## INLET: GASKETED BELL - SDR 35 PVC

Base Casting is ASTM A-48 Class 30 Cast Iron
(Various Contours available to fit 6.275" – 30.00" O.D. Mains)

PVC Adapter is an ASTM D3034, SDR-35 Gasketed Bell

Adapter is cemented permanently in place with two-part urethane adhesive

Base of Saddle is dip-coated in a Waterbased Bituminous Coating

Strap is 24 ga. x 2.5" wide Type 304 Stainless Steel

Strap Pins are .75" dia. Type 303 Stainless Steel

T-Bolts are .375" – 16 Type 304 Stainless Steel

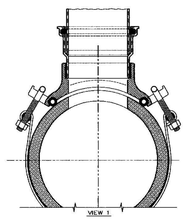
Nuts and Washers are Type 18-8 Stainless Steel

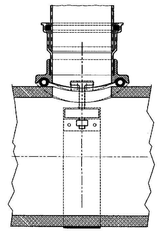
O-Ring is ASTM C-361-77 Tubular Polyisoprene

4" Inlet requires a 4" dia. Tap in the Sewer Main

6" Inlet requires a 6" dia. Tap in the Sewer Main
(Sewer Main must be at least 8" dia.)

Note: This Dwg. supercedes Dwg. No. R-3408-02



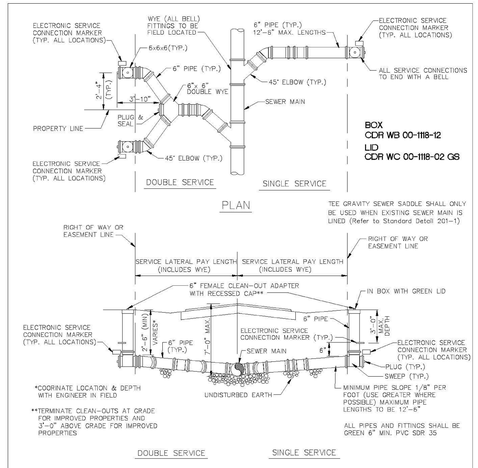




# TEE GRAVITY SEWER SADDLE

TO BE USED WHEN A SEWER MAIN HAS BEEN LINED WITH A CURED IN PLACE MATERIAL.

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | TEE GRAVITY SEWER SADDLE |
|---|---|---|---|
| S.S. | 11/23/16 | | DATE: MAY 2022 |
| | | SCALE: N.T.S. | DWG. NO. 201-1 |




# SHALLOW SERVICE LATERALS

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | SERVICE LATERALS |
|---|---|---|---|
| T.W. | 11-2007 | | DATE: JUNE 2022 |
| S.S. | 01/27/12 | | DWG. NO. |
| S.S. | 07/10/12 | SCALE: N.T.S. | 200-2 |
| S.S. | 02/10/16 | | |

## INLET: GASKETED BELL - SDR 35 PVC

Base Casting is ASTM A-48 Class 30 Cast Iron
(Various Contours available to fit 6.275" – 30.00" O.D. Mains)

PVC Adapter is an ASTM D3034, SDR-35 Gasketed Bell

Adapter is cemented permanently in place with two-part urethane adhesive

Base of Saddle is dip-coated in a Waterbased Bituminous Coating

Strap is 24 ga. x 2.5" wide Type 304 Stainless Steel

Strap Pins are .75" dia. Type 303 Stainless Steel

T-Bolts are .375" – 16 Type 304 Stainless Steel

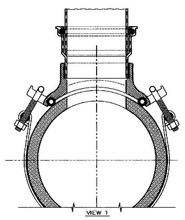
Nuts and Washers are Type 18-8 Stainless Steel

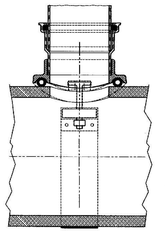
O-Ring is ASTM C-361-77 Tubular Polyisoprene

4" Inlet requires a 4" dia. Tap in the Sewer Main

6" Inlet requires a 6" dia. Tap in the Sewer Main
(Sewer Main must be at least 8" dia.)

