

CONSTRUCTION PLANS

for INDIAN RIVER COUNTY NORTH COUNTY WATER & SEWER SYSTEM PHASE 2

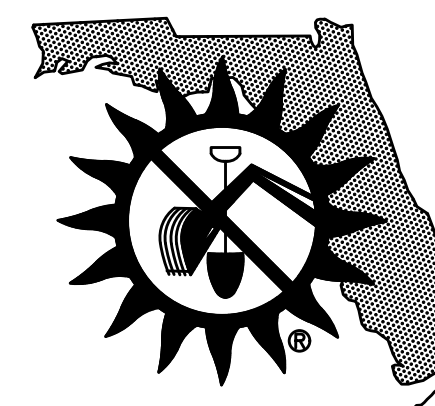
INDIAN RIVER COUNTY, FLORIDA JANUARY, 2021

INDEX OF SHEETS

1. TITLE SHEET
2. CONSTRUCTION NOTES
3. KEY MAP
- 4.-5. 82ND COURT PLAN AND PROFILE
6. 128TH COURT & 129TH STREET PLAN AND PROFILE
7. 129TH COURT & 130TH STREET PLAN AND PROFILE
- 8.-9. 83RD AVENUE PLAN AND PROFILE
10. 133RD PLACE PLAN AND PROFILE
11. 82ND COURT & 133RD COURT PLAN AND PROFILE
- 12.-13. 83RD AVENUE PLAN AND PROFILE
14. 134TH STREET PLAN AND PROFILE
15. 135TH STREET PLAN AND PROFILE
16. 133RD PLACE PLAN AND PROFILE
17. 83RD AVENUE PLAN AND PROFILE
18. 135TH LANE PLAN AND PROFILE
19. 144TH STREET & 78TH AVENUE PLAN
- 19A.-20. 80TH STREET PLAN AND PROFILE
21. 143RD STREET PLAN AND PROFILE
22. 142ND STREET PLAN AND PROFILE
23. 81ST AVENUE PLAN AND PROFILE
24. 141ST STREET PLAN AND PROFILE
25. 140TH STREET PLAN AND PROFILE
26. 110TH STREET PLAN AND PROFILE
27. 142ND WAY & 143RD STREET PLAN
28. BAY STREET PLAN AND PROFILE
29. RUFFNER LANE PLAN AND PROFILE
- 30.-30A.,31. SANITARY SEWER DETAILS
- 32-33. POTABLE WATER & CONSTRUCTION DETAILS
- 34.-35. POTABLE WATER DETAILS
36. SWPPP TEMPLATE FOR MINIMUM BMP'S
37. MAINTENANCE OF TRAFFIC DETAILS

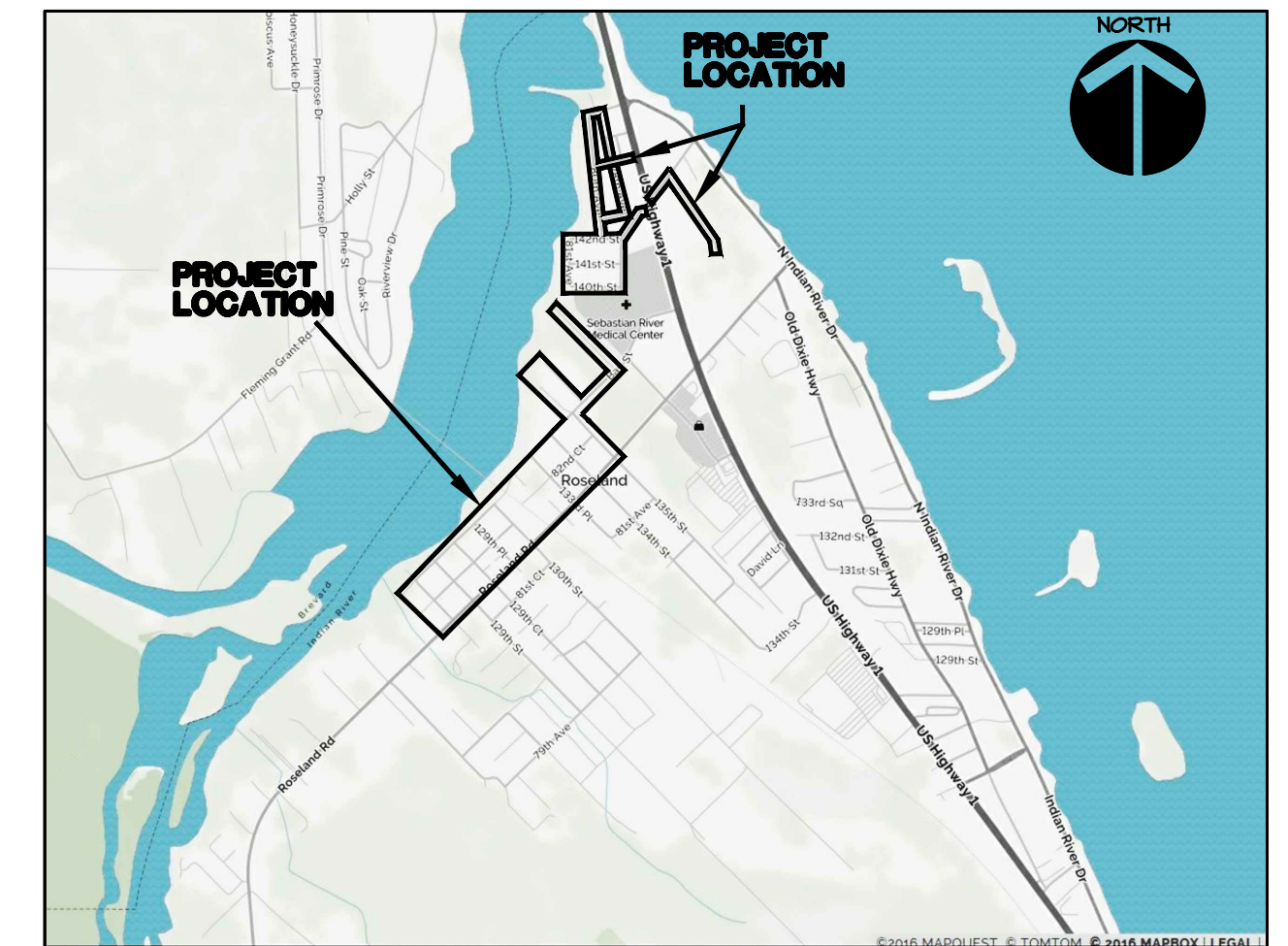


Call 48 hours before you dig in Florida



It's the Law!
1-800-432-4770
Sunshine State One Call of Florida, Inc.

VICINITY MAP (NOT TO SCALE)



OWNER/APPLICANT

INDIAN RIVER COUNTY UTILITIES DEPARTMENT
1801 27th STREET
VERO BEACH, FLORIDA 32960
Ph. (772) 226-1834

ENGINEER

MASTELLER AND MOLER, INC.
1655 27TH STREET, SUITE 2
VERO BEACH, FLORIDA 32960
Phone: (772) 567-5300
mastmolr@bellsouth.net

SURVEYOR

MASTELLER, MOLER, AND TAYLOR, INC.
1655 27TH STREET, SUITE 2
VERO BEACH, FLORIDA 32960
Phone: (772) 564-8050

FOR BIDDING PURPOSES ONLY

ADDENDUM NO. 4

INDIAN RIVER COUNTY NORTH COUNTY
WATER & SEWER SYSTEM - PHASE 2

M M **MASTELLER & MOLER, INC.**
CONSULTING ENGINEERS

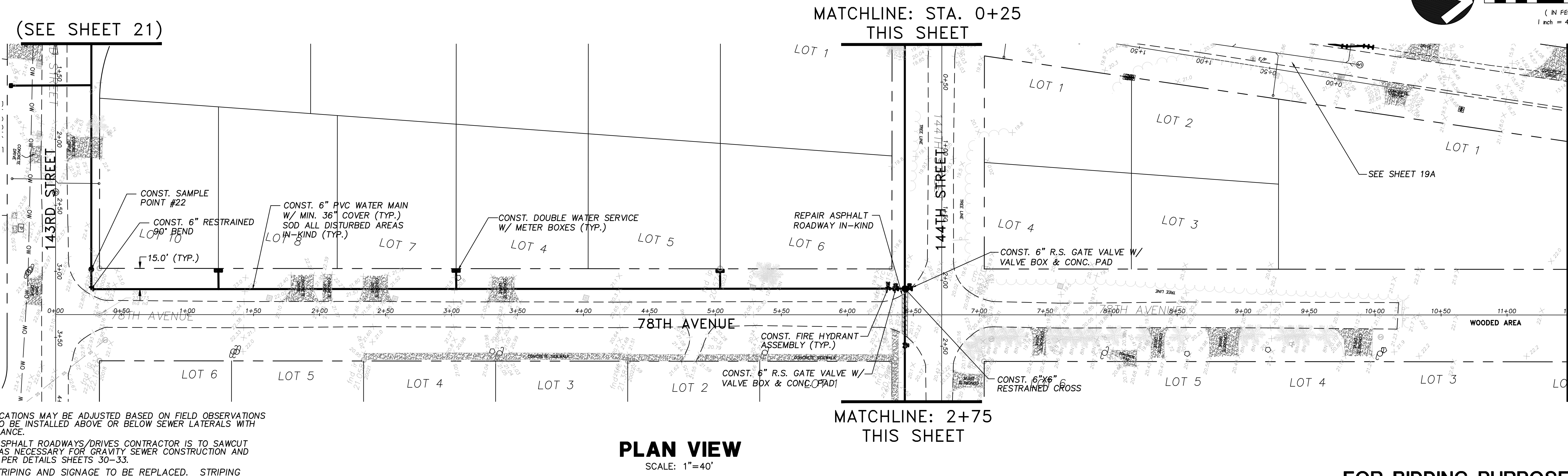
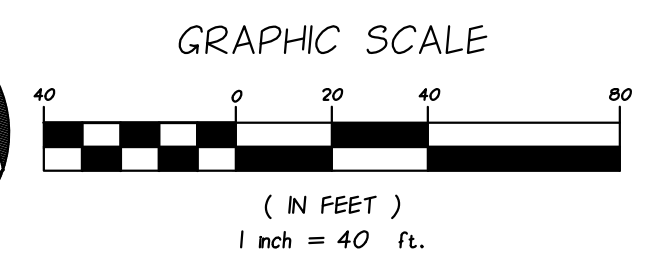
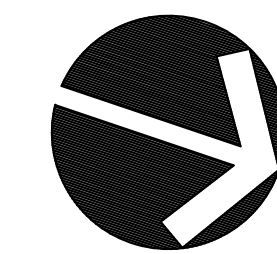
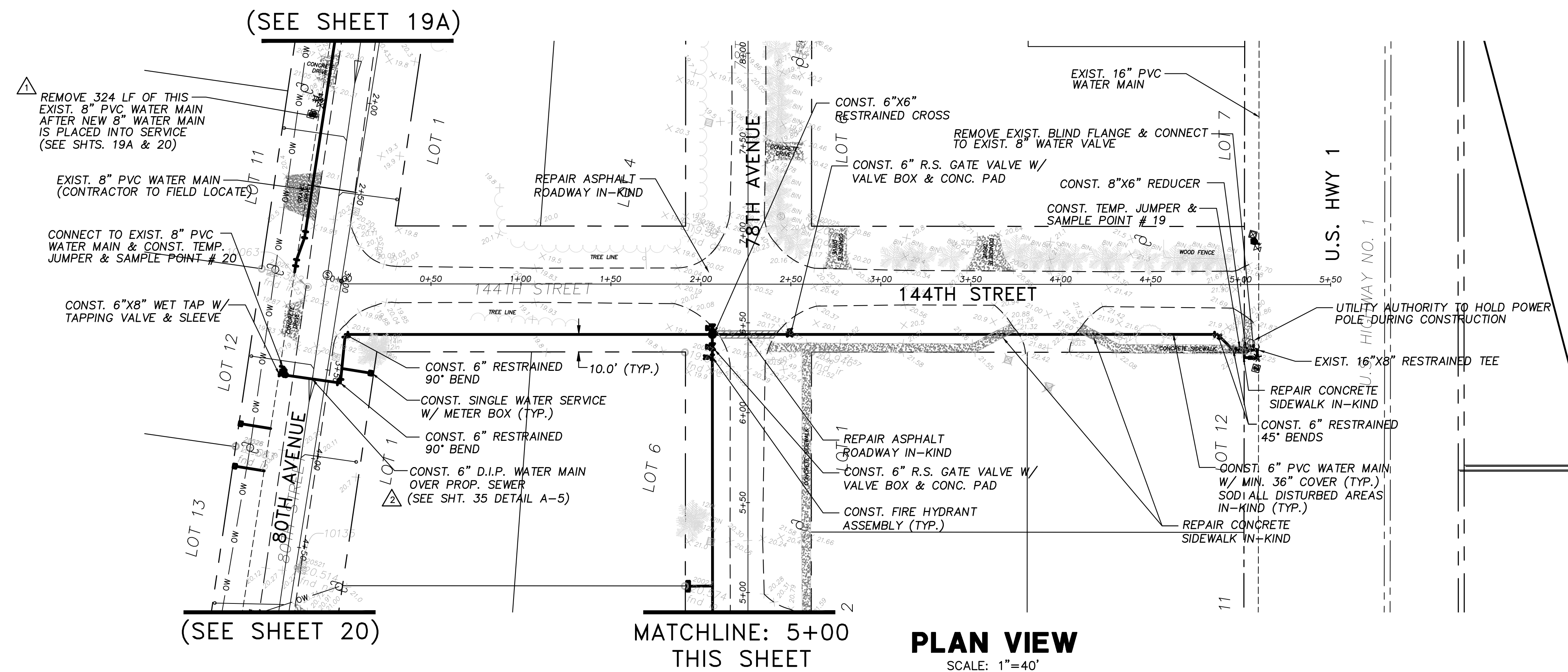
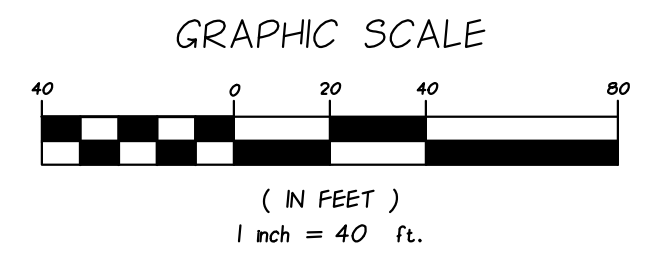
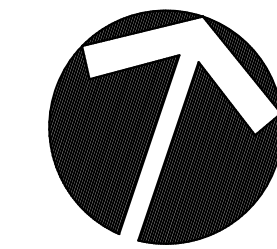
CERTIFICATE OF AUTHORIZATION NO. 4204
1655 27TH STREET, SUITE 2 VERO BEACH, FLORIDA 32960
PHONE: (772) 567-5300 ~ FAX: (772) 794-1106

NO.	DATE	DESCRIPTION	DR/APP
Δ	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
Δ	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM
REVISIONS			

*Title to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with the project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law.
© 2021, MASTELLER & MOLER, INC.

01/22/2021

EARL H. MASTELLER, P.E. FL#26658



NOTES:

SEWER LATERAL LOCATIONS MAY BE ADJUSTED BASED ON FIELD OBSERVATIONS
PRESSURE MAINS TO BE INSTALLED ABOVE OR BELOW SEWER LATERALS WITH
MINIMUM 12" CLEARANCE.

ALL WORK WITHIN ASPHALT ROADWAYS/DRIVES CONTRACTOR IS TO SAWCUT
EXISTING ASPHALT AS NECESSARY FOR GRAVITY SEWER CONSTRUCTION AND
RESTORE ROADWAY PER DETAILS SHEETS 30-33.

ALL DISTURBED STRIPING AND SIGNAGE TO BE REPLACED. STRIPING
TO BE THERMOPLASTIC CONFORMING TO F.D.O.T. STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION.

FOR BIDDING PURPOSES ONLY

ADDENDUM NO. 4

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM

REVISIONS

M MASTELLER & MOLER, INC.
CONSULTING ENGINEERS

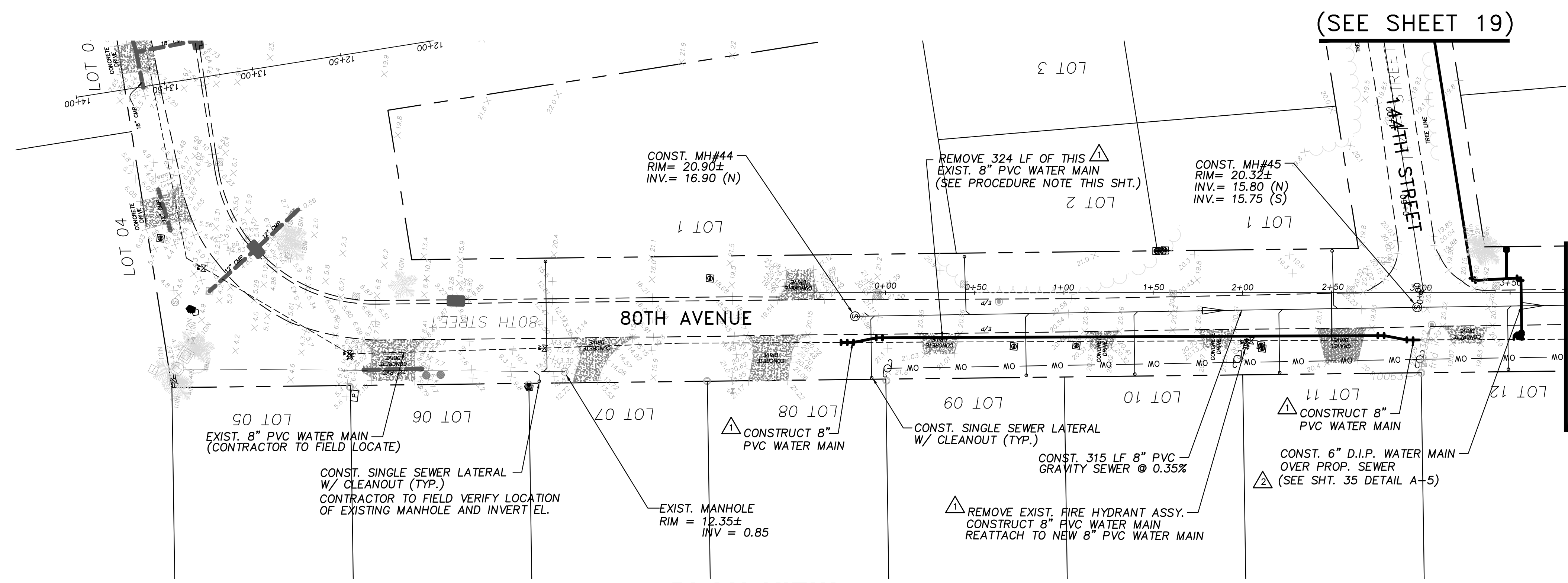
1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960
(772) 567-5300 / FAX (772) 794-1106
CERTIFICATE OF AUTHORIZATION NUMBER 4204

INDIAN RIVER COUNTY
NORTH COUNTY WATER & SEWER SYSTEM
PHASE 2
144TH STREET & 78TH AVENUE PLAN

"File to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with this project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without the consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law."
©2021, MASTELLER & MOLER, INC.

DRAWN	SCG
DESIGNED	EHM
CHECKED	EHM
DATE	10/22/2018
SCALE	AS SHOWN
SHEET	19 OF 37
DWG NO	1422

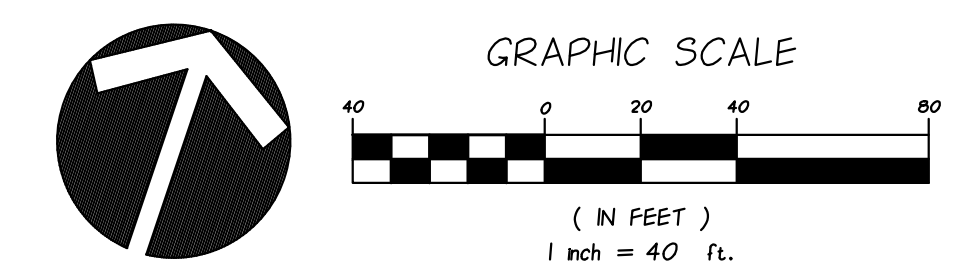
01/22/2021
EARL H. MASTELLER, P.E. FL#26658



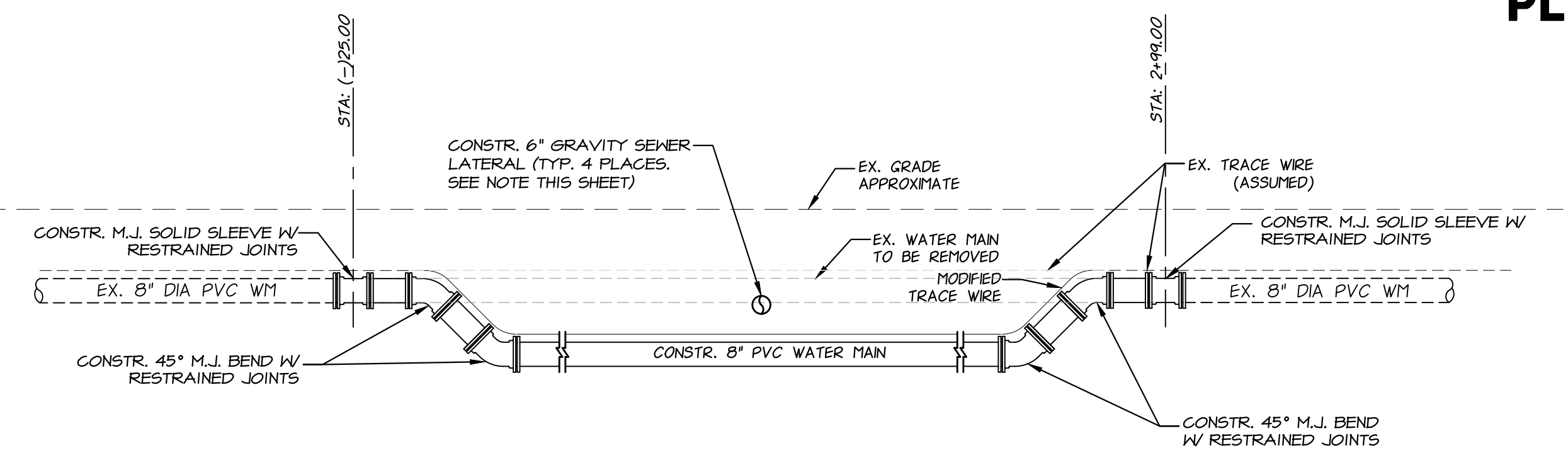
PLAN VIEW
SCALE: 1"=40'

(SEE SHEET 19)

(SEE SHEET 20)



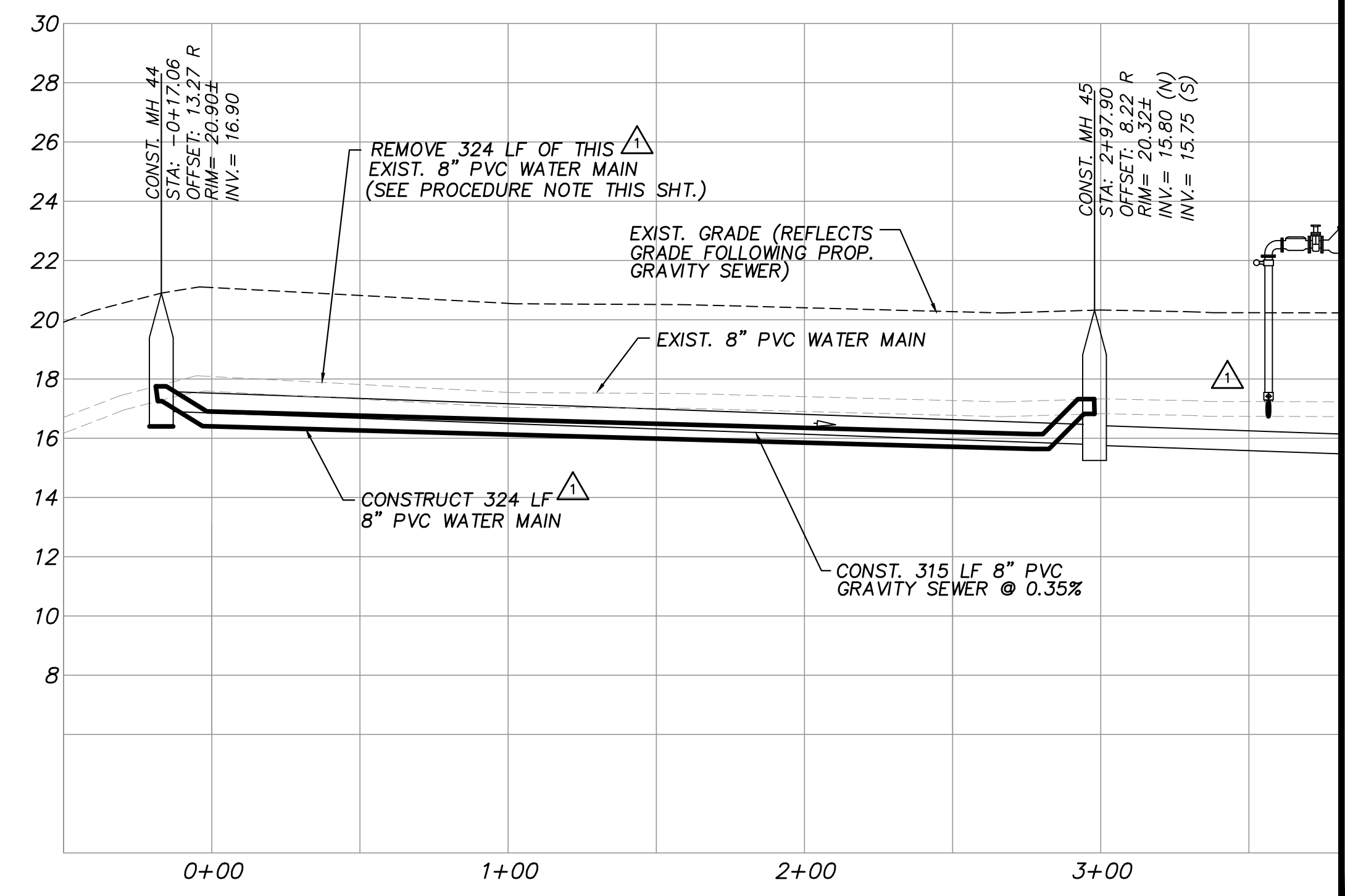
NOTES:
SEWER LATERAL LOCATIONS MAY BE ADJUSTED BASED ON FIELD OBSERVATIONS. PRESSURE MAINS TO BE INSTALLED ABOVE OR BELOW SEWER LATERALS WITH MINIMUM 12" CLEARANCE.
ALL WORK WITHIN ASPHALT ROADWAYS/DRIVES CONTRACTOR IS TO SAWCUT EXISTING ASPHALT AS NECESSARY FOR GRAVITY SEWER CONSTRUCTION AND RESTORE ROADWAY PER DETAILS SHEETS 30-33.
ALL DISTURBED STRIPING AND SIGNAGE TO BE REPLACED. STRIPING TO BE THERMOPLASTIC CONFORMING TO F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



WATERMAIN ADJUSTMENT DETAIL
SCALE: N.T.S.

WATER MAIN ADJUSTMENT PROCEDURE:

- THE CONTRACTOR SHALL NOTIFY THE COUNTY UTILITY DEPARTMENT 48 HOURS IN ADVANCE OF EACH WATER MAIN ADJUSTMENT.
- THE CONTRACTOR SHALL COORDINATE WITH I.R.C. UTILITIES TO ISSUE A BOIL WATER NOTICE TO AFFECTED CUSTOMERS 72 HOURS IN ADVANCE OF TEMPORARY WATER SERVICE INTERRUPTION BY USE OF PUBLIC NOTICE DOOR TAGS.
- THE CONTRACTOR SHALL ISSUE A BOIL WATER NOTICE IN MANNER ACCEPTABLE TO INDIAN RIVER COUNTY AND IN CONFORMANCE WITH APPLICABLE F.D.E.P. / D.O.H.S. REGULATIONS TO THE HOMES WHICH ARE DIRECTLY CONNECTED TO THE SECTION OF THE MAIN THAT IS DEPRESSURIZED DURING THE ADJUSTMENT CONSTRUCTION.
- IN THE EVENT A MAIN WITH FIRE HYDRANT(S) WILL BE DE-PRESSURIZED FOR MORE THAN 24 HOURS, THE CONTRACTOR SHALL BAG THE FIRE HYDRANTS IF DIRECTED BY I.R.C. UTILITIES.
- THE CONTRACTOR SHALL CONTACT SUNSHINE UNDERGROUND TO REQUEST LOCATES PRIOR TO ANY EXCAVATION.
- CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION SHOWN OR NOT SHOWN ON PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL COORDINATE WITH INDIAN RIVER COUNTY UTILITIES DEPARTMENT TO LOCATE AND OPERATE EXISTING GATE VALVES AND CURB / CORPORATION STOPS INTO A SHUT POSITION TO ISOLATE UTILITY ADJUSTMENT SITE. VALVES SHALL ONLY BE OPERATED BY INDIAN RIVER COUNTY UTILITIES PERSONNEL.
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH INDIAN RIVER COUNTY UTILITY DEPARTMENT LATEST STANDARD DETAILS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE DEWATERING FOR REMOVAL OF EXCESS GROUNDWATER AND/OR POTABLE WATER TO ALLOW WORK TO BE COMPLETED UNDER DRY CONDITIONS.
- CONTRACTOR IS TO PLACE ONE 20 LF LENGTH OF PIPE CENTERED AT THE PROPOSED SEWER CROSSING.
- CONTRACTOR TO USE FITTINGS AS REQUIRED TO CLEAR EXISTING AND PROPOSED CONFLICT TO CREATE REQUIRED MIN VERTICAL CLEARANCE.
- THE WATER MAIN ADJUSTMENT ASSEMBLY SHALL BE PRESSURE TESTED AND CHLORINATED, PRIOR TO INSTALLATION.
- CONTRACTOR SHALL ENSURE JOINTS ARE RESTRAINED PRIOR TO CUTTING THE MAIN. ONCE THE EXISTING MAIN HAS BEEN CUT & REMOVED, THE CONTRACTOR SHALL IMMEDIATELY INSTALL THE WATER MAIN ADJUSTMENT W/ RESTRAINED JOINTS. THE CONTRACTOR IS TO HAVE INDIAN RIVER COUNTY UTILITIES OPERATIONS PERSONNEL OPEN THE CLOSED VALVES TO REFILL THE ISOLATED WATER MAIN W/ POTABLE WATER.
- THE CONTRACTOR WILL BE REQUIRED TO PRESSURE TEST ALL NEW AND EXISTING PIPING IN THE DEPRESSURIZED AREA. THE CONTRACTOR SHALL COORDINATE WITH INDIAN RIVER COUNTY UTILITIES DEPARTMENT TO HAVE THE COUNTY CLOSE ALL CURB STOPS AND/OR CORPORATION STOPS IN THE DEPRESSURIZED AREA TO INSURE THE HIGH PRESSURE REQUIRED FOR TESTING DOES NOT PASS THE METER ASSEMBLY AND INTO THE CUSTOMERS HOMES. ONCE A SUCCESSFUL PRESSURE TEST AND DISINFECTION IS COMPLETED, THE CONTRACTOR SHALL HAVE INDIAN RIVER COUNTY UTILITIES DEPARTMENT RE-ESTABLISH SERVICE TO ALL AFFECTED CUSTOMERS. VALVES, CURB STOPS AND/OR CORPORATION STOPS SHALL ONLY BE OPERATED BY INDIAN RIVER COUNTY UTILITIES PERSONNEL.
- THE CONTRACTOR SHALL DISINFECT THE AFFECTED WATER MAINS FOLLOWING THE REQUIREMENTS SET FORTH BY THE F.D.E.P. (SEE SHEET 2 "62-555.340 DISINFECTION AND BACTERIOLOGICAL EVALUATION OF PUBLIC WATER SYSTEM COMPONENTS") THE BOIL WATER NOTICE SHALL NOT BE TERMINATED UNTIL SUCH TIME THAT BACTERIOLOGICAL TESTING HAS BEEN SUCCESSFULLY COMPLETED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING ALL NECESSARY MATERIALS ARE AT EACH WATER MAIN ADJUSTMENT PRIOR TO SHUTTING DOWN AND CUTTING EXISTING WATER MAIN. ALL WORK SHALL BE DONE IN A TIMELY MANNER IN ORDER TO MINIMIZE DOWN TIME.
- THE CONTRACTOR SHALL REMOVE THE SECTION OF POTABLE WATER TO BE ADJUSTED AND DISPOSE OF THE MATERIALS IN A PROPER MANNER.
- THE CONTRACTOR SHALL RESTORE THE POTABLE WATER MAIN ADJUSTMENT DISTURBED AREAS IN A MANNER ACCEPTABLE TO THE INDIAN RIVER COUNTY PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR'S SURVEYOR SHALL PROVIDE, ON STATE PLANE COORDINATES, AN AS-BUILT SURVEY ILLUSTRATING THE HORIZONTAL AND VERTICAL LOCATION OF ALL FITTINGS IN THE ADJUSTMENT ASSEMBLY. VERTICAL LOCATIONS SHALL BE PROVIDED ON THE SAME DATUM AS THESE PLANS. CLEARANCE/TOP OF PIPE ELEVATION SHALL BE AS SPECIFIED ON THE PLANS. ENGINEER RESERVES THE RIGHT TO HAVE CONTRACTOR EXCAVATE AND CHECK TOP OF PIPE AND ELEVATIONS TO SEE IF THEY CONFORM TO THE AFOREMENTIONED REQUIREMENTS, AT NO COST TO THE OWNER.



PROFILE VIEW
HORIZ. SCALE: 1"=40'
VERT. SCALE: 1"=4'

(SEE SHEET 20)

EXISTING UTILITY LOCATION NOTES
THE LOCATION OF THE HORIZONTAL ALIGNMENT OF THE EXISTING POTABLE WATER MAIN ALONG OLD DIXIE HWY IS SHOWN ON THESE PLANS BASED ON FIELD SURVEYS OF VALVES, HYDRANTS, MARKERS, AND INFORMATION PROVIDED BY THE INDIAN RIVER COUNTY UTILITY DEPARTMENT. THE DEPTH OF THE WATER MAIN IS UNKNOWN BUT IS CUSTOMARILY CONSTRUCTED WITH 36" TO 42" OF COVER AS A GUIDELINE.

FOR BIDDING PURPOSES ONLY

APPENDUM NO. 4

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM

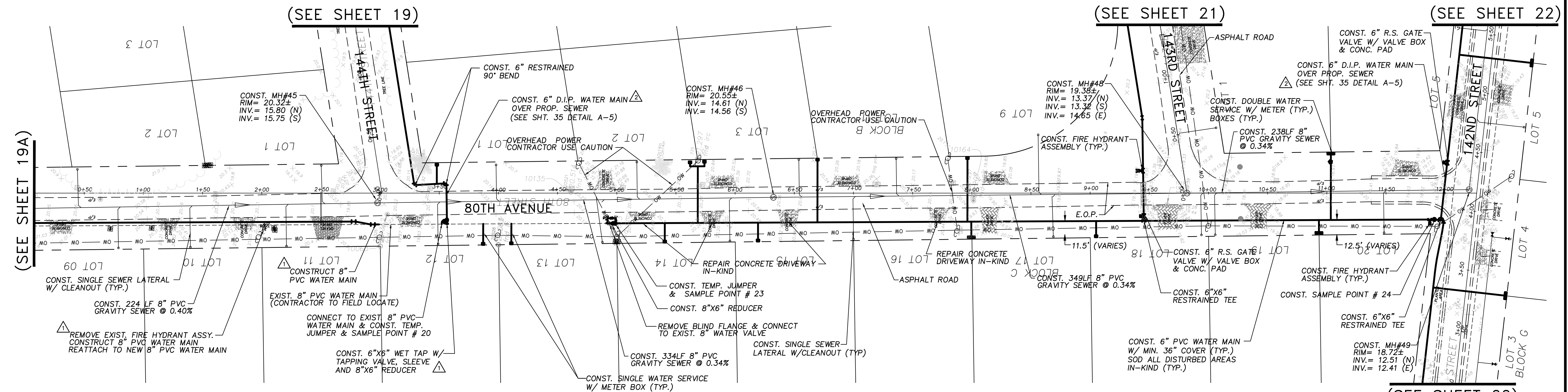
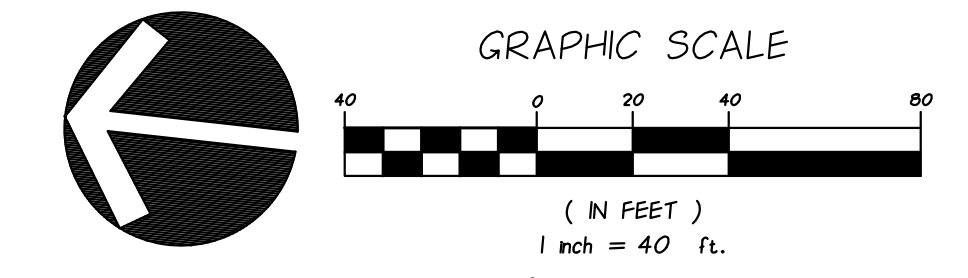
M M MASTELLER & MOLER, INC.
CONSULTING ENGINEERS
1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960
(772) 567-5300 / FAX (772) 794-1106
CERTIFICATE OF AUTHORIZATION NUMBER 4204

**INDIAN RIVER COUNTY
NORTH COUNTY WATER & SEWER SYSTEM
PHASE 2
80TH AVE PLAN & PROFILES**

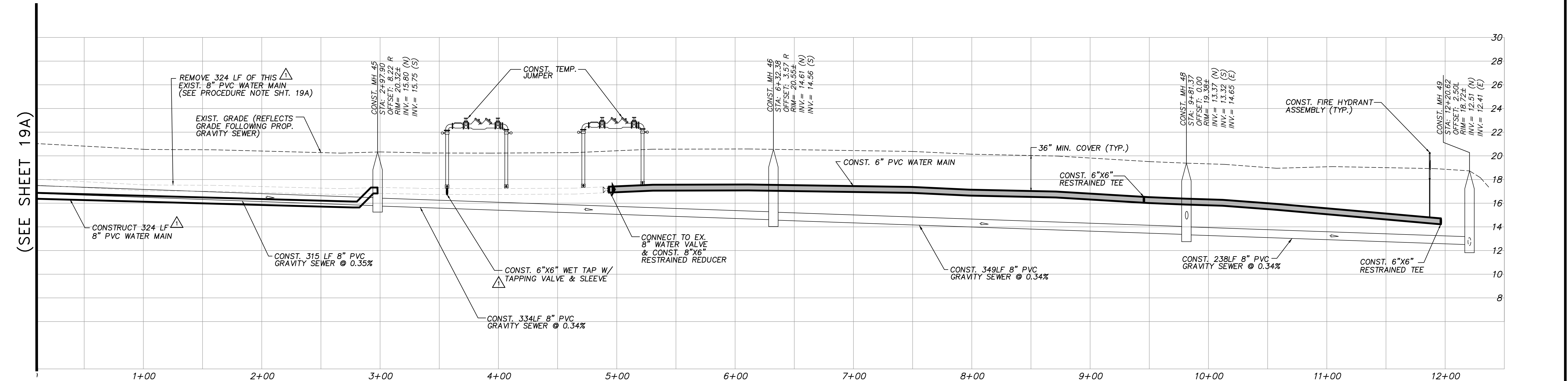
"Title to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with the project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law."
©2021, MASTELLER & MOLER, INC.

DRAWN	SCG
DESIGNED	EHM
CHECKED	EHM
DATE	10/22/2018
SCALE	AS SHOWN
SHEET	19A of 37
DWG NO	1422

01/22/2021
EARL H. MASTELLER, P.E. FL#26658



PLAN VIEW
 SCALE: 1"=40'



PROFILE VIEW
 HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=4'

NOTES:
 SEWER LATERAL LOCATIONS MAY BE ADJUSTED BASED ON FIELD OBSERVATIONS
 PRESSURE MAINS TO BE INSTALLED ABOVE OR BELOW SEWER LATERALS WITH
 MINIMUM 12" CLEARANCE.
 ALL WORK WITHIN ASPHALT ROADWAYS/DRIVES CONTRACTOR IS TO SAWCUT
 EXISTING ASPHALT AS NECESSARY FOR GRAVITY SEWER CONSTRUCTION AND
 RESTORE ROADWAY PER DETAILS SHEETS 30-33.
 ALL DISTURBED STRIPING AND SIGNAGE TO BE REPLACED. STRIPING
 TO BE THERMOPLASTIC CONFORMING TO F.D.O.T. STANDARD SPECIFICATIONS
 FOR ROAD AND BRIDGE CONSTRUCTION.

FOR BIDDING PURPOSES ONLY
 ADDENDUM NO. 4

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM

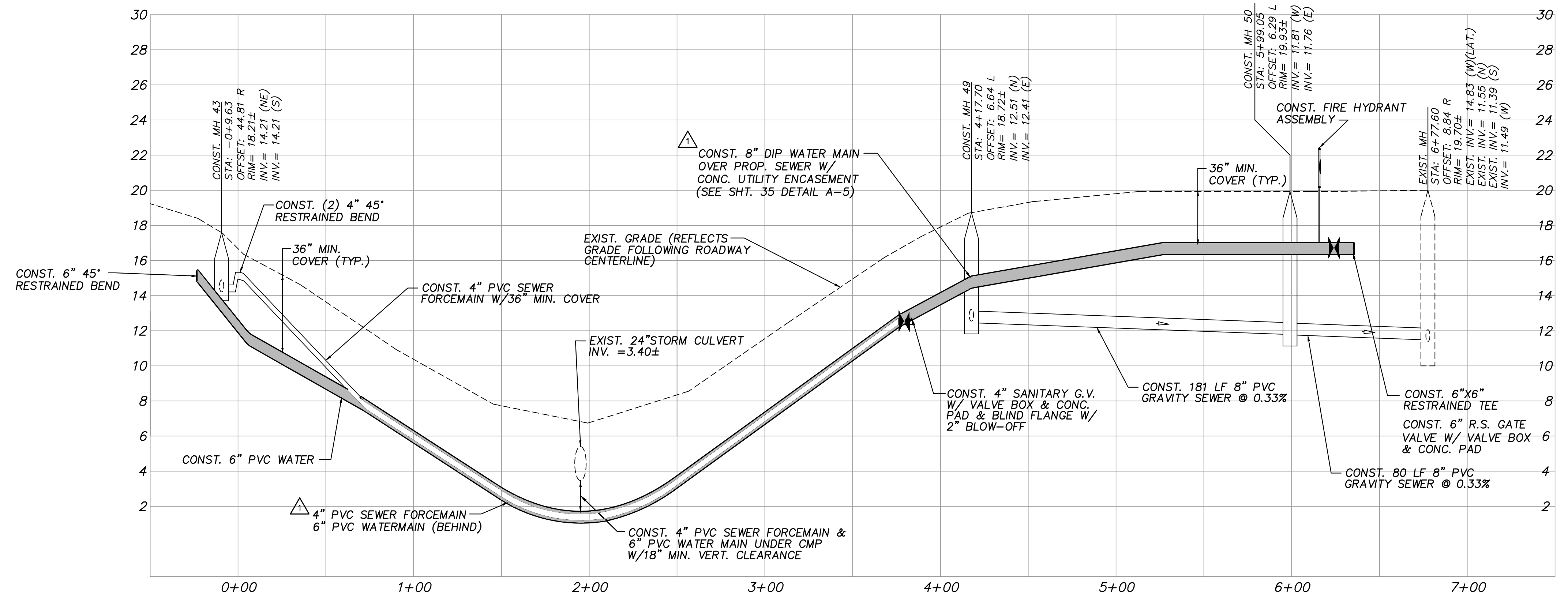
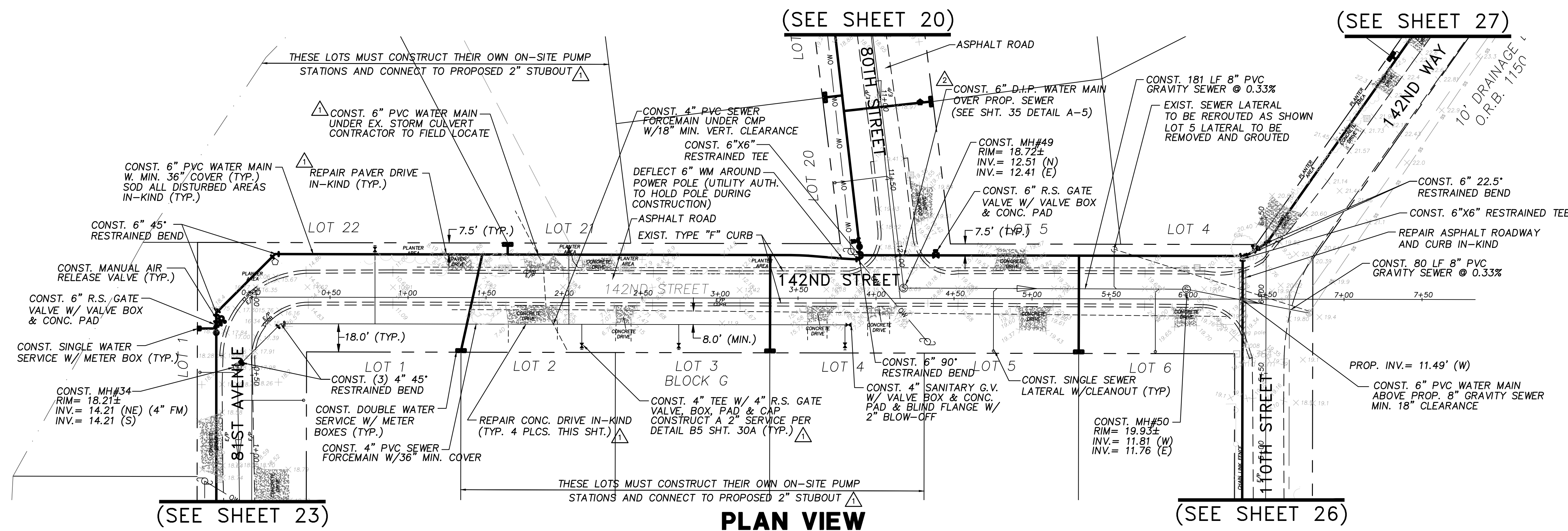
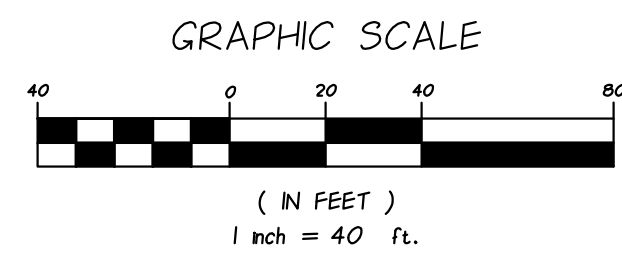
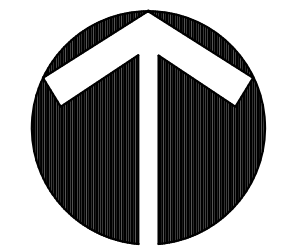
M MASTELLER & MOLER, INC.
 CONSULTING ENGINEERS
 1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960
 (772) 567-5300 / FAX (772) 794-1106
 CERTIFICATE OF AUTHORIZATION NUMBER 4204

INDIAN RIVER COUNTY
 NORTH COUNTY WATER & SEWER SYSTEM
 PHASE 2
80TH STREET PLAN AND PROFILES

"File to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with this project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law."
 ©2021, MASTELLER & MOLER, INC.

DESIGNED	SCG
CHECKED	EHM
DATE	10/22/2018
SCALE	AS SHOWN
SHEET	20 of 37
DWG NO.	1422

01/22/2021
 EARL H. MASTELLER, P.E. FL#26658



NOTES:

- MANHOLE 34 TO BE LINED (SEE SHEET 30A)
- SEWER LATERAL LOCATIONS MAY BE ADJUSTED BASED ON FIELD OBSERVATIONS. PRESSURE MAINS TO BE INSTALLED ABOVE OR BELOW SEWER LATERALS WITH MINIMUM 12" CLEARANCE.
- ALL WORK WITHIN ASPHALT ROADWAYS/DRIVES CONTRACTOR IS TO SAWCUT EXISTING ASPHALT AS NECESSARY FOR GRAVITY SEWER CONSTRUCTION AND RESTORE ROADWAY PER DETAILS SHEETS 30-33.
- ALL DISTURBED STRIPING AND SIGNAGE TO BE REPLACED. STRIPING TO BE THERMOPLASTIC CONFORMING TO F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FOR BIDDING PURPOSES ONLY

