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[Save Date: 4/12/2025, 11:33:33 AM] [Saved By: Nathan Mullins] [Plot Date: 4/12/2025, 11:33:33 AM] [Print Date: 4/12/2025, 11:33:33 AM] [Drawing Path: P:\Projects\AMUC-017-002-01\DWG\A-MUC-017-002-01-003PL.dwg] [Drawing Size: 24x36] [Created By: Nathan Mullins] [Original Size: 24x36]



- CLEARING NOTES
1. REFERENCE COLLIER COUNTY LAND DEVELOPMENT CODE FOR NATIVE VEGETATION REQUIREMENTS.
 2. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE APPLICANT SHALL INSTALL TEMPORARY CONSTRUCTION FENCING (ENVIROFENCE) BEYOND THE DRIPLINES OF RETAINED VEGETATION ALONG THE LIMITS OF CLEARING. THIS FENCE SHALL REMAIN ERECTED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
 3. CONTRACTOR SHALL EMPLOY METHODS IN ACCORDANCE WITH "BEST MANAGEMENT PRACTICES" AND REFERENCE SLOPE DISCHARGE CONTROL PLAN AND DETAILS TO PREVENT EROSION.
 4. ALL PROHIBITED EXOTIC VEGETATION (CATEGORY I AND II EXOTICS AS DEFINED BY THE FLORIDA EXOTIC PEST PLANT COUNCIL (FEPPC)) SHALL BE REMOVED FROM THE SITE AND ALL NATIVE PRESERVATION AREAS SHALL BE MAINTAINED FREE OF PROHIBITED EXOTICS IN PERPETUITY (UDC 3-05.00).
 5. WHERE HEAVY CONSTRUCTION ACTIVITIES ARE ADJACENT TO EXISTING NATIVE VEGETATION TO BE RETAINED, THE LIMITS OF CLEARING WILL BE CLEARLY MARKED AND BARRICADED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL COMPLETION OF CONSTRUCTION.
 6. STANDARD STRUCTURAL BUFFERS WILL BE PLACED ADJACENT TO ALL REMAINING CONSERVATION AREAS WHERE A 15' WIDE VEGETATED BUFFER BETWEEN THE WETLAND JURISDICTION LINE AND ADJACENT DEVELOPMENT CANNOT BE MAINTAINED. THE "STANDARD STRUCTURAL BUFFER" WILL BE A HEDGE OF NATIVE VEGETATION, A FENCE, A SMALL WALL, OR BULKHEAD OR A COMBINATION OF THESE. A HEDGE OF NATIVE VEGETATION (SHRUBS) WILL TYPICALLY BE UTILIZED. IF A FENCE OR WALL IS USED, IT WILL BE CONSTRUCTED ALONG THE CONSERVATION AREA BOUNDARY BUT WILL NOT INTRUDE INTO THE CONSERVATION AREA. IF A HEDGE IS USED, PLANTS WILL BE INSTALLED IN A ZONE BEGINNING AT THE CONSERVATION AREA BOUNDARY AND EXTENDING INTO THE CONSERVATION AREA NOT MORE THAN 3 FEET.
 7. FACILITIES SHOWN AS "EXISTING" IN THESE PLANS INCLUDE PORTIONS OF THE MAPLE RIDGE PHASE 8 DEVELOPMENT THAT ARE BEING DESIGNED AND PERMITTED CONCURRENTLY WITH THIS PROJECT.

LEGEND

xx FLUCCS CODE / LIMIT

SFWMD JURISDICTIONAL WETLANDS

FLUCCS TABLE		
FLUCCS CODE	DESCRIPTION	AREA (AC)
224	ABANDONED GROVES	0.90
513	DITCHES	0.15
814	ROADS AND HIGHWAYS	1.15
TOTAL		2.2

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ENVIRONMENTAL SERVICES

LANDSCAPE ARCHITECTURE
SURVEYING
LAND DEVELOPMENT

2600 Golden Gate Pkwy
Naples, FL 34105

239.403.6700
Pen-Eng.com

PROJECT:

POPE JOHN PAUL II BLVD WATER MAIN EXTENSION

TITLE:

AERIAL, DEMOLITION AND FLUCCS MAP

CLIENT:

AVE MARIA UTILITY COMPANY, LLLP

REVISIONS:

No.	Revision:	Date:

NOTES:

PROFESSIONAL SEALS:

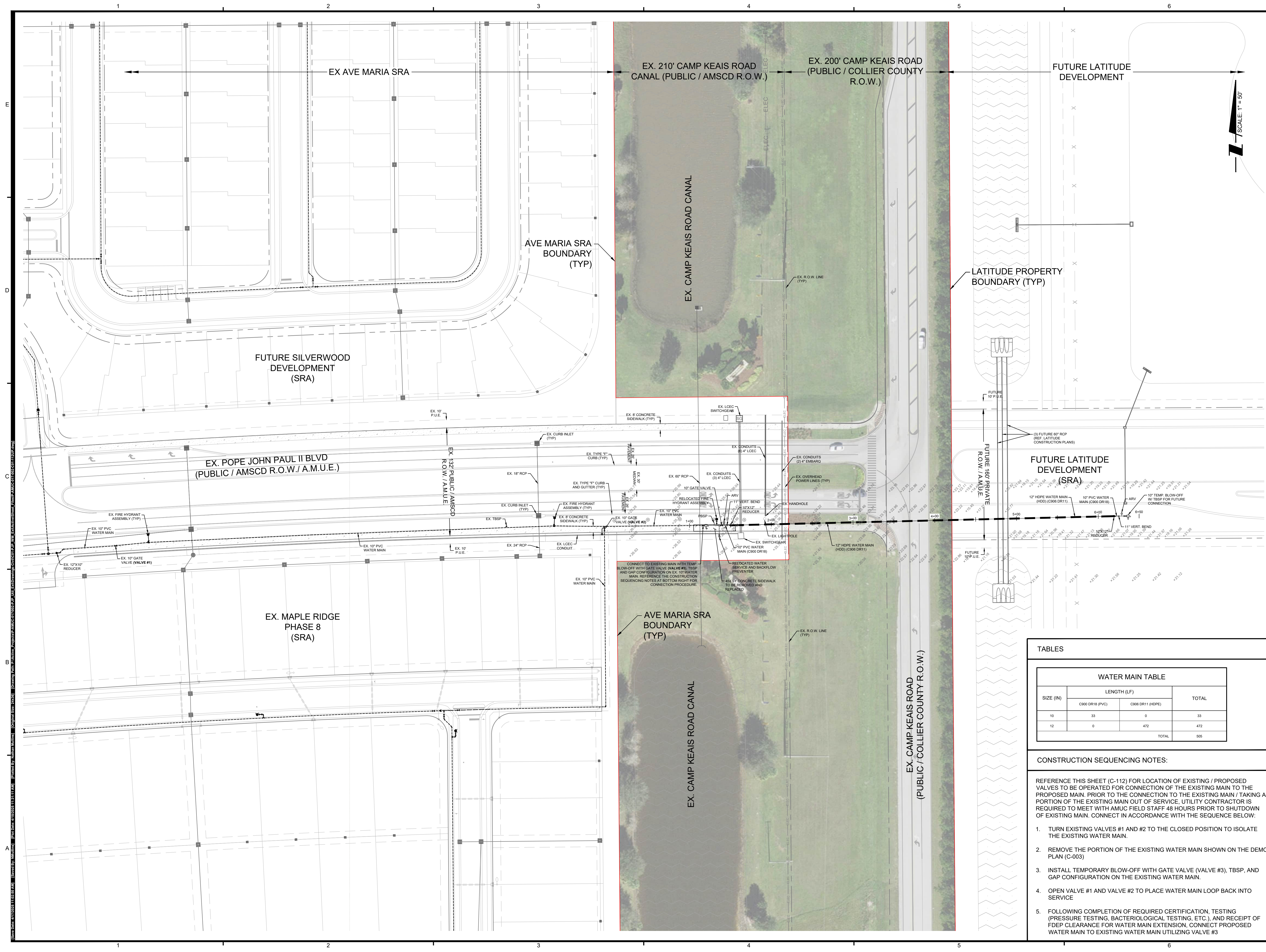
PROFESSIONAL ENGINEER: CONNOR J. JONES, P.E.
FLORIDA LICENSE NUMBER: 99495

Florida Engineering Certificate of Authorization #020775
Florida Landscape Certificate of Authorization #L200009632

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 50'
0 12.5' 25' 50' 100' 150'

SEC. 33, 34 TWP. 47S RGE. 29E
City: AVE MARIA County: COLLIER
Designed by: NATHAN MULLINS
Drawn by: NATHAN MULLINS
Date: MARCH 2025
Horizontal Scale: 1" = 50'
Vertical Scale: N.T.S.
File Name: P-AMUC-017-002-C01-003PL.dwg
Project Number: P-AMUC-017-002-C01
Sheet ID: C-003
Sheet Number: 03 of 08



PROJECT:

POPE JOHN PAUL II BLVD WATER MAIN EXTENSION

TITLE:

MASTER PLAN

CLIENT:

AVE MARIA UTILITY COMPANY, LLLP

REVISIONS:

No.	Revision	Date

NOTES:

TABLES

WATER MAIN TABLE			
SIZE (IN)	LENGTH (LF)		TOTAL
	C900 DR18 (PVC)	C906 DR11 (HDPE)	
10	33	0	33
12	0	472	472
TOTAL			505

CONSTRUCTION SEQUENCING NOTES:

REFERENCE THIS SHEET (C-112) FOR LOCATION OF EXISTING / PROPOSED VALVES TO BE OPERATED FOR CONNECTION OF THE EXISTING MAIN TO THE PROPOSED MAIN. PRIOR TO THE CONNECTION TO THE EXISTING MAIN / TAKING A PORTION OF THE EXISTING MAIN OUT OF SERVICE, UTILITY CONTRACTOR IS REQUIRED TO MEET WITH AMUC FIELD STAFF 48 HOURS PRIOR TO SHUTDOWN OF EXISTING MAIN. CONNECT IN ACCORDANCE WITH THE SEQUENCE BELOW:

- TURN EXISTING VALVES #1 AND #2 TO THE CLOSED POSITION TO ISOLATE THE EXISTING WATER MAIN.
- REMOVE THE PORTION OF THE EXISTING WATER MAIN SHOWN ON THE DEMO PLAN (C-003)
- INSTALL TEMPORARY BLOW-OFF WITH GATE VALVE (VALVE #3), TBSP, AND GAP CONFIGURATION ON THE EXISTING WATER MAIN.
- OPEN VALVE #1 AND VALVE #2 TO PLACE WATER MAIN LOOP BACK INTO SERVICE
- FOLLOWING COMPLETION OF REQUIRED CERTIFICATION, TESTING (PRESSURE TESTING, BACTERIOLOGICAL TESTING, ETC.), AND RECEIPT OF FDEP CLEARANCE FOR WATER MAIN EXTENSION, CONNECT PROPOSED WATER MAIN TO EXISTING WATER MAIN UTILIZING VALVE #3

PROFESSIONAL SEALS:
PROFESSIONAL ENGINEER: CONNOR J. JONES, P.E.
FLORIDA LICENSE NUMBER: 99495

Florida Engineering Certificate of Authorization #020775
Florida Landscape Certificate of Authorization #L200000632

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 50'
0 12.5' 25' 50' 100' 150'

SEC. 33, 34 TWP. 47S RGE. 29E

City: AVE MARIA County: COLLIER

Designed by: NATHAN MULLINS

Drawn by: NATHAN MULLINS

Date: MARCH 2025

Horizontal Scale: 1" = 50'

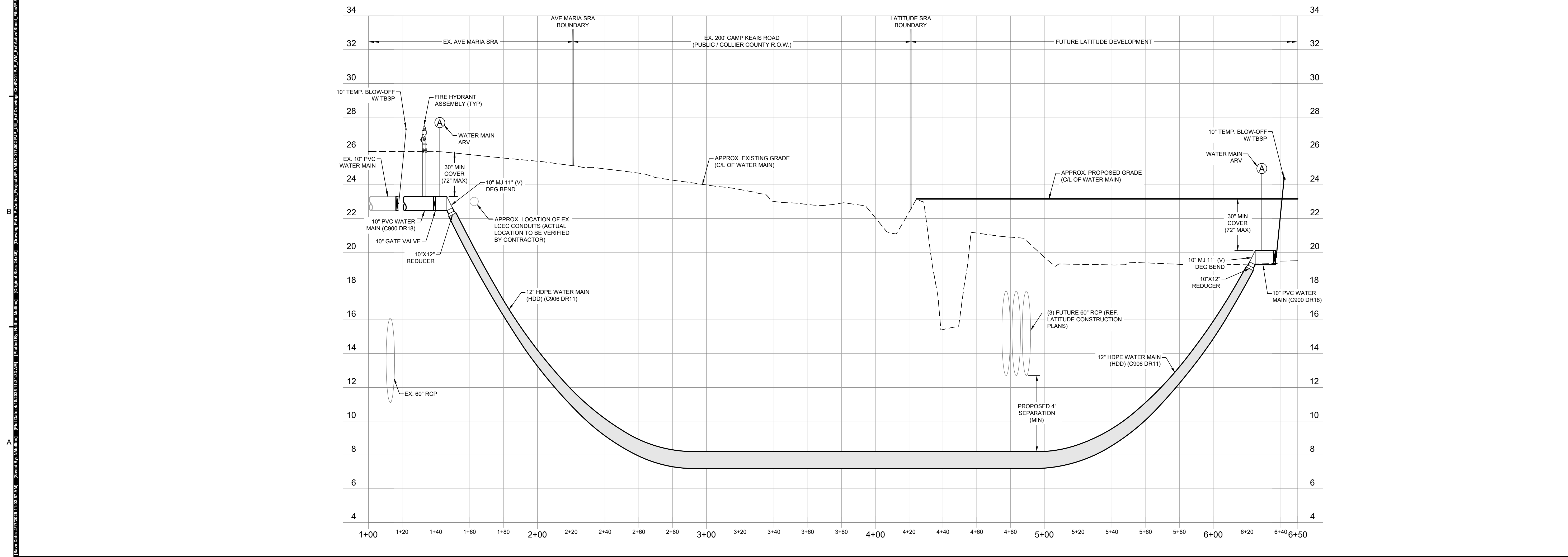
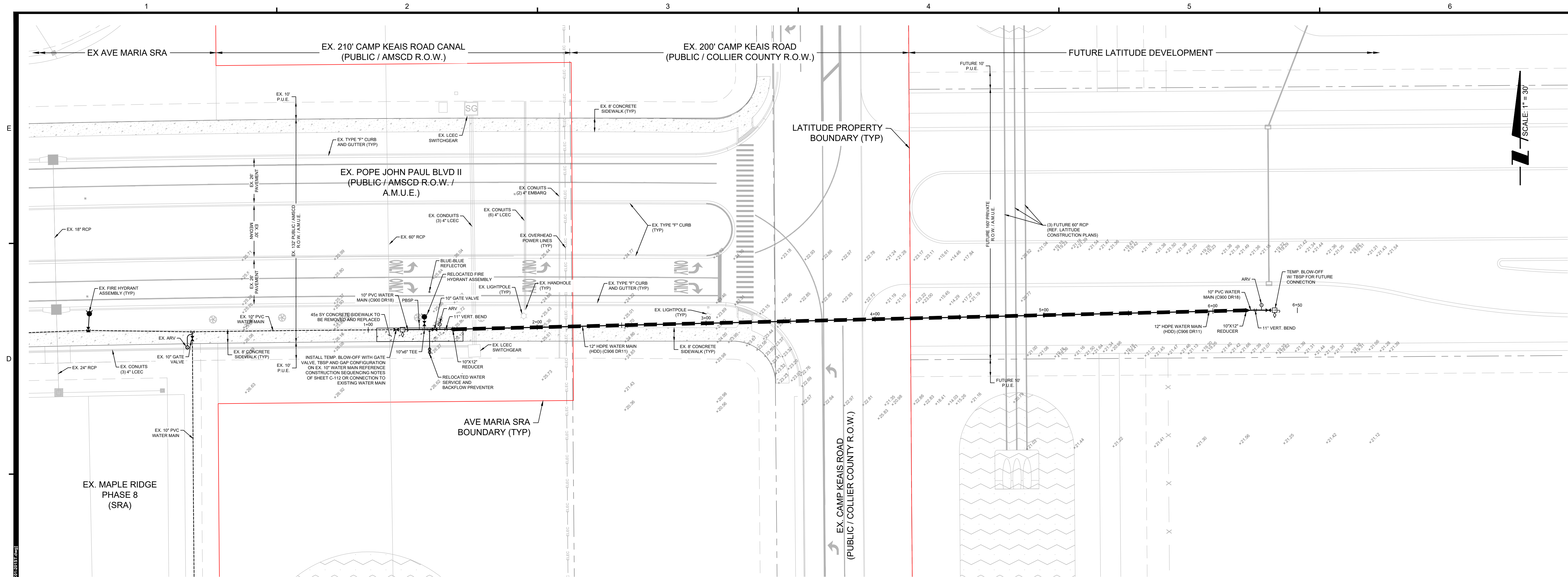
Vertical Scale: N.T.S.

File Name: P-AMUC-017-002-C01-112UP.dwg

Project Number: P-AMUC-017-002-C01

Sheet ID: C-112

Sheet Number: 04 of 08



POPE JOHN PAUL II BLVD WATER MAIN EXTENSION

TITLE:

PLAN AND PROFILE -
WATER MAIN HDD
(STA 1+00 - STA 6+50)

CLIENT:

AVE MARIA UTILITY
COMPANY, LLLP

REVISIONS:		
No.	Revision:	Date:

NOTES:

PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: CONNOR J. JONES, P.E.
FLORIDA LICENSE NUMBER: 99495

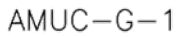
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Florida Landscape Certificate of Authorization #L20000632

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 30'

0 7.5 15 30 60 90

SEC: 33, 34 TWP: 47S RGE: 29E
City: AVE MARIA County: COLLIER
Designed by: NATHAN MULLINS
Drawn by: NATHAN MULLINS
Date: MARCH 2025
Horizontal Scale: 1" = 30'
Vertical Scale: 1" = 3'
File Name: P-AMUC-017-002-C01-201ST.dwg
Project Number: P-AMUC-017-002-C01
Sheet ID: C-201
Sheet Number: 05 of 08



N.T.S.

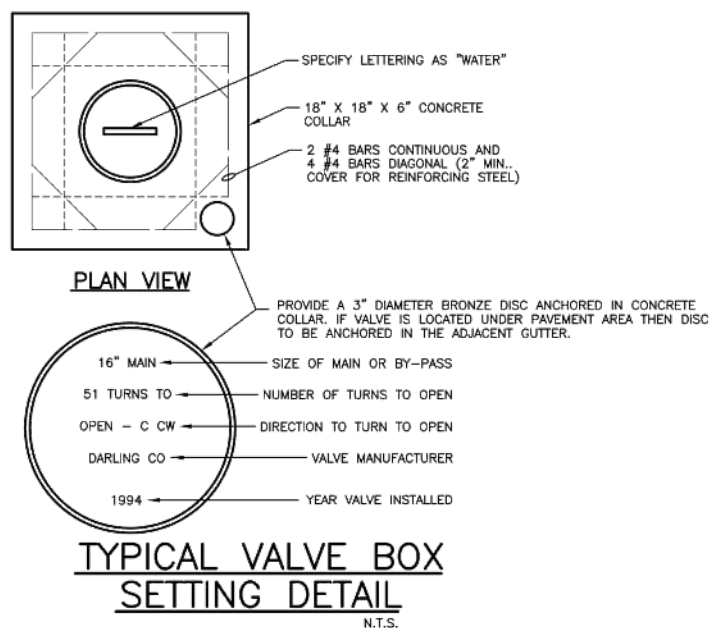
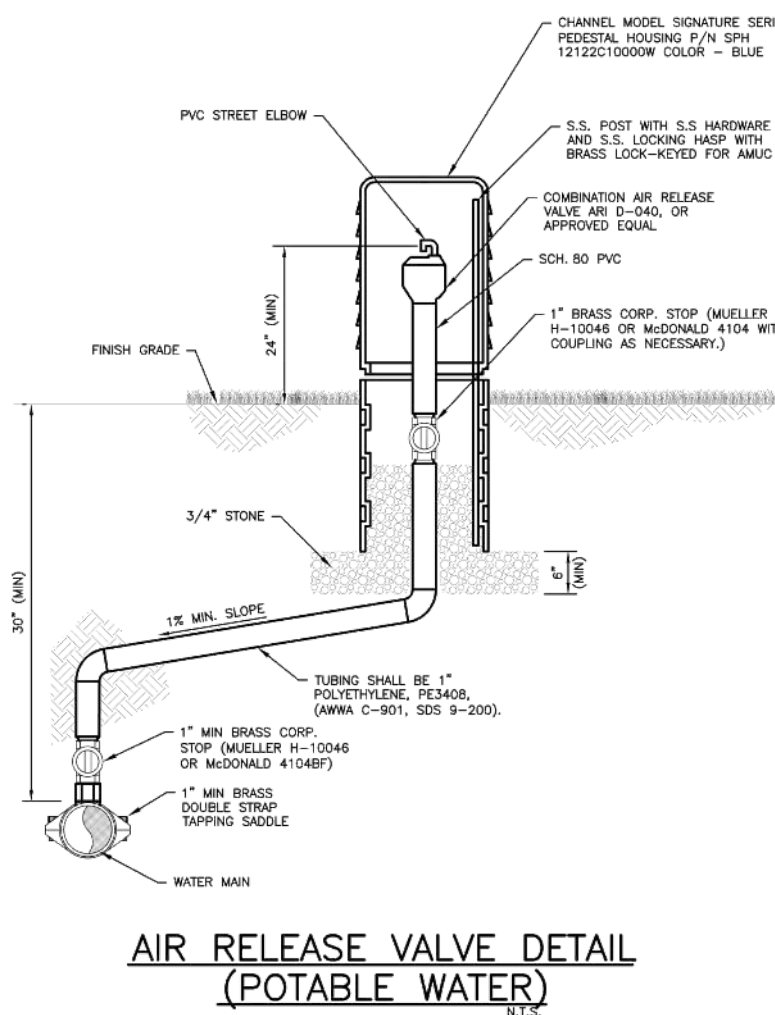
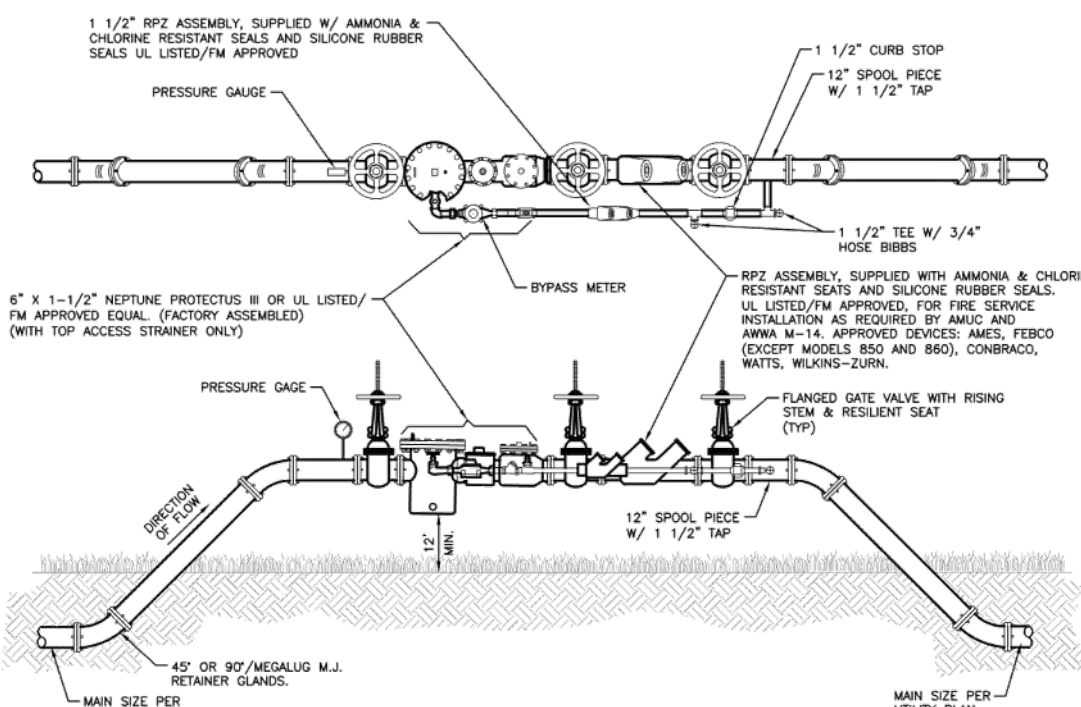
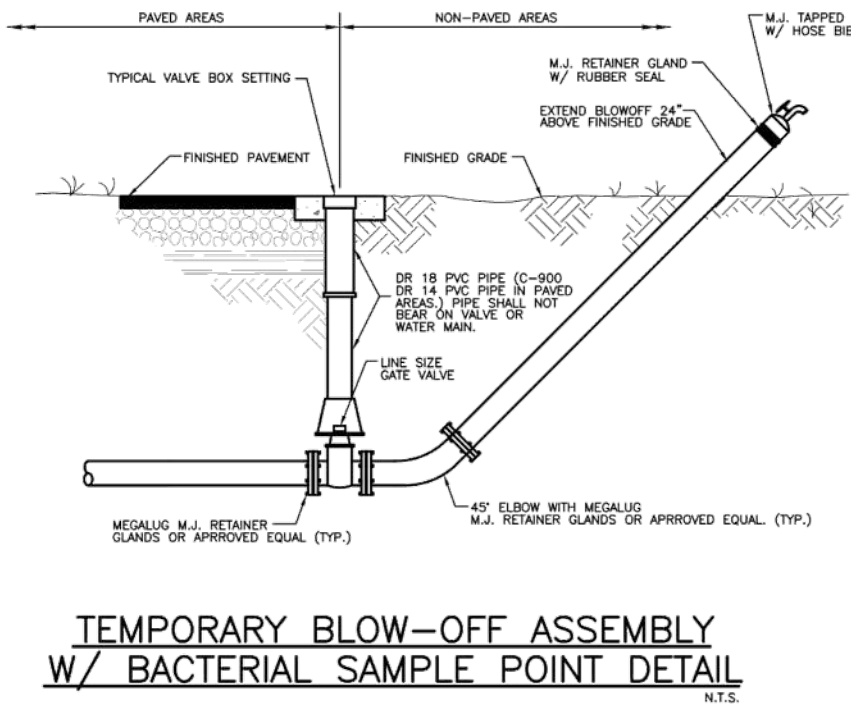
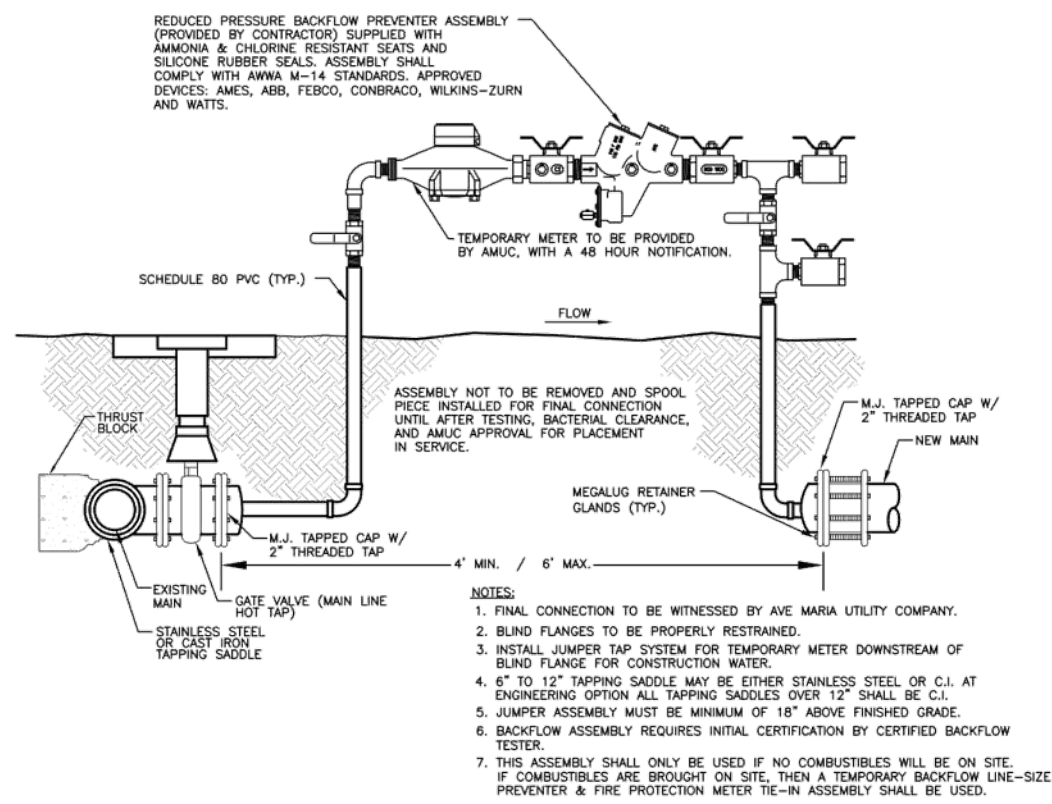
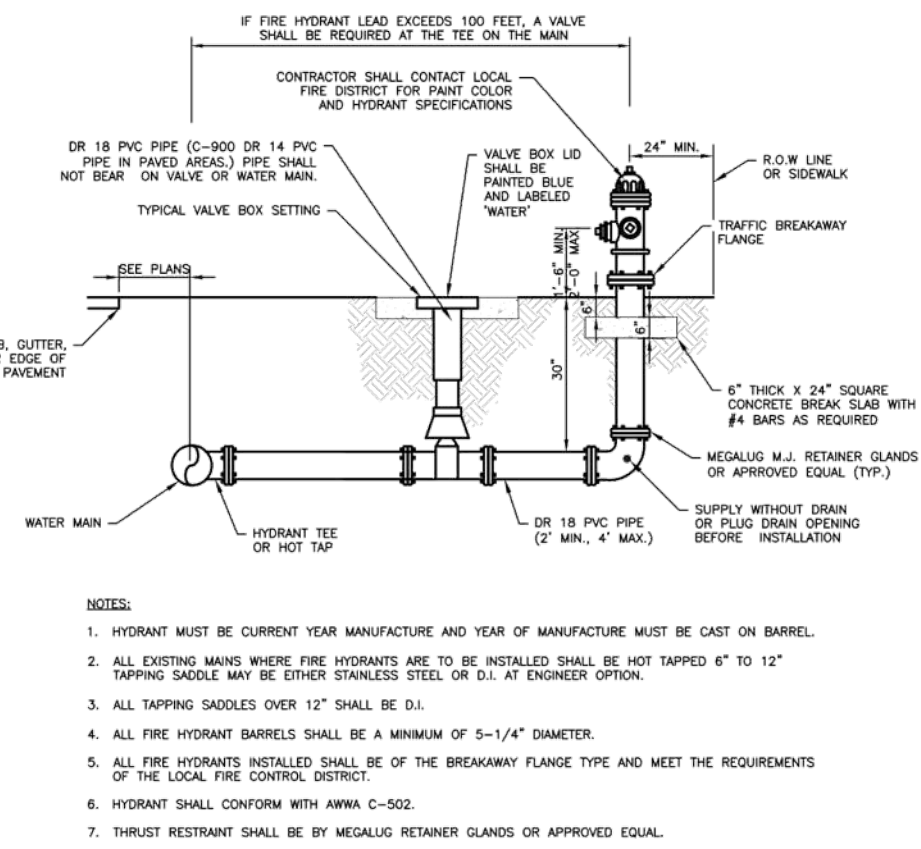
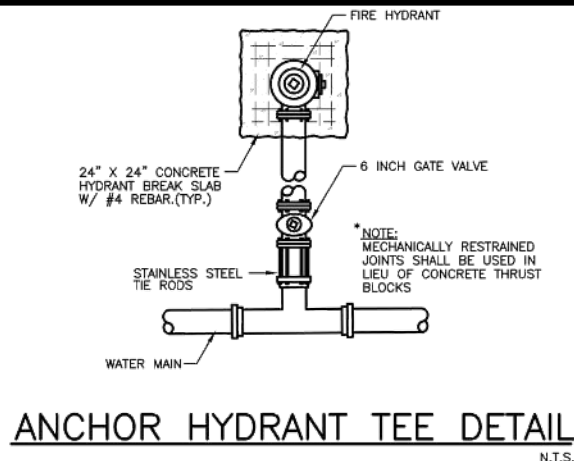
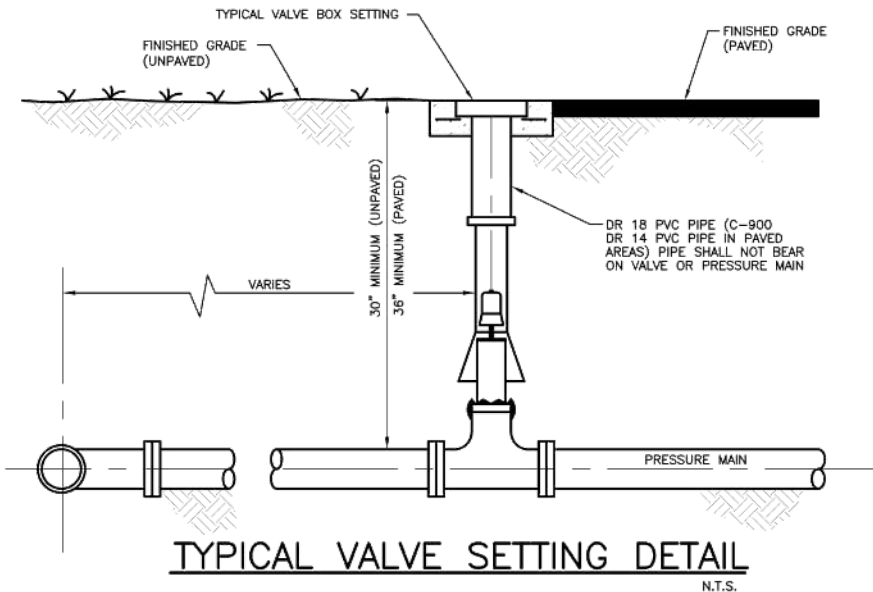


N.T.S.

- AMUC-G-1A

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C
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A

Drawn by: Nathan Mullins
Checked by: Nathan Mullins
Project: AMUC-017-002-C01-521VM.dwg
Title: STANDARD AMUC WATER MAIN DETAILS
Scale: 1/8" = 1'-0"



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2600 Golden Gate Pkwy
Naples, FL 34105

239.403.6700
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POPE JOHN PAUL II BLVD WATER MAIN EXTENSION

STANDARD AMUC WATER MAIN DETAILS

AVE MARIA UTILITY COMPANY, LLLP

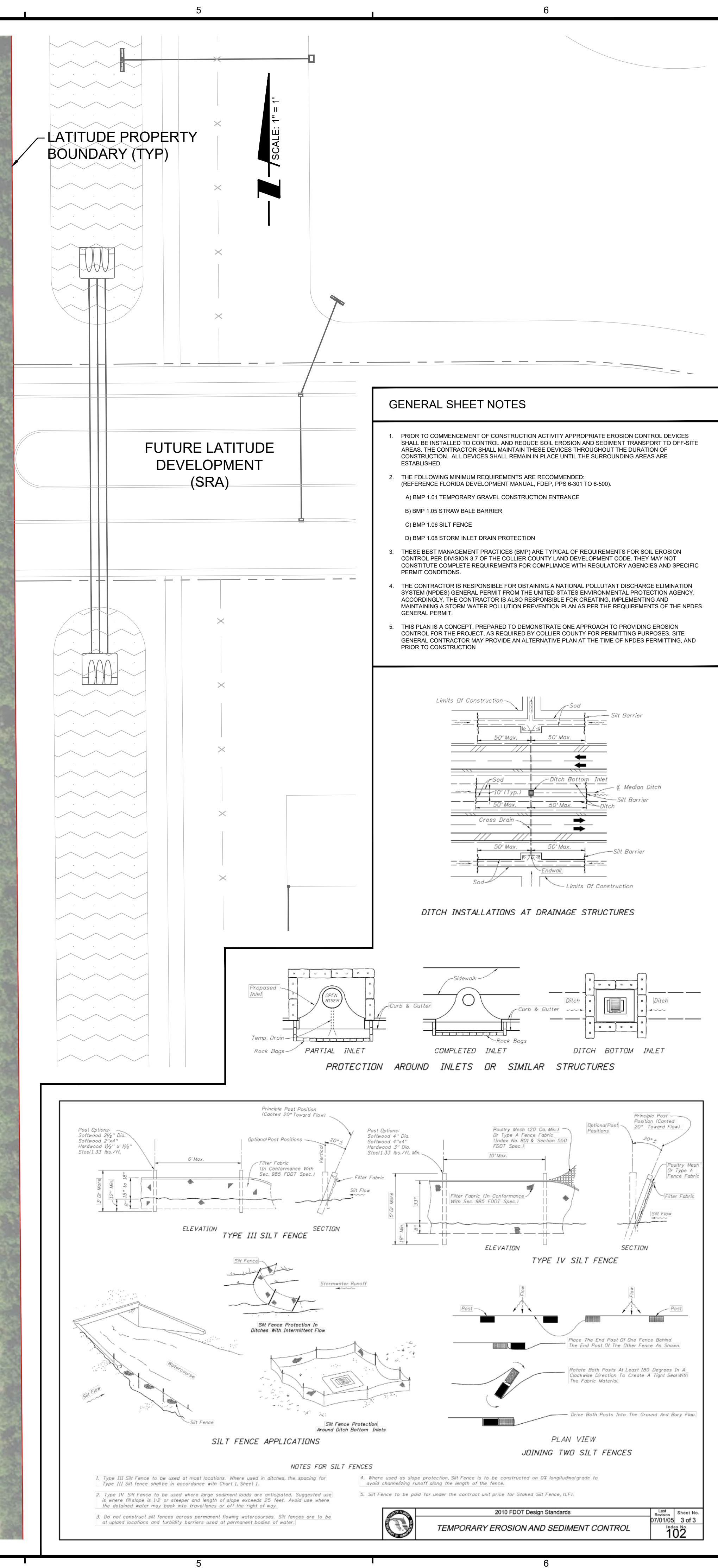
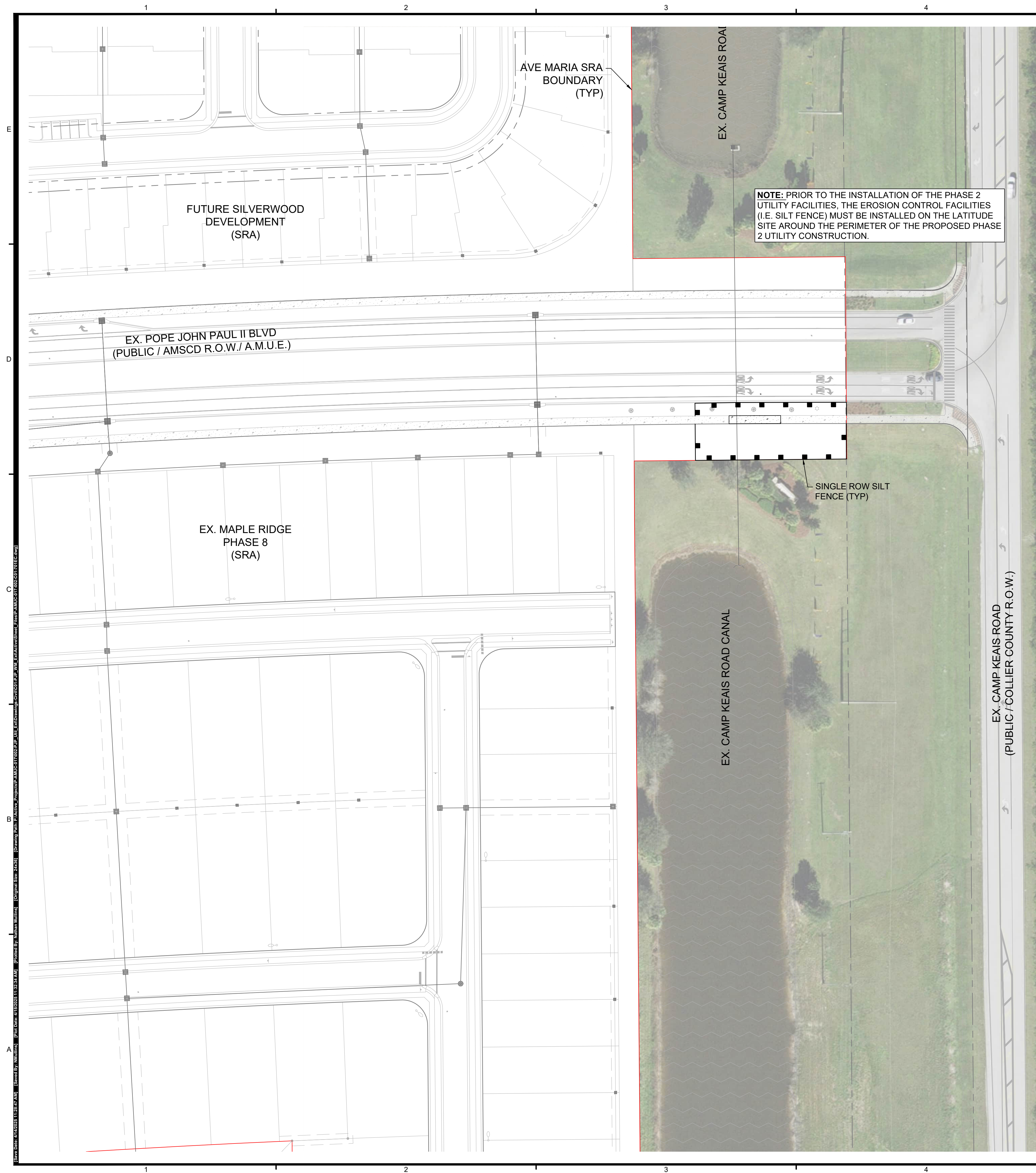
REVISIONS:		
No.	Revision:	Date:

NOTES:		

PROFESSIONAL SEALS:
PROFESSIONAL ENGINEER: CONNOR J. JONES, P.E.
FLORIDA LICENSE NUMBER: 99495

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

SEC. 33.34	TWP. 47S	RGE. 29E
City: AVE MARIA	County: COLLIER	
Designed by: NATHAN MULLINS		
Drawn by: NATHAN MULLINS		
Date: MARCH 2025		
Horizontal Scale: N.T.S.		
Vertical Scale: N.T.S.		
File Name: P-AMUC-017-002-C01-521VM.dwg		
Project Number: P-AMUC-017-002-C01		
Sheet ID: C-521		
Sheet Number: 07 of 08		



POPE JOHN
PAUL II BLVD
WATER MAIN
EXTENSION






TITLE:

NPDES DISCHARGE
CONTROL PLAN AND
DETAILS

CLIENT:

AVE MARIA UTILITY
COMPANY, LLLP

[illegible]

LEGEND	
	SILT FENCE
	DOUBLE SILT FENCE
	TURBIDITY BARRIER
	INLET PROTECTION
	HAY BALES

PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER:	CONNOR J. JONES, P.E.
FLORIDA LICENSE NUMBER:	99495

Florida Engineering Certificate of Authorization #28275

DATUM NOTE:

ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 50'

[illegible]

SEC:33, 34	IWP:47S	RGE: 29E
AVE MARIA		COLLIER

City: AVE MARIA County: COLLIER
 Nathan Mullins

Designed by: **NATHAN MULLINS**

Revised by: **NATHAN MULLINS**

Date: MARCH 2025

Horizontal Scale: 1" = 50'

Vertical Scale: N.T.S.

File Name: P-AMUC-017-002-C01-701EC.dwg

Project Number: P-AMUC-017-002-C01

C 704

Sheet ID: C-701

Sheet Number: 08 of 08