Note: This Dwg. supercedes Dwg. No. R-3408-02




# TEE GRAVITY SEWER SADDLE

TO BE USED WHEN A SEWER MAIN HAS BEEN LINED WITH A CURED IN PLACE MATERIAL.

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | TEE GRAVITY SEWER SADDLE |
|---|---|---|---|
| S.S. | 11/23/16 | | DATE: MAY 2022 |
| | | SCALE: N.T.S. | DWG. NO. 201-1 |

## INLET: GASKETED BELL - SDR-35 PVC

Base Casting is ASTM A-48 Class 30 Cast Iron
(Various Contours available to fit 6.275" – 30.00" O.D. Mains)

PVC Adapter is an ASTM D3034, SDR-35 Gasketed Bell

Castings and Adapter cemented permanently in place with two-part urethane adhesive

Base of Saddle dip-coated in Waterbased Bituminous Coating

Strap is 24 ga. X 2.5" wide Type 304 Stainless Steel

Strap Pins are .75" dia. Type 303 Stainless Steel

T-Bolts are .375" – 16 Type 304 Stainless Steel

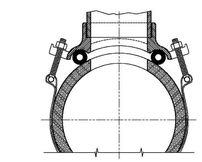
Nuts and Washers are Type 18-8 Stainless Steel

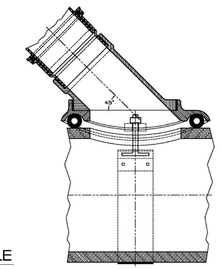
O-Ring is ASTM C-361-77 Tubular Polyisoprene

4" Inlet requires a 4" x 6.50" oval tap in the Sewer Main

6" Inlet requires a 6" x 9.25" oval tap in the Sewer Main
(Sewer Main must be at least 8" dia.)

Note: This Dwg. supercedes Dwg. No. R-3157-01



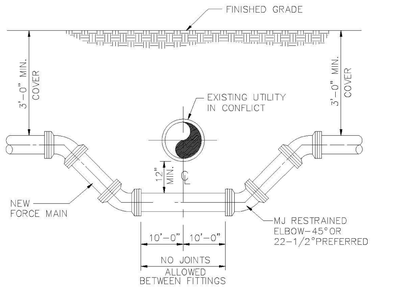




# WYE GRAVITY SEWER SADDLE

TO BE USED WHEN A SEWER MAIN HAS BEEN LINED WITH A CURED IN PLACE MATERIAL.

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | WYE GRAVITY SEWER SADDLE |
|---|---|---|---|
| | | | DATE: MAY 2022 |
| | | SCALE: N.T.S. | DWG. NO. 201-2 |

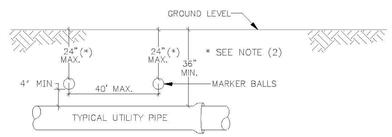



NOTES:
WHERE CONDITIONS PERMIT, PIPE DEFLECTION MAY BE USED INSTEAD OF BENDS TO OBTAIN THE MINIMUM CLEARANCE. FACTORY OFFSETS MAY BE USED.

# TYPICAL CONFLICT DETAIL

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | TYPICAL CONFLICT (SEWER) |
|---|---|---|---|
| S.S. | JUNE 2005 | | DATE: JUNE 2022 |
| S.S. | 02/13/12 | | DWG. NO. |
| | | SCALE: N.T.S. | 206-1 |




GENERAL NOTES:

1. ALL UTILITY PIPE SHALL BE INSTALLED WITH 4"ø MARKING BALLS PLACED EVERY 40' AND AT EVERY FITTING, FOR IDENTIFICATION AND WARNING PURPOSES, BURIED ABOVE THE PIPE AT A MAXIMUM DEPTH OF 24 INCHES OR AS APPROVED BY THE OWNER. IT SHALL BE COLOR CODED AND WORDED AS FOLLOWS:

   SEWER SYSTEM
   A. COLOR: GREEN
   B. LETTERING: SANITARY SEWER
   C. FREQUENCY OF MARKER BALLS SHALL BE 121.6 Khz.
   D. THE MARKER BALLS CAN BE BURIED IN ANY ORIENTATION.

