

Prepared by: RETURN:  
City Attorney's Office  
200 N.W. 1st Avenue  
Delray Beach, Florida 33444

PCN 12-43-46-21-00-001-0080  
Address: 701 South Ocean Boulevard, Delray Beach

**HOLD HARMLESS AGREEMENT FOR WORK  
PERFORMED WITHIN THE STATE RIGHT-OF-WAY**

THIS HOLD HARMLESS AGREEMENT, is entered into this \_\_\_\_ day of \_\_\_\_\_, 2022, by and between the **CITY OF DELRAY BEACH, FLORIDA**, a Florida municipal corporation of the State of Florida, whose address is 100 NW 1st Avenue, Delray Beach, Florida 33444 (hereinafter referred to as "CITY") and **701 SOUTH OCEAN LLC** whose address is 41 Southeast 5th Street Suite 200 Boca Raton, Florida 33432 (hereinafter referred to as "OWNER").

W I T N E S S E T H:

**WHEREAS**, OWNER is the owner of certain real property located on 701 S Ocean Boulevard, Delray Beach, FL, 33483 ("PROPERTY"), as more particularly described in Exhibit "A"; and

**WHEREAS**, OWNER is constructing improvements on the PROPERTY which require the installation of utilities and related improvements ("PROJECT"); and

**WHEREAS**, the PROJECT requires work to be completed within State right-of-way located at or near the PROPERTY; and

**WHEREAS**, the CITY is required to sign the permit on behalf of the OWNER to allow the installation/construction to take place in the State right-of-way; and

**WHEREAS**, the CITY is required to indemnify and hold harmless the State for the work performed by OWNER in the State right-of-way; and

**WHEREAS**, this Agreement requires OWNER to hold harmless and defend the CITY for

the work performed in the State right-of-way by the **OWNER**, its developer, contractor or agent.

**NOW, THEREFORE**, for the mutual covenants and matters set forth herein, as of the date set forth above, the parties hereby agree as follows:

1. The recitations set forth above are incorporated herein.

2. **OWNER** shall at all times indemnify and hold harmless the **CITY** and its officers, employees, agents, and instrumentalities from any and all liability, losses or damages, including attorney's fees and costs of defense, which the **CITY** or its officers, employees, agents, or instrumentalities may incur as a result of claims, demands, suits, causes of actions, or proceedings of any kind or nature arising out of, relating to, or resulting from the performance of the agreement by the **OWNER** or its employees, agents, servants, partners, principals, or subcontractors. **OWNER** shall pay all claims and losses in connection therewith, and shall investigate and defend all claims, suits, or actions of any kind or nature in the name of the **CITY**, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may be incurred thereon. **OWNER** expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by **OWNER** shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the **CITY** or its officers, employees, agents, and instrumentalities as herein provided the obligations of this section shall survive the term of this Agreement.

3. **OWNER** warrants and guarantees to the **CITY** that all work on the **PROJECT** shall be constructed in accordance with the applicable codes of the City of Delray Beach and the State of Florida. The **OWNER**'s warranty and guarantee shall remain in effect for one year from the date of final acceptance. Unremedied defects identified for correction during the warranty/guarantee period but remaining after its expiration shall be considered as part of the obligations of the guarantee and warranty. Defects in the installation or construction of the utility

improvement, which are remedied as a result of obligations of the warranty/guarantee shall subject the remedied portion of the work to an extended warranty/guarantee period of one year after the defect has been remedied. **OWNER** shall deliver this Agreement to its Surety. The Surety shall be bound with and for the **OWNER** in the **OWNER's** faithful observance of the guarantee.

4. **OWNER** shall supervise and direct the installation and construction of the utilities and related improvements, applying such skills and expertise as may be necessary to perform the work in accordance with the approved engineering plans. **OWNER** shall be solely responsible for the means, methods, techniques, sequences and procedures of the construction and installation of the utilities and related improvements.

5. **OWNER** agrees to include the following terms in any contract entered into between **OWNER** and any developer, contractor, or agent selected by **OWNER** to perform any work required by this Agreement: (i) The contractor agrees to protect, defend, indemnify, and hold harmless the City of Delray Beach, its officers, employees, and agents from and against any and all lawsuits, penalties, damages, settlements, judgments, decrees, costs, charges, and other expenses or liabilities of every kind, including court costs, reasonable attorney's fees, at both the trial and appellate levels in connection with or arising directly out of the work agreed to be performed herein, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of contractor, its employees, servants, agents, and subcontractors. Without limiting the foregoing, any and all such claims, suits, etc., relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged infringement of any patent, trademark, copyright or of any other tangible or intangible personal or property right, or any actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation or decree of any court, is included in the indemnity. Contractor further agrees to investigate, handle, respond to, provide defense for, and defend any such claims, etc., at his sole expense and agrees to bear all other costs

and expenses related thereto, even if the claim(s) is groundless, false, or fraudulent, and (ii) The parties recognize that various provisions of this Agreement, including but not necessarily limited to this Section, provide for indemnification by the contractor and that Section 725.06, Florida Statutes, requires a specific consideration be given thereof. The parties therefore agree that the sum of Ten Dollars and 00/100 (\$10.00), receipt of which is hereby acknowledged, is the specific consideration for such indemnities, and the providing of such indemnities is deemed to be part of the specifications with respect to the services to be provided by contractor. Furthermore, the parties understand and agree that the covenants and representations relating to this indemnification provision shall survive the term of this Agreement and continue in full force and effect as to the party's responsibility to indemnify.

6. Any claims, lawsuits or disputes that may arise under this Agreement shall be governed by the Laws of Florida, with venue in Palm Beach County, Florida.

7. This Agreement constitutes the entire agreement and understanding of the parties, as it pertains to the installation or maintenance of the utilities and related improvements. There are no representations or understandings of any kind not set forth herein. Any amendments to this Agreement must be in writing and executed by both parties.

8. **OWNER**, its developer, contractor, or agent shall maintain worker's compensation insurance in an amount required by law and general liability insurance in the amount of one million dollars (\$1,000,000.00) governing bodily injury and property damage in standard form, insuring **CITY** and the State as additional named insureds. **OWNER** its developer, contractor, or agent shall provide this information to the **CITY** on a Certificate of Insurance, that is acceptable to the **CITY**, prior to commencing installation or construction.

9. The **CITY** hereby reserves the right to enforce this Agreement by pursuing any and all remedies provided by law or in equity. All of the remedies available to the **CITY** shall be

cumulative, and the **CITY'S** election to pursue any remedy shall not preclude the **CITY** for then or later pursuing any one or more other remedies.

10. **OWNER** shall be bound by all the terms and conditions found in the Permit Agreement between the **CITY** and the State for this project and attached hereto as Exhibit "B".

11. This agreement shall not be valid unless signed by the City's Mayor and City Clerk.

12. Any notice or communication under this Agreement shall be in writing and may be given by registered or certified mail. If given by registered or certified mail, the notice or communication shall be deemed to have been given and received when deposited in the United States Mail, properly addressed, with postage prepaid. If given otherwise, then by registered or certified mail, it should be deemed to have been given when delivered to and received by the party to whom it is addressed. The notices and communication shall be given to the particular parties at the following addresses:

City:           City Manager  
                  City of Delray Beach  
                  100 N.W. 1st Avenue  
                  Delray Beach, Florida 33444

Owner:          701 South Ocean LLC  
                  41 Southeast 5th Street, Suite 200  
                  Boca Raton, Florida 33432-5558

Either party may at any time by giving ten (10) days written notice designate any other person or entity or any other address in substitution of the foregoing to which the notice or communication shall be given.

IN WITNESS WHEREOF, the City and the Owner executed this Agreement as of the day and year first above written.

ATTEST:

## CITY OF DELRAY BEACH

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Katerri Johnson, City Clerk

By: \_\_\_\_\_

Approved as to form and legal sufficiency:

Lynn Gelin, City Attorney

WITNESSES.

*Al*

Signature

Leslie Anne Romero Becker

Print Name

E. B. Eber  
Signature

Signature Elizabeth Goldberg

Print Name

MARK TIMOTHY, INC., AS MANAGER  
OF 701 SOUTH OCEAN, LLC

By:

Name: George Bariso

Its' Manager

Date: 12/8/2022

STATE OF FLORIDA

COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization, this 8 day of Dec, 2020, by George Bariso (name of person), as Manager (type of authority) for Mark Timothy, Inc., as Manager of 701 South Ocean, LLC (name of party on behalf of whom instrument was executed).

Personally known  OR Produced Identification  
Type of Identification Produced \_\_\_\_\_



Elizabeth Goldberg  
Comm. #HH081607  
Expires: April 26, 2025  
Bonded Thru Aaron Notary

  
Notary Public – State of Florida

**Attachment A**  
**Legal Description**

### **Legal Description**

**A Tract of Land in Section 21, Township 46 South, Range 43 East, Palm Beach County, Florida, more particularly described as follows:**

**All that part of the South 120 feet of the North 1,055 feet of said Section 21, which is bounded on the West by the Easterly boundary line of the right of way of State Road No. 140, known as State Road A-1-A, and on the East by the water of the Atlantic Ocean**

**Attachment B  
FDOT Utility Permit**

**PERMIT NO:** \_\_\_\_\_

### STATE ROAD INFORMATION

County:	Section:	State Road No:	Beginning Mile Post:	Ending Mile Post:

### APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

<u>Utility Agency/Owner (UAO)</u>		<u>Utility Builder (only applicable when the UAO is a City or County)</u>	
Name:	<u>City of Delray Beach</u>	Name:	<u>Johnson Davis Incorporated</u>
Contact Person:	<u>City of Delray Beach</u>	Contact Person:	<u>Wm. Clark C. Cryer</u>
Address:	<u>100 NW First Ave</u>	Address:	<u>604 Hillbrath Dr.</u>
City:	<u>Delray Beach</u>	City:	<u>Lantana</u>
State:	<u>FL</u>	State:	<u>FL</u>
Zip:	<u>33444</u>	Zip:	<u>33462</u>
Telephone:	<u>( 561 ) 243-7312</u> ext. _____	Telephone:	<u>( 561 ) 718-4531</u> ext. _____
Email:	<u>hadjimiryh@mydelraybeach.com</u>	Email:	<u>ccryer@johnsondavis.com</u>

### WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

The existing 1-1/2" galvanized steel water service at 710 South Ocean Boulevard, Delray Beach Florida is not of a sufficient size to support the home development and fire suppression system. Mark Timothy, Inc. has requested that Johnson-Davis inc. provide construction services for the installation of a 2" polyethylene (PE) water service and abandonment of the existing 1-1/2" service. The majority of the time will be outside of 15' off the edge of pavement, however some investigation work might be within the 2'-15' clear zone threshold.

Utility Work No: \_\_\_\_\_

Additional sheets are attached and are incorporated into this permit Yes  No

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes  No

### TRAFFIC CONTROL (TCP)

The TCP will comply with the following 600 series index(es) 602  
 A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: Wm. Clark C. Cryer Telephone ( 561 ) 718 - 4531 Email: ccryer@johnsondavis.com

### COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 06 / 27 / 2022 Depending upon permitting approval from FDOT and the City of Delray Beach

Calendar days needed to completed: 15



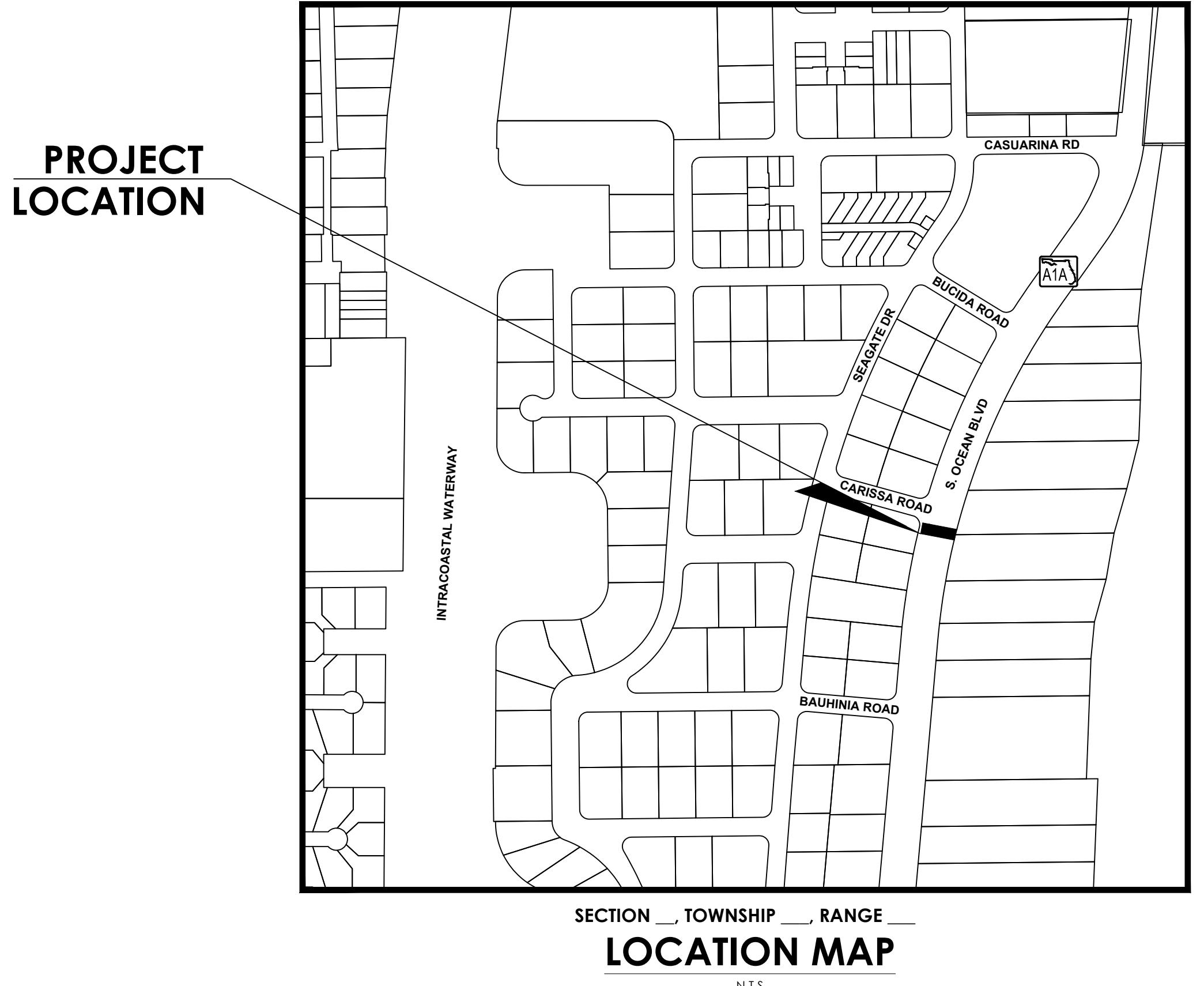
**Attachment C  
Design Plan**

# 701 S OCEAN BOULEVARD WATER SERVICE

DELRAY BEACH, FL 33483

## PERMIT SET

DATE OF ISSUE: 10/10/2022



Plot Date: 10/11/2022 12:55:42 PM Username: siohnnson Layout Name: C-1  
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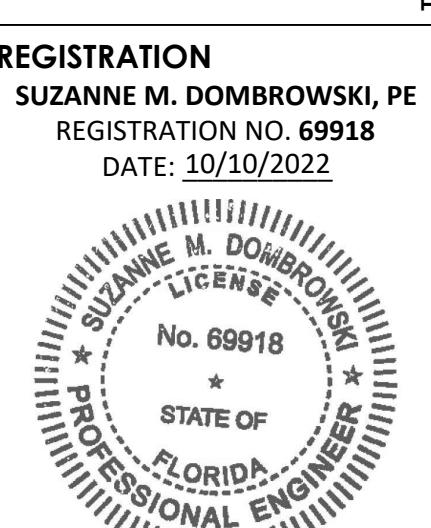


