

This document, together with the concepts and designs presented herein, is an instrument of service, prepared only for the specific purpose and client for which it was prepared. Results 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.

WATER SYSTEM NOTES:

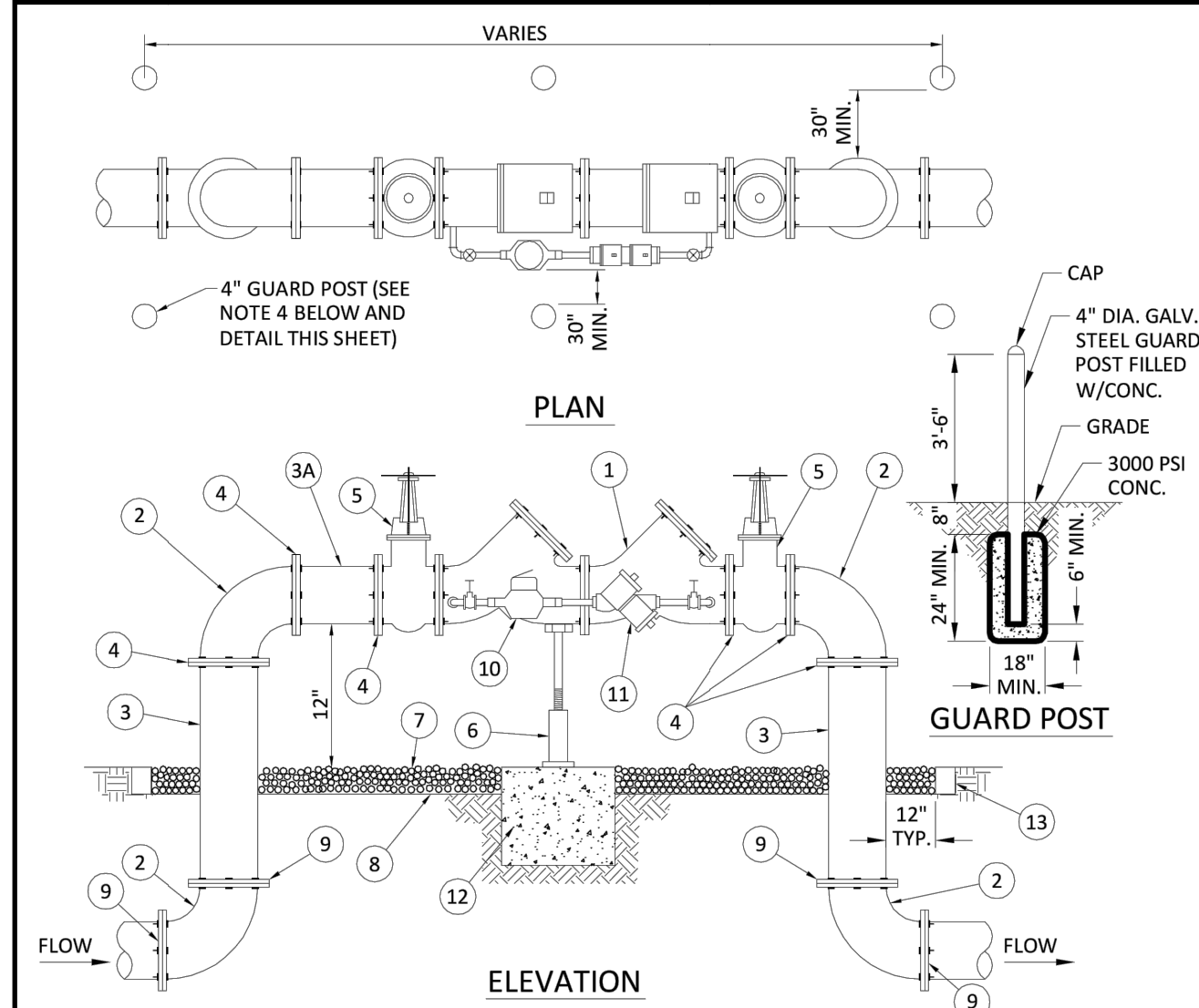
- 1. NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE.
- 2. NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE. [FAC 62-555.314(2)], EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- 3. AT ALL UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE, OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. [FAC 62-555.314(2)], EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- 4. NEW UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT TO BE DUCTILE IRON PIPE (D.I.P.) WHEN CROSSING BELOW SANITARY SEWER MAINS.
- 5. POLYETHYLENE ENCASEMENT MATERIAL SHALL BE USED TO ENCASE ALL BURIED DUCTILE IRON PIPE, FITTINGS, VALVES, RODS, AND APPURTENANCES IN ACCORDANCE WITH AWWA C105, METHOD A. THE POLYETHYLENE TUBING SHALL BE CUT TWO FEET LONGER THAN THE PIPE SECTION AND SHALL OVERLAP THE ENDS OF THE PIPE BY ONE FOOT. THE POLYETHYLENE TUBING SHALL BE GATHERED AND LAPPED TO PROVIDE A SNUG FIT AND SHALL BE SECURED AT QUARTER POINTS WITH POLYETHYLENE TAPE. EACH END OF THE POLYETHYLENE TUBING SHALL BE SECURED WITH A WRAP OF POLYETHYLENE TAPE.
- 6. THE POLYETHYLENE TUBING SHALL PREVENT CONTACT BETWEEN THE PIPE AND BEDDING MATERIAL, BUT IS NOT INTENDED TO BE A COMPLETELY AIRTIGHT AND WATERTIGHT ENCLOSURE. DAMAGED POLYETHYLENE TUBING SHALL BE REPAIRED IN A WORKMANLIKE MANNER USING POLYETHYLENE TAPE, OR THE DAMAGED SECTION SHALL BE REPLACED. POLY WRAP WILL NOT BE PAID FOR AS A SEPARATE BID ITEM. IT SHALL BE CONSIDERED TO BE A PART OF THE PRICE BID FOR WATER MAINS.
- 7. FIRE HYDRANT BARRELS SHALL BE ENCASED IN POLY WRAP UP TO THE GROUND SURFACE AND THE WEEP HOLES SHALL NOT BE COVERED BY THE POLY WRAP.
- 8. GATE VALVES FOR USE WITH PIPE LESS THAN THREE INCHES (3") IN DIAMETER SHALL BE RATED FOR TWO HUNDRED (200) PSI WORKING PRESSURE, NON-SHOCK, BLACK PATTERN, SCREWED BONNET, NON-RISING STEM, BRASS BODY, AND SOLID WEDGE. THEY SHALL BE STANDARD THREADED FOR PVC PIPE AND HAVE A MALLEABLE IRON HANDWHEEL. GATE VALVES 3" THROUGH 16" IN DIAMETER SHALL BE RESILIENT SEAT AND BIDIRECTIONAL FLOW ONLY. VALVES FOR SPECIAL APPLICATIONS WILL REQUIRE CITY UTILITY APPROVAL.
- 9. VALVE BOXES AND COVERS FOR ALL SIZE VALVES SHALL BE OF CAST IRON CONSTRUCTION AND ADJUSTABLE SCREW-ON TYPE. THE LID SHALL HAVE CAST IN THE METAL THE WORD "WATER" FOR THE WATER LINES. ALL VALVE BOXES SHALL BE SIX INCH (6") NOMINAL DIAMETER AND SHALL BE SUITABLE FOR DEPTHS OF THE PARTICULAR VALVE. THE STEM OF THE BURIED VALVE SHALL BE WITHIN TWENTY-FOUR INCHES (24") OF THE FINISHED GRADE UNLESS OTHERWISE APPROVED BY THE CITY.
- 10. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.

ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM WATER SYSTEM NOTES DRAWING NO. W-01
APPROVED: XXX

WATER SYSTEM NOTES (CONTINUED):

- 11. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
- 12. ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C900 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 350, WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
- 13. FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS, WITH 350 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
- 14. ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- 15. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- 16. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
- 17. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC).
- 18. MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'.
- 19. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURES RECOMMENDATION (MAXIMUM) WHERE DEFLECTION IS REQUIRED.
- 20. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- 21. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBA IRON INC., MEGALUG OR APPROVED EQUAL JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING.
- 22. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONAL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM WATER SYSTEM NOTES DRAWING NO. W-02
APPROVED: XXX

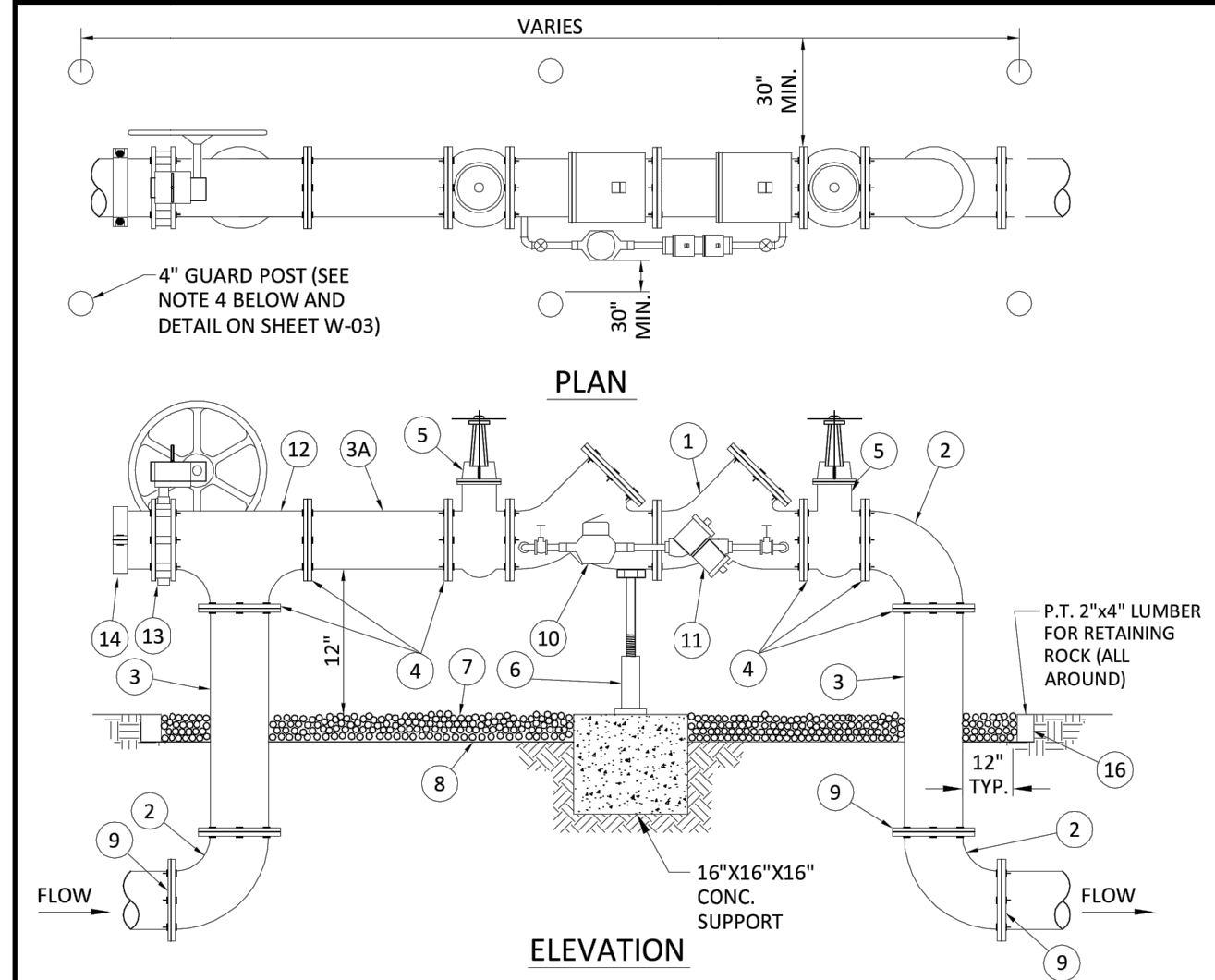


MATERIALS

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2"x4" LUMBER ALL AROUND

- NOTES:
- 1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
 - 2. ALL PIPING SHALL BE D.I.P. CL 50/S2 AS APPLICABLE TO MINIMUM STANDARDS.
 - 3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
 - 4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.
 - 5. MAY USE 45° BENDS (SEE DETAIL W-07.2) WHEN WORKING AREA IS NOT LIMITED, AS DIRECTED BY CITY.
 - 6. GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING.

ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SPRINKLER SERVICE (90° BENDS) DRAWING NO. W-03
APPROVED: XXX

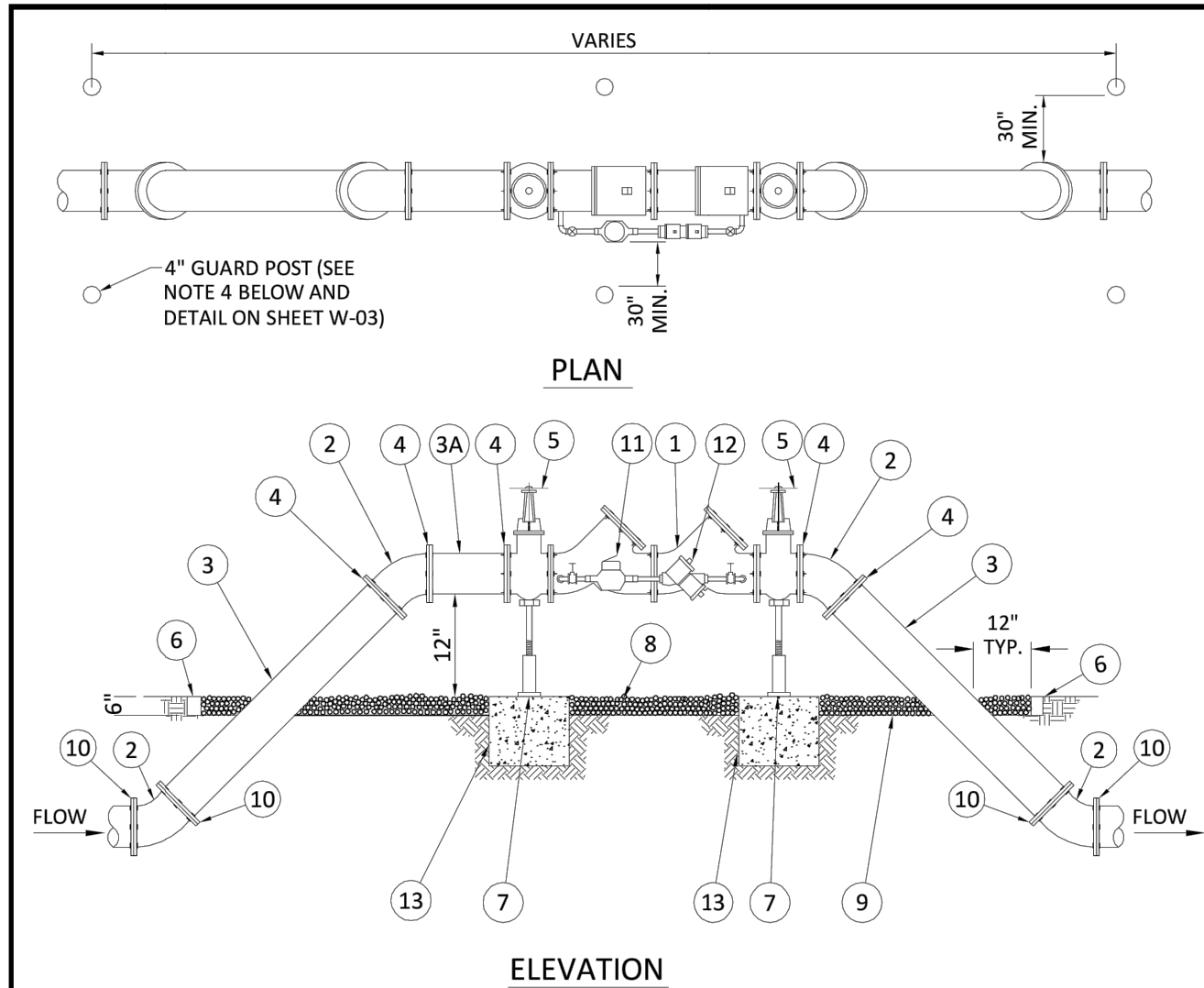


MATERIALS

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
2	4	4", 6", 8" BEND-90°	9	4	RESTRAINED JOINTS
3	2	4", 6", 8" D.I.P. SPOOL PIECE	10	1	LOW FLOW METER
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	11	1	VALVE, BYPASS DOUBLE CHECK
4	10	4", 6", 8" FLANGE, D.I.P.	12	1	4", 6", 8" TEE
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	13	1	4", 6", 8" BUTTERFLY VALVE (SUPERVISED CLOSED), CHAINED AND LOCKED
6	1	SCREW JACK/ANCHORED	14	1	4", 6", 8" CAP
7	N/A	PEA GRAVEL (4" DEEP)			

- NOTES:
- 1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
 - 2. ALL PIPING SHALL BE D.I.P. CL 50/S2 AS APPLICABLE TO MINIMUM STANDARDS.
 - 3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
 - 4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.
 - 5. MAY USE 45° BENDS (SEE DETAIL W-05) WHEN WORKING AREA IS NOT LIMITED, AS DIRECTED BY CITY.
 - 6. GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING.

ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR FOR FIRE SPRINKLER SERVICE W/B.V. CONNECTION (90° BENDS) DRAWING NO. W-04
APPROVED: XXX

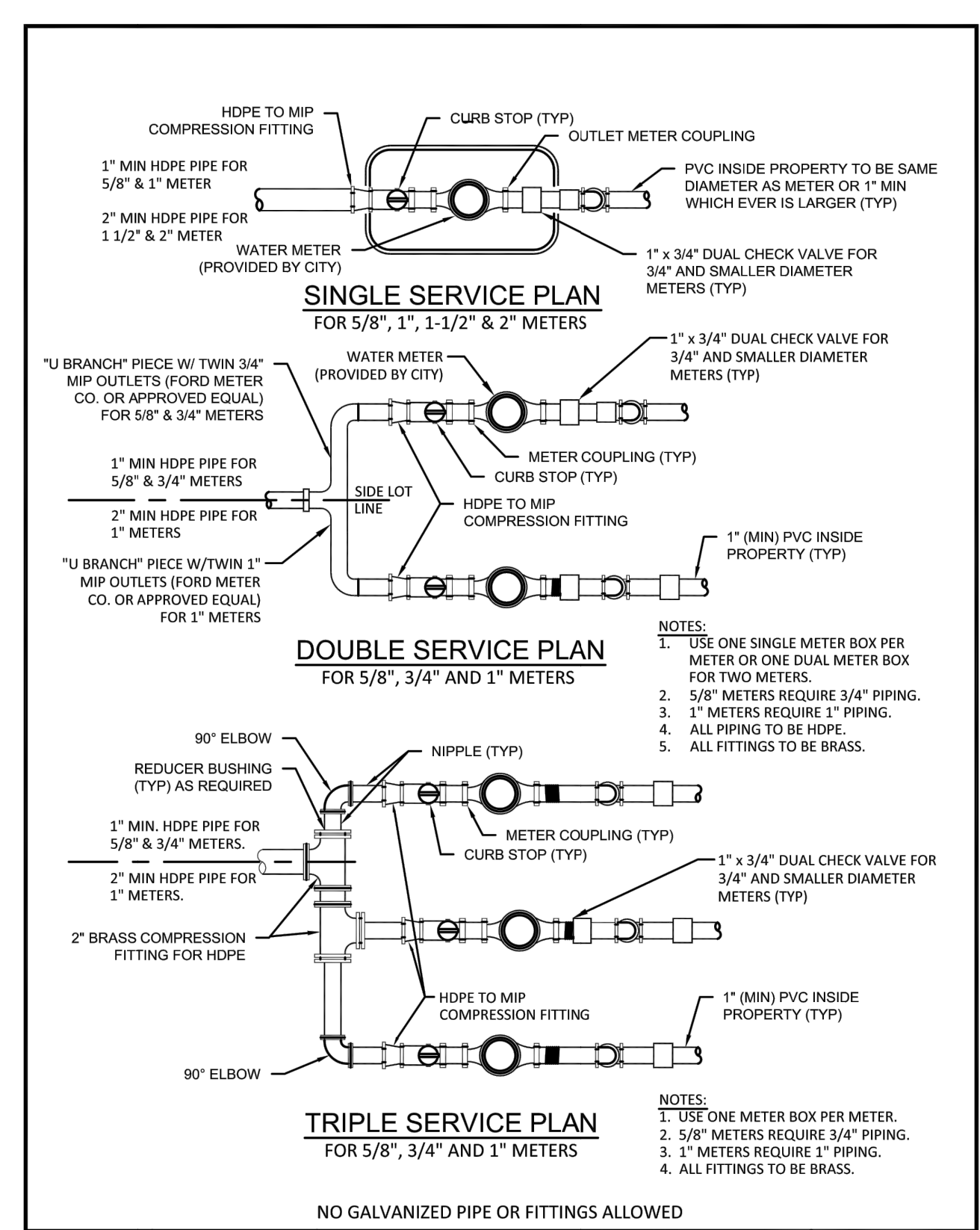


MATERIALS

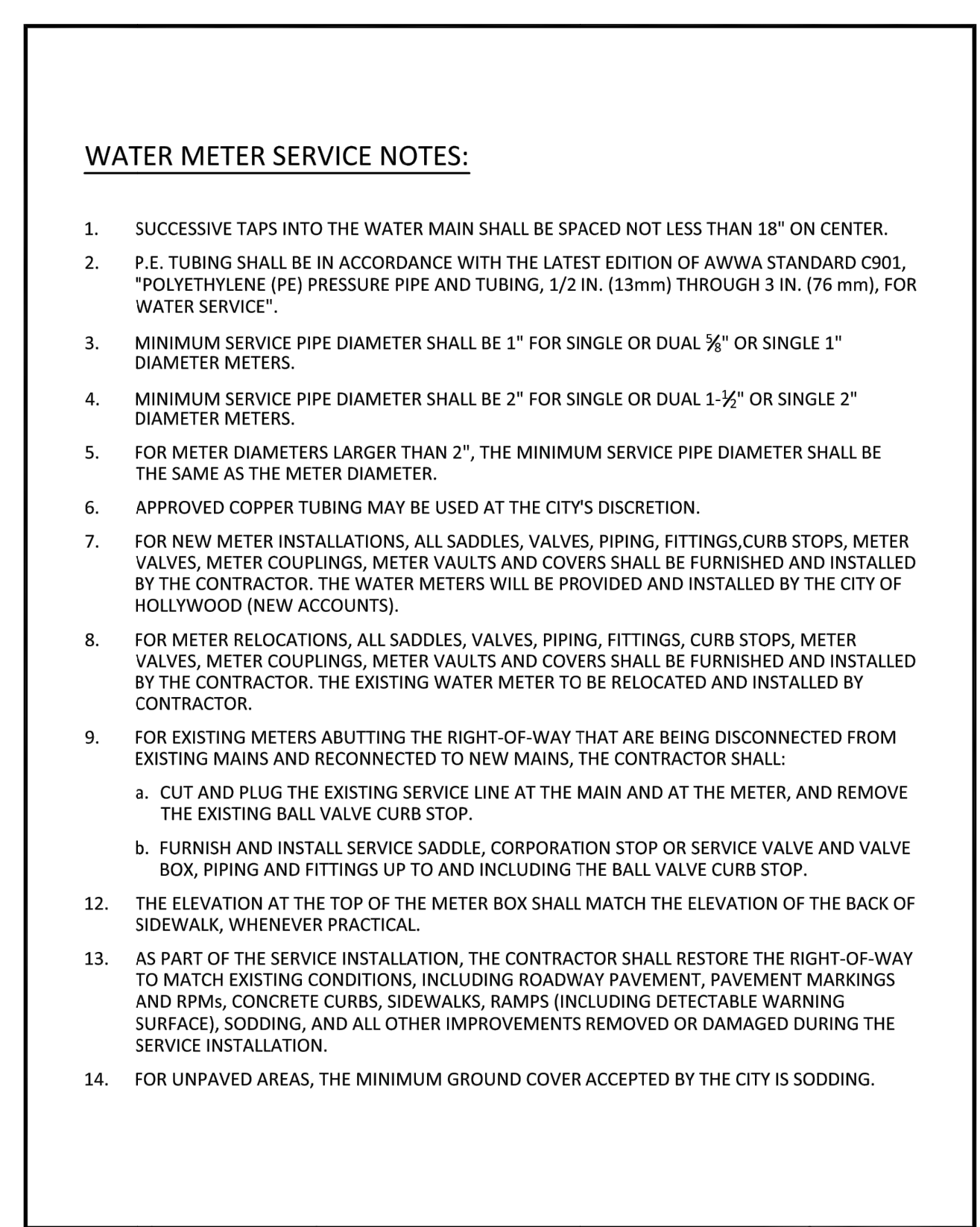
ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	2	SCREW JACK/ANCHORED
2	4	4", 6", 8" BEND-45°	8	N/A	PEA GRAVEL (4" DEEP)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	4	RESTRAINED JOINTS
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	LOW FLOW METER
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	VALVE, BYPASS DOUBLE CHECK
6	2	P.T. 2"x4" LUMBER (ALL AROUND)	13	1	16"x16"x16" CONC. SUPPORT

- NOTES:
- 1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
 - 2. ALL PIPING SHALL BE D.I.P. CL 50/S2 AS APPLICABLE TO MINIMUM STANDARDS.
 - 3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
 - 4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.
 - 5. MAY USE 90° BENDS (SEE DETAIL W-03) WHEN WORKING AREA IS LIMITED.
 - 6. GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING.

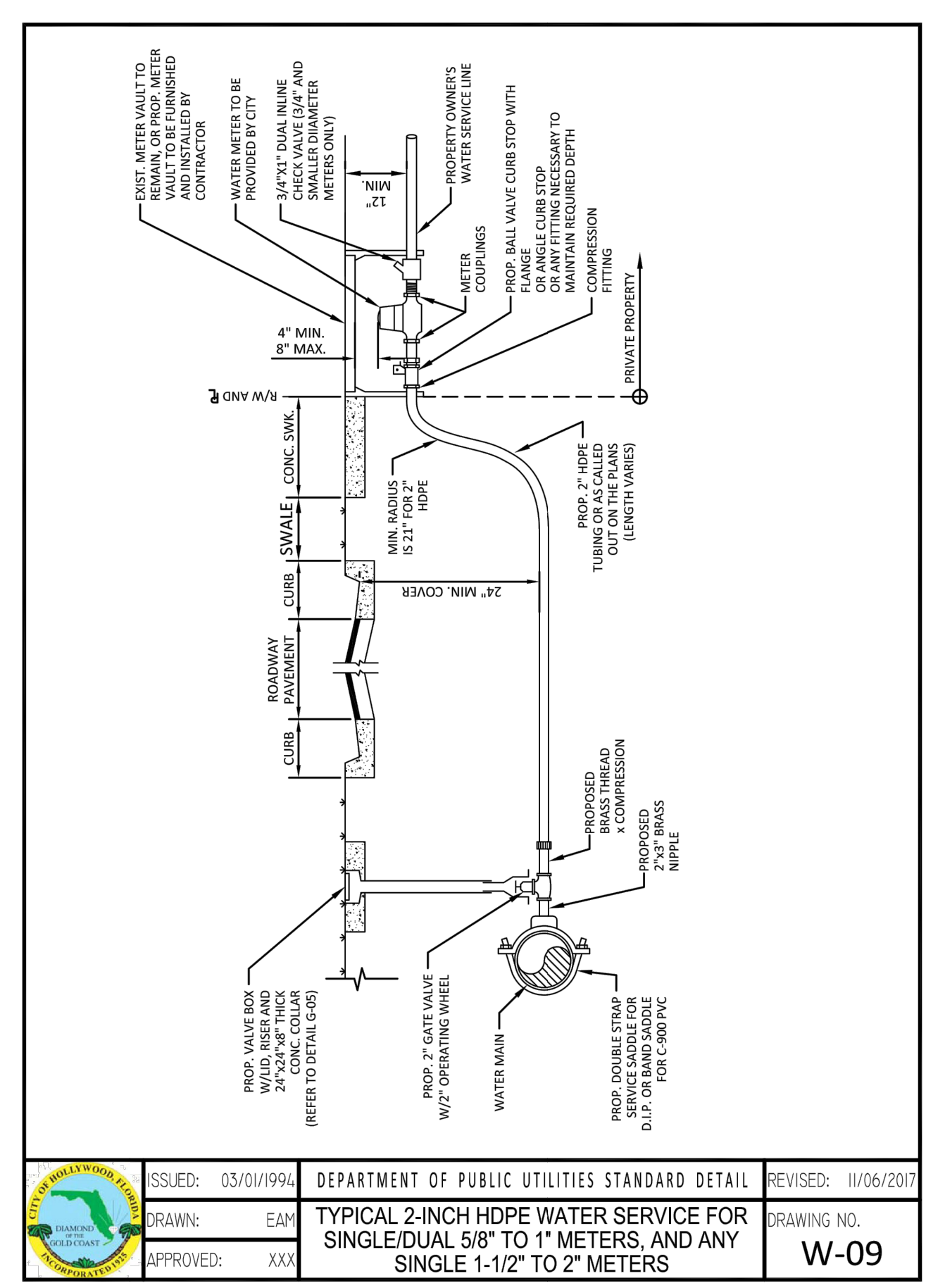
ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SPRINKLER SERVICE (45° BENDS) DRAWING NO. W-05
APPROVED: XXX



ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 11/06/2017
DRAWN: EAM TYPICAL 5/8", 1", 1-1/2" AND 2" METER INSTALLATION DRAWING NO. W-06
APPROVED: XXX



ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 11/06/2017
DRAWN: EAM WATER METER SERVICE NOTES FOR 5/8" THROUGH 2" METERS DRAWING NO. W-07
APPROVED: XXX



ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 11/06/2017
DRAWN: EAM TYPICAL 2-INCH HDPE WATER SERVICE FOR SINGLE/DUAL 5/8" TO 1" METERS, AND ANY SINGLE 1-1/2" TO 2" METERS DRAWING NO. W-09
APPROVED: XXX

REVISIONS

NO.	DATE	BY

Kimley»Horn
© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

Digitally signed by GREGORY D. WILFONG
DN: cn=GREGORY D. WILFONG, o=KIMLEY-HORN AND ASSOCIATES, email=ggregory@kimley-horn.com, c=US
Date: 2024.09.13 04:00
No. 63166
STATE OF FLORIDA
PROFESSIONAL ENGINEER

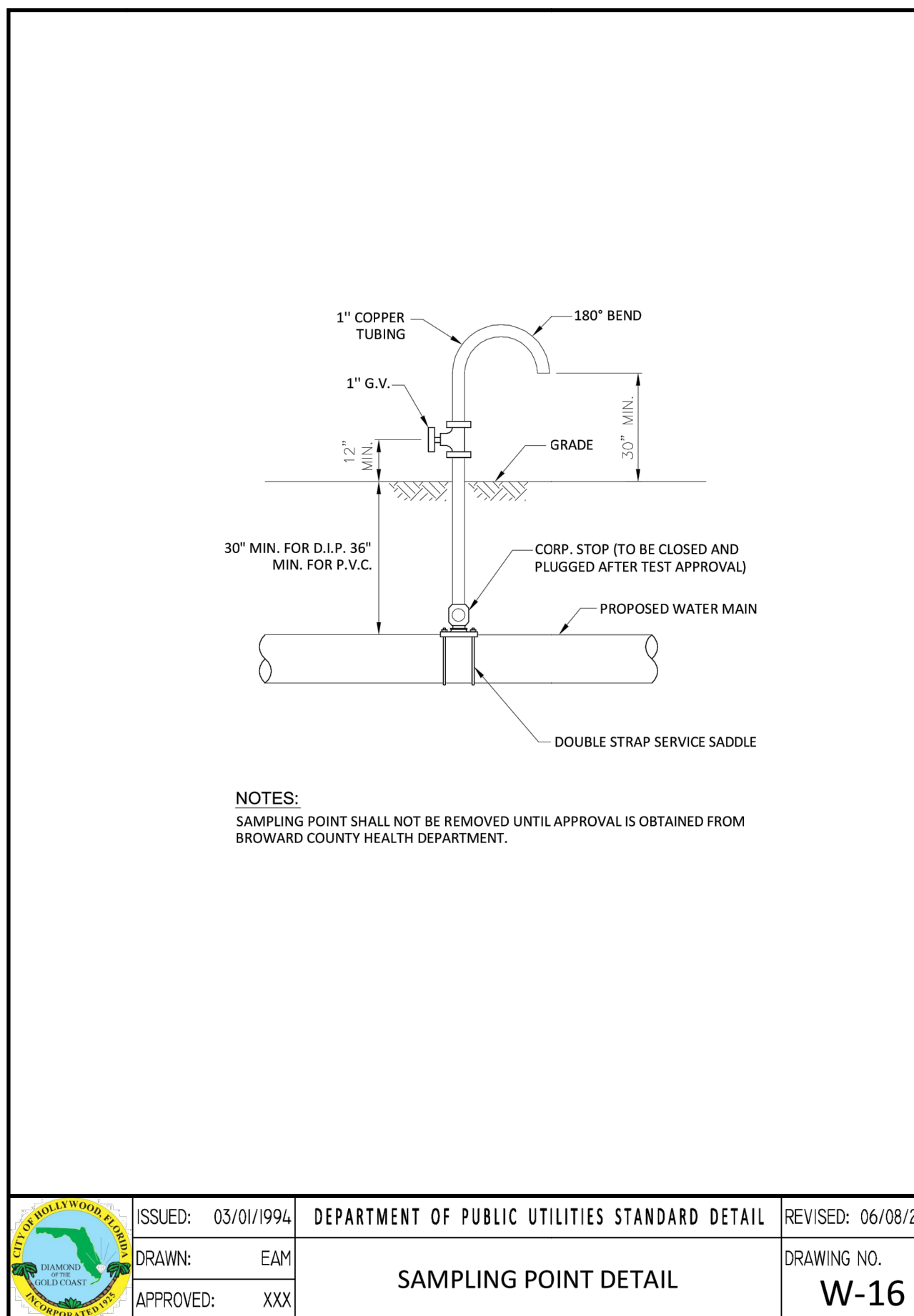
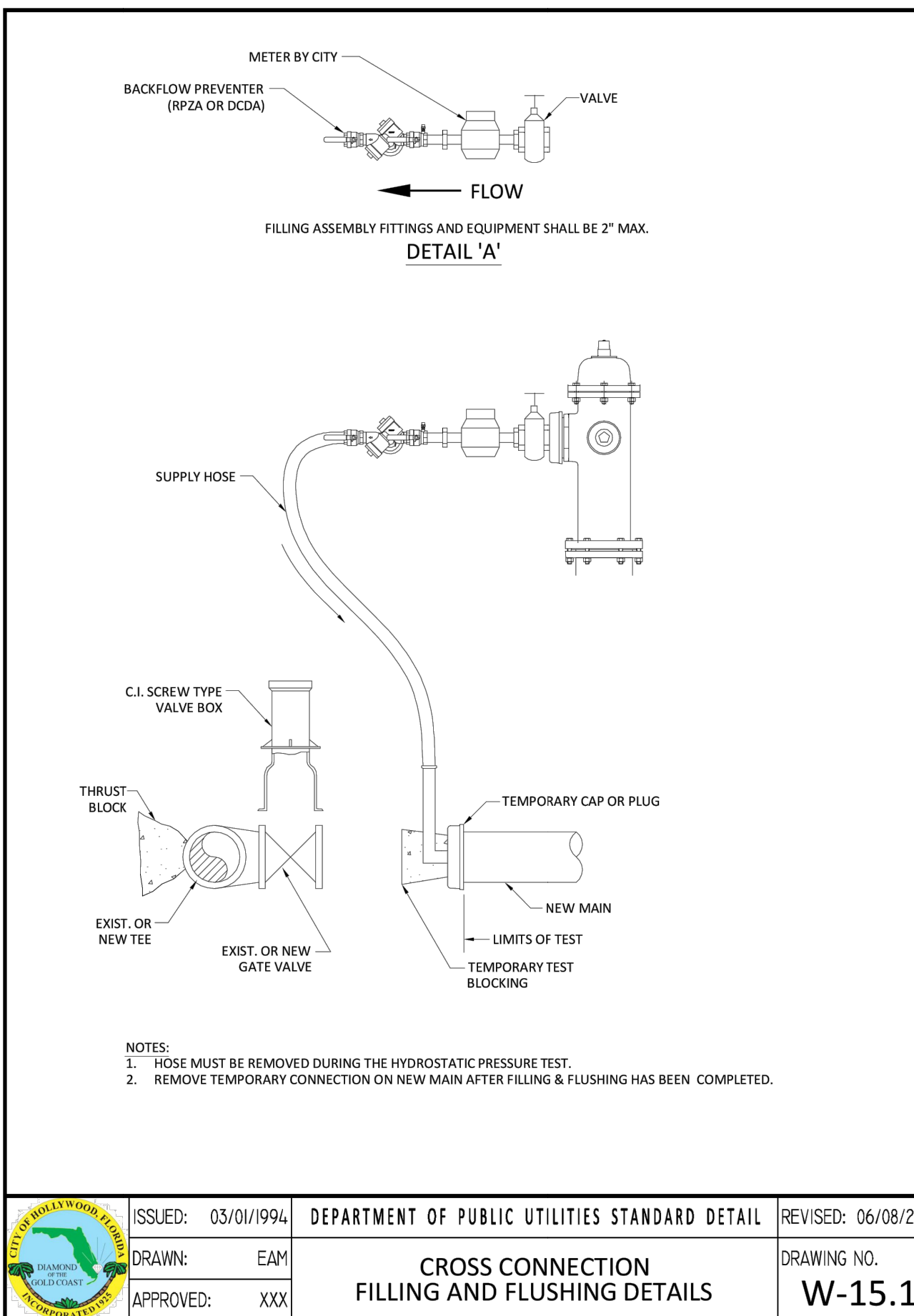
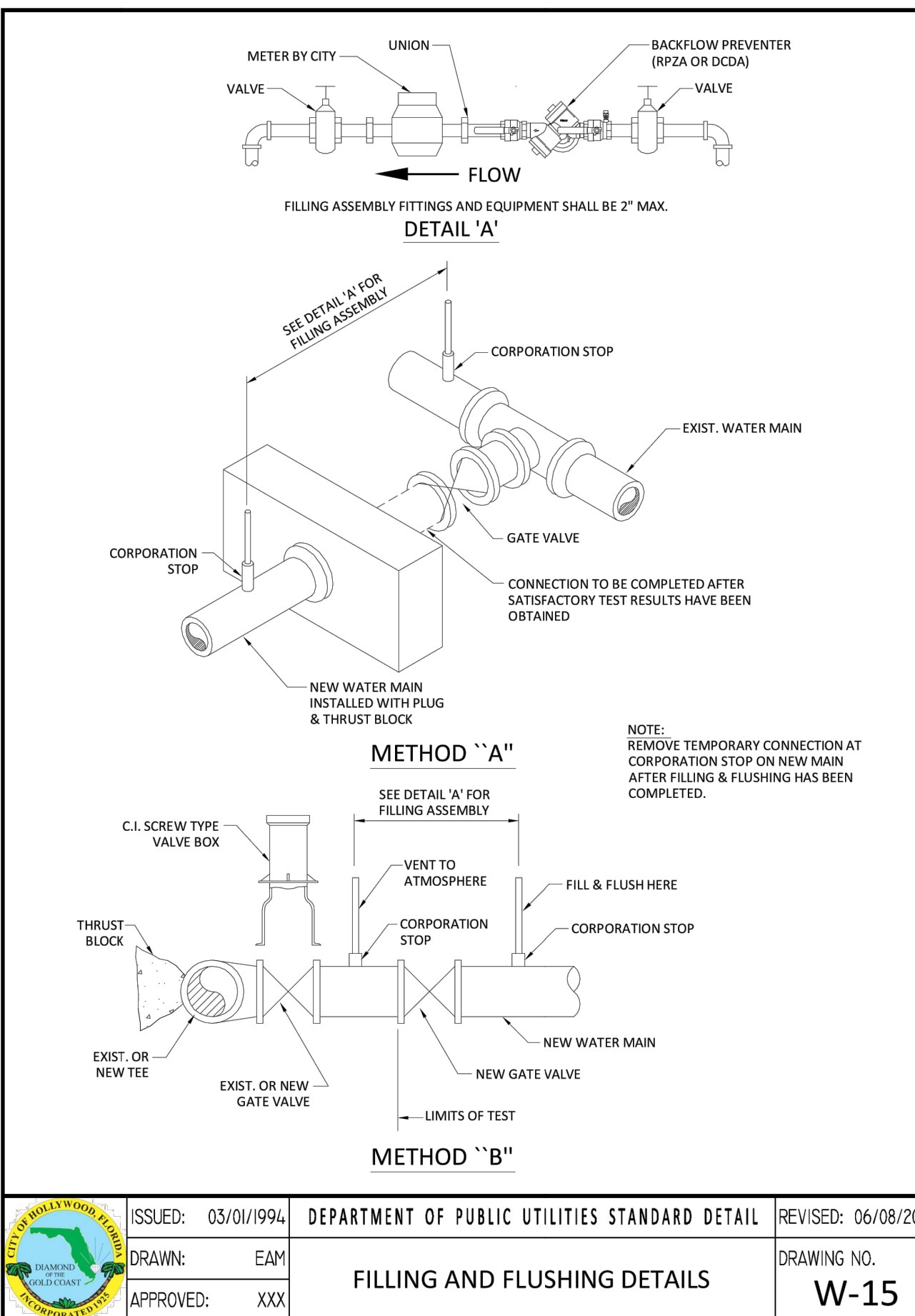
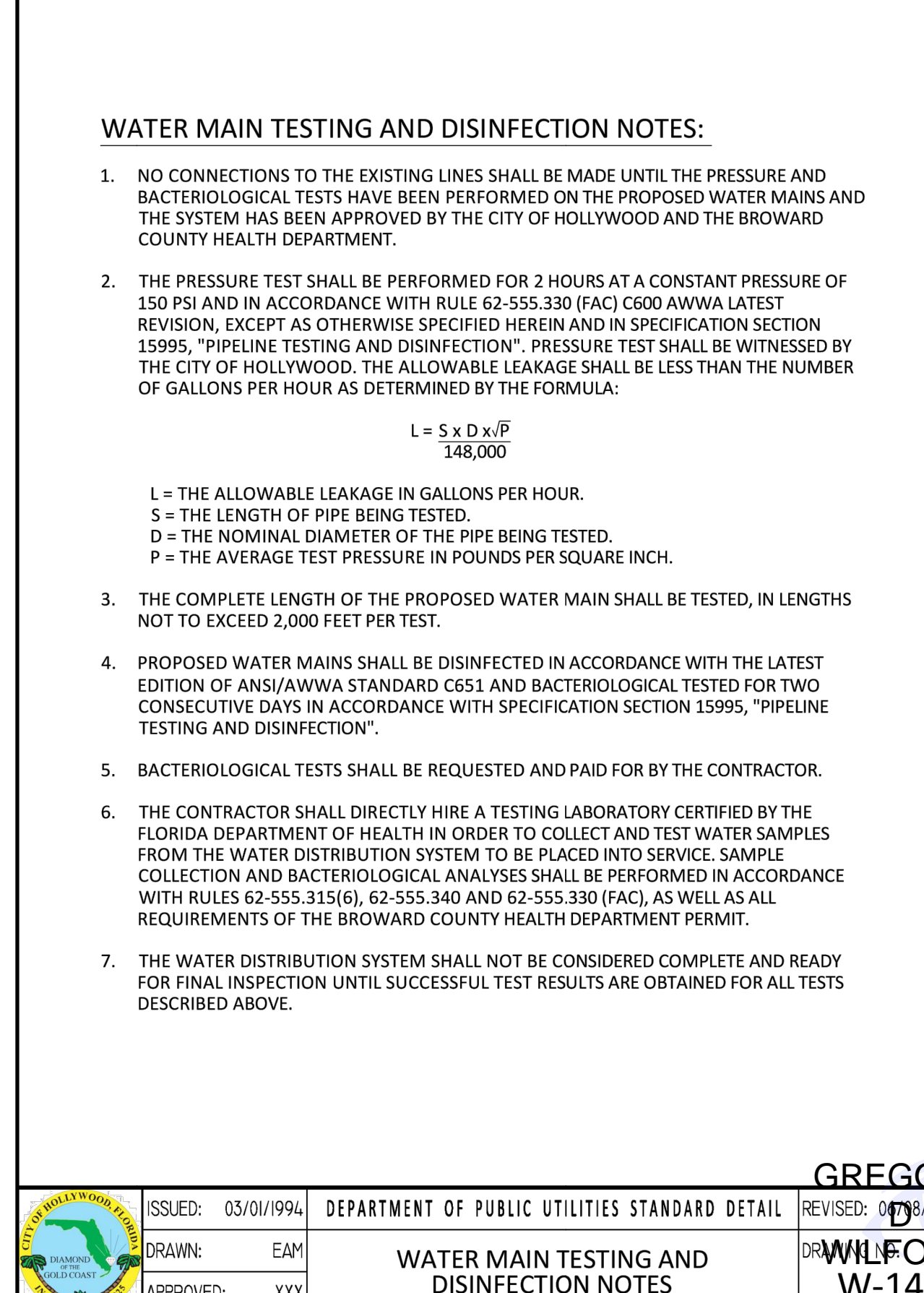
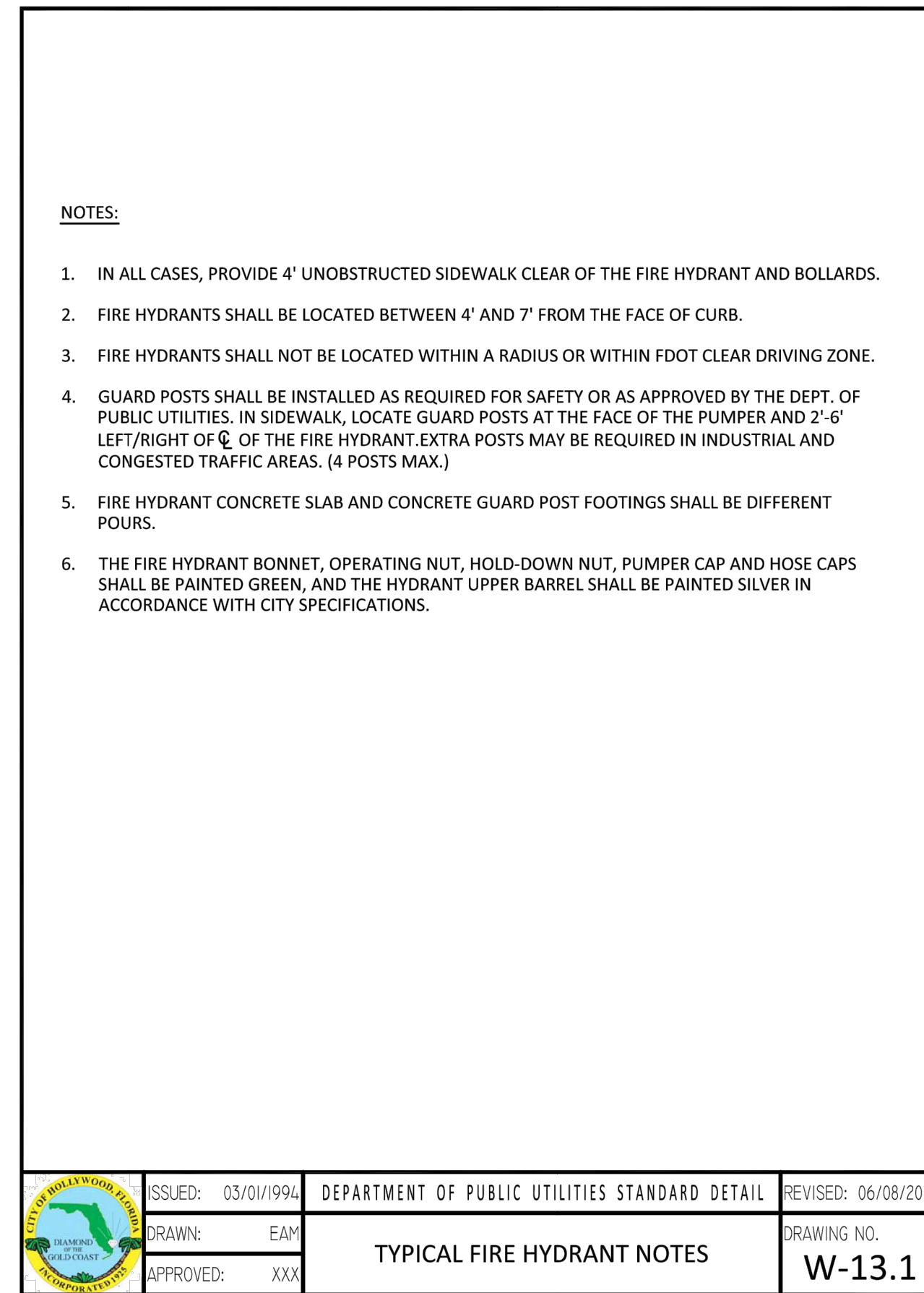
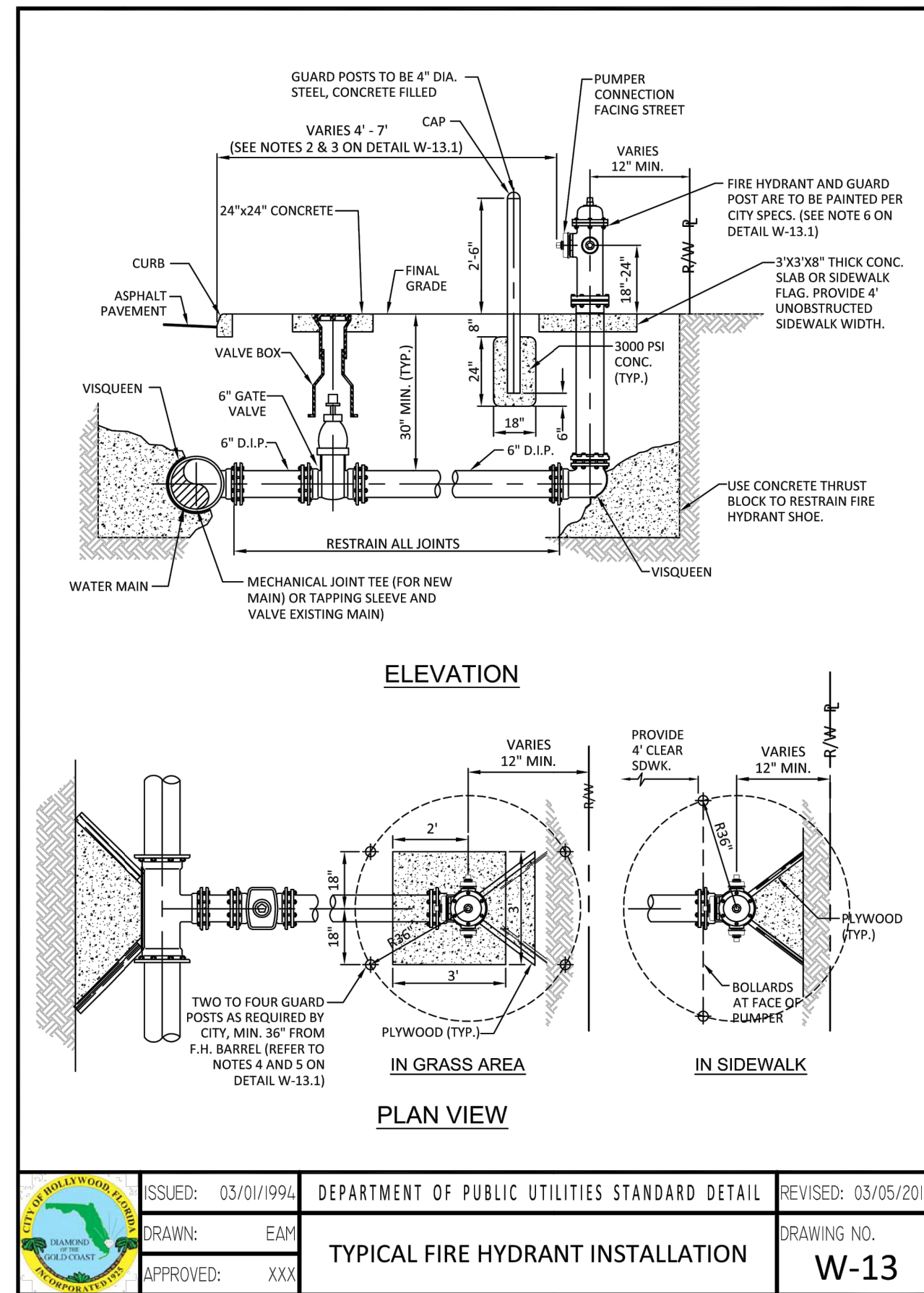
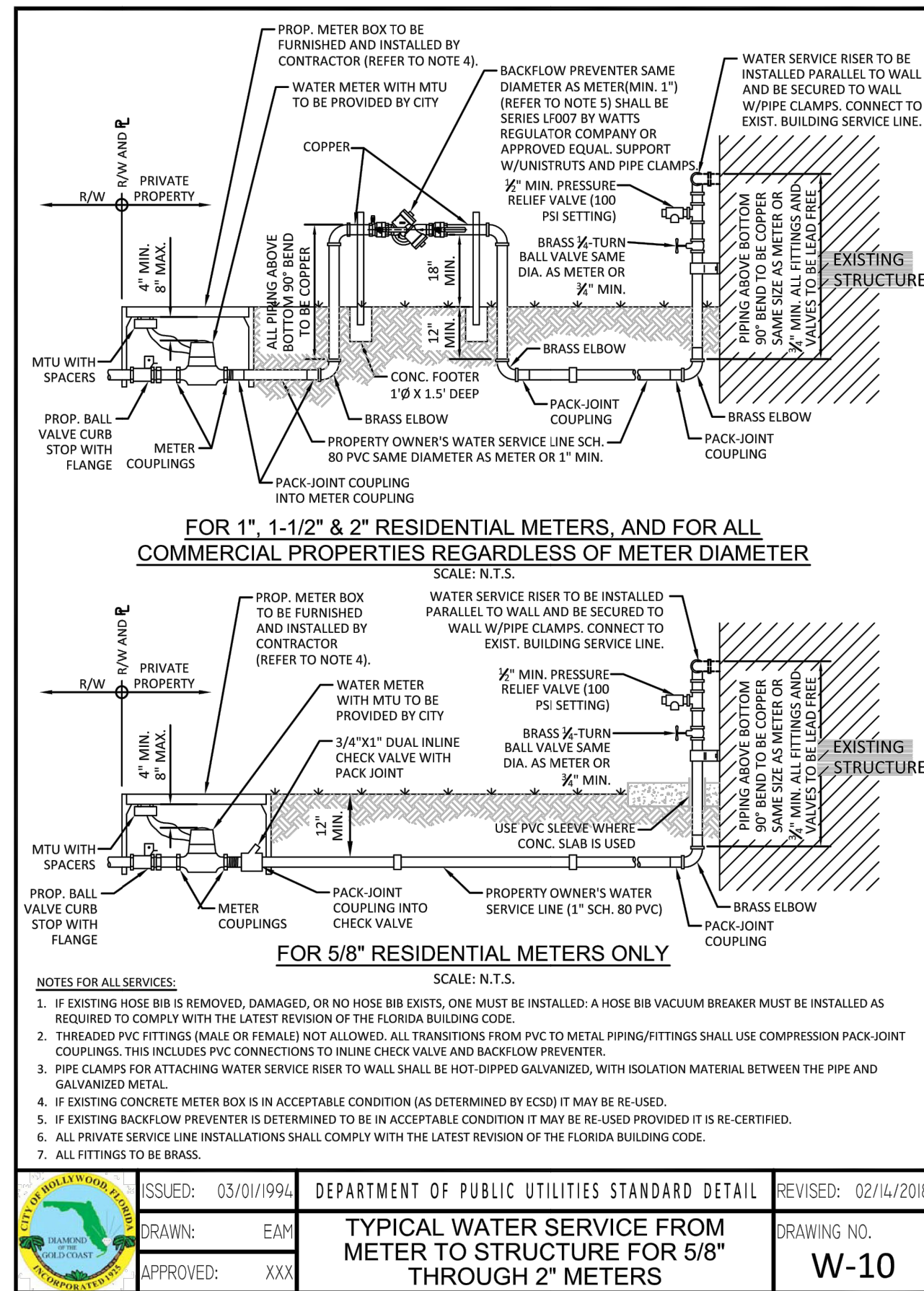
KHA PROJECT 147507151
DATE 9/3/2024
SCALE AS SHOWN
DESIGNED BY SHB
DRAWN BY SHB
CHECKED BY GDW

UTILITY DETAILS

OAKWOOD SOUTH RETAIL SHOPPING CENTER
CITY OF HOLLYWOOD
SHEET NUMBER C-408

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GREGORY D. WILFONG, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE DIGITAL SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

This document, together with the concepts and designs presented herein, is 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.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GREGORY D. WILFONG, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED HEREON. THIS DOCUMENT IS NOT CONSIDERED SIGNED AND SEALED AND THE DIGITAL SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	REVISIONS	DATE	BY

Kimley»Horn

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

GREGORY D. WILFONG
No. 63166
STATE OF FLORIDA
PROFESSIONAL ENGINEER

KHA PROJECT	147/507151
DATE	9/3/2024
SCALE	AS SHOWN
DESIGNED BY	SHB
DRAWN BY	SHB
CHECKED BY	GDW

UTILITY DETAILS

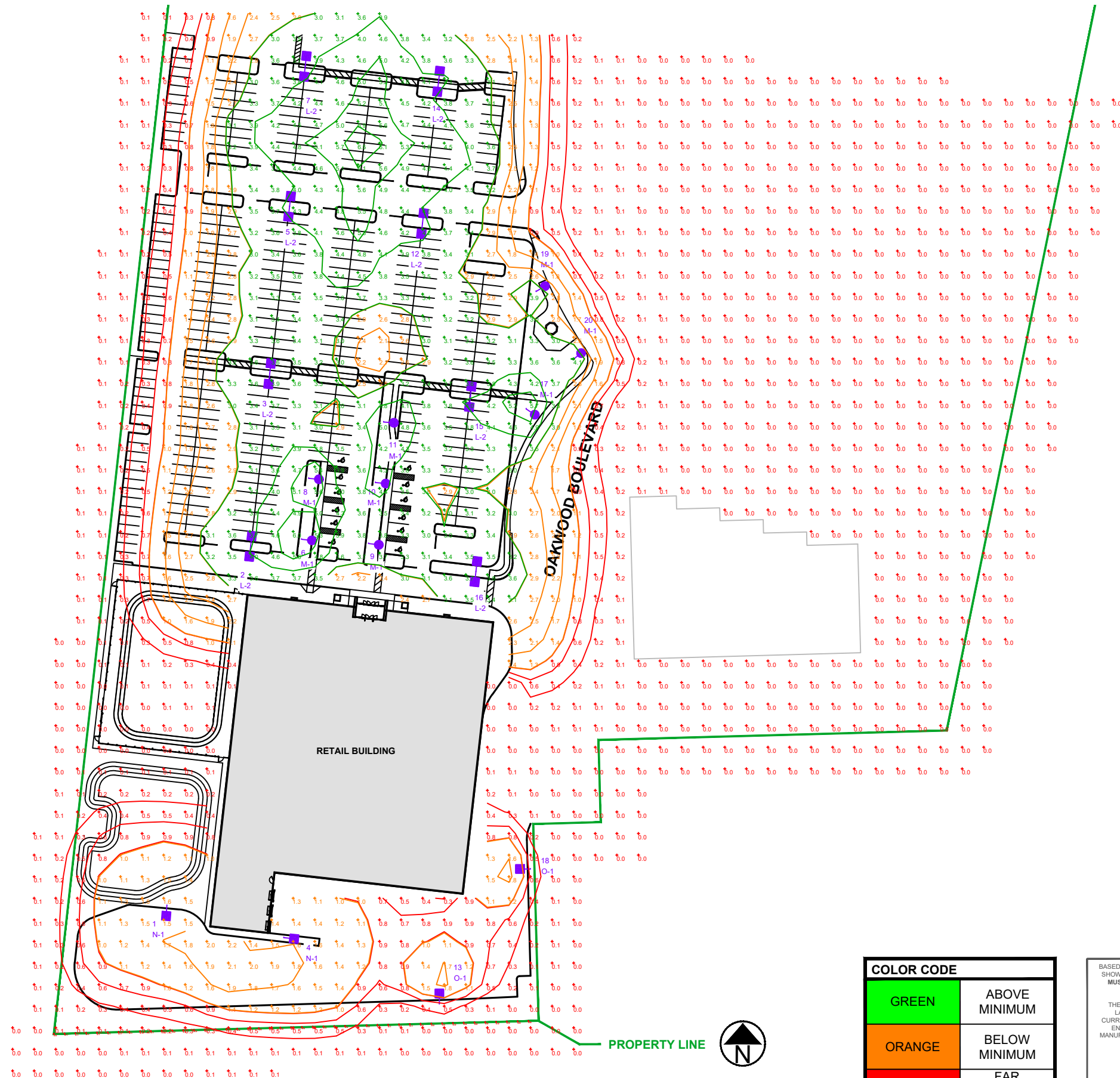
OAKWOOD SOUTH RETAIL SHOPPING CENTER

CITY OF HOLLYWOOD FL

SHEET NUMBER
C-409

OAKWOOD PLAZA SOUTH PROPOSED PHOTOMETRIC PLAN

SCALE: NTS



COLOR CODE	
GREEN	ABOVE MINIMUM
ORANGE	BELOW MINIMUM
RED	FAR BELOW MINIMUM

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:
On-Site Lighting & Survey, LLC
 PH: 763.684.1548

On-Site Lighting & Survey, LLC

1111 HIGHWAY 25 NORTH
 SUITE 201
 BUFFALO MN 55313
 PH: 763.684.1548
 FAX: 763.682.9048



OAKWOOD PLAZA SOUTH
 2910 OAKWOOD BLVD
 HOLLYWOOD, FL 33020

PROJECT # **111500**

#	DATE	INIT	DESCRIPTION
1	07.09.2024	DMW	LANDSCAPING CONFLICTS

PROPOSED PHOTOMETRIC PLAN

DESIGN LEVEL **3**

AGI **D.M.WARZECKA**

CAD **D.M.WARZECKA**

SHEET# **SL200** REV # **1**

OAKWOOD PLAZA SOUTH PROPOSED SCHEDULES

On-Site Lighting & Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO MN 55313

PH:763.684.1548
FAX:763.682.9048



OAKWOOD PLAZA SOUTH

2910 OAKWOOD BLVD
HOLLYWOOD, FL 33020

ENGINEER INFO

ENGINEER SEAL

#	DATE	INIT	DESCRIPTION
1	07.09.2024	DMW	LANDSCAPING CONFLICTS

PROPOSED SCHEDULES

PROJECT #
111500

DESIGN LEVEL
07.02.2024

AGI
3

CAD
D.M.WARZECKA

SHEET#
D.M.WARZECKA

REV#
SL201 1

Label	Area	Total Watts	LPD	Perimeter
MAIN PARKING	114110	5071	0.044	1884

Label	Avg	Max	Min	Avg/Min	Max/Min	# Pts	%PtsRange
ALL CALC POINTS AT GRADE	1.07	6.5	0.0	N.A.	N.A.	1743	N.A.
PROPERTY LINE - RESIDENTIAL	0.20	0.5	0.0	N.A.	N.A.	45	N.A.
MAIN PARKING	3.62	6.5	1.5	2.41	4.33	283	79.9

GREEN	ABOVE MINIMUM
ORANGE	BELOW MINIMUM
RED	FAR BELOW MINIMUM

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:
On-Site Lighting & Survey, LLC
PH: 763.684.1548

Symbol	Qty	Label	Arrangement	LLF	Description	BUG Rating
	8	L-2	Back-Back	0.900	NEW POLE AND AREA FIXT 339W LED T5LS 40'-0 MTG HT (4000K/47005 LUMENS) VISIONAIRE VMX-II_T5LS_45L_4K	B5-U0-G4
	8	M-1	Single	0.900	NEW POLE AND AREA FIXTURE 65W LED T5LS 15'-0 MTG HT (4000K/9719 LUMENS) VISIONAIRE ODN-1_T5LS_10L_4K	B4-U0-G2
	2	N-1	Single	0.900	NEW POLE AND AREA FIXT 277W LED T5LS 40'-0 MTG HT (4000K/40771 LUMENS) VISIONAIRE VMX-II_T5LS_40L_4K	B5-U0-G4
	2	O-1	Single	0.900	NEW POLE AND AREA FIXT 277W LED T5LS HS 40'-0 MTG HT (4000K/11292 LUMENS) VISIONAIRE VMX-II_T5LS_40L_4K_HS	B1-U0-G2