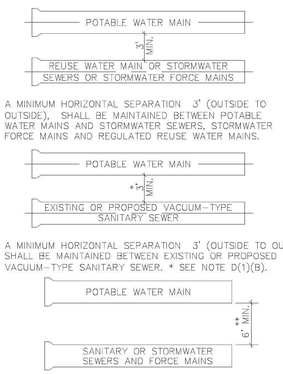
   THE MARKER BALLS SHALL BE DETECTABLE BY STANDARD METAL DETECTION EQUIPMENT AND SHALL BE MANUFACTURED BY TEMPO OR 3M LOCATOR SYSTEM OR EQUIVALENT (FREQUENCY 121.6 Khz )

2. FOR LARGE DIAMETER PIPE INSTALLED AT DEPTHS BELOW 4'-0" MARKER BALLS SHALL BE PLACED AT A MAXIMUM DEPTH OF 4'-0" BELOW GRADE *.

# SEWER PIPE IDENTIFICATION

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | SEWER PIPE IDENTIFICATION |
|---|---|---|---|
| S.S. | 01/30/12 | | DATE: JUNE 2022 |
| | | SCALE: N.T.S. | DWG. NO. 207-1 |




A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORMWATER SEWERS, STORMWATER FORCE MAINS AND REGULATED REUSE WATER MAINS.

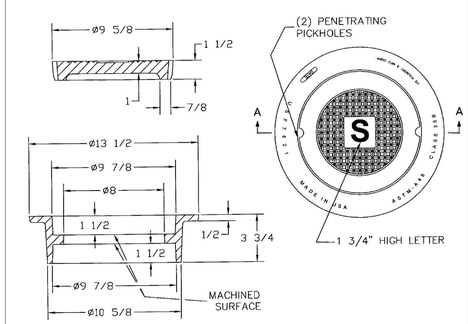
A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER. * SEE NOTE D(1)(B).

A MINIMUM HORIZONTAL SEPARATION OF 6' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND EXISTING OR PROPOSED GRAVITY-OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR NOT REGULATED REUSE WATER MAIN. ** SEE NOTE D(1)(C).

# MINIMUM HORIZONTAL SEPARATION REQUIREMENTS FOR POTABLE WATER, REUSE, STORMWATER AND SEWER LINES

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER |
|---|---|---|---|
| S.S. | 01/30/12 | | DATE: JUNE 2022 |
| | | SCALE: N.T.S. | DWG. NO. 209-1 |




SECTION A-A

NOTE
MATERIAL: Gray Cast Iron
ASTM-A48 Class 35B

# SEWER BOX AND COVER - HEAVY TRAFFIC

ENGINEERING STANDARDS 2022

| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | SEWER BOX AND COVER HEAVY TRAFFIC |
|---|---|---|---|
| S.S. | 12/06/18 | | DATE: JUNE 2022 |
| | | SCALE: N.T.S. | DWG. NO. 210-3 |


CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 739-6400 FAX: (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114



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| DATE: | 02/25/25 |
|---|---|
| SCALE: | AS SHOWN |
| DESIGN BY: | CEE |
| DRAWN BY: | TR |
| CHECKED BY: | CEE |
| APPROVED BY: | CEE |

| BY: | DATE: | DESCRIPTION: |
|---|---|---|

1501 WEST ATLANTIC BLVD.
POMPANO BEACH, FLORIDA

PREPARED FOR:
KAJA PROPERTIES INC.

WATER AND SEWER DETAILS

Chad Everett Edwards
Digitally signed by Chad Everett Edwards
Date: 2025.02.28 15:54:58 -05'00'

CHAD E. EDWARDS, P.E.
FLORIDA LICENSE No. 59306
2025-02-28

PROJECT NO.
24-0055-001-01

C-11

SHEET 11 OF 12

CHAD E. EDWARDS LