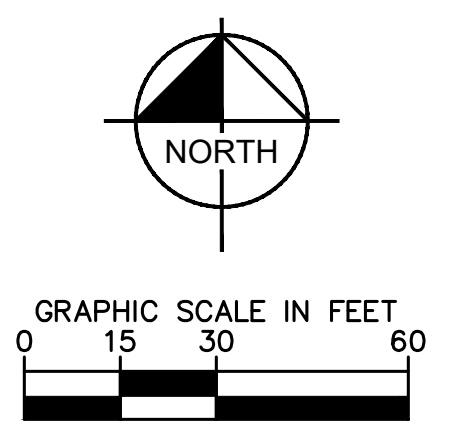
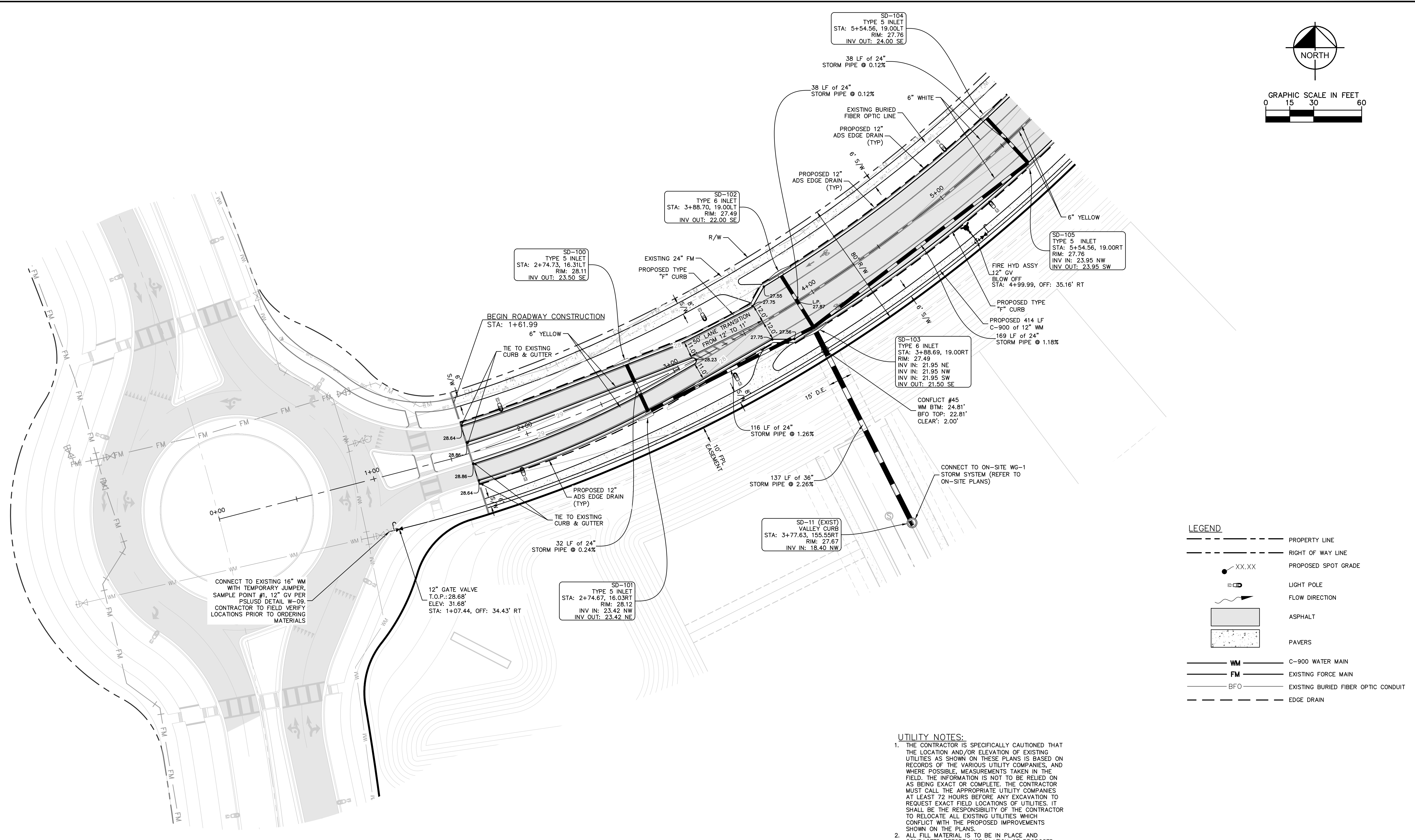


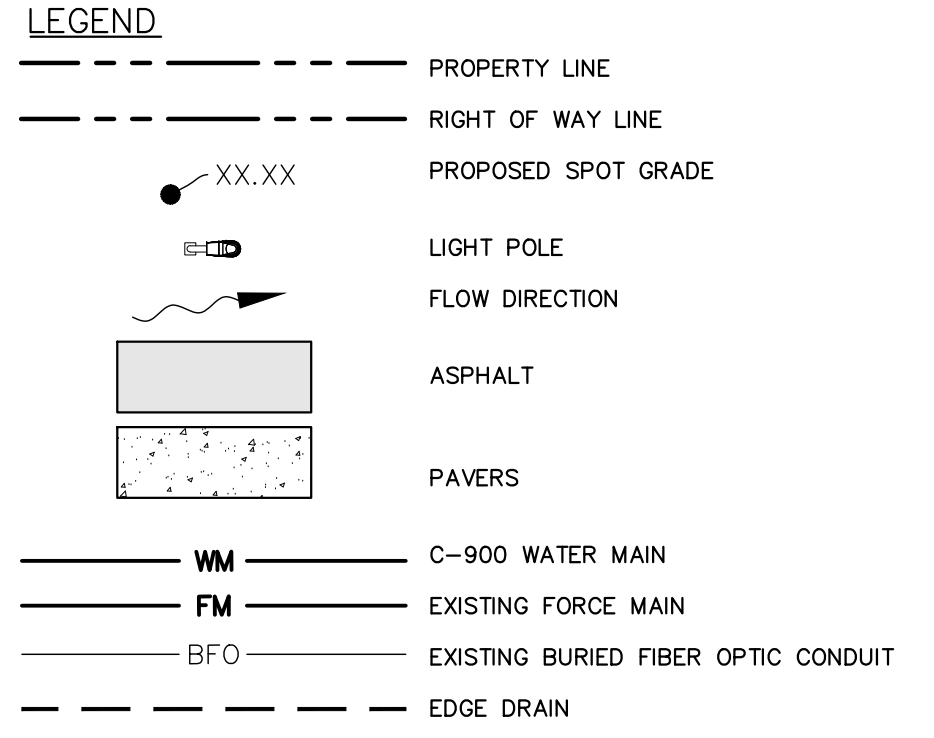
Plotted By: Procko, Michael Sheet Set: WESTERN GROVE 1 - LD\OUT-C-225 FERNLAKE November 09, 2020 03:06:52pm K:\VRB\LD\WESTERN GROVE 1 - LD\OUT-C-225 FERNLAKE ROADWAY PLAN.dwg K:\VRB\LD\WESTERN GROVE 1 - LD\OUT-C-225 FERNLAKE ROADWAY PLAN.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



FERNLAKE PARKWAY ROADWAY PLANS
FROM 1+61.99 to 11+32.03
 H: 1"=40' V: 1"=4'

- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
 - EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
 - ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
 - ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
 - CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
 - CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
 - CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

- UTILITY NOTES:**
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
 - ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AND RESTRAINED AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
 - ALL UTILITIES SHOULD BE KEPT 10' APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
 - CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
 - CROSSINGS AND CONFLICTS MUST BE PER CITY OF PORT ST. LUCIE SPECIFICATIONS.
 - PIPES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
 - ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH AT 3000 PSI.
 - CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
 - ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 FAC.
 - VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS OR DRIVEWAYS.
 - ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.



PSLUSD PROJECT #
5392

CITY OF PORT ST. LUCIE PROJECT #
P20-196

CALL 48 HOURS BEFORE YOU DIG
 IT'S THE LAW! DIAL 811

 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

WESTERN GROVE 1
 PREPARED FOR
MATTAMY HOMES

FERNLAKE ROADWAY PLANS

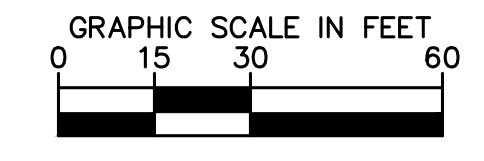
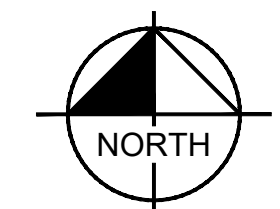
LICENSED PROFESSIONAL
 KIMAN F. HUSAINY
 FL LICENSE NUMBER 75481

Kimley»Horn
 © 2020 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

NO.	REVISIONS	DATE	BY

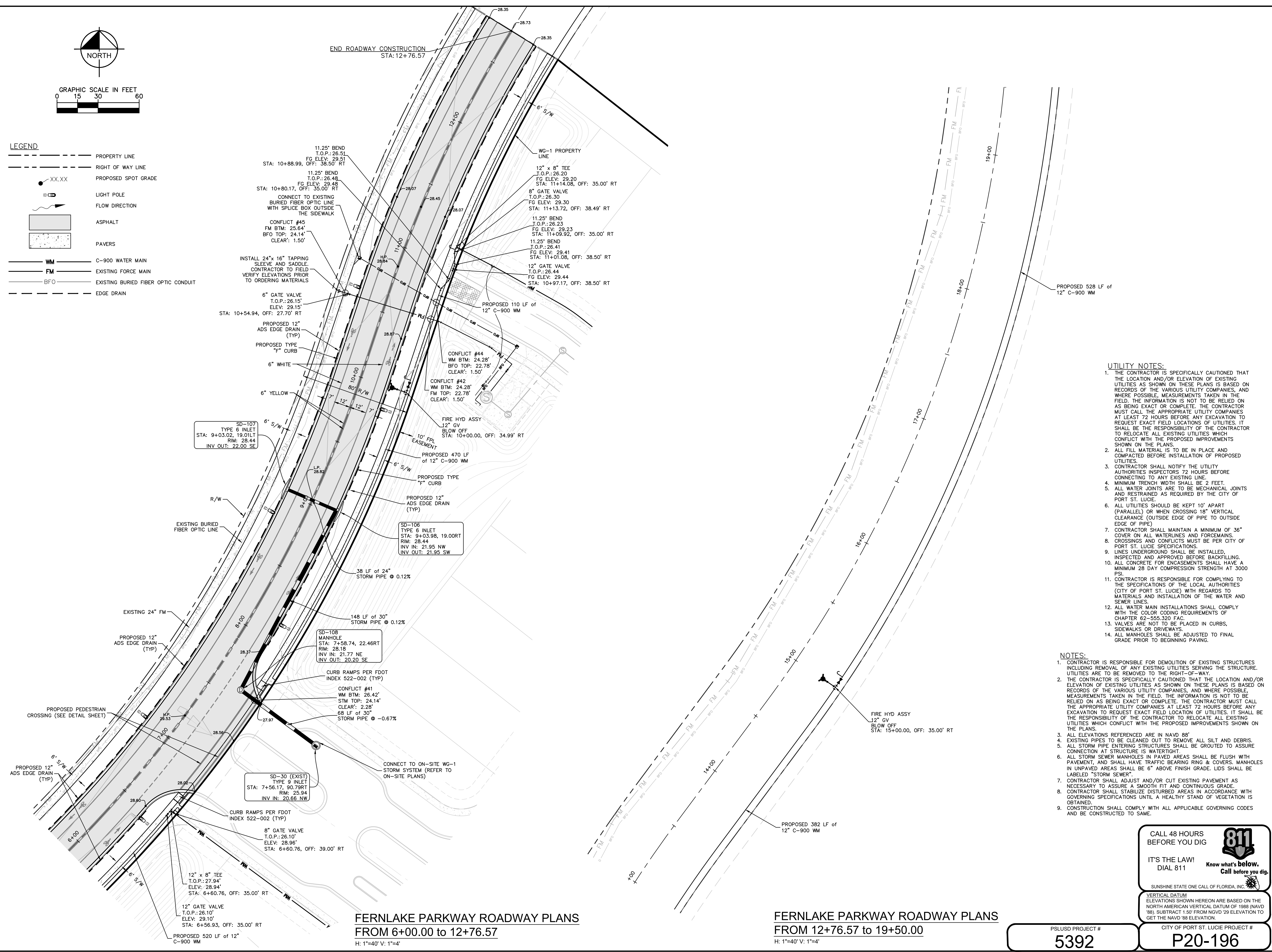
SHEET NUMBER
C-225

Plotted By: Procko, Michael Sheet Set: WESTERN GROVE 1 Layout: C-226 FERNLASKE November 09, 2020 03:07:13pm K:\VBR\LOE\Western Grove 1 - maittom\CAD\plan\sheet\C-226 FERNLASKE ROADWAY PLAN.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

	PROPERTY LINE
	RIGHT OF WAY LINE
	PROPOSED SPOT GRADE
	LIGHT POLE
	FLOW DIRECTION
	ASPHALT
	PAVERS
	C-900 WATER MAIN
	EXISTING FORCE MAIN
	EXISTING BURIED FIBER OPTIC CONDUIT
	EDGE DRAIN



FERNLASKE PARKWAY ROADWAY PLANS
FROM 6+00.00 TO 12+76.57
 H: 1"=40' V: 1"=4'

FERNLASKE PARKWAY ROADWAY PLANS
FROM 12+76.57 TO 19+50.00
 H: 1"=40' V: 1"=4'

PSLUSD PROJECT #
5392

CITY OF PORT ST. LUCIE PROJECT #
P20-196

SHEET NUMBER
C-226

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION.

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
 KIMAN F. HUSAINY
 FL LICENSE NUMBER 75481

KHA PROJECT 147641006
 DATE 09/28/2020
 SCALE AS SHOWN
 DESIGNED BY CJA
 DRAWN BY CJA
 CHECKED BY KFH

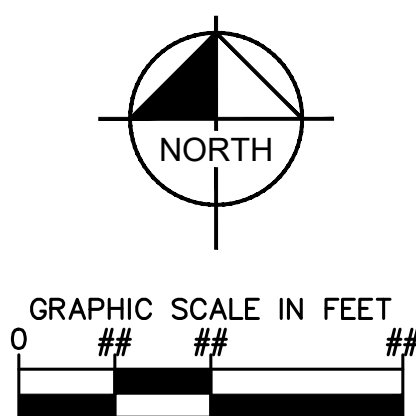
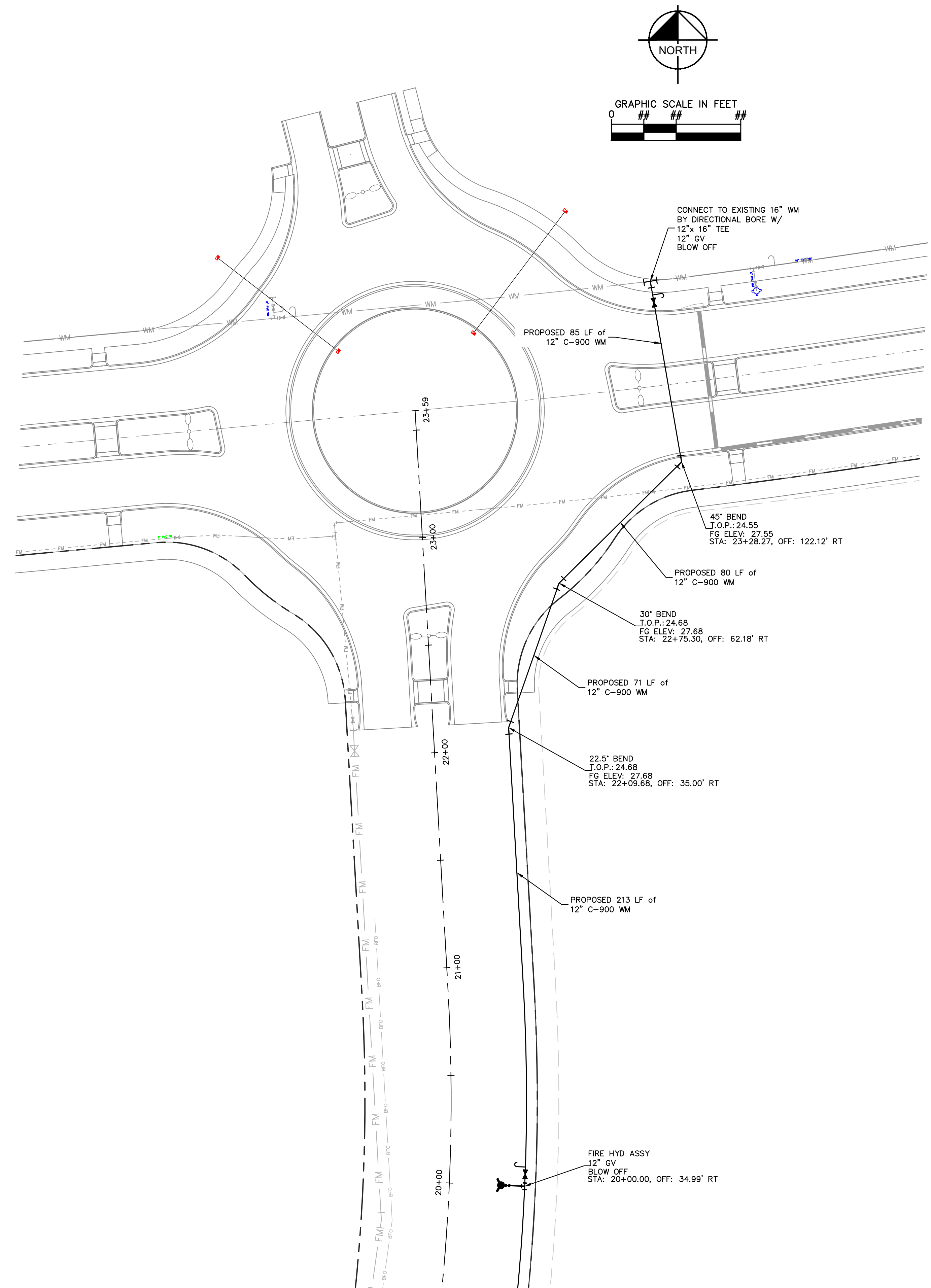
FERNLASKE ROADWAY PLANS

WESTERN GROVE 1
 PREPARED FOR
MATTAMY HOMES

PORT ST. LUCIE, FL

NO.	REVISIONS	DATE	BY

Plotted By: Procko, Michael Sheet Set: WESTERN GROVE 1 Layout: C-227 FERNLAKE November 09, 2020 03:07:26pm K:\WEB_LOVE\western_grove_1_mattomy\CAD\plansheets\C-227_FERNLAKE_ROADWAY_PLAN.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
5. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AND RESTRAINED AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
6. ALL UTILITIES SHOULD BE KEPT 10' APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
7. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
8. CROSSINGS AND CONFLICTS MUST BE PER CITY OF PORT ST. LUCIE SPECIFICATIONS.
9. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
10. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 PSI.
11. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
12. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 FAC.
13. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS OR DRIVEWAYS.
14. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
4. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
5. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
6. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
7. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
8. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
9. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

LEGEND

- PROPERTY LINE
- RIGHT OF WAY LINE
- XX.XX PROPOSED SPOT GRADE
- ⊙ LIGHT POLE
- FLOW DIRECTION
- ASPHALT
- PAVERS
- WM C-900 WATER MAIN
- FM EXISTING FORCE MAIN
- BFO EXISTING BURIED FIBER OPTIC CONDUIT
- EDGE DRAIN

**FERNLAKE PARKWAY ROADWAY PLANS
 FROM 19+50.00 TO 23+59.00**

H: 1"=40' V: 1"=4'

PSLUSD PROJECT #
5392

CITY OF PORT ST. LUCIE PROJECT #
P20-196

CALL 48 HOURS BEFORE YOU DIG
 IT'S THE LAW! DIAL 811

 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

VERTICAL DATUM
 ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NAVD '88 ELEVATION TO GET THE NAVD '88 ELEVATION.

Kimley»Horn
 © 2020 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL	KIMAN F. HUSAINY
KHA PROJECT	147641006
DATE	09/28/2020
SCALE	AS SHOWN
DESIGNED BY	CJA
DRAWN BY	CJA
CHECKED BY	KFH
DATE	

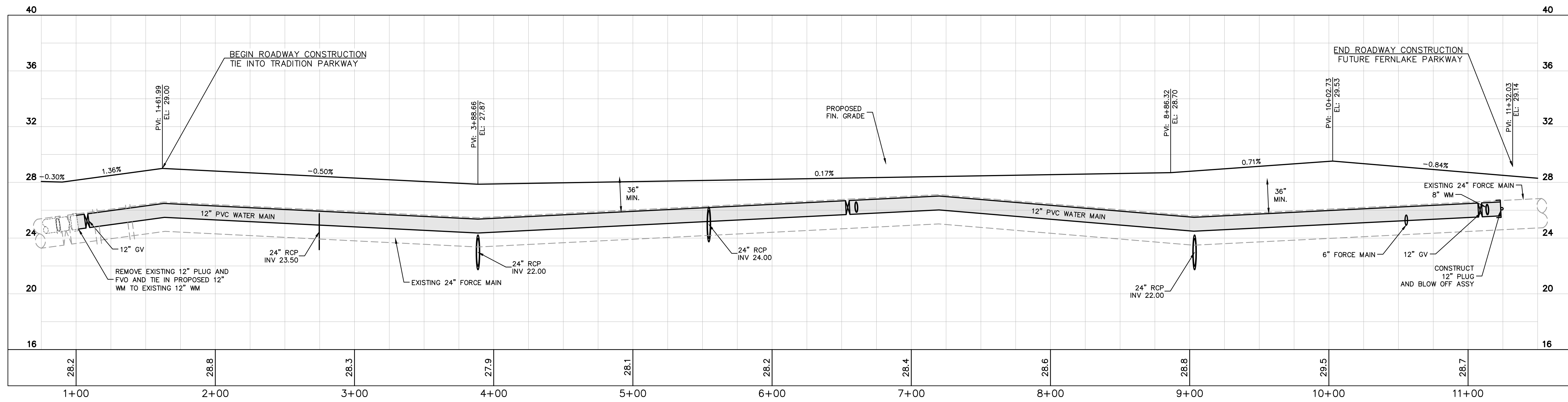
**FERNLAKE ROADWAY
 PLANS
 PREPARED FOR
 MATTAMY HOMES**

WESTERN GROVE 1

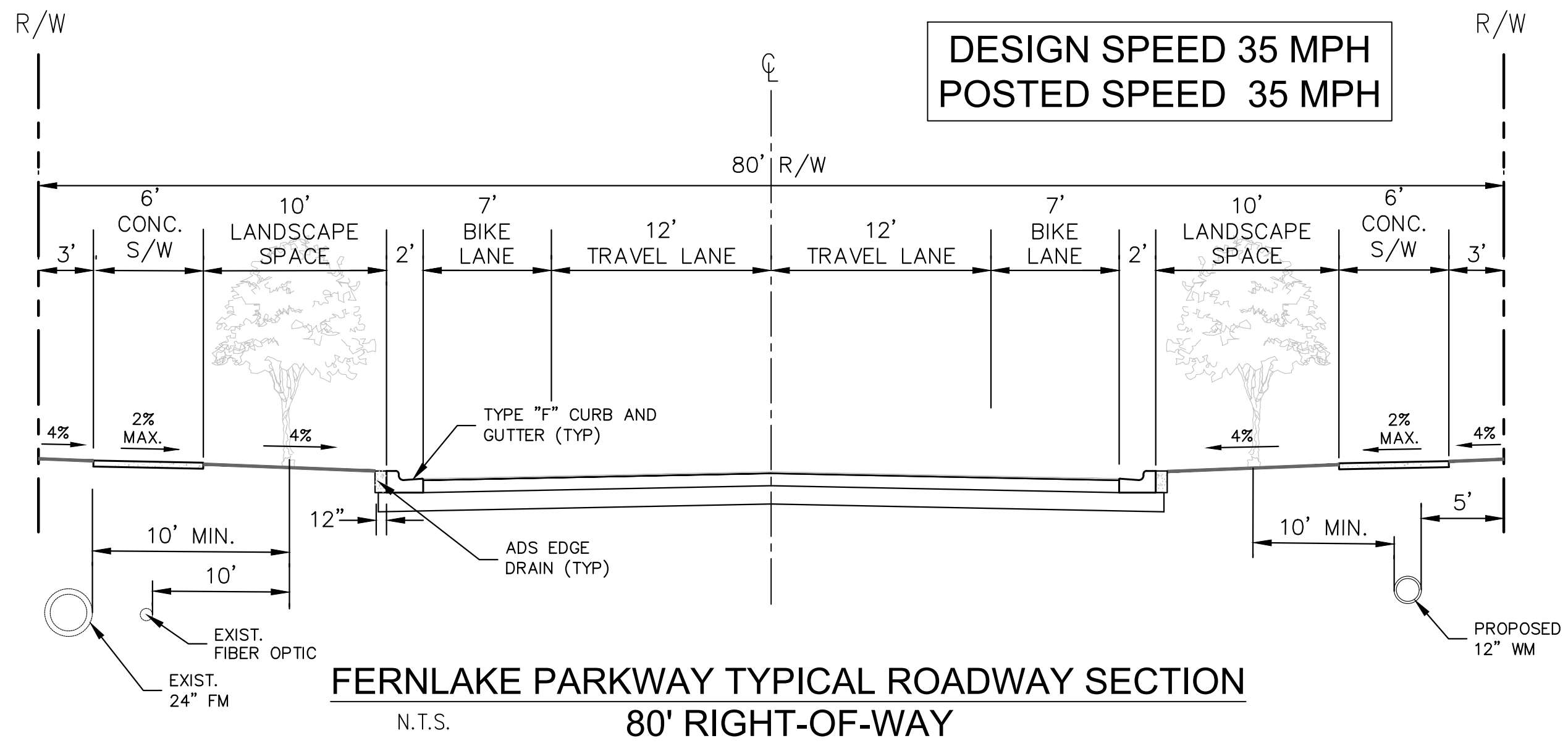
SHEET NUMBER
C-227

NO.	REVISIONS	DATE	BY

Plotted By: Procko, Michael - Sheet Set: WESTERN GROVE 1 - LAYOUT: C-228 FERNLAKE ROADWAY PROFILE AND DETAILS
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



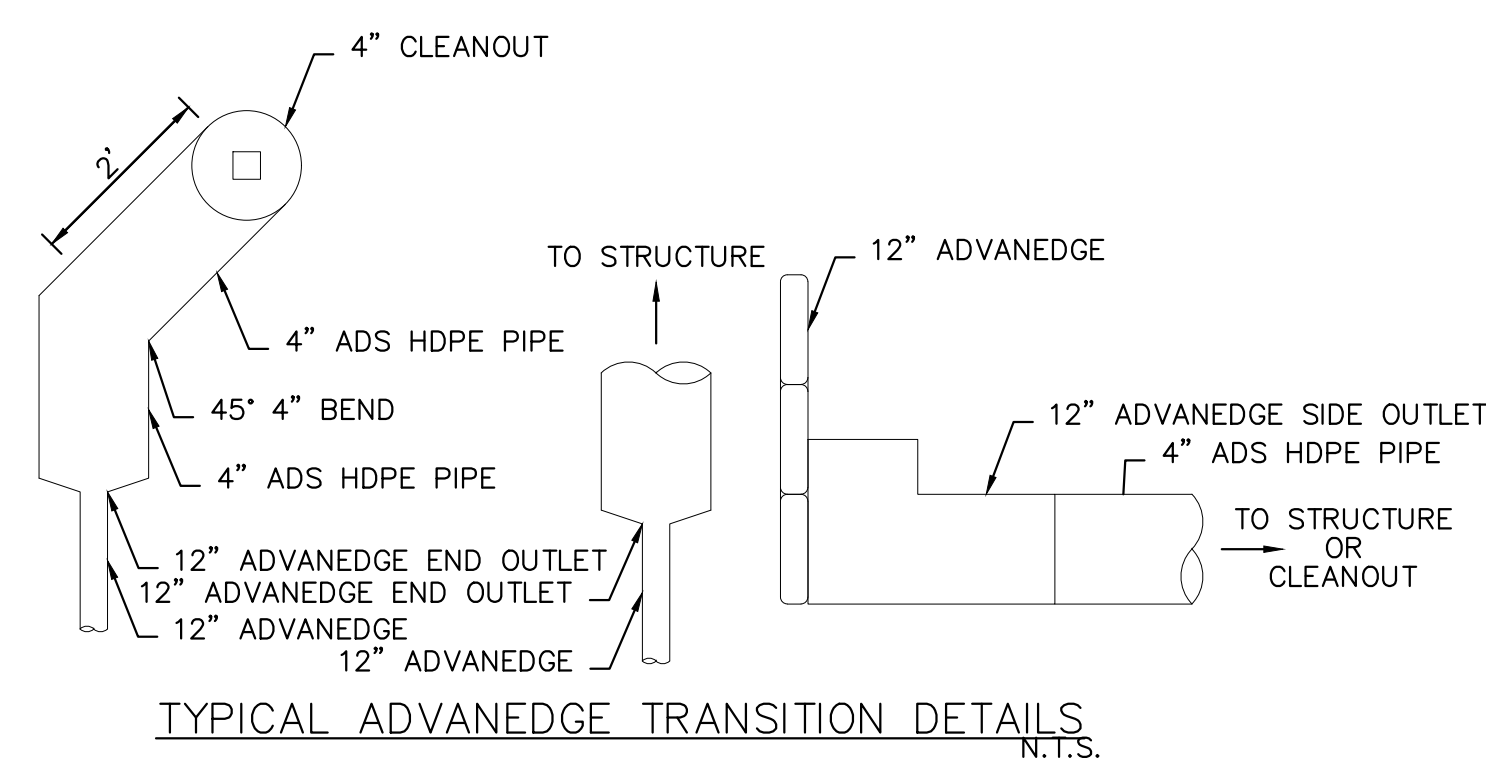
FERNLAKE PARKWAY FROM 1+61.99 TO 11+32.03
 H: 1"=40' V: 1"=4'



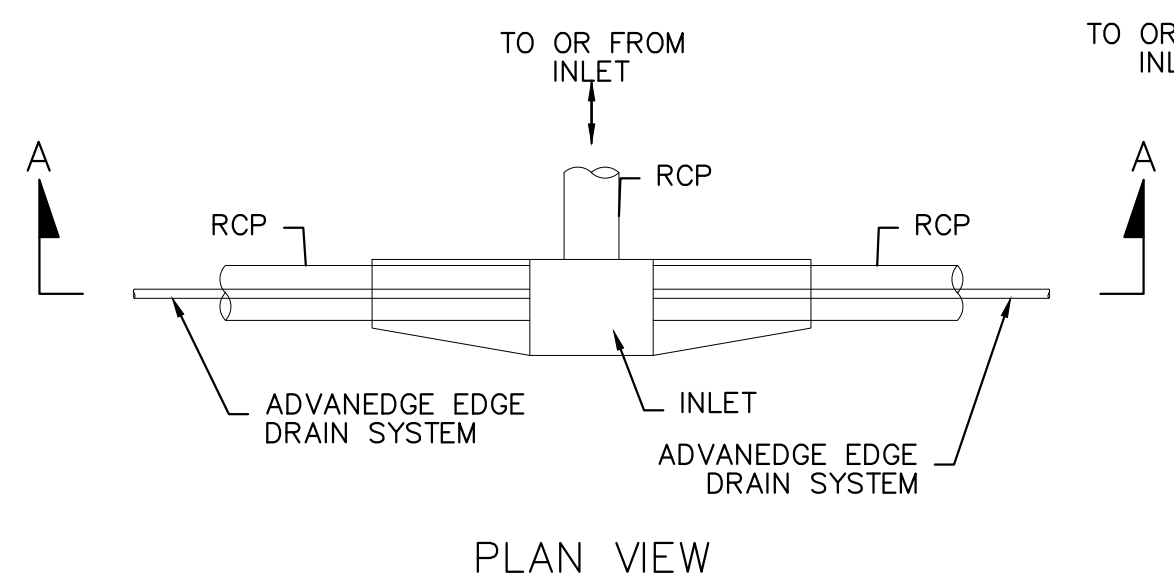
FERNLAKE PARKWAY TYPICAL ROADWAY SECTION
 80' RIGHT-OF-WAY
 N.T.S.

PAVEMENT DESIGN SN (4.0)
 TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1") SN (0.44)
 TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (2") SN (0.44)
 CEMENTED COQUINA (LBR100) (10") SN (0.18)
 STABILIZED SUBGRADE (TYPE B) (12") SN (0.08)

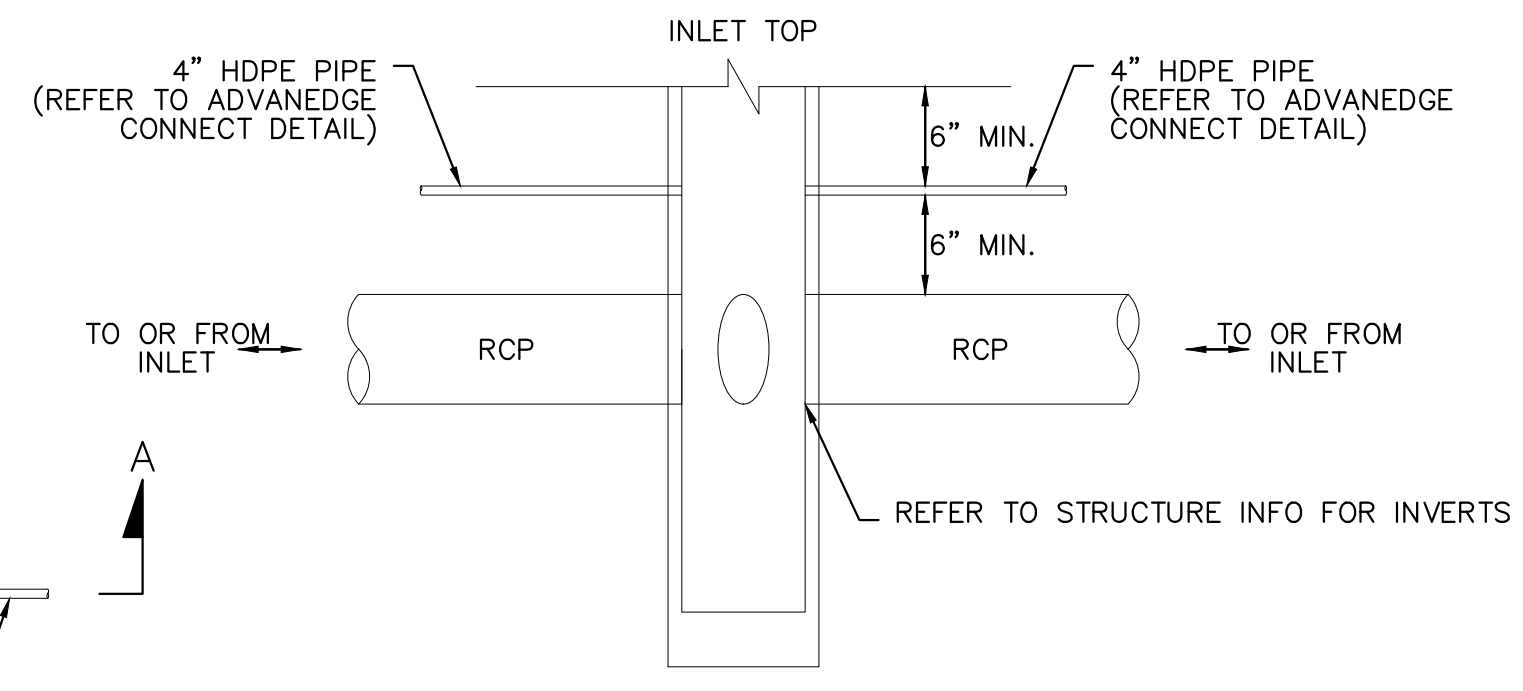
- NOTES:**
1. WATER MAIN VALVES SHALL NOT BE PLACED IN SIDEWALK.
 2. TREES AND LIGHT POLES TO ALTERNATE, REFER TO LANDSCAPE AND PHOTOMETRIC PLANS FOR DETAILS.
 3. TREES AND LIGHT POLES SHALL MEET FOOT CLEAR ZONE AND SIGHT DISTANCE REQUIREMENTS.
 4. STREET TREES SHALL NOT EXCEED 3' Ø FULLY MATURE.
 5. TREES ARE TO BE INSTALLED 10' MIN FROM UTILITY LINES (OUTSIDE DIAMETER TO OUTSIDE TREE TRUNK)
 6. SIDEWALK JOINTS SHALL BE TOOLED WITHOUT EXPANSION JOINTS.



TYPICAL ADVANCED TRANSITION DETAILS
 N.T.S.

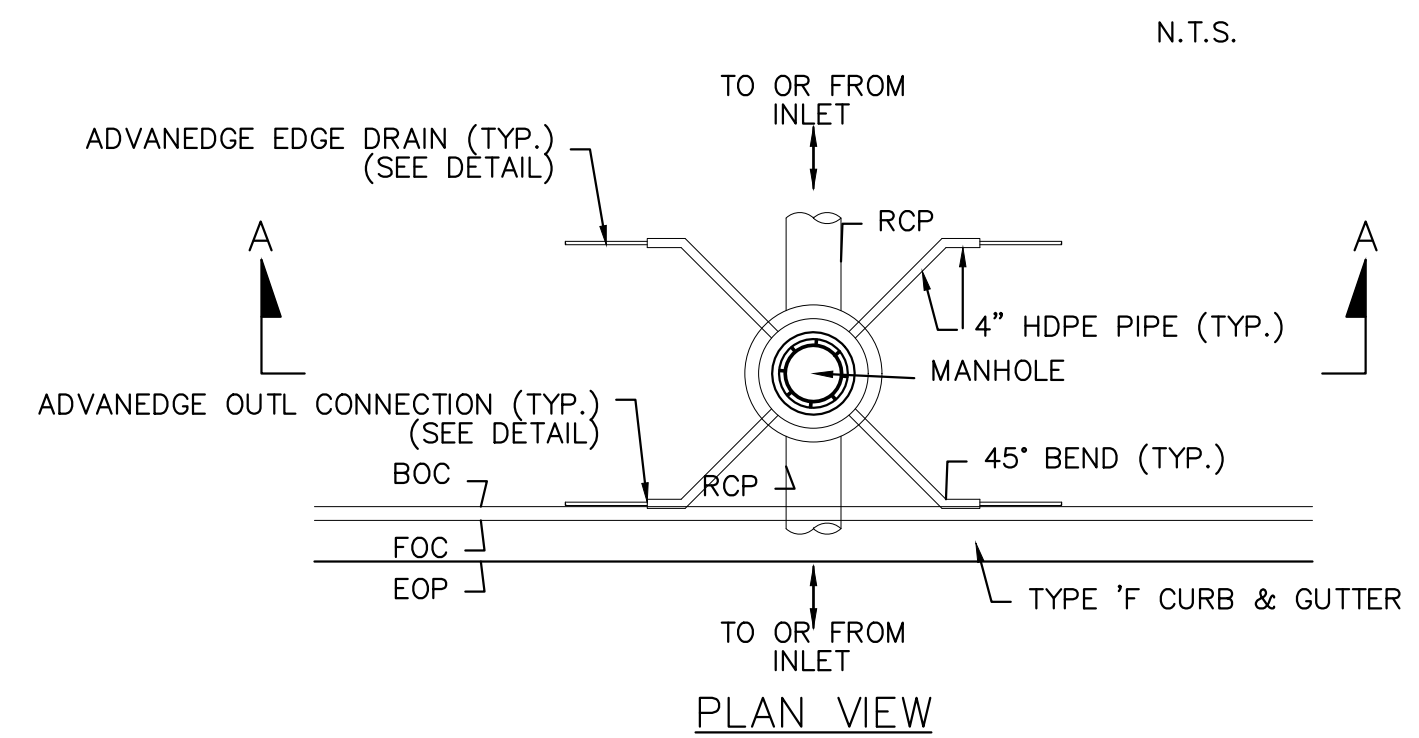


PLAN VIEW

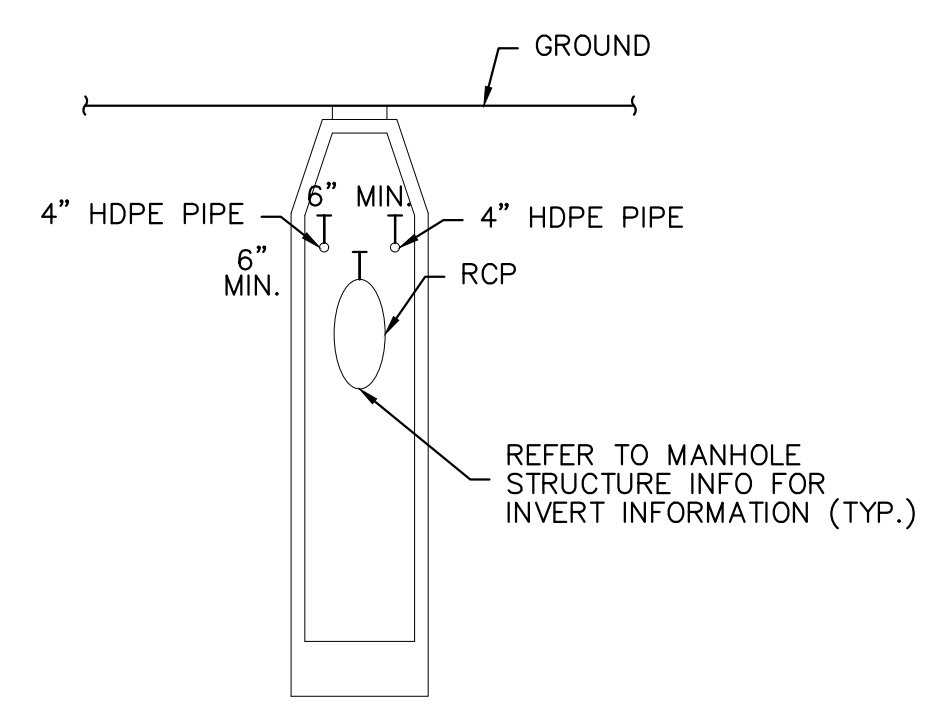


SECTION A-A

TYPICAL CURB INLET CONNECTION DETAIL
 N.T.S.

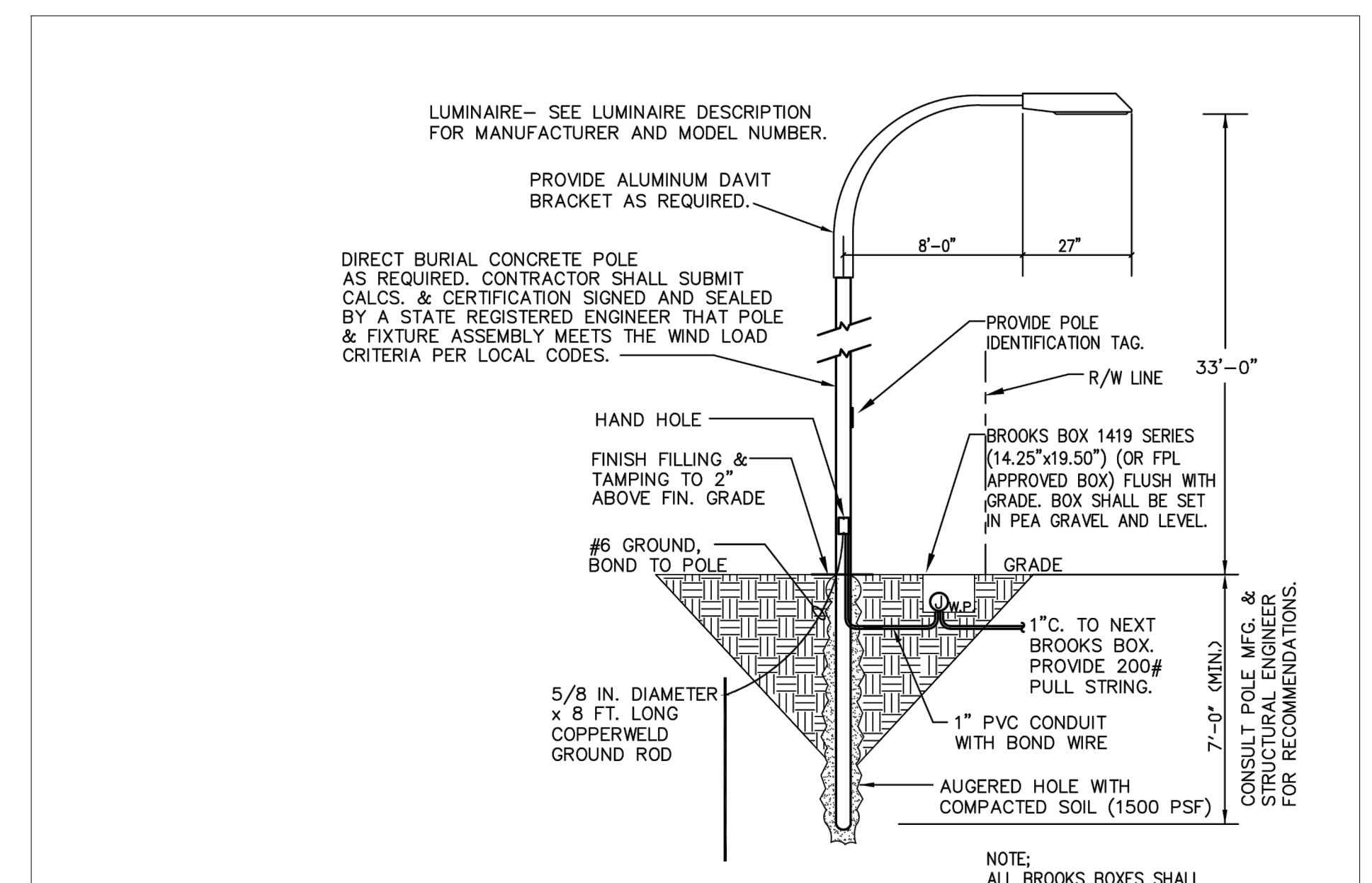


PLAN VIEW



SECTION A-A

TYPICAL MANHOLE CONNECTION DETAIL



DIRECT BURIAL POLE DETAIL
 N.T.S.

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	Polar Plot
A		36	ATB2 00BLED10 XXXXX R2 4KCR	ATB2 SERIES LED 1000MA TYPE 2 4000K/5000K CCT	LED Array	1	31918	0.9	288	

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #4	+	2.7 fc	6.3 fc	0.7 fc	9.0:1	3.9:1

CALL 48 HOURS BEFORE YOU DIG
 IT'S THE LAW! DIAL 811
 Know what's below. Call before you dig.
 SUNSHINE STATE ONE CALL OF FLORIDA, INC.
 VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NAVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION.

PSLUSD PROJECT # **5392**
 CITY OF PORT ST. LUCIE PROJECT # **P20-196**

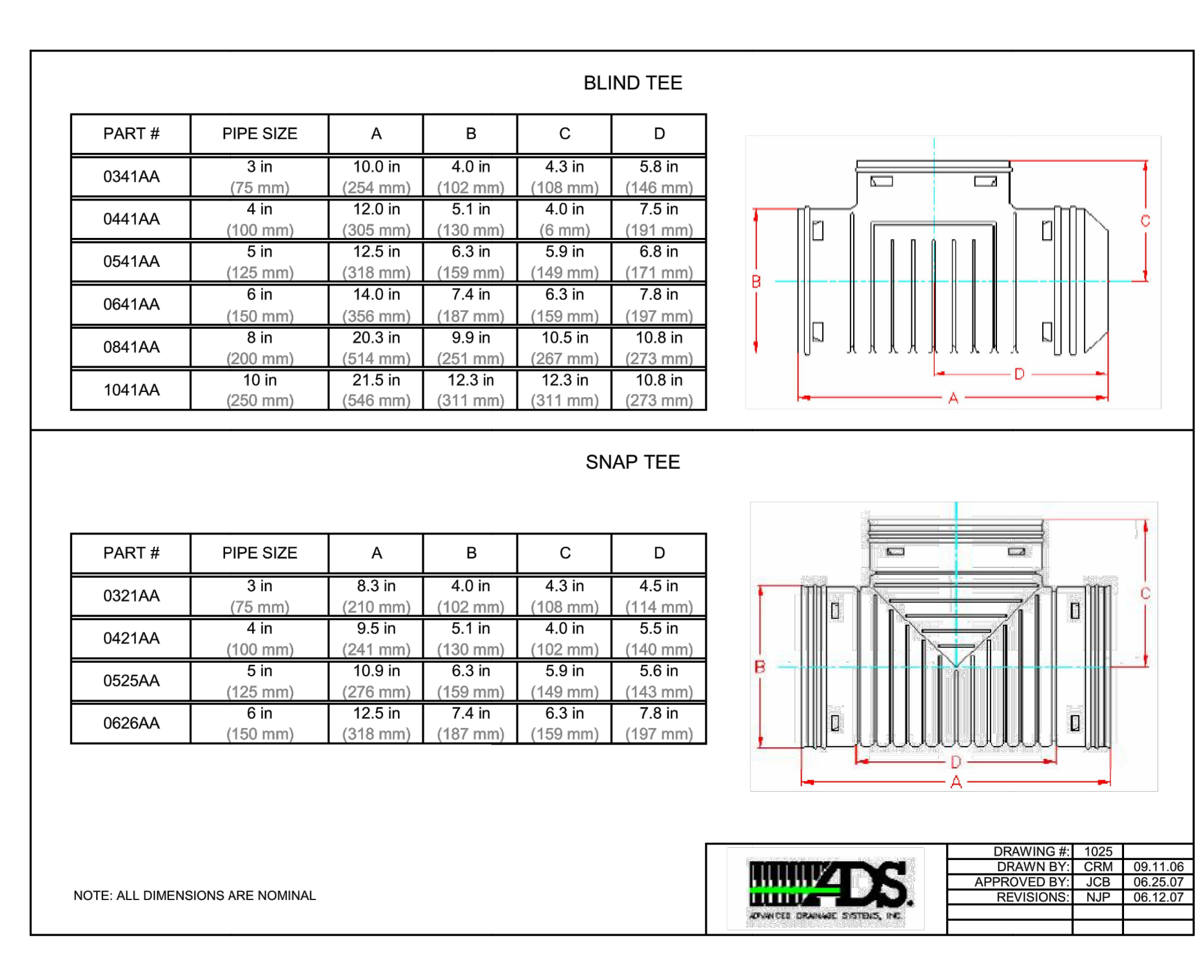
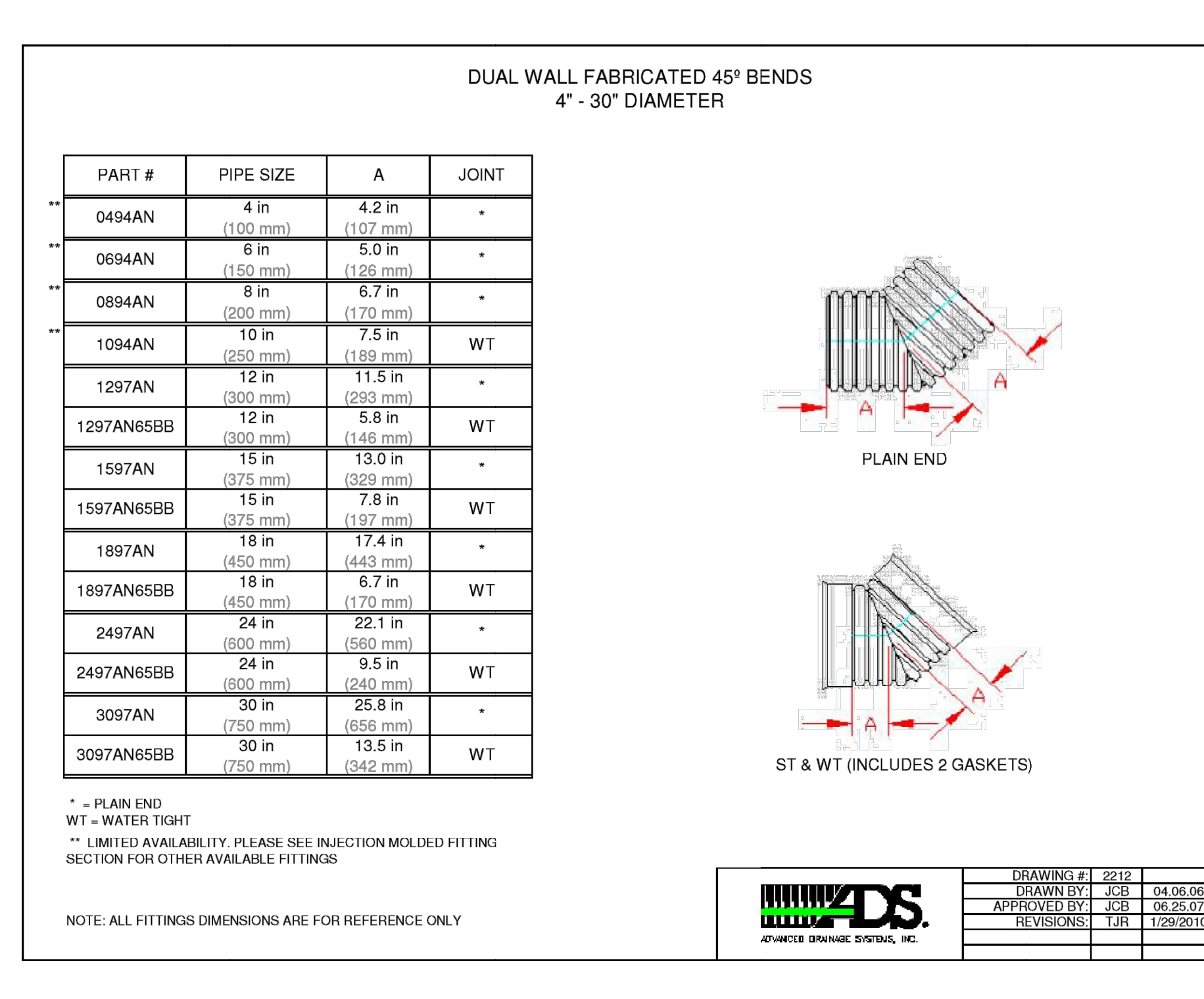
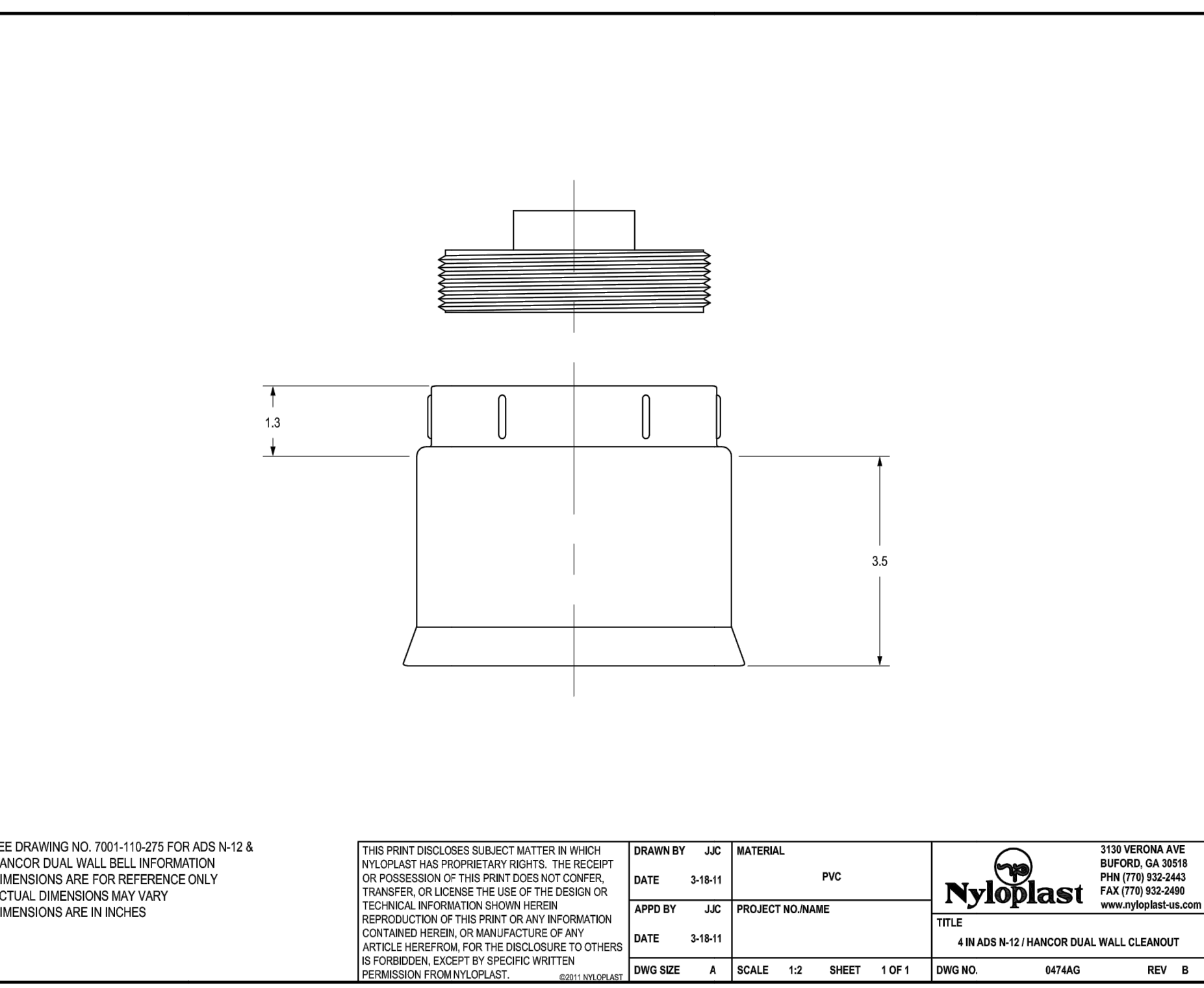
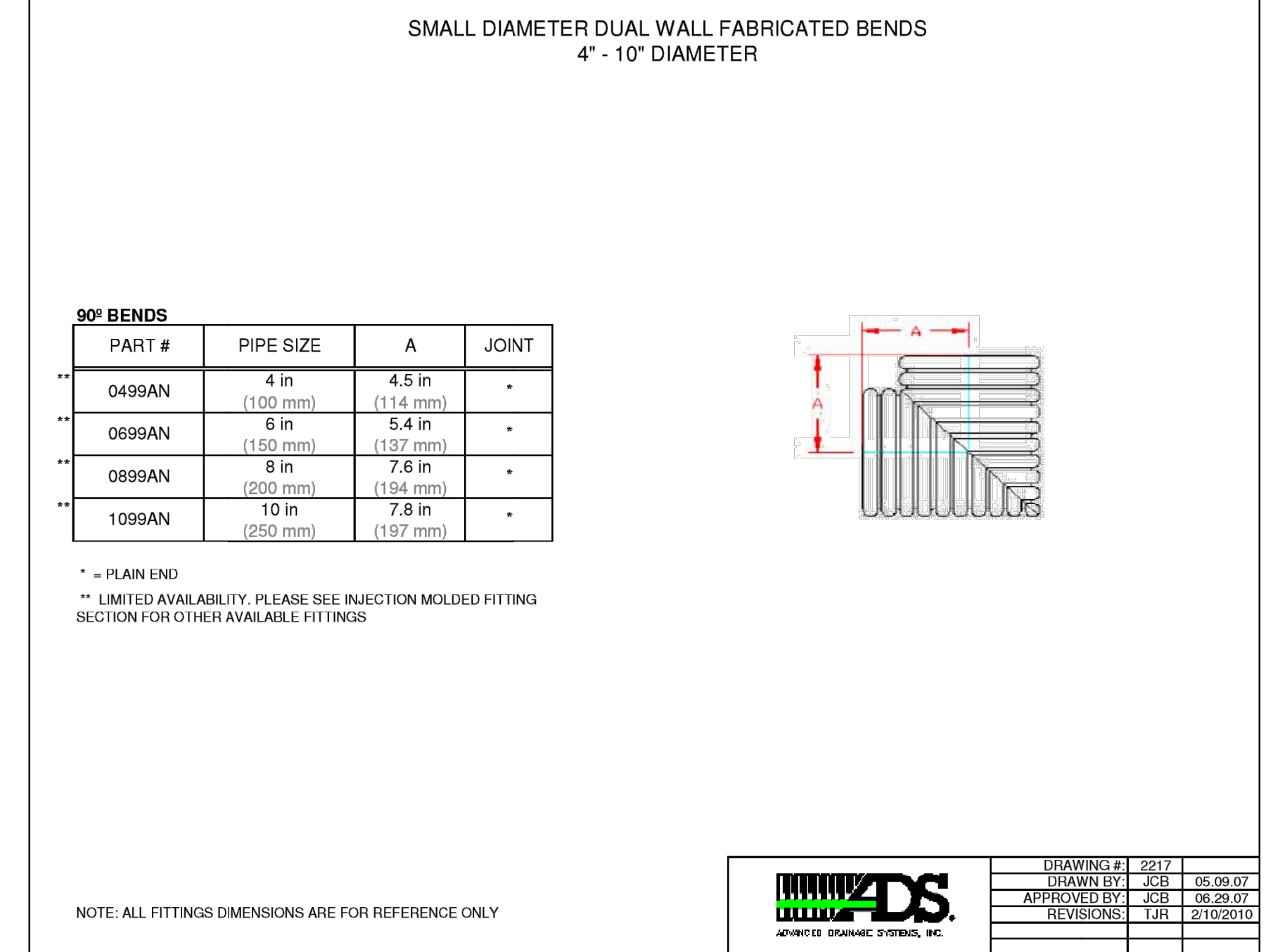
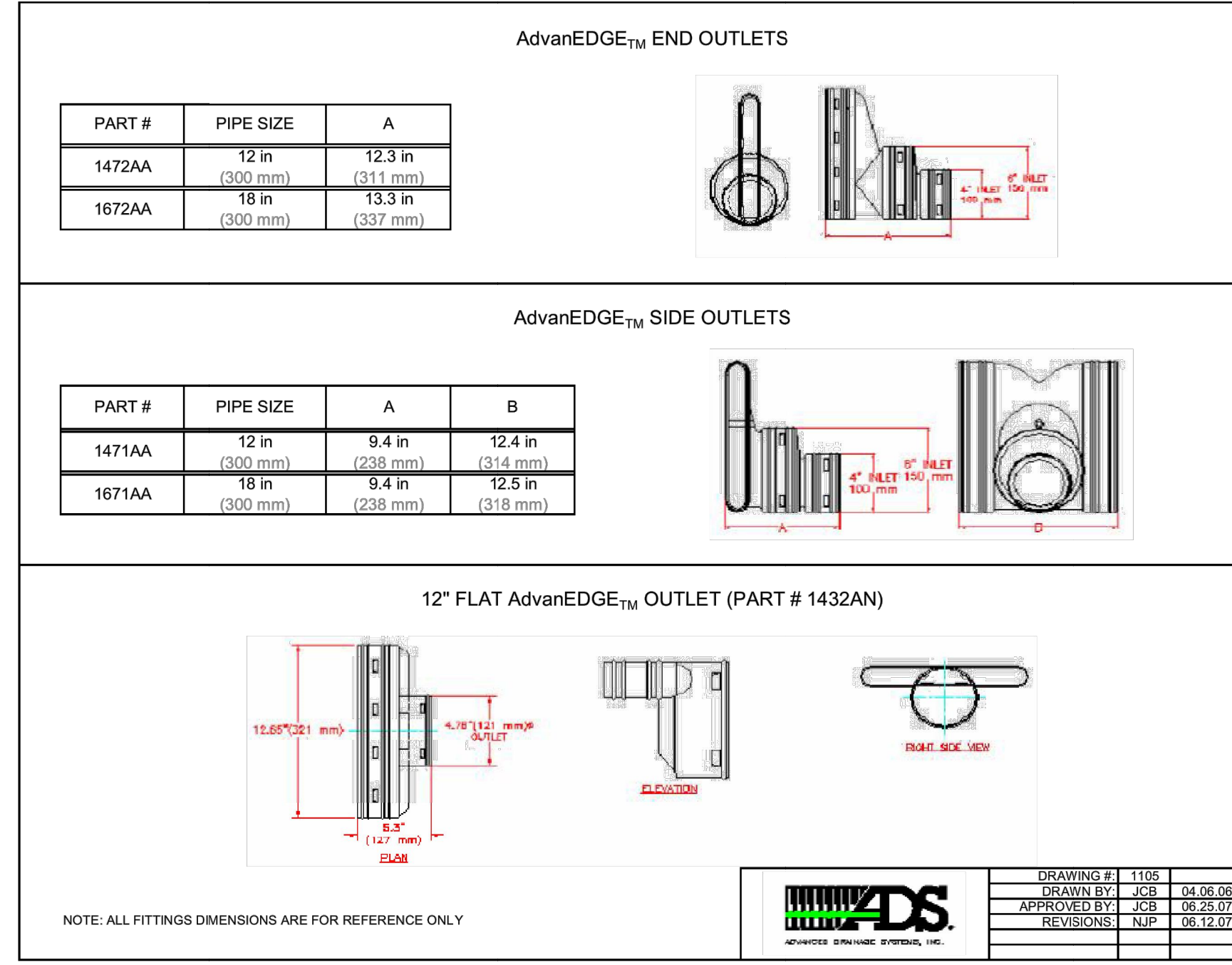
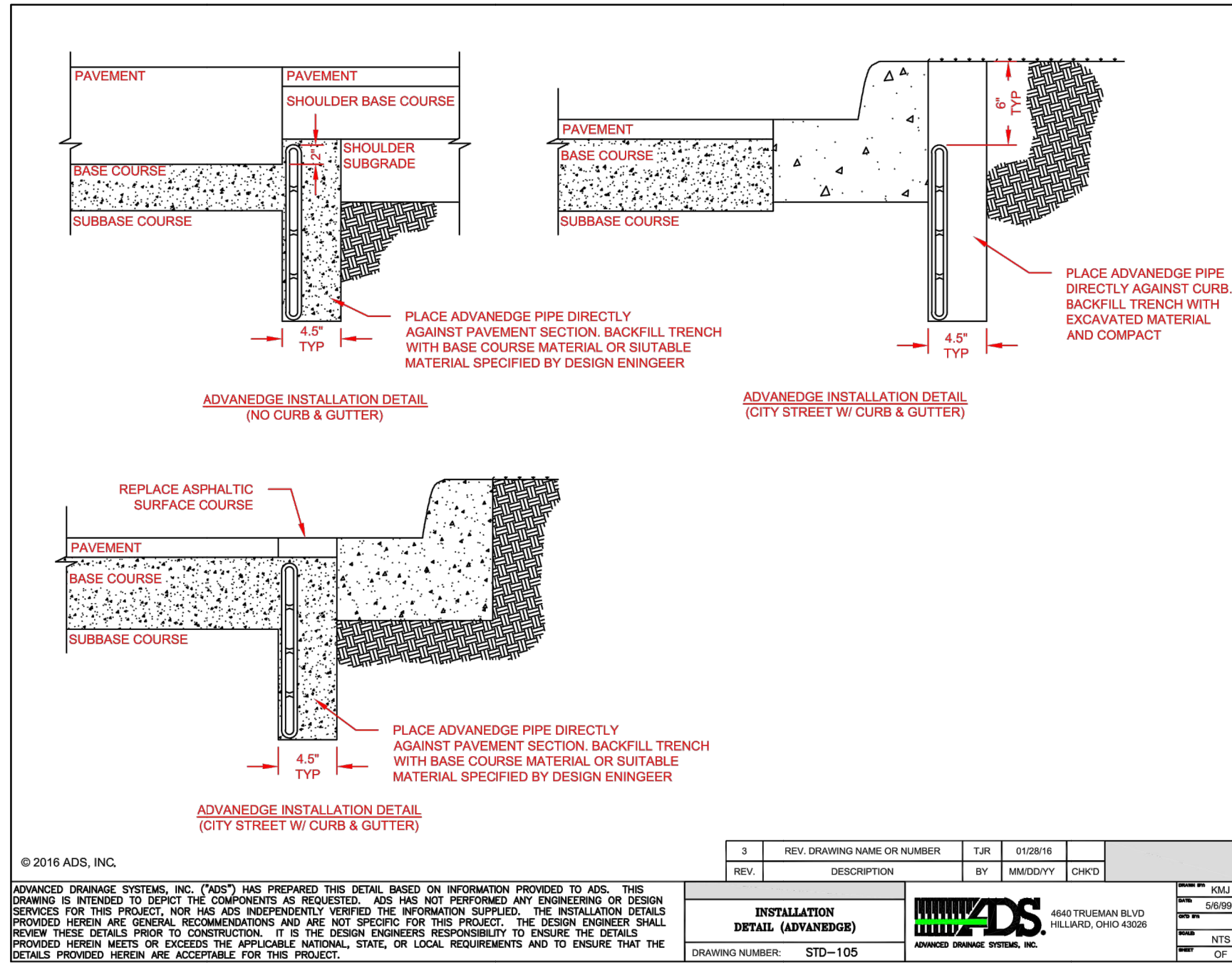
Kimley»Horn
 © 2020 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL: KIMAN F. HUSAINY
 DATE: 09/28/2020
 SCALE: AS SHOWN
 DESIGNED BY: CJA
 DRAWN BY: CJA
 CHECKED BY: KFH

WESTERN GROVE 1
 PREPARED FOR: **MATTAMY HOMES**

PORT ST. LUCIE, FL
 SHEET NUMBER: **C-228**

Plotted By: Procko, Michael Sheet Set: WESTERN GROVE 1 - LAYOUT C-229 FERMLAKE November 09, 2020 03:07:41pm K:\VIB-LOEA\western_grove_1 - layout\CAD\plan\sheet\C-229 FERMLAKE ROADWAY PLAN.dwg
 This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



Kimley»Horn
 © 2020 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
 KIMAN F. HUSAINY
 FL LICENSE NUMBER 75481

KHA PROJECT 147641006
 DATE 09/28/2020
 SCALE AS SHOWN
 DESIGNED BY CJA
 DRAWN BY CJA
 CHECKED BY KFH

WESTERN GROVE 1
 PREPARED FOR
MATTAMY HOMES

FERMLAKE ROADWAY DETAILS

PORT ST. LUCIE, FL

REVISIONS

NO. DATE BY

PSLUSD PROJECT # **5392**

CITY OF PORT ST. LUCIE PROJECT # **P20-196**

SHEET NUMBER **C-229**

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NAVD '88 ELEVATION TO GET THE NAVD '88 ELEVATION.