### INDEX OF DRAWINGS

SHT #	DWG #	SHEET TITLE
1	COV-1	COVER
2	GN-1	GENERAL NOTES
3	WM-1	WATER MAIN PLAN
4-5	DET-1 - DET-2	DETAILS

**cma**  
chen moore and associates

500 Australian Avenue South  
Suite 850  
West Palm Beach, FL 33401  
**561.746.6900**  
[www.chenmoore.com](http://www.chenmoore.com)



PROJECT NUMBER  
22-0438.00005

CLIENT PROJECT NUMBER

DRAWING NUMBER

**COV-1**  
1 OF 5



**REGISTRATION**  
**SUZANNE M. DOMBROWSKI, PE**  
**REGISTRATION NO. 69918**  
**DATE: 10/10/2022**



## CLIENT

# JOHNSON-DAVIS, INC.

## PROJECT INFORMATION

**701 S OCEAN  
BOULEVARD  
WATER SERVICE**

# DELRAY BEACH, FL 33483

**PROJECT NUMBER**  
22-0438.00005

## CLIENT PROJECT NUMBER

**VERIFY SCALES**  
0 |  1"  
IF NOT ONE INCH ON THIS SHEET,  
ADJUST SCALES ACCORDINGLY

**DATE OF ISSUE**  
10/10/2022

DESIGNED BY  
SD

**DRAWN BY**  
**SJ**

**CHECKED BY**  
**###**

# **DRAWING TITLE**

## **WATER MAIN PLAN**

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**DRAWING NUMBER**

**WM-1**

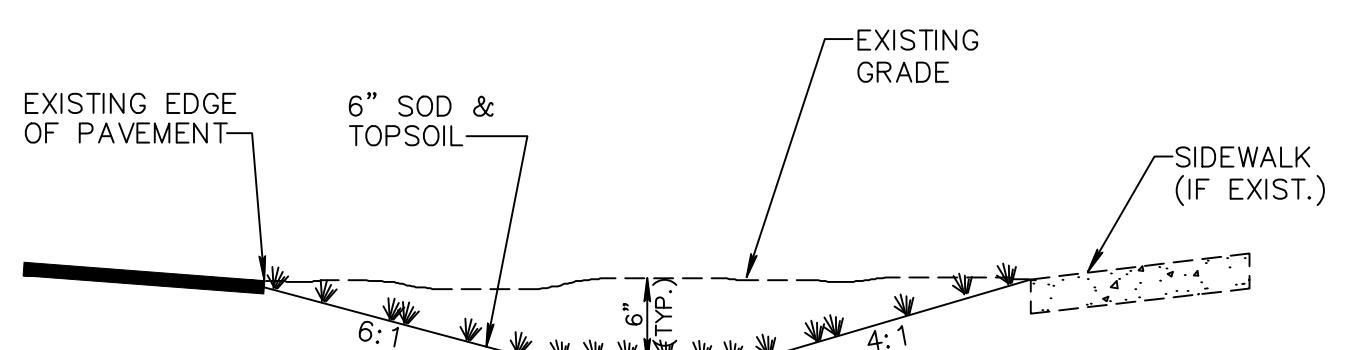
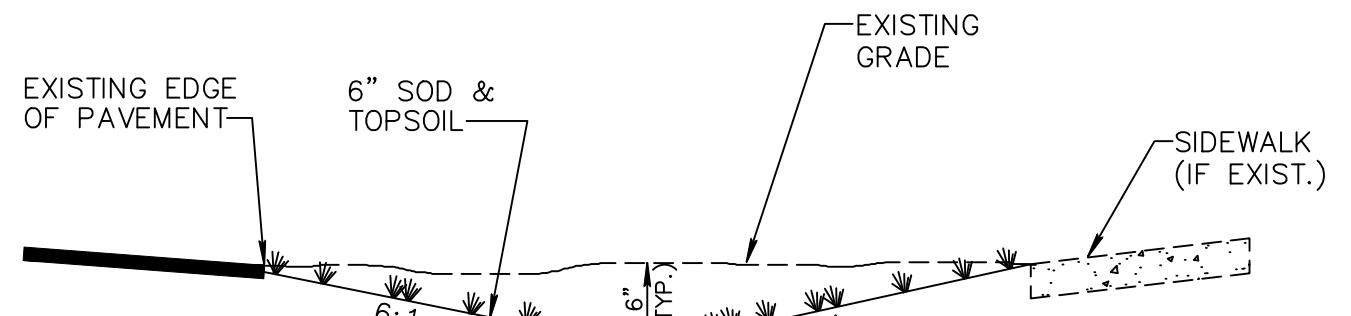
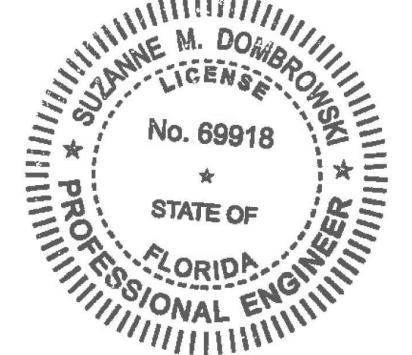
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Filename: 22-0438 00005 WM Plan and Profile.dwg



A graphic scale with a black header that reads "GRAPHIC SCALE". Below the header is a horizontal line with tick marks. The first tick mark is labeled "10" and the second is labeled "20". To the right of the "20" label is a vertical line segment ending in a horizontal line. To the right of this horizontal line is the number "40". Below the horizontal line, there are two horizontal bars: a shorter one on the left and a longer one on the right. The shorter bar is divided into four equal segments by tick marks, with the first segment being black and the other three white. The longer bar is also divided into four equal segments by tick marks, with the first two segments being black and the last two white. Below the shorter bar, the text "1 INCH" is written. Below the longer bar, the text "20 FEET" is written.

## PERMIT SET

## PERMISSIONS

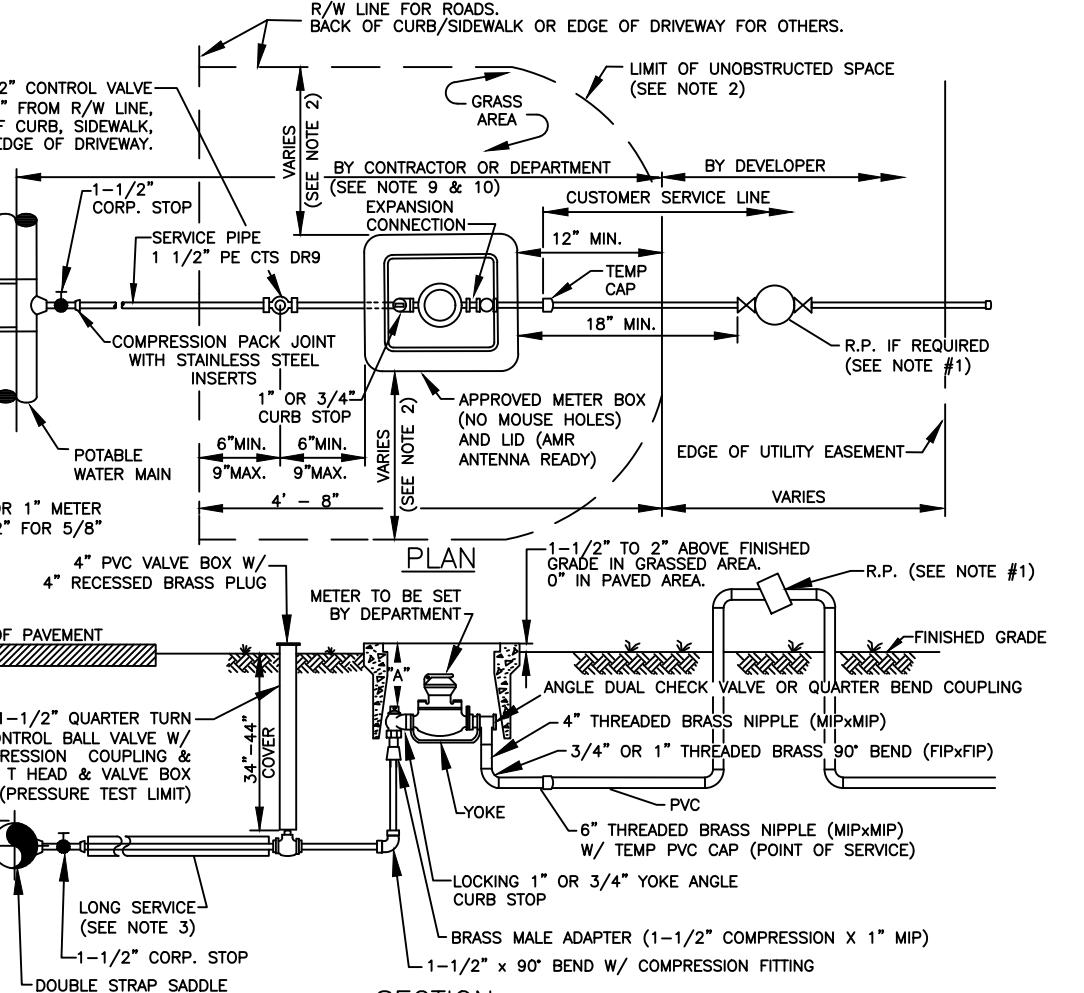


NOTE:

1. CONTRACTOR TO REPLACE ALL IRRIGATION, TREES & SHRUBBERY IN SWALES DAMAGED DURING CONSTRUCTION.

SWALE REPLACEMENT DETAIL D 14.0

DATE: 09-15-2021



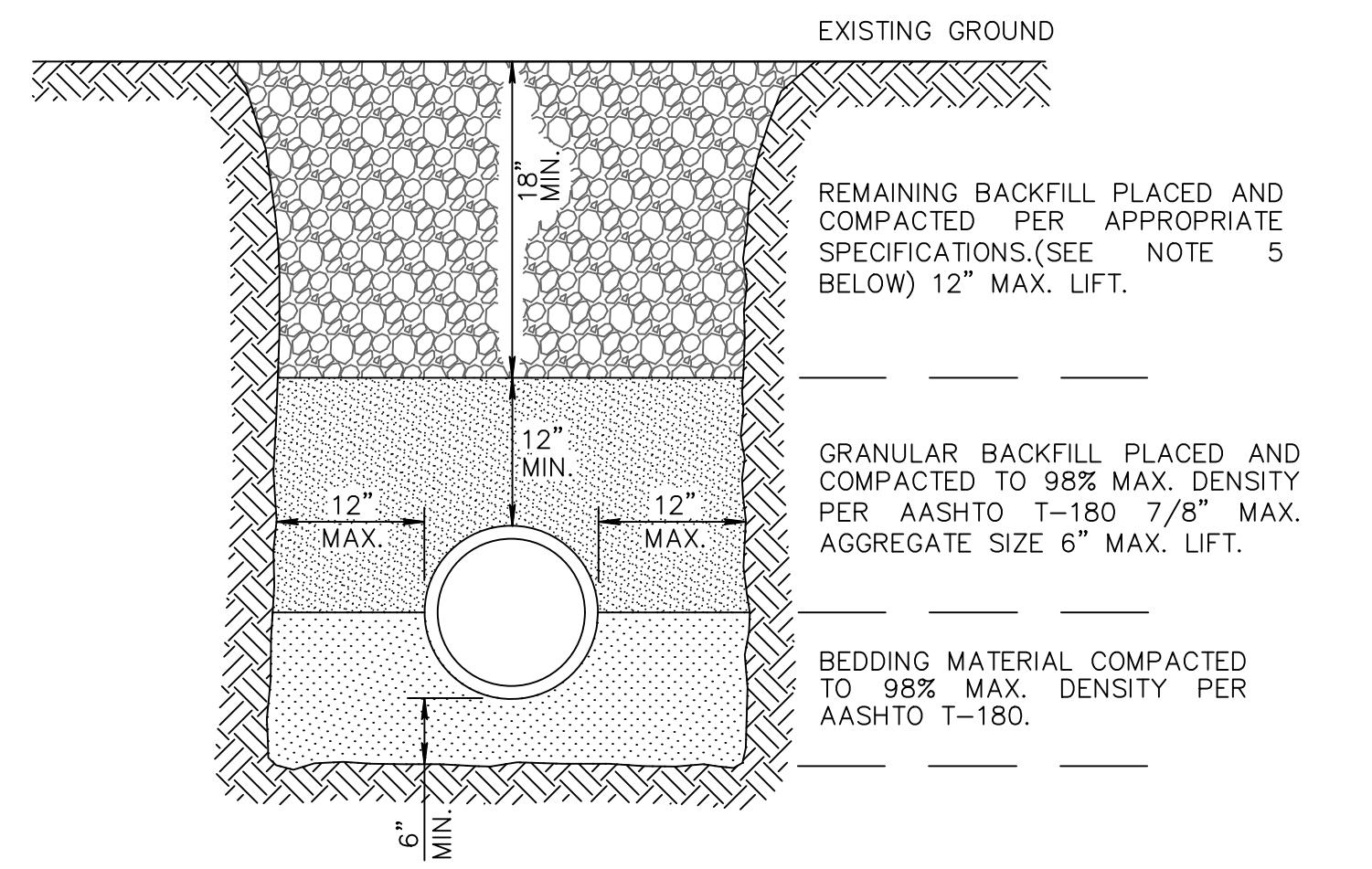
NOTES:

1. ALL NON-RESIDENTIAL SERVICES SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL.
2. LIMIT OF UNSTRUCTURED SPACE FROM SIDE OF WATER METER BOX SHALL BE 36" MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 60" MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS.
3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT END OR CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLIND STRIPED.
4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 12" APART. TAPS ON SAME SIDE OF A PVC PIPE SECTION SHALL BE SPACED A MINIMUM OF 12" APART.
5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL.
6. MAXIMUM SERVICE LENGTH IS 100' TO METER.
7. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGED ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
8. METER SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
  - A. ALL FORM BOARDING FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
  - B. MINIMUM UNSTRUCTURED SPACE", AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
9. THE REQUIRED BACKFLOW PREVENTION DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
10. METER TO BE INSTALLED BY DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE TO BE INSTALLED BY THE DEVELOPER OR THE DEPARTMENT DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUIRED.
11. THE DEVELOPER/PROPERTY OWNER OR ASSIGNED SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SHOWN ON THE DEPARTMENT'S PLANS.
12. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
13. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED FOR METER BOXES OUTSIDE OF GRASS AREA. THE BASE SHALL EXTEND MIN. 12" BEYOND THE METER BOX PERIMETER.
14. STAINLESS STEEL INSERTS ARE REQUIRED FOR ALL COMPRESSION FITTINGS.
15. PVC SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".

POTABLE WATER SERVICE SINGLE  
1" METER INSTALLATION DETAIL

PW 12.0

DATE: 01-25-2021

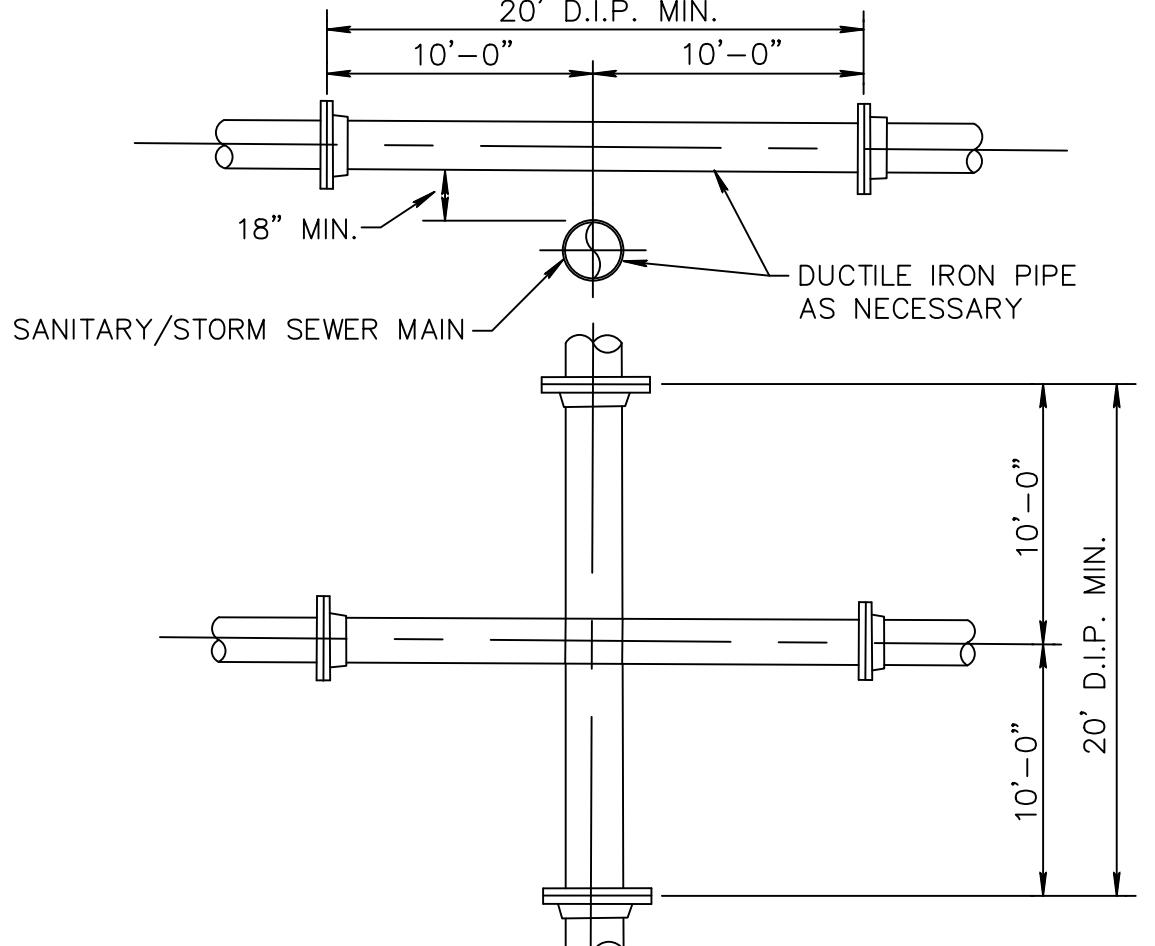


NOTES:

1. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGE ROCKS SHALL BE REMOVED OFF SITE AND DISPOSED IN A PROPER LANDFILL; BEDDING MATERIAL AND BACKFILL CONSISTING OF WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING.
2. THE PIPE AND/OR STRUCTURE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE AND/OR STRUCTURE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
5. COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND TO 95% DENSITY ELSEWHERE.(AASHTO T-180)
6. COMPACTION AND DENSITY TESTS SHALL BE COMPLETED DURING BACKFILL OPERATIONS. CONTRACTORS NOT FOLLOWING THIS PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO RE-EXCAVATE THE AREA IN QUESTION, DOWN TO THE BEDDING MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.

TYPICAL BACKFILL DETAIL GU 2.0

DATE: 09-15-2021

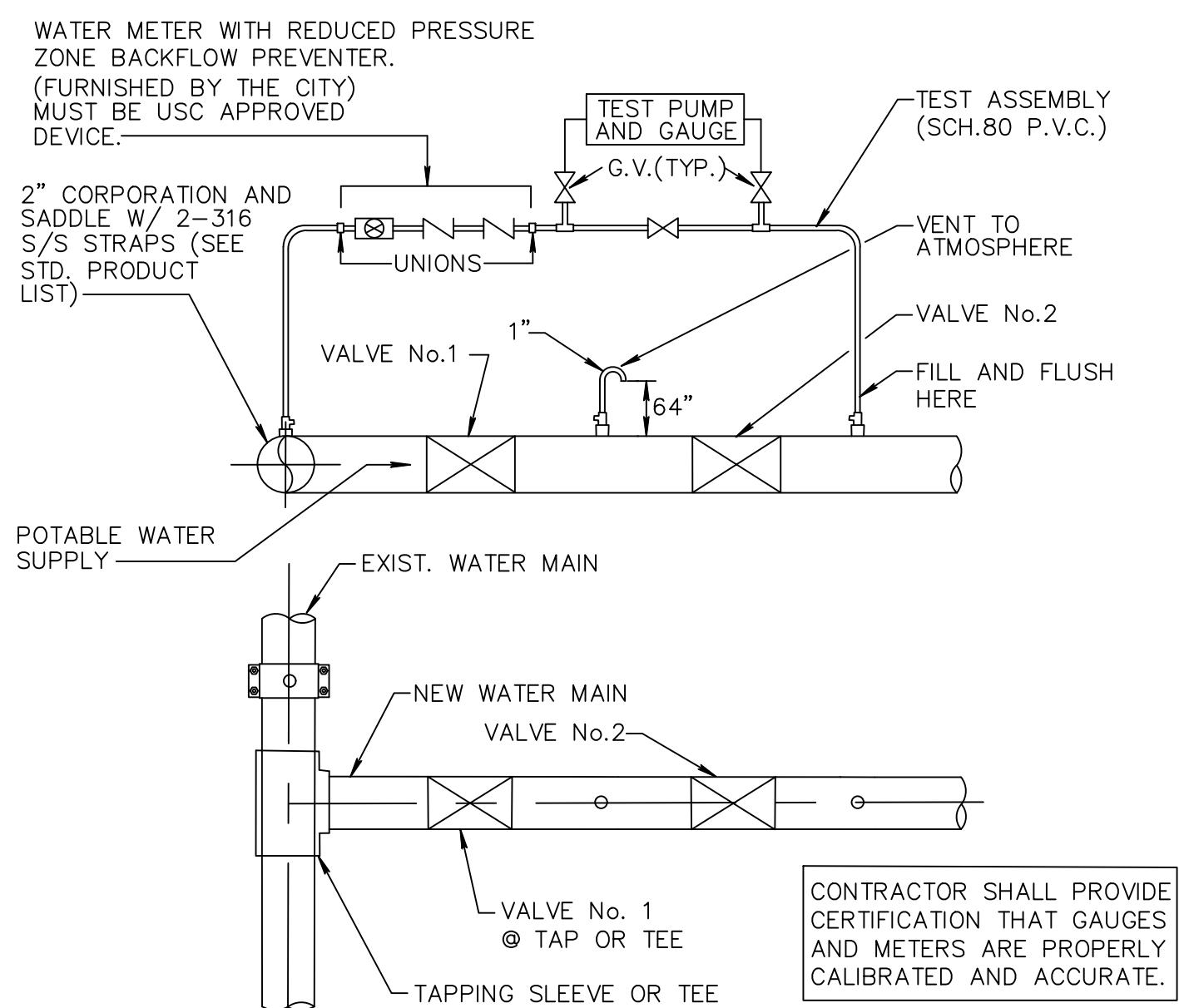


NOTES:

1. STORM AND SANITARY SEWERS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND WATER MAIN JOINTS ARE EQUIDISTANT FROM POINT OF CROSSING WITH NO LESS THAN (10) FEET BETWEEN ANY TWO JOINTS AND BOTH PIPES SHALL BE D.I.P. AND THE MINIMUM VERTICAL SEPARATION SHALL BE 6 INCHES. WHERE THERE IS NO ALTERNATIVE TO SEWER PIPES CROSSING OVER A WATER MAIN, THE CRITERIA FOR MINIMUM 18" VERTICAL SEPARATION BETWEEN LINES AND JOINT ARRANGEMENT, AS STATED ABOVE, SHALL BE REQUIRED AND BOTH PIPES SHALL BE CLASS 350 D.I.P. IRRESPECTIVE OF SEPARATION D.I.P. IS NOT REQUIRED FOR STORM SEWERS.
2. MAINTAIN (10) FEET HORIZONTAL DISTANCE BETWEEN WATER MAIN AND STORM OR SANITARY SEWER MAIN, AS A MINIMUM.
3. FORCE MAIN CROSSING WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND THE OUTSIDE OF THE WATER MAIN WITH WATER MAIN CROSSING OVER FORCE MAIN.
4. SEWER SERVICE LATERALS SHALL CROSS UNDER WATERMAINS WITH A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18) INCHES. IF EIGHTEEN (18) INCHES VERTICAL SEPARATION CANNOT BE MAINTAINED, THEN THE WATERMAIN SHALL BE D.I.P. AND THE SANITARY LATERAL C-900 SDR18 OR BETTER AND THE MINIMUM SEPARATION SHALL BE SIX (6) INCHES.
5. WHEN IT IS NOT POSSIBLE FOR THE WATER MAIN TO CROSS OVER THE SEWER SERVICE LATERAL A MINIMUM VERTICAL SEPARATION OF AT LEAST TWELVE (12) INCHES MUST BE MAINTAINED. THE WATERMAIN SHALL BE D.I.P. AND THE SEWER LATERAL SHALL BE C-900 SDR-18 OR BETTER.

WATER MAIN & SEWER CONFLICT DETAIL PW 2.0

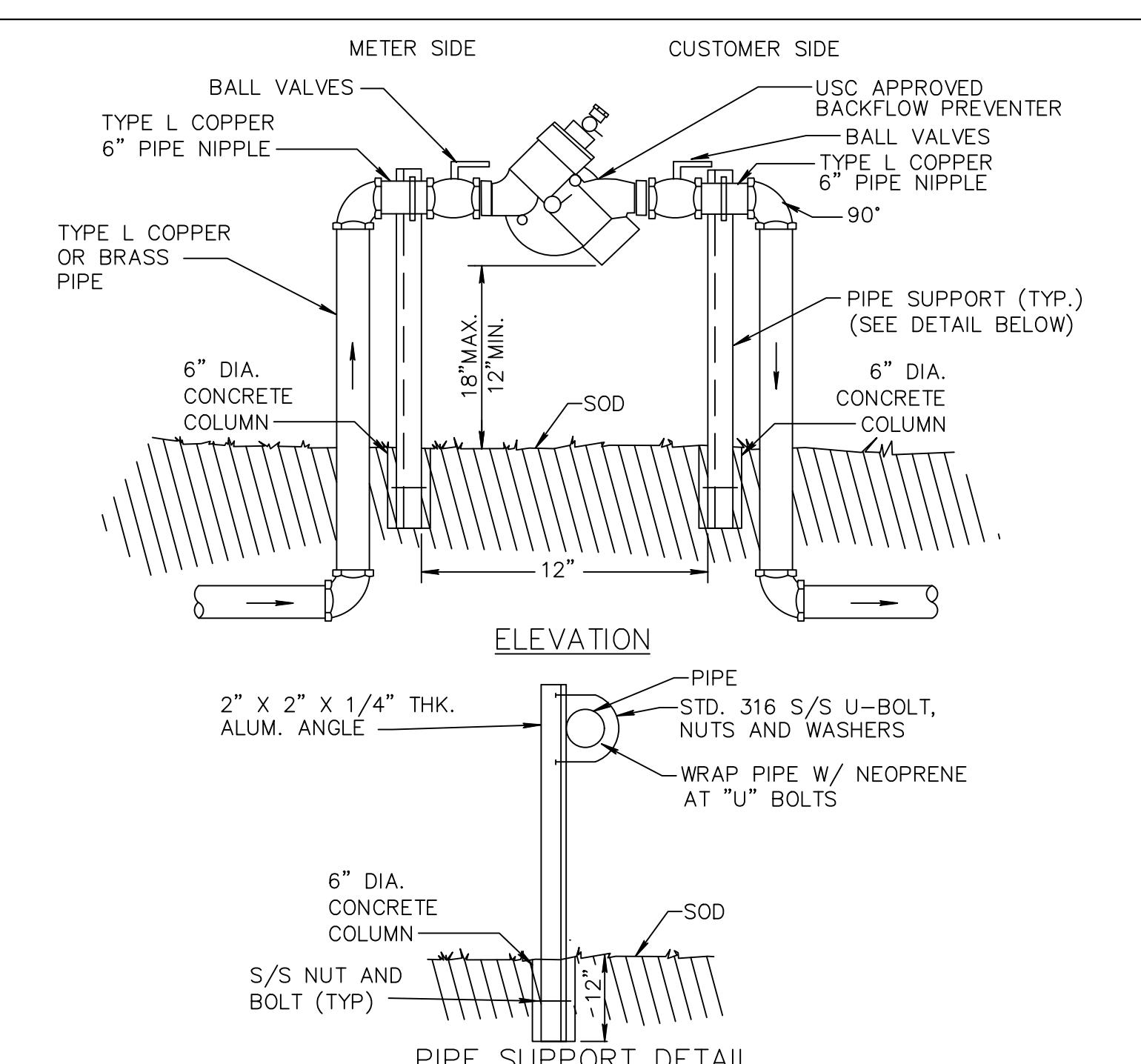
DATE: 09-15-21



NOTES:

1. BOTH VALVES SHALL BE KEPT CLOSED UNTIL FILLING, FLUSHING, AND BACTERIOLOGICAL TESTING IS COMPLETED AND APPROVED.
2. GAUGE AND RISER TO BE REMOVED AFTER PRESSURE TEST.
3. CITY SHALL BE NOTIFIED BEFORE FILLING AND FLUSHING.
4. AFTER RELEASE FROM THE HEALTH DEPARTMENT, BOTH VALVES TO BE LEFT OPEN WITH VALVE BOX INSTALLED ON BOTH VALVES.
5. PRESSURE TEST PUMP MAY CONNECT TO SERVICE LINE, FIRE HYDRANTS OR BLOWOFF. NO EXTRA TAPS ARE PERMITTED SOLELY FOR TESTING PURPOSES UNLESS PRECEDING ARE NOT PRESENT IN TEST SECTION.
6. TAPPING SADDLE OR SLEEVE (PER CURRENT CITY PRODUCT LIST) IS REQUIRED ON EXISTING MAIN.
7. SETUP FOR ALL DOUBLE VALVE CONNECTIONS TO INCLUDE ATMOSPHERE VENTS AS SHOWN ABOVE.
8. OUTLET ON VENT TO ATMOSPHERE A MINIMUM 24" ABOVE EXISTING GRADE. FILL & FLUSH DETAIL PW 1.0

DATE: 09-15-2021



NOTES:

1. FOR ALL SERVICES LESS THAN OR EQUAL TO 2" DIA.
2. ABOVE GRADE PIPING SHALL BE BRASS OR TYPE "L" COPPER OR BRASS TUBING.
3. ALL COPPER JOINTS SHALL BE MADE WITH 95/5 SOLDER.
4. USC APPROVED RPZ BACKFLOW PREVENTER IS REQUIRED IN ACCORDANCE WITH CITY OF DELRAY BEACH CODE OF ORDINANCES TITLE V, CHAPTER 52.83.
5. USC APPROVED RPZ BACKFLOW PREVENTER IS REQUIRED FOR ALL COMMERCIAL PROPERTIES AND ALL RESIDENTIAL PROPERTIES WITH FIRE SPRINKLER SYSTEMS.

REDUCED PRESSURE ZONE BACKFLOW PREVENTER PW 17.0

DATE: 09-15-2021

VERIFIABLE SCALES  
0 \_\_\_\_\_ 1"  
IF NOT ONE INCH ON THIS SHEET,  
ADJUST SCALES ACCORDINGLY

REVISIONS

DATE OF ISSUE  
10/10/2022

DESIGNED BY  
SD

DRAWN BY  
SJ

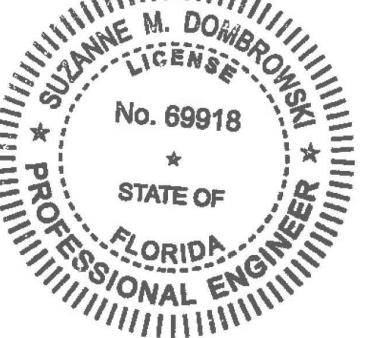
CHECKED BY  
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DRAWING TITLE

DETAILS

FIDELITY RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**DET-1**  
4 OF 5



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**CLIENT**

# PROJECT INFORMATION

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# 701 S OCEAN BOULEVARD WATER SERVICE

DELRAY BEACH, FL  
33483

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**PROJECT NUMBER**  
22-0438.00005

**CLIENT PROJECT NUMBER**

**VERIFY SCALES**  
0  1"

IF NOT ONE INCH ON THIS SHEET,  
ADJUST SCALES ACCORDINGLY

**DATE OF ISSUE**  
10/10/2022

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**DESIGNED BY**  
SD

---

**DRAWN BY**  
SJ

---

**CHECKED BY**  
###

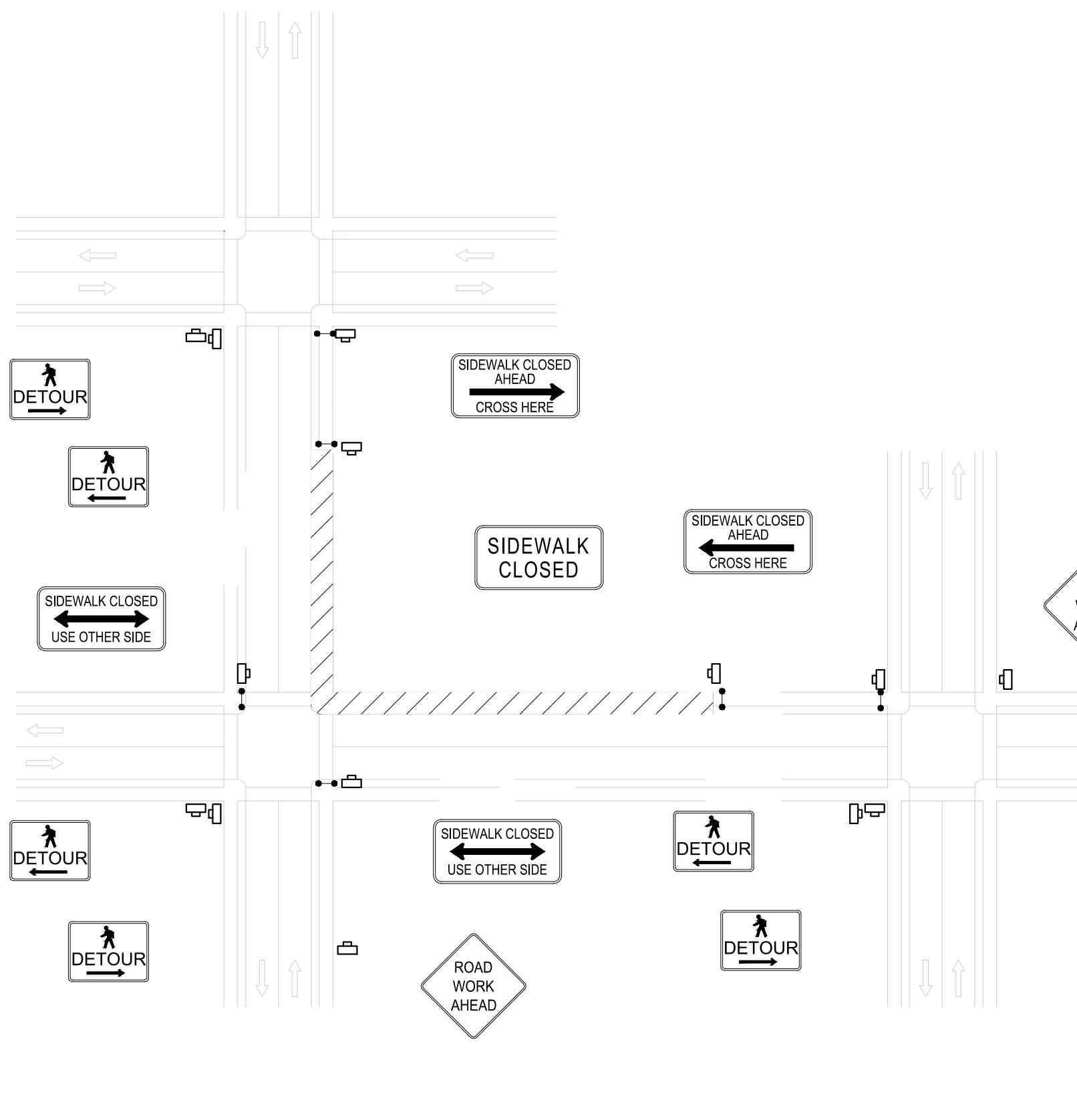
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**DRAWING TITLE**

## DETAILS

**DRAWING NUMBER**  
**DET-2**  
5 OF 5

Plot Date: 10/11/2022 12:56:47 PM Username: sjohnson Layout Name: C-05  
Folder Path: V:\Projects\2022\22-0438 00005 - 710 S Ocean Boulevard Water Service\Design\CAD\Sheets  
Filename: 22-0438 00005 Details.dwg



**NOTES:**

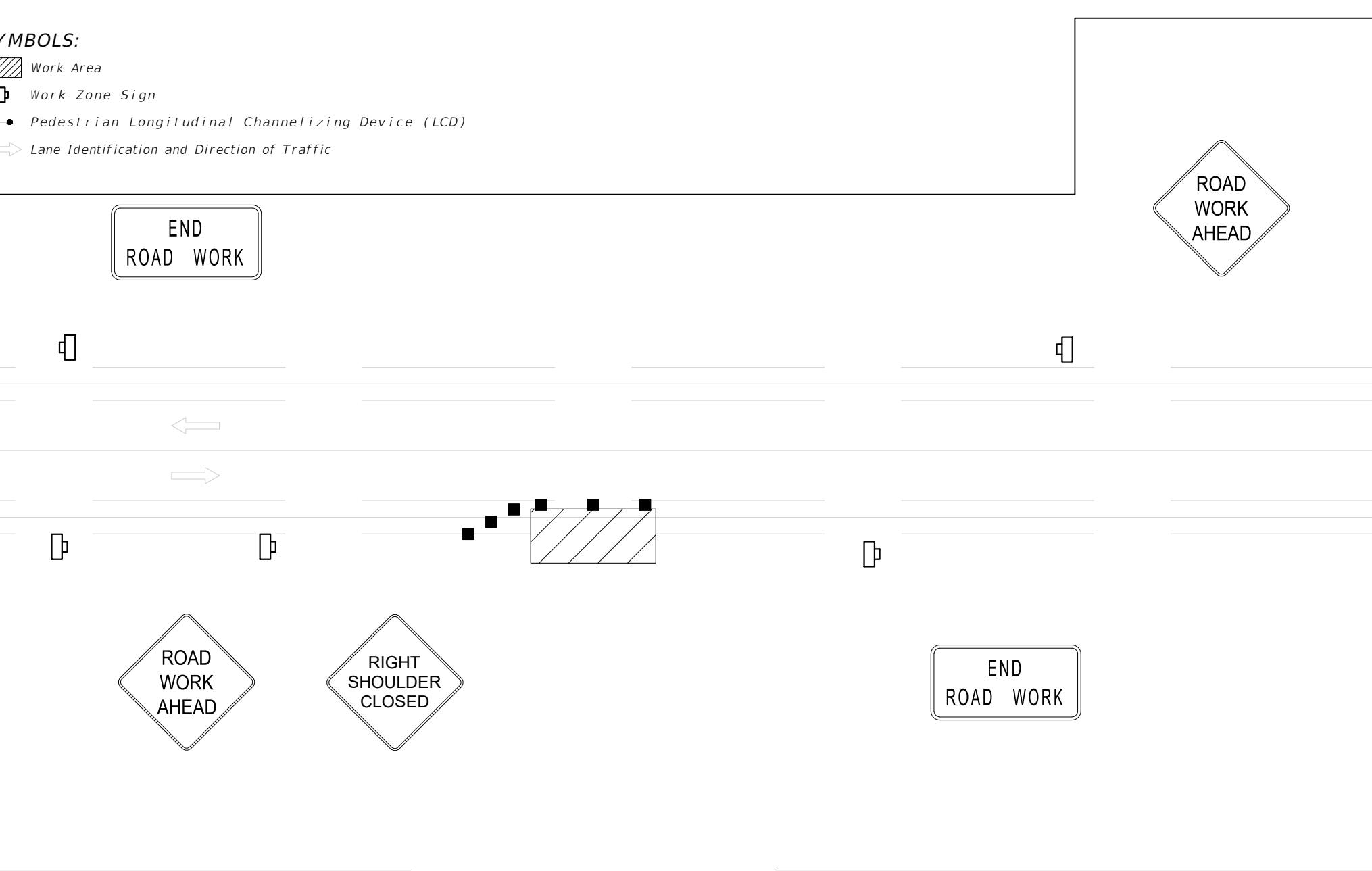
1. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
2. Place pedestrian LCDs across the full width of the closed sidewalk.
3. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
4. "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
5. Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

**FDOT INDEX 102-660 (PAGE 1 OF 2) SIDEWALK CLOSURE**

N.

**SYMBOLS:**

-  *Work Area*
-  *Work Zone Sign*
-  *Pedestrian Longitudinal Channelizing Device (LCD)*
-  *Lane Identification and Direction of Traffic*

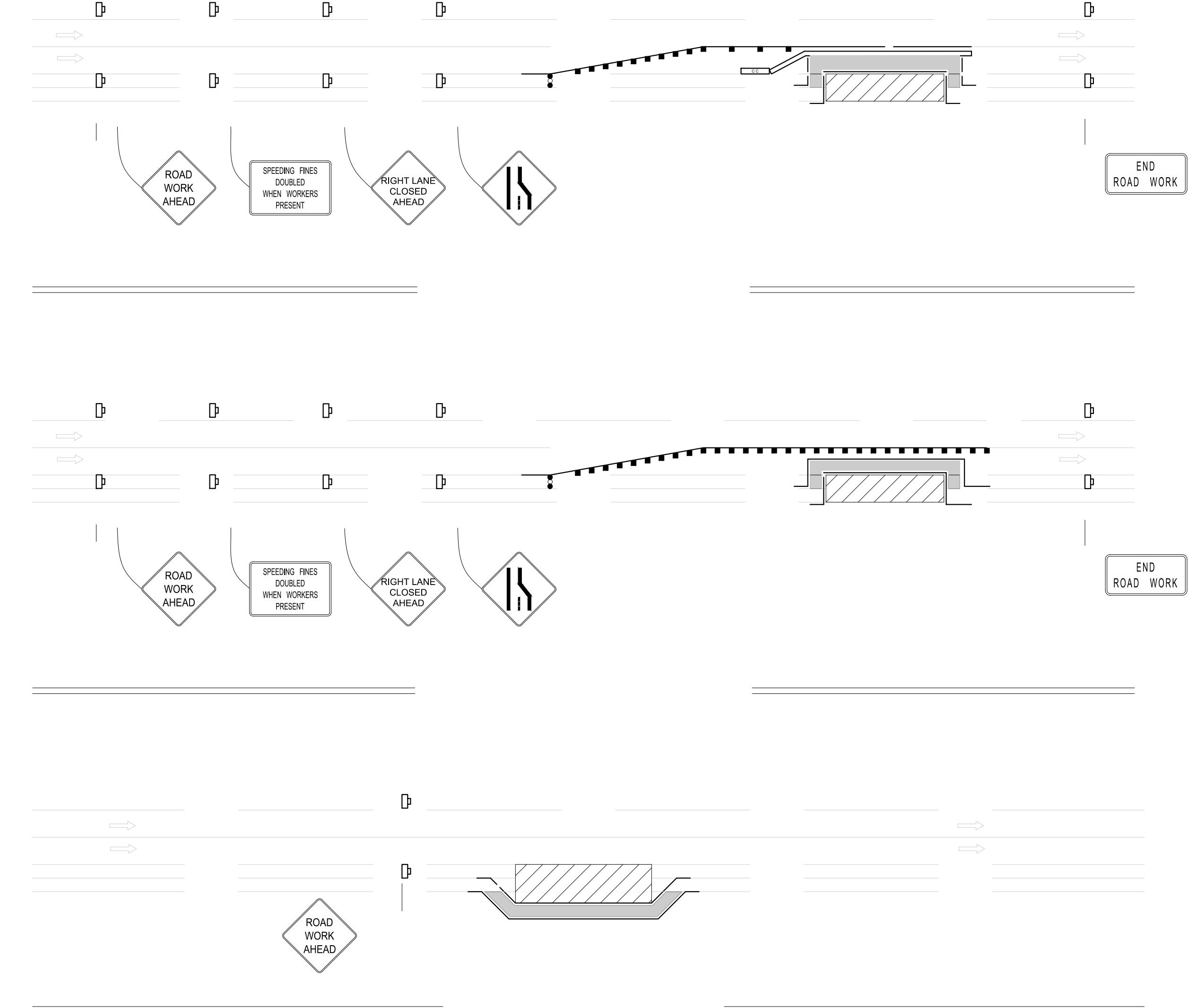


**FDOT INDEX 102-602 TWO-LANE AND MULTILANE WORK ON SHOULDER**

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N.T.S.

N.



**NOTES:**

1.  $L$  = Taper Length  
 $B$  = Buffer Length  
 $X$  = Work Zone Sign Distance  
See Index 102-600 for "L", "B", "X", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
4. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for less than 4 hours or less.
5. Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer.

**SYMBOLS:**

-  *Work Area*
-  *Temporary Pedestrian Way*
-  *Channelizing Device (See Index 102-600)*
-  *Pedestrian Longitudinal Channelizing Device (LC)*
-  *Work Zone Sign*
-  *Arrow Board*
-  *Crash Cushion*
-  *Lane Identification and Direction of Traffic*



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