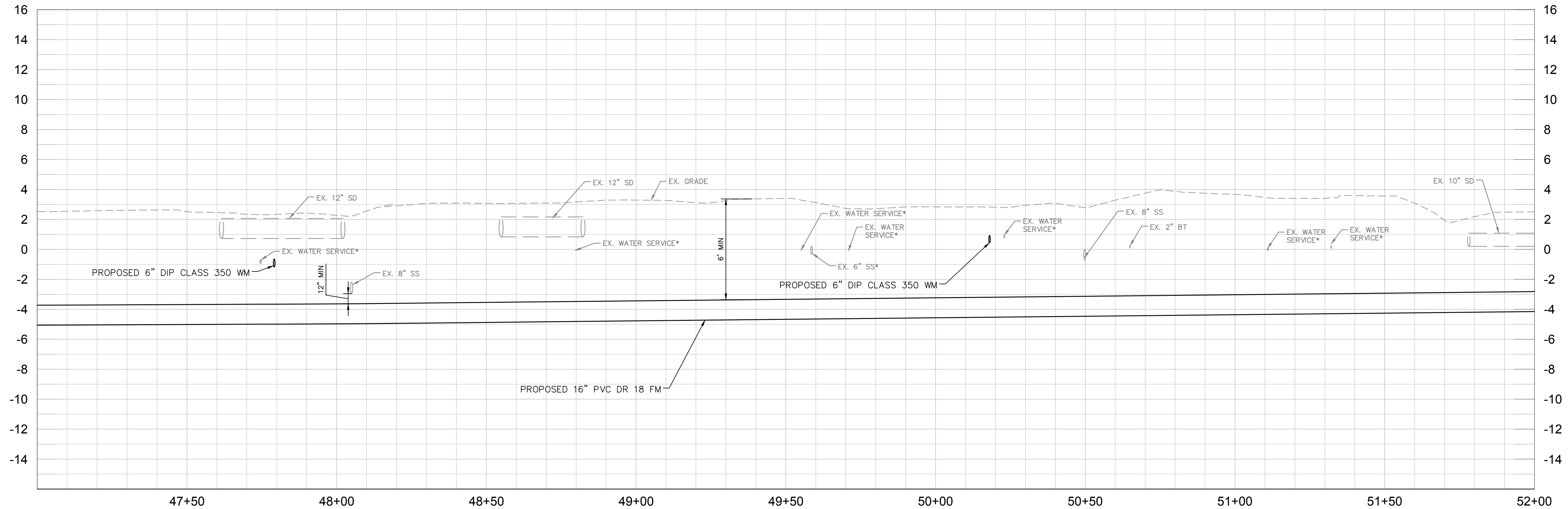
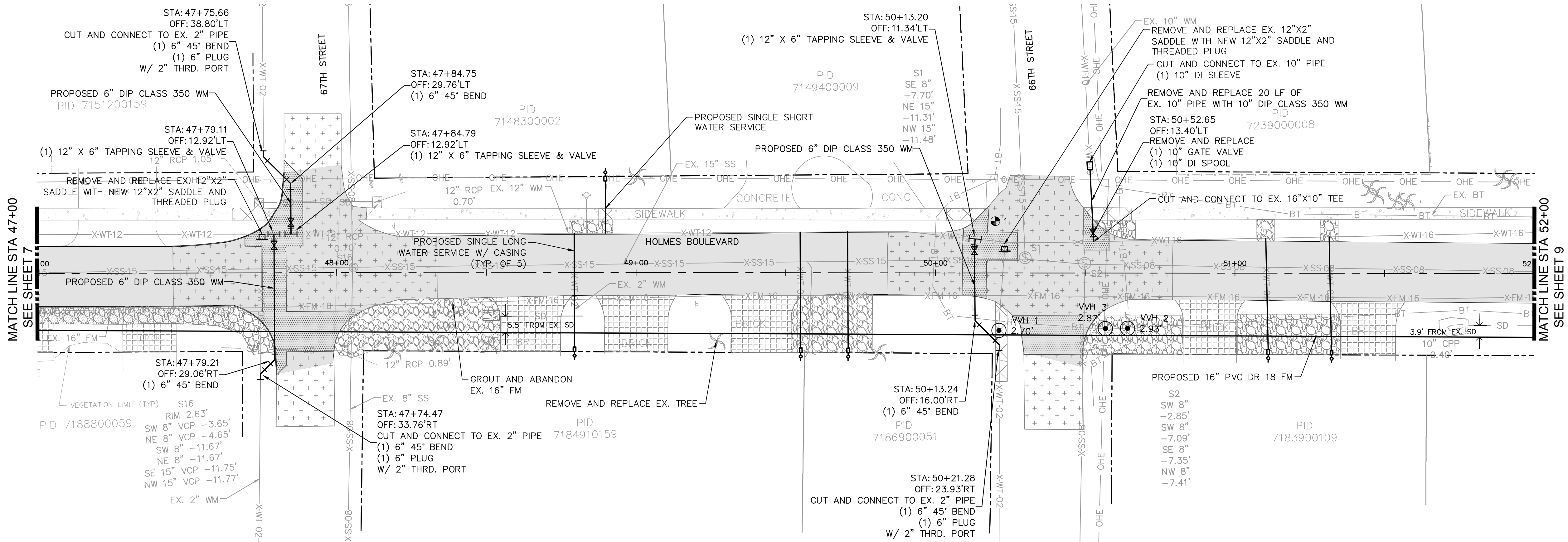


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- NOTES:
- CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS TABLE ON SHEET 21
 - CONTRACTOR SHALL INSTALL THRUST BLOCK ON ALL CONNECTIONS TO EXISTING PIPE PER DETAIL UG-7 ON SHEET 20

- LEGEND
- OPEN CUT
 - SIDEWALK/CONCRETE DRIVEWAY RESTORATION
 - BRICK DRIVEWAY RESTORATION
 - SHELL RESTORATION
 - FULL ROADWAY RESTORATION
 - MILLING AND RESURFACING
 - INFILTRATION TRENCH REPLACEMENT

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No.	REVISIONS	DATE BY

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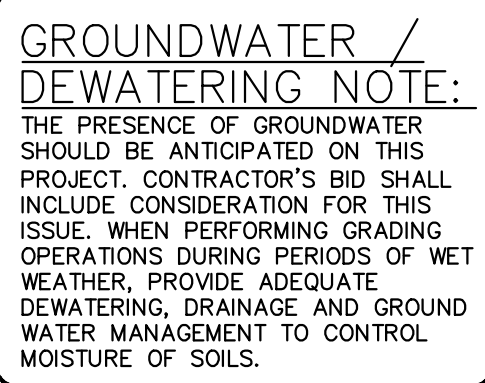
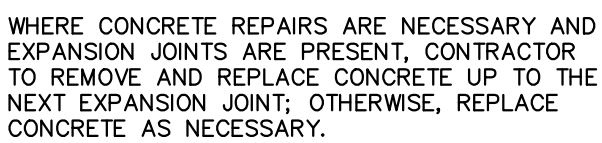
KHA PROJECT 148400036
DATE 4/5/2021
SCALE AS SHOWN
DESIGNED BY MAS
DRAWN BY JWM
CHECKED BY WEW

HOLMES BOULEVARD FORCE MAIN REPLACEMENT
MANATEE COUNTY

LICENSED PROFESSIONAL
MICHAEL A. SEMAGO, P.E.
FL LICENSE NUMBER 87501
FL DATE:

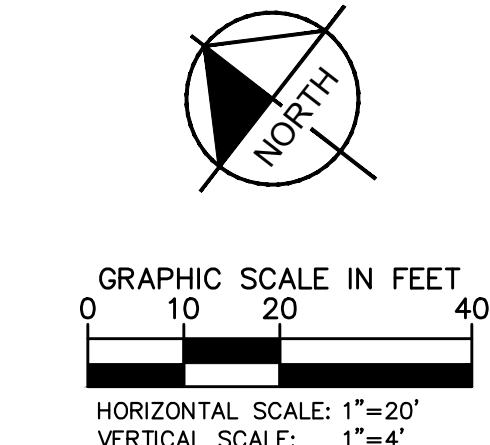
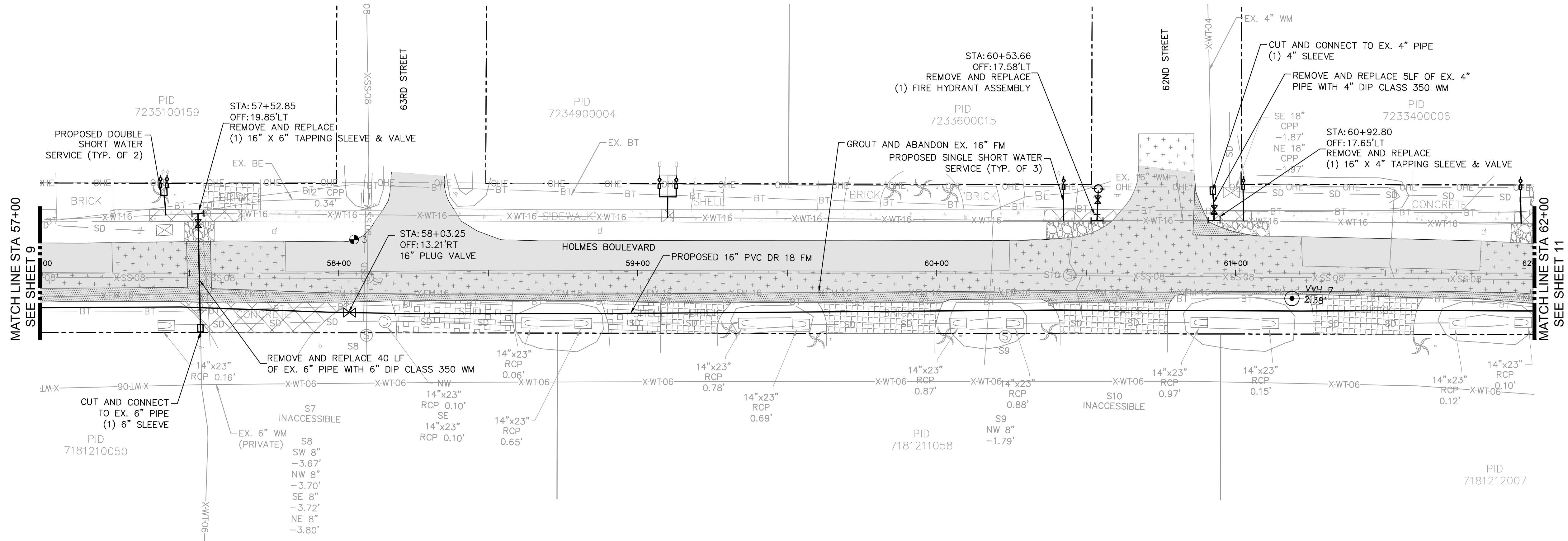
PLAN & PROFILE
STA 47+00 - 52+00

SHEET NUMBER
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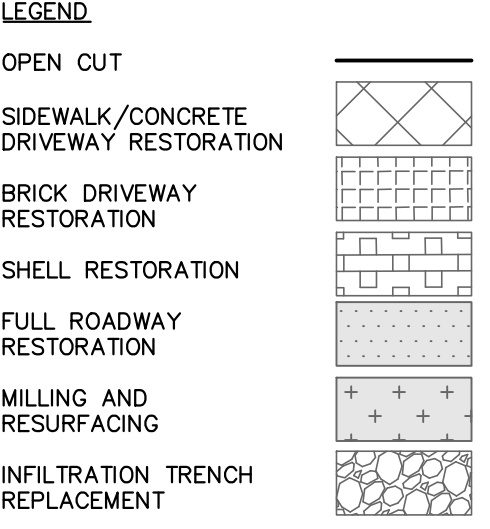


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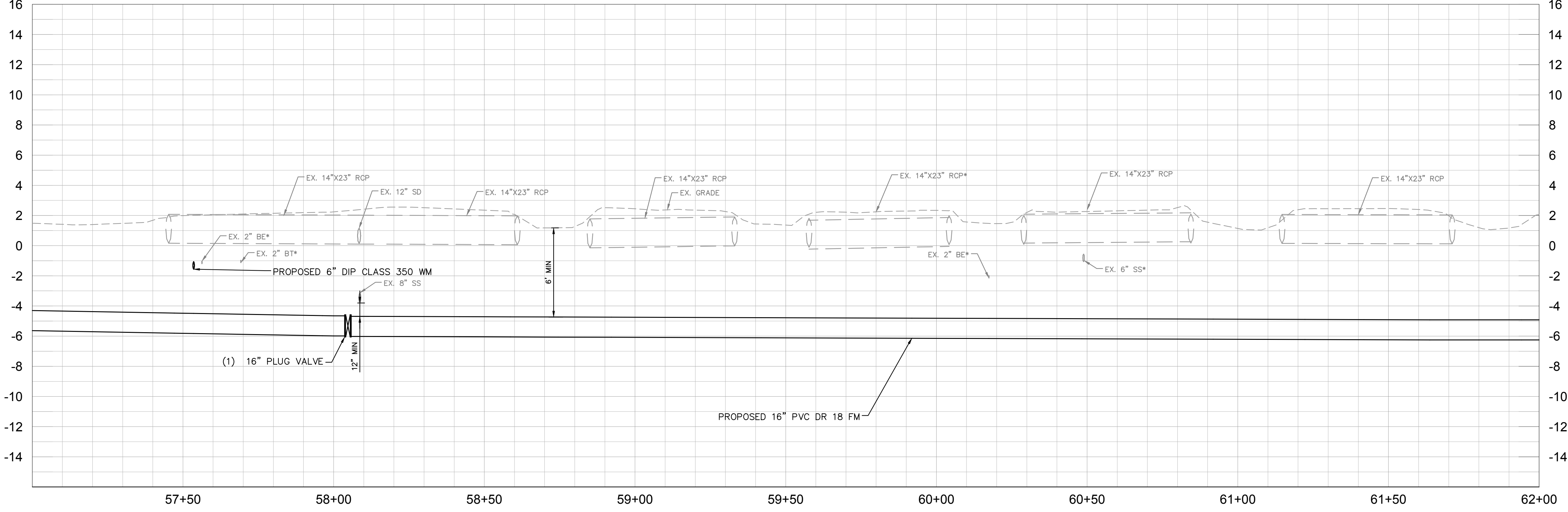


- NOTES:
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PHONE: 727-547-3999
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KHA PROJECT 148400036
DATE 4/5/2021
SCALE AS SHOWN
DESIGNED BY MAS
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CHECKED BY WEW

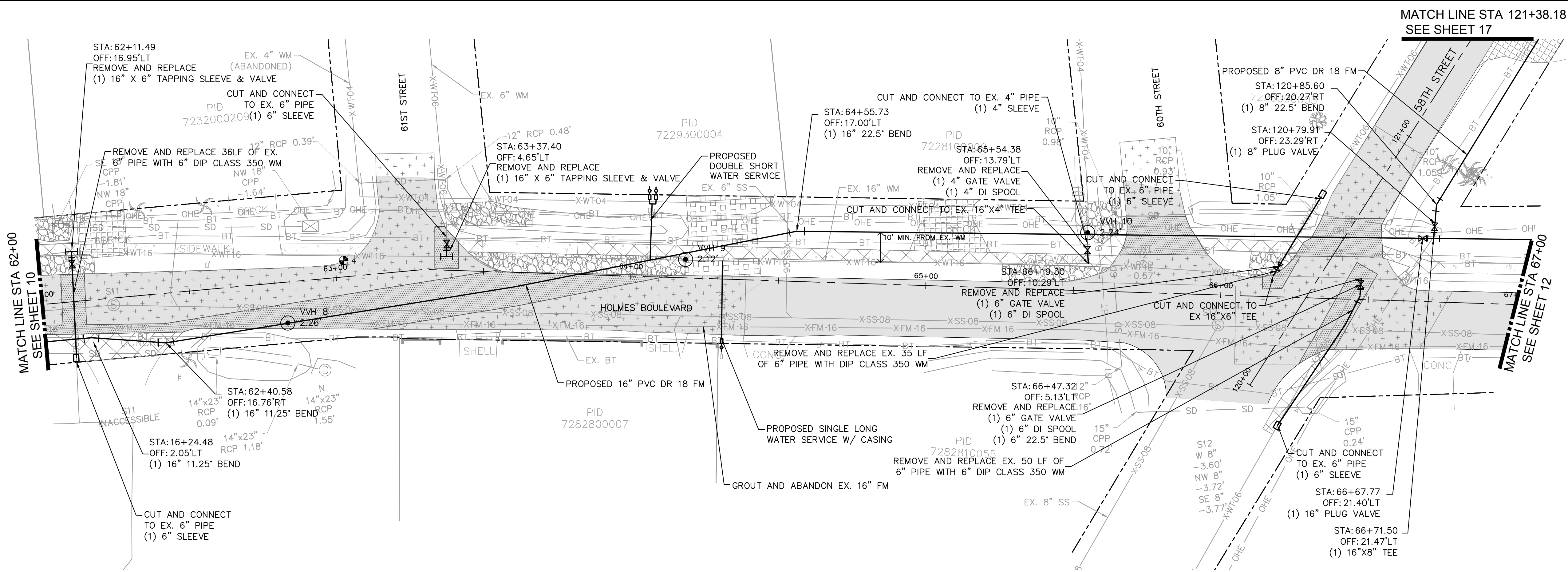
HOLMES BOULEVARD FORCE MAIN REPLACEMENT
MANATEE COUNTY

LICENSED PROFESSIONAL
MICHAEL A. SEMAGO, P.E.
FL LICENSE NUMBER 87501

PLAN & PROFILE
STA 57+00 - 62+00

SHEET NUMBER
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GRAPHIC SCALE IN FEET

0 10 20 40

HORIZONTAL SCALE: 1"=20'

VERTICAL SCALE: 1"=4'

NOTES:

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LEGEND

OPEN CUT

SIDEWALK/CONCRETE DRIVEWAY RESTORATION

BRICK DRIVEWAY RESTORATION

SHELL RESTORATION

FULL ROADWAY RESTORATION

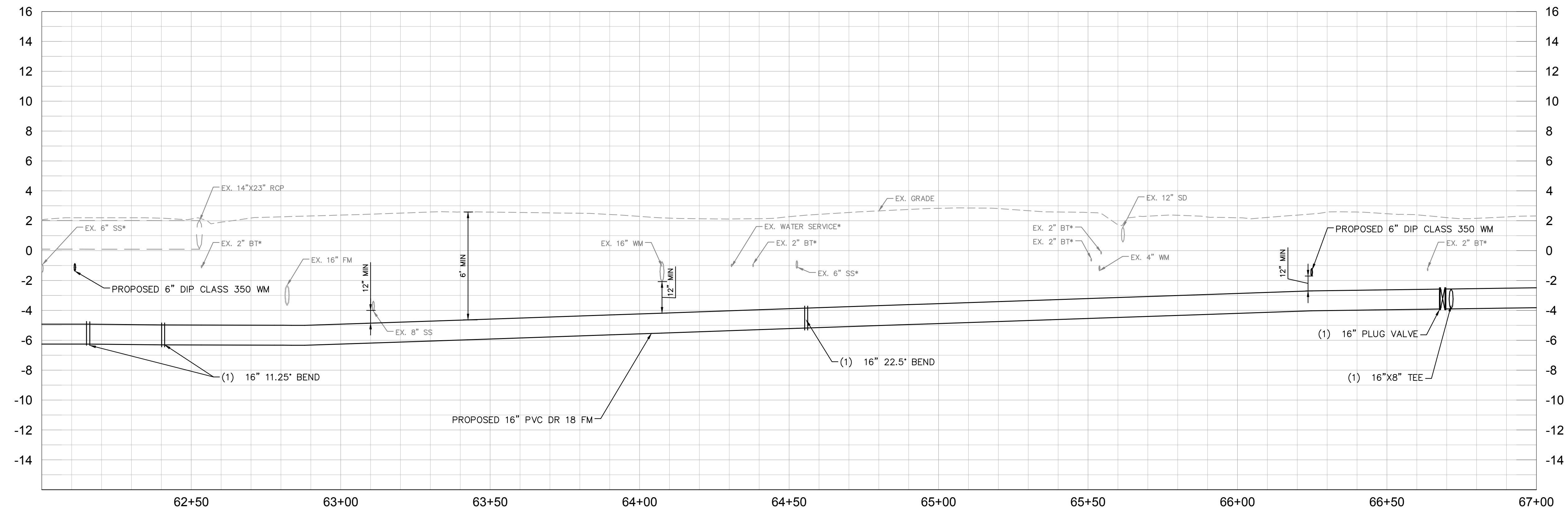
MILLING AND RESURFACING

INFILTRATION TRENCH REPLACEMENT

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KHA PROJECT
148400036

DATE
4/5/2021

SCALE AS SHOWN

DESIGNED BY MAS

DRAWN BY JWM

CHECKED BY WEW

Manatee County

HOLMES BOULEVARD FORCE MAIN REPLACEMENT

MANATEE COUNTY

LICENSED PROFESSIONAL

MICHAEL A. SEMAGO, P.E.

FL LICENSE NUMBER
87501

FL DATE:

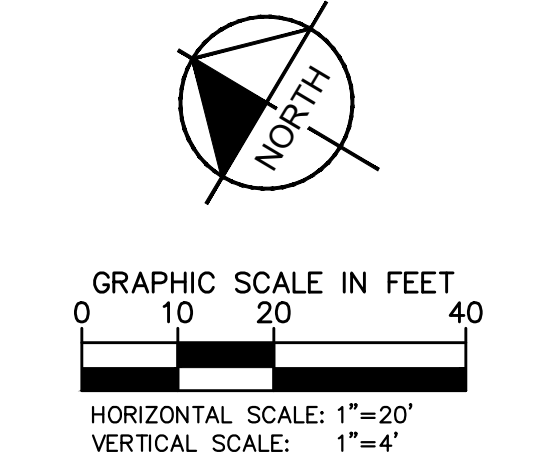
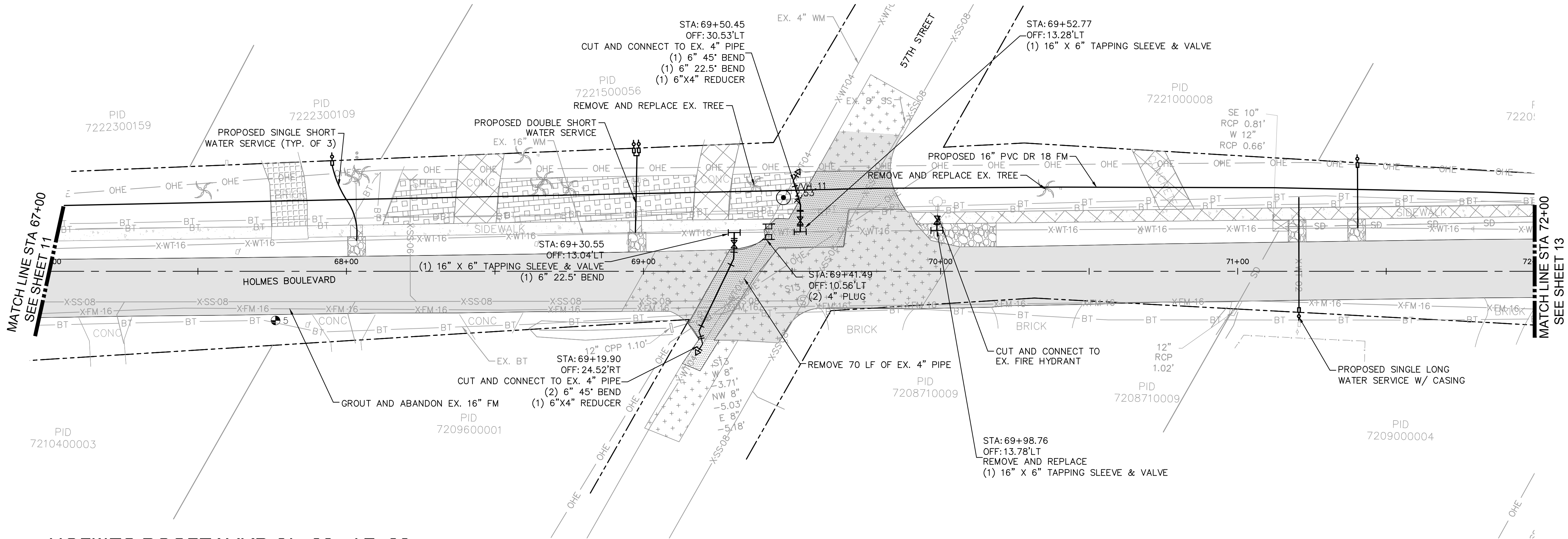
PLAN & PROFILE

STA 62+00 - 67+00

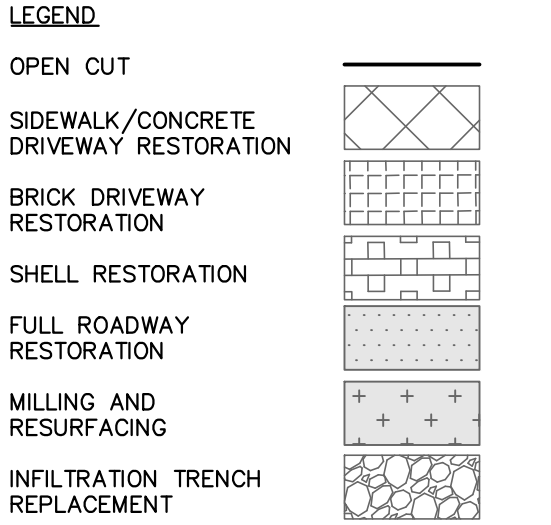
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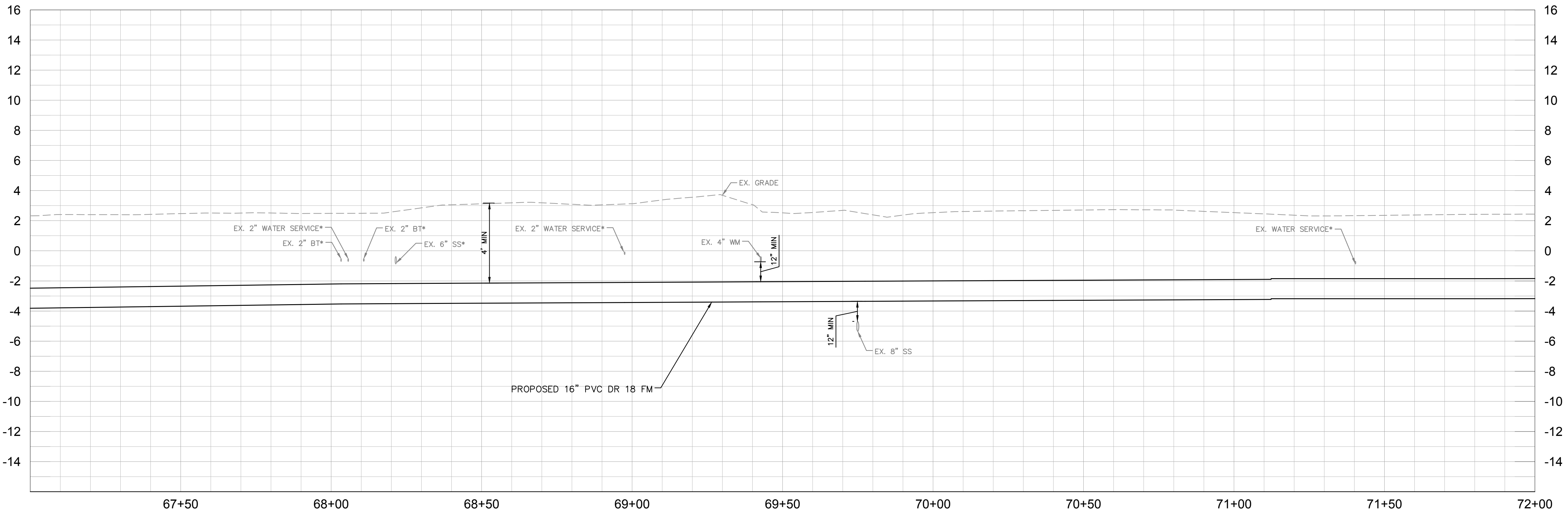


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KHA PROJECT 148400036
DATE 4/6/2021
SCALE AS SHOWN
DESIGNED BY MAS
DRAWN BY JWM
CHECKED BY WEW

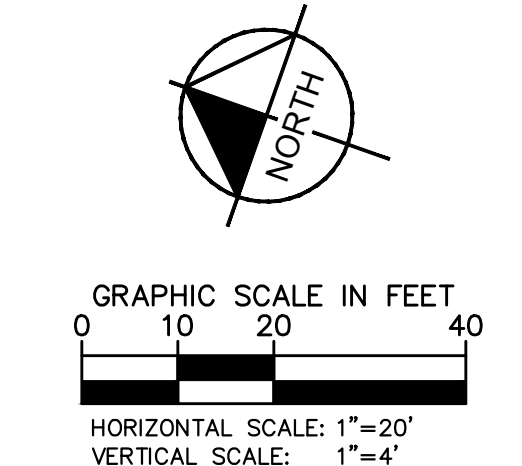
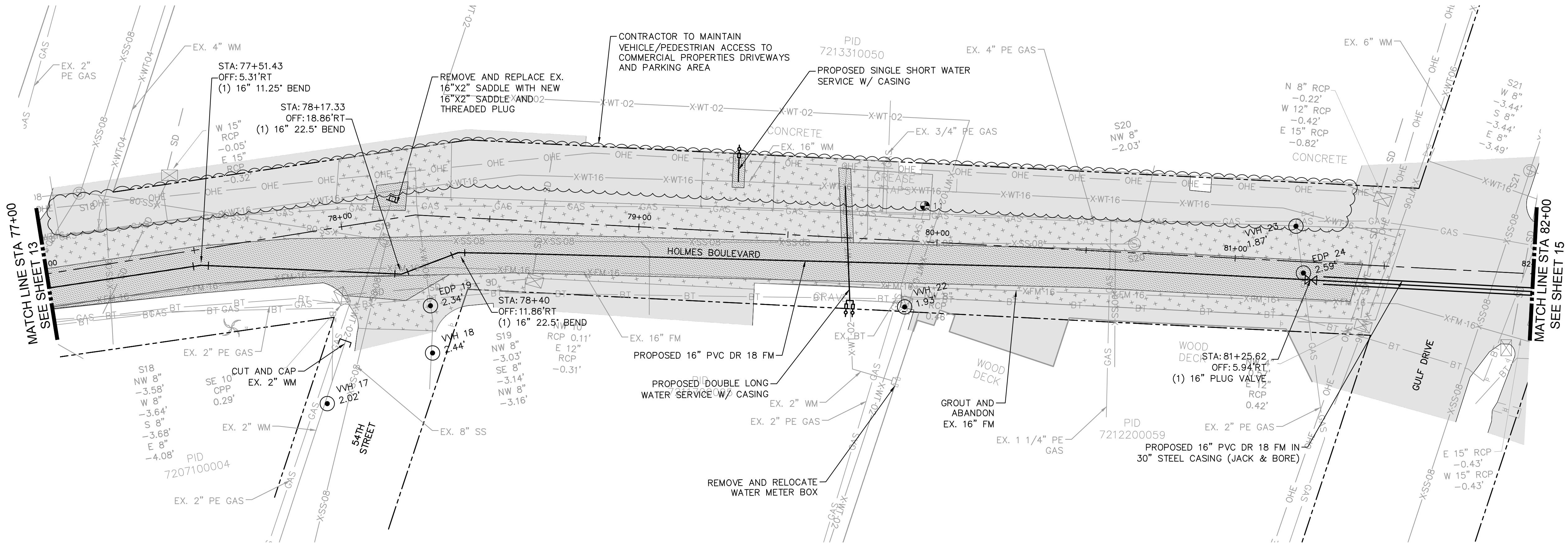
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MANATEE COUNTY

LICENSED PROFESSIONAL
MICHAEL A. SEMAGO, P.E.
FL LICENSE NUMBER 87501

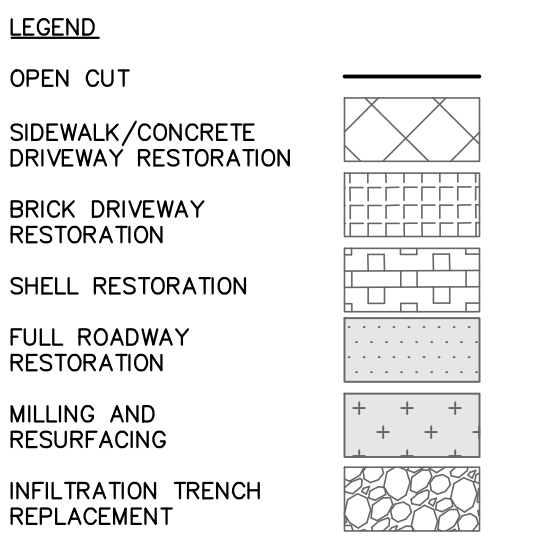
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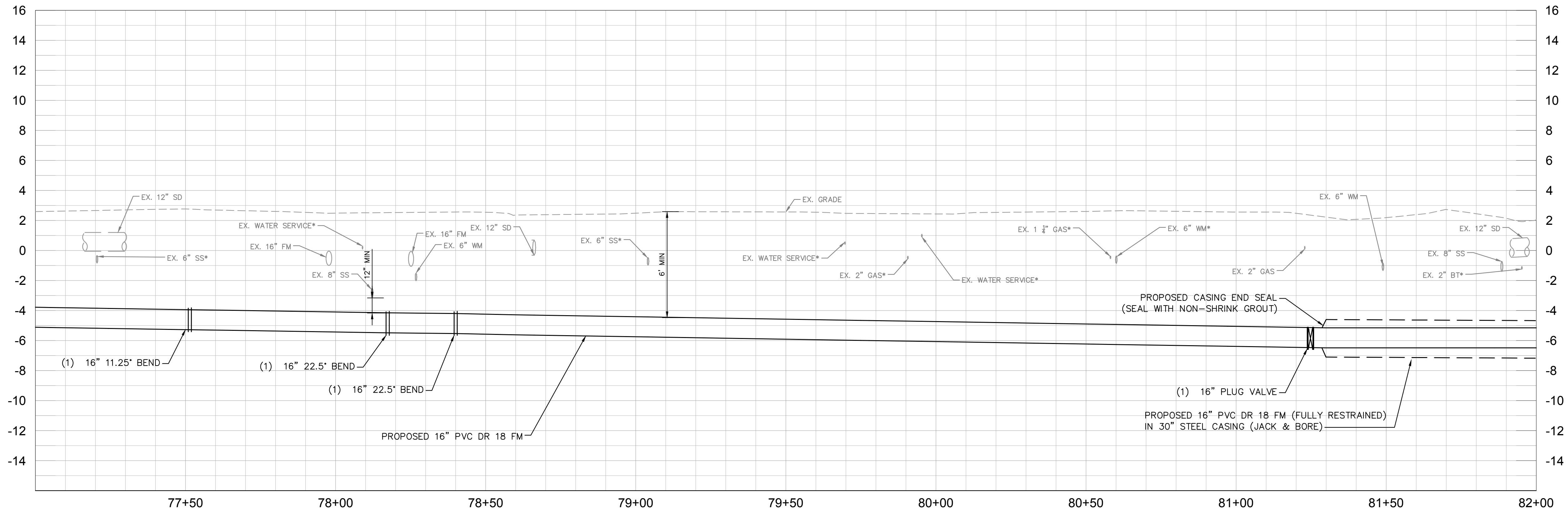


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KHA PROJECT
148400036
DATE
4/5/2021
SCALE AS SHOWN
DESIGNED BY MAS
DRAWN BY JWM
CHECKED BY WEW

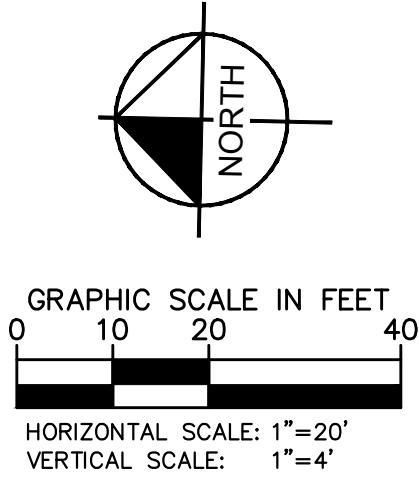
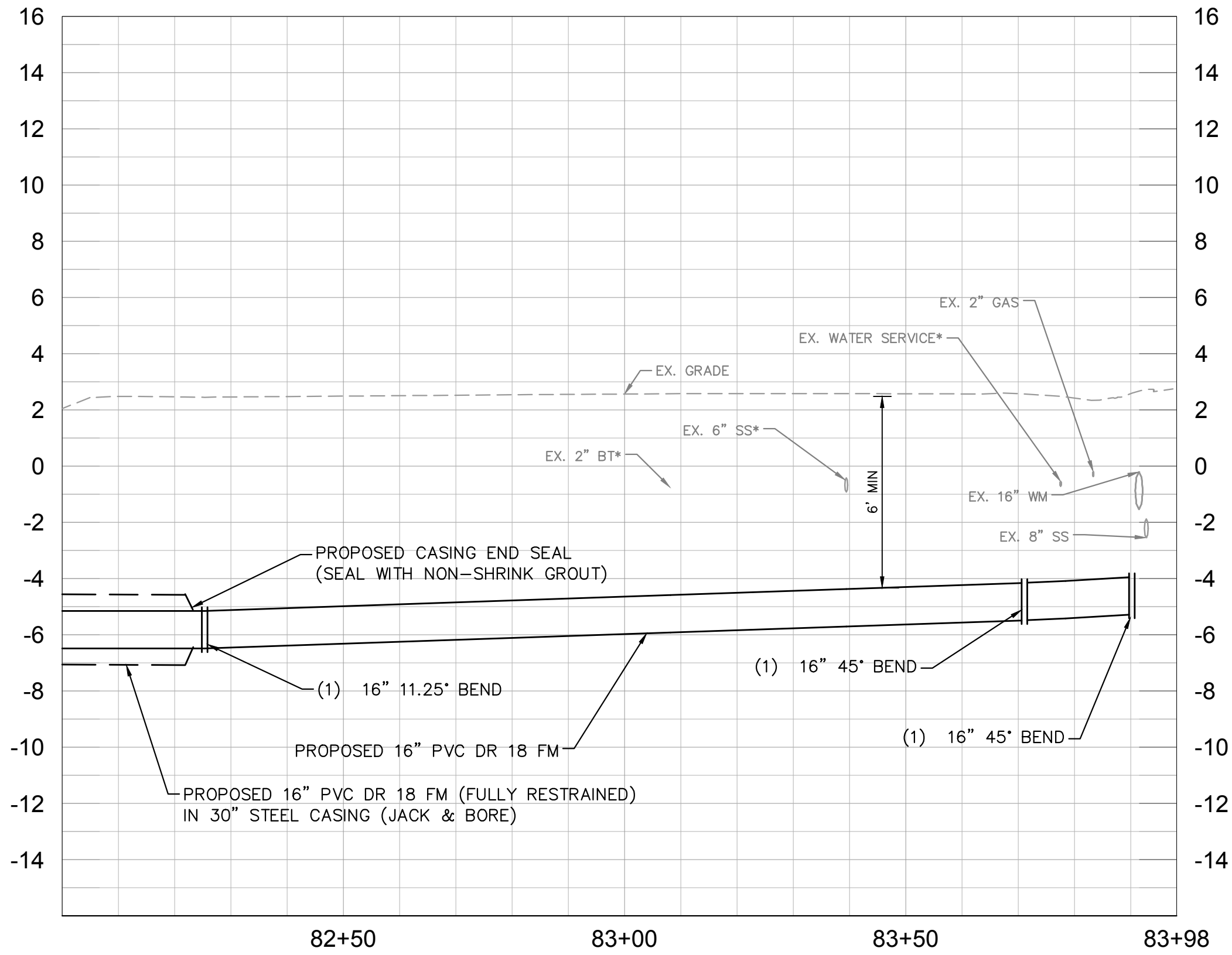
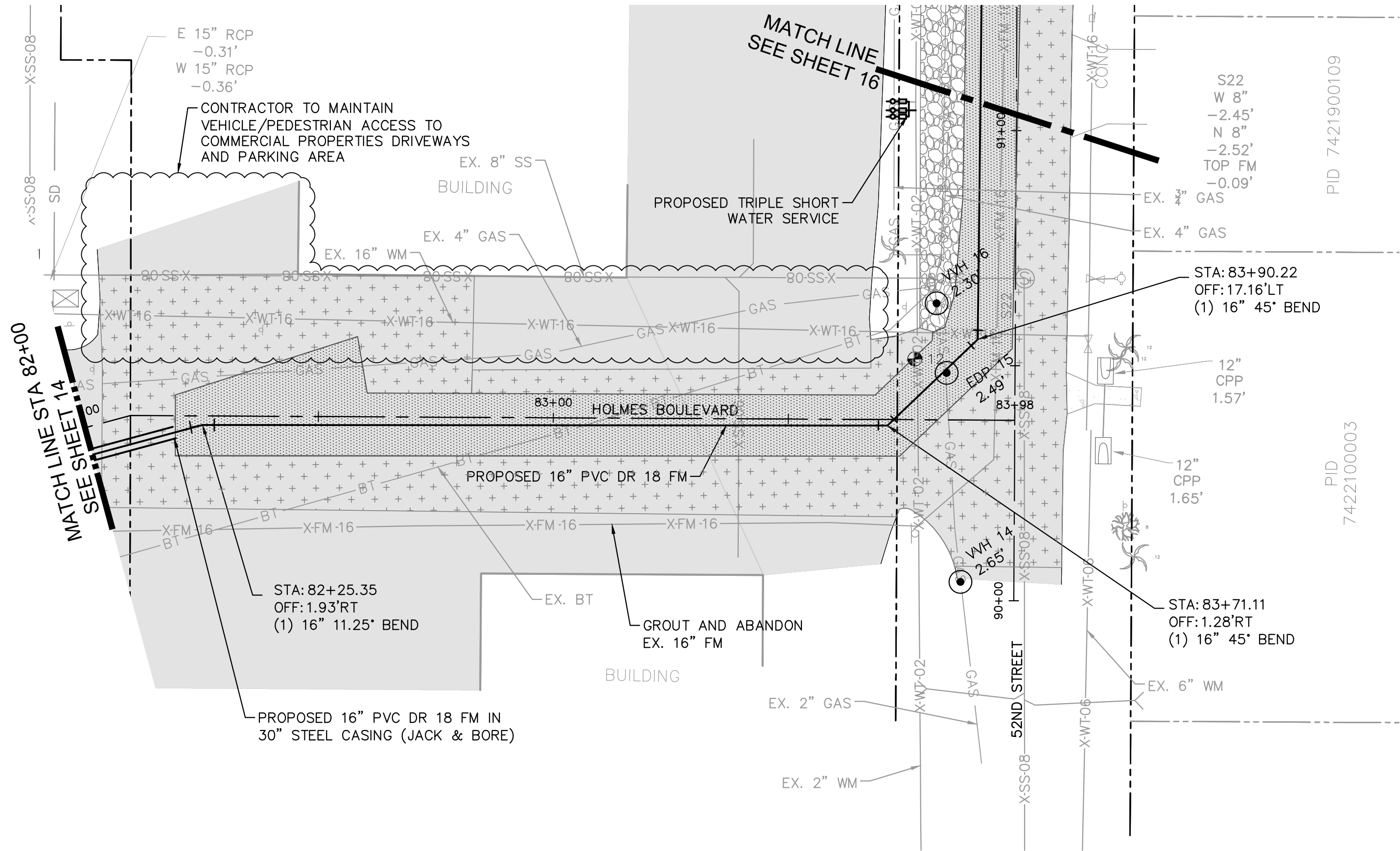
HOLMES BOULEVARD FORCE MAIN REPLACEMENT
MANATEE COUNTY

LICENSED PROFESSIONAL
MICHAEL A. SEMAGO, P.E.
FL LICENSE NUMBER
87501
FL DATE:

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SHEET NUMBER
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LEGEND

OPEN CUT	
SIDEWALK/CONCRETE DRIVEWAY RESTORATION	
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KHA PROJECT 148400036
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HOLMES BOULEVARD FORCE MAIN REPLACEMENT

MANATEE COUNTY

LICENSED PROFESSIONAL

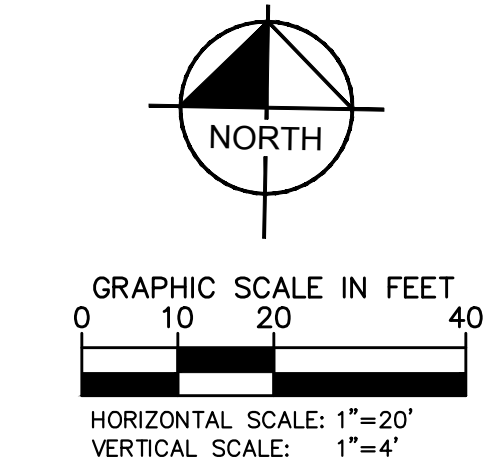
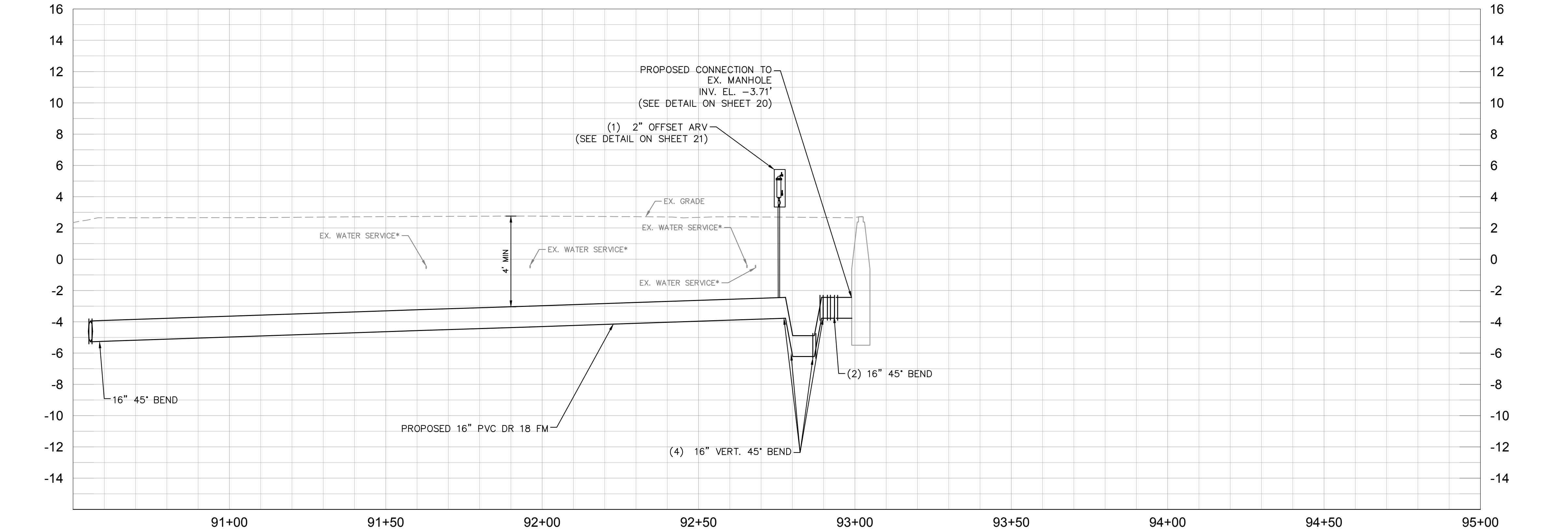
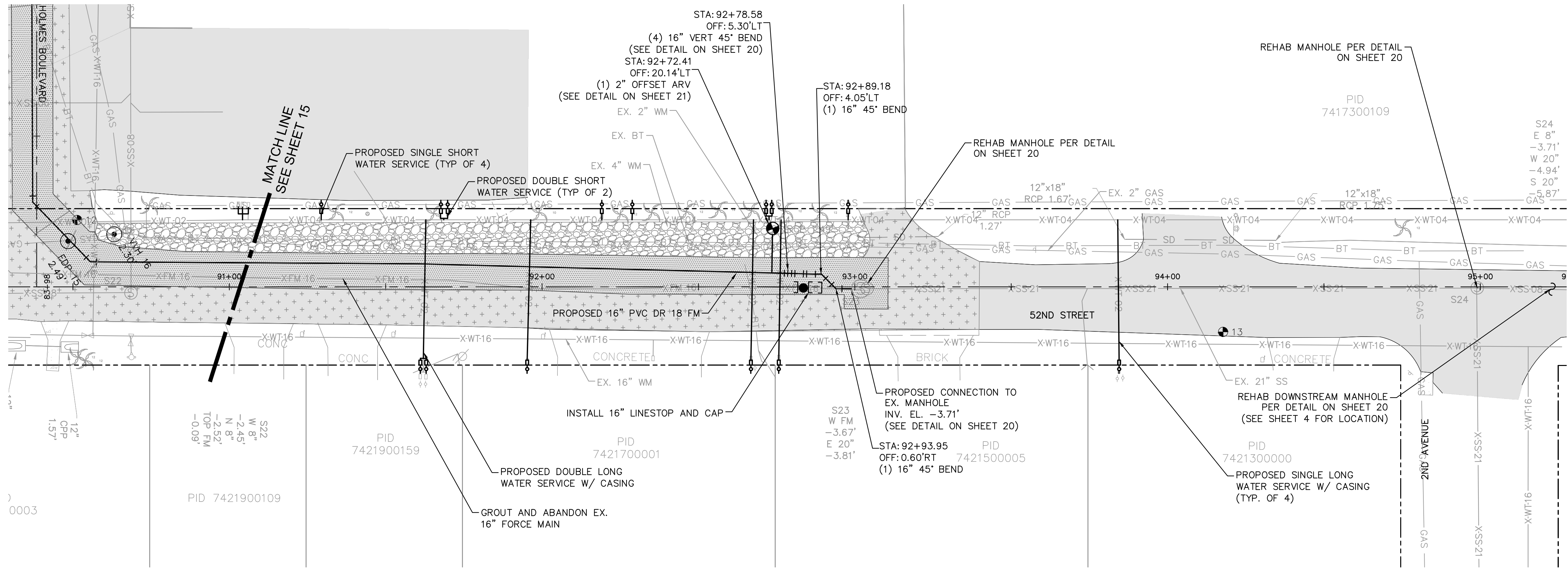
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LEGEND:

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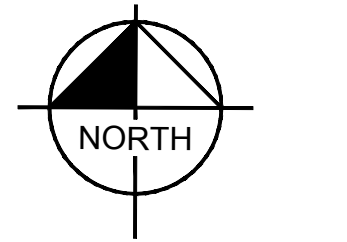
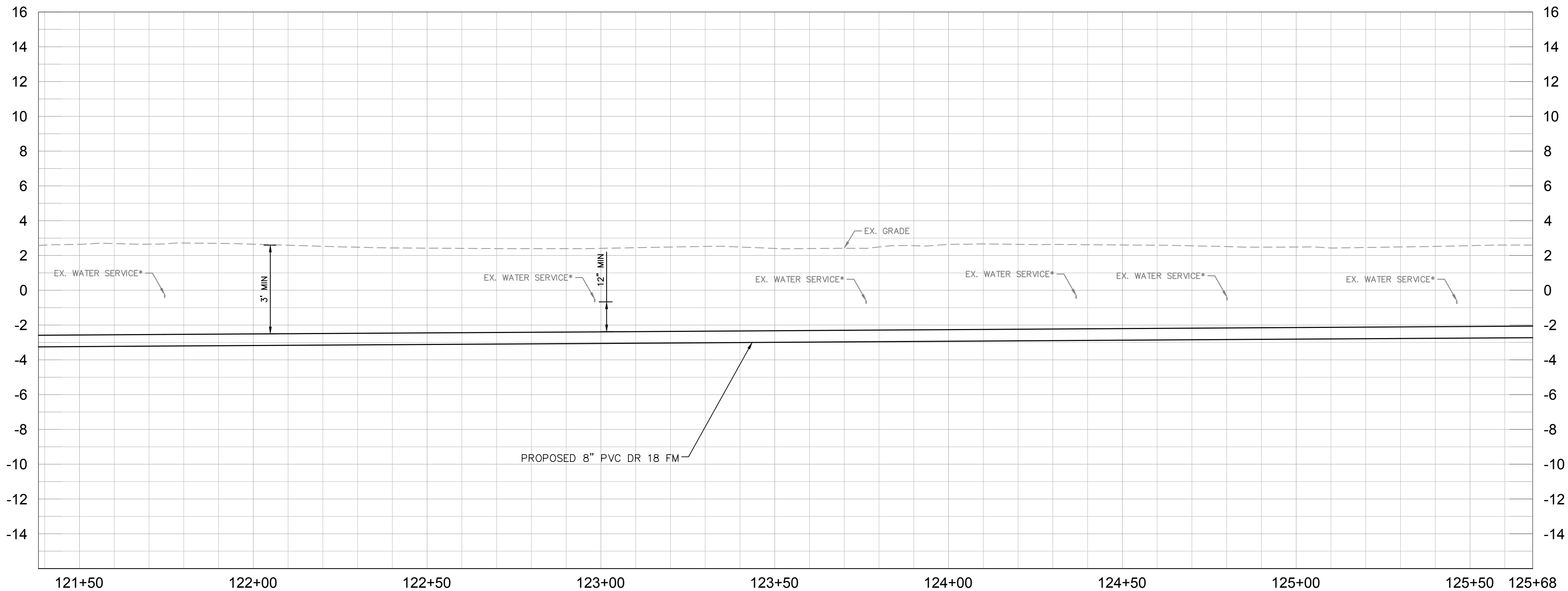
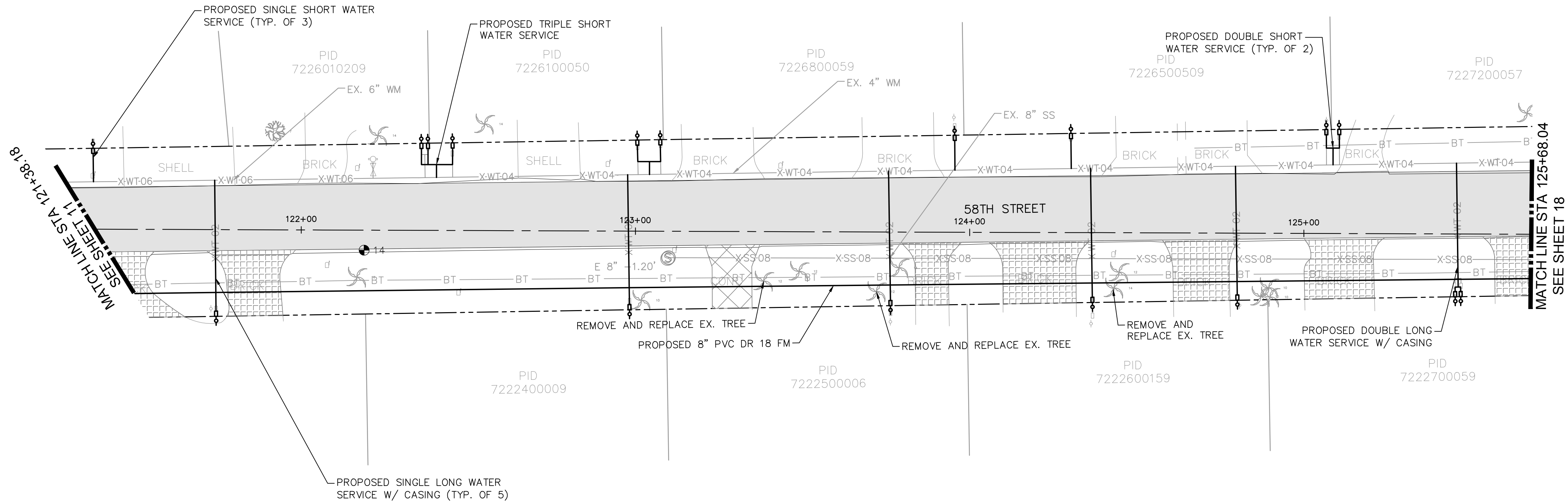
ADDENDUM 1	4/5/2021	MAS
No.	REVISIONS	DATE BY

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100 2ND AVENUE SOUTH, SUITE 105N, ST. PETERSBURG, FL 33701	SCALE AS SHOWN
PHONE: 727-547-3999	DESIGNED BY MAS
WWW.KIMLEY-HORN.COM CA 00000696	DRAWN BY JWM
	CHECKED BY WEW

Manatee County	LICENSED PROFESSIONAL
HOLMES BOULEVARD FORCE MAIN REPLACEMENT	MICHAEL A. SEMAGO, P.E.
MANATEE COUNTY	FL LICENSE NUMBER 87501
	DATE:

PLAN & PROFILE STA 91+26 - 95+00	SHEET NUMBER 16
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GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

NOTES:

- CONTRACTOR SHALL RESTRAIN PIPE PER RESTRAIN LENGTHS TABLE ON SHEET 21
- CONTRACTOR SHALL INSTALL THRUST BLOCK ON ALL CONNECTIONS TO EXISTING PIPE PER DETAIL UG-7 ON SHEET 20

LEGEND

OPEN CUT	
SIDEWALK/CONCRETE DRIVEWAY RESTORATION	
BRICK DRIVEWAY RESTORATION	
SHELL RESTORATION	
FULL ROADWAY RESTORATION	
MILLING AND RESURFACING	
INFILTRATION TRENCH REPLACEMENT	

*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 FORCE MAIN. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT FORCE MAIN CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED FORCE 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.

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.



ADDENDUM 1	4/5/2021	MAS
No.	REVISIONS	DATE BY

Kimley»Horn	
© 2019 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N, ST. PETERSBURG, FL 33701 PHONE: 727-547-3999 WWW.KIMLEY-HORN.COM CA 00000696	
KHA PROJECT 148400036	DATE 4/5/2021
SCALE AS SHOWN	DESIGNED BY MAS
DRAWN BY JVM	CHECKED BY WEW

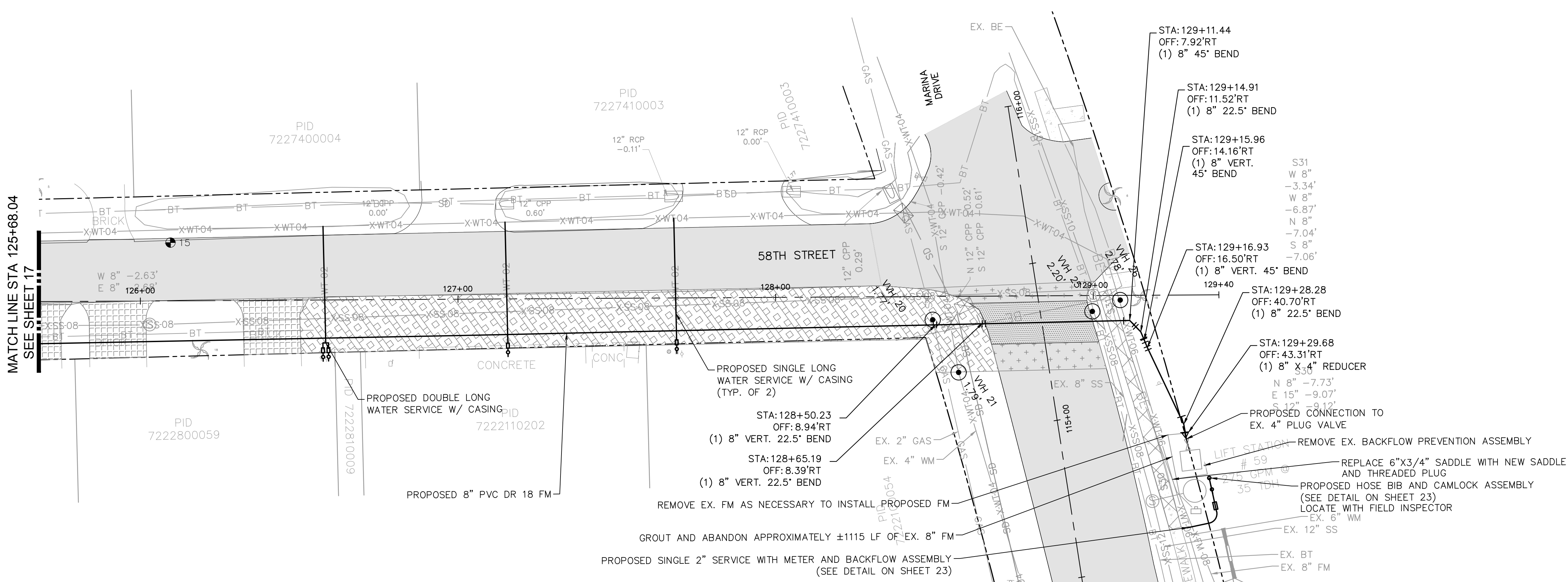
HOLMES BOULEVARD FORCE MAIN REPLACEMENT
MANATEE COUNTY

LICENSED PROFESSIONAL
MICHAEL A. SEMAGO, P.E.
FL LICENSE NUMBER 87501

PLAN & PROFILE STA 121+38 - 125+68

SHEET NUMBER
17

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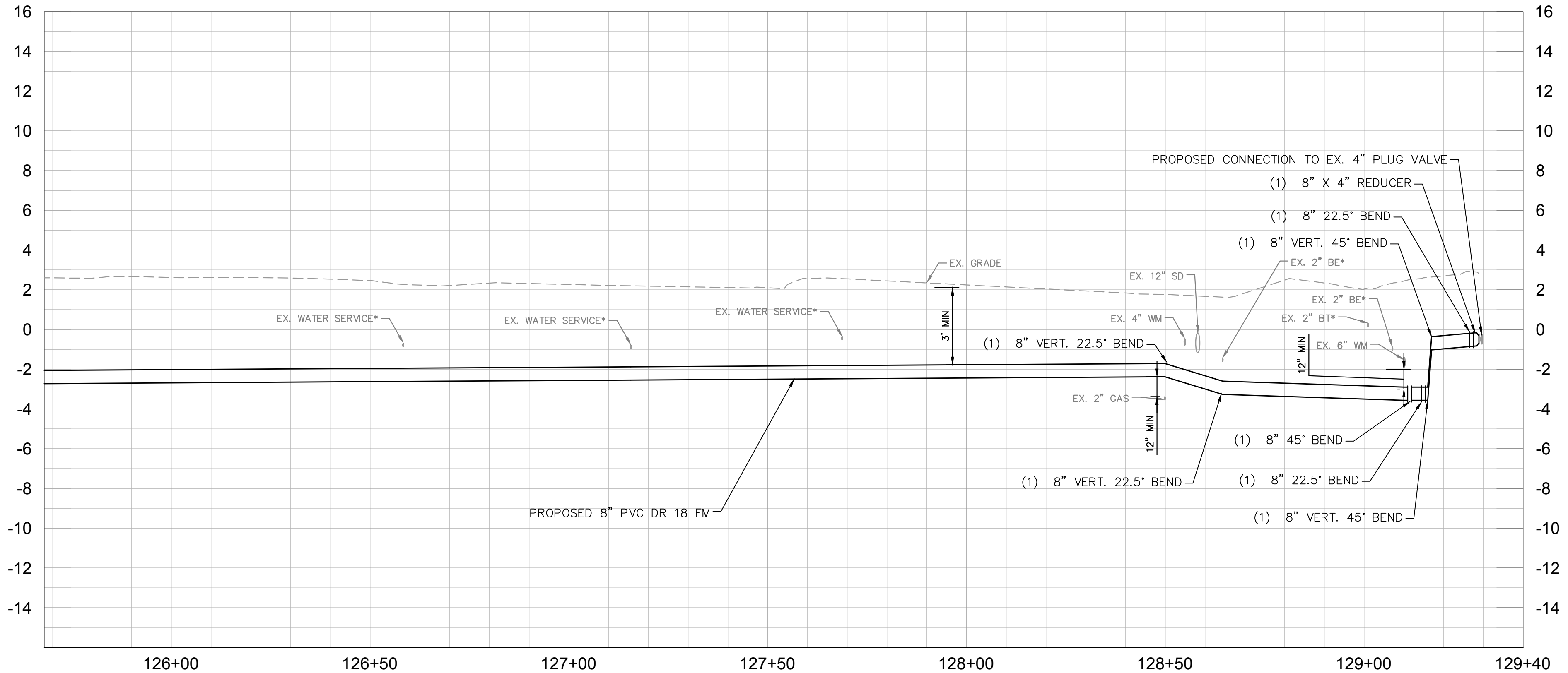
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HOLMES BOULEVARD FORCE MAIN REPLACEMENT
MANATEE COUNTY

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SHEET NUMBER
18