ADDENDUM NO. 4

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM

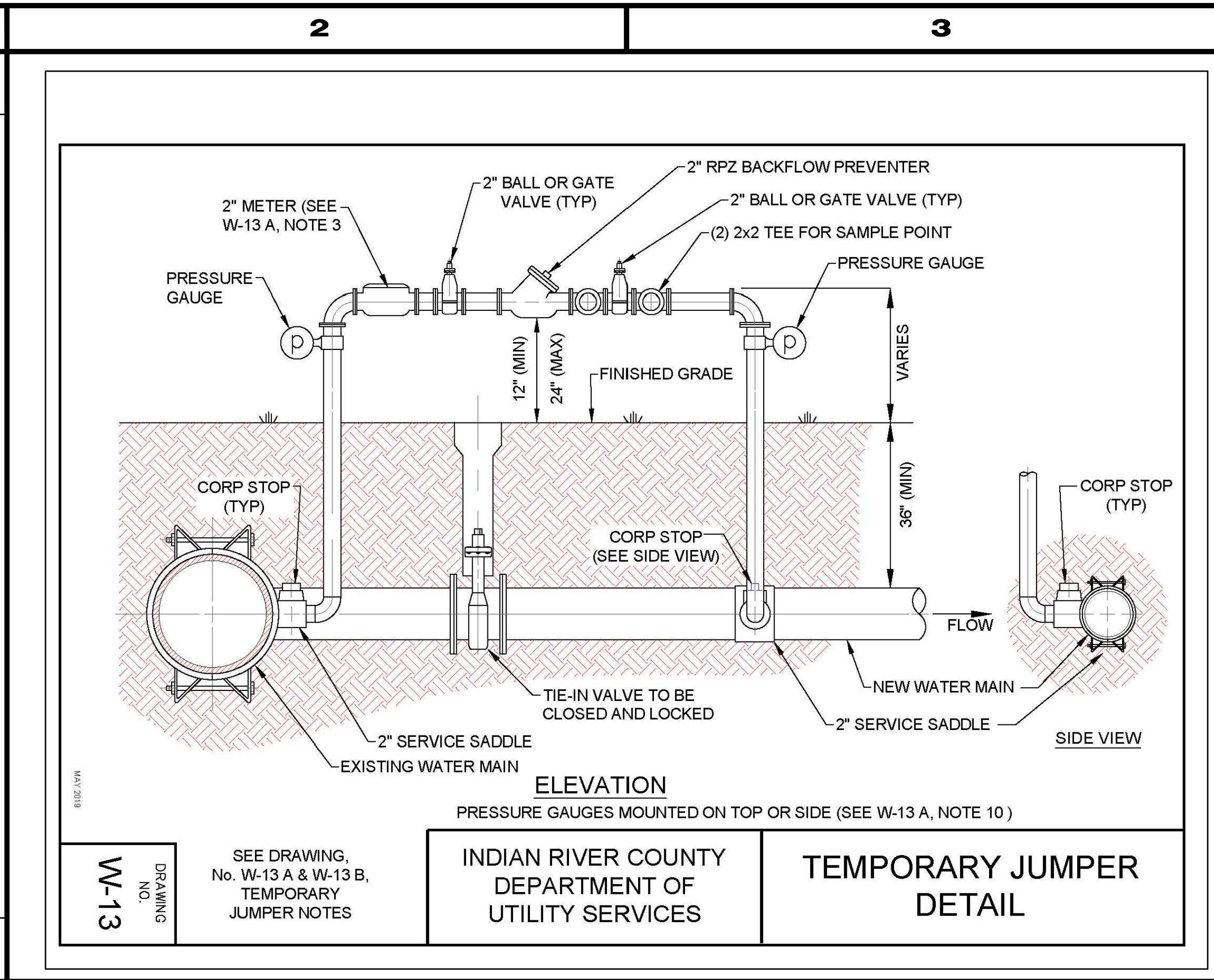
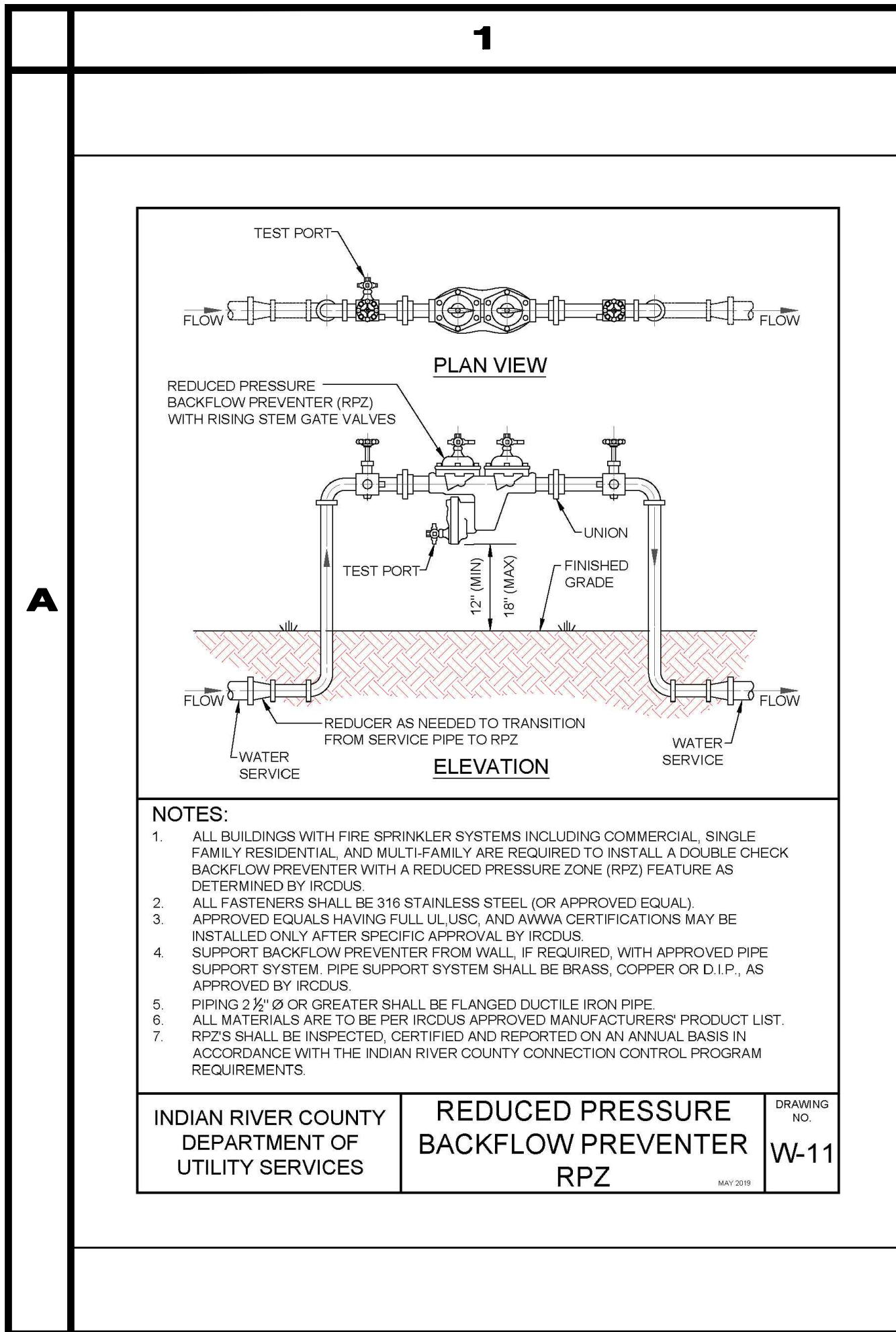
M MASTELLER & MOLER, INC.
CONSULTING ENGINEERS
1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960
(772) 567-5300 / FAX (772) 794-1106
CERTIFICATE OF AUTHORIZATION NUMBER 4204

INDIAN RIVER COUNTY
NORTH COUNTY WATER & SEWER SYSTEM
PHASE 2
142ND STREET PLAN AND PROFILES

"File to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with this project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law."
©2021, MASTELLER & MOLER, INC.

DRAWN	SCG
DESIGNED	EHM
CHECKED	EHM
DATE	10/22/2018
SCALE	AS SHOWN
SHEET	22 OF 37
DWG NO.	1422

01/22/2021
EARL H. MASTELLER, P.E. FL#26658



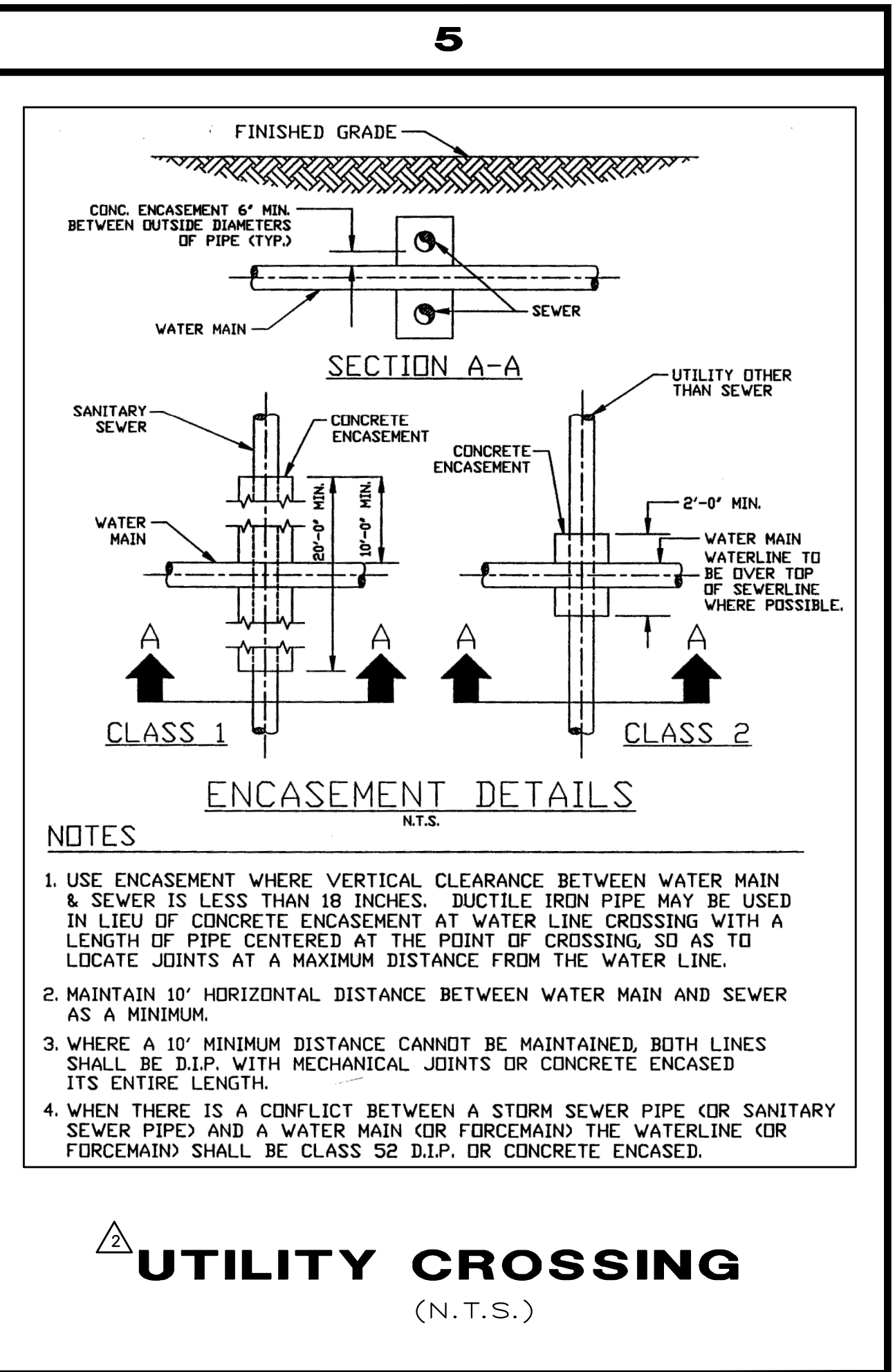
3

4

TEMPORARY JUMPER DETAIL NOTES

- A TEMPORARY JUMPER CONNECTION IS TO BE USED FOR FILLING ANY NEW WATER MAIN OF ANY SIZE FROM THE EXISTING ACTIVE WATER MAINS AND FOR THE FLUSHING OF NEW MAINS UP TO 6" DIAMETER (2.5 FPS MINIMUM VELOCITY) AND FOR PULLING BACTERIOLOGICAL SAMPLES FROM ANY NEW WATER MAIN OF ANY SIZE.
- THE TIE-IN VALVE SHALL BE OPERATED BY IRCUDS PERSONNEL ONLY AND IN THE PRESENCE OF THE ENGINEER OF RECORD.
- IRCUDS SHALL PROVIDE METER FOR SERVICE AFTER APPLICATION, DEPOSIT AND ALL FEES HAVE BEEN PAID.
- A 2" TEMPORARY JUMPER TO BE USED UNLESS OTHERWISE DIRECTED BY IRCUDS.
- ALL INSTALLATION AND MAINTENANCE OF THE TEMPORARY JUMPER CONNECTION AND ASSOCIATED BACKFLOW PREVENTION DEVICE, FITTINGS, VALVES, ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL MATERIALS TO BE PER IRCUDS APPROVED MANUFACTURERS' PRODUCT LIST.
- PIPE AND FITTINGS USED FOR CONNECTING THE NEW PIPE TO THE EXISTING PIPE SHALL BE DISINFECTED WITH LIQUID CHLORINE (SODIUM HYPOCHLORITE) PRIOR TO INSTALLATION IN ACCORDANCE WITH AWWA C651, LATEST EDITION. THE TAPPING SLEEVE AND EXTERIOR OF THE MAIN TO BE TAPPED SHALL BE DISINFECTED BY SPRAYING OR SWABING PER AWWA C651 SECTION TWO. THE USE OF CHLORINE TABLETS IS STRICTLY PROHIBITED.
- THE JUMPER CONNECTION SHALL ALSO BE USED TO MAINTAIN A MINIMUM PRESSURE OF 20 PSI IN THE NEW MAINS CONTINUOUSLY AFTER DISINFECTION AND UNTIL FDEP CLEARANCE LETTER IS OBTAINED.
- PRESSURE GAUGES ARE REQUIRED ON EACH SIDE OF THE 2" GATE OR BALL VALVE.
- THE CONTRACTOR SHALL PROVIDE DOCUMENTATION DEMONSTRATING THAT THE REDUCED PRESSURE ZONE BACKFLOW PREVENTER (RPZ) IS IN GOOD WORKING ORDER AT THE TIME OF INSTALLATION, AND PROVIDE DOCUMENTATION THAT THE RPZ HAS BEEN TESTED BY A QUALIFIED BACKFLOW TECHNICIAN AS APPROVED BY IRCUDS. THE CONTRACTOR SHALL HAVE EACH RPZ TESTED PRIOR TO USE ON EACH PROJECT.
- EXCEPT AS REQUIRED TO FLUSH LINES GREATER THAN 6" DIAMETER, THE TIE-IN VALVE SHALL REMAIN CLOSED AND SHALL BE LOCKED IN THE CLOSED POSITION BY THE UTILITY COMPANY. THE TIE-IN VALVE SHALL REMAIN LOCKED CLOSED UNTIL THE NEW SYSTEM HAS BEEN CLEARED FOR USE BY THE FDEP.
- THE JUMPER CONNECTION SHALL BE MAINTAINED UNTIL CLEARANCE FOR USE FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND OTHER PERTINENT AGENCIES HAS BEEN RECEIVED.
- UPON RECEIPT OF CLEARANCE FOR USE BY FDEP, THE CONTRACTOR SHALL REMOVE TEMPORARY JUMPER CONNECTION. THE CORPORATION STOPS ARE TO BE CLOSED AND PLUGGED WITH 2" BRASS OR PVC PLUGS.

INDIAN RIVER COUNTY DEPARTMENT OF UTILITY SERVICES	TEMPORARY JUMPER DETAIL NOTES	DRAWING NO. W-13 A
--	----------------------------------	-----------------------------



B

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM

REVISIONS

INDIAN RIVER COUNTY
NORTH COUNTY WATER & SEWER SYSTEM
PHASE 2
POTABLE WATER DETAILS

FOR BIDDING PURPOSES ONLY
ADDENDUM NO. 4

DRAWN	SCG
DESIGNED	EHM
CHECKED	EHM
DATE	10/22/2018
SCALE	AS SHOWN
SHEET	35 OF 37
DWG NO.	1422

01/22/2021
EARL H. MASTELLER, P.E. FL#26658

NO.	DATE	DESCRIPTION	DR/APP
1	01/22/21	REVISED PER ADDENDUM NO. 4 COMMENTS	JRM/EHM
2	01/15/21	REVISED PER ADDENDUM NO. 3 COMMENTS	JRM/EHM

M M MASTELLER & MOLER, INC.
CONSULTING ENGINEERS
1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960
(772) 567-5300 / FAX (772) 794-1106
CERTIFICATE OF AUTHORIZATION NUMBER 4204

INDIAN RIVER COUNTY
NORTH COUNTY WATER & SEWER SYSTEM
PHASE 2
POTABLE WATER DETAILS

"Title to all documents which bear the copyright of Masteller & Moler, Inc. is vested solely in Masteller & Moler, Inc. These documents are provided to the owner solely in connection with the project. Any other use or reuse of these documents or any reproduction, display, sale, or other disposition of these documents by anyone is expressly prohibited without consent of Masteller & Moler, Inc. pursuant to the Federal Copyright Law."
©2021, MASTELLER & MOLER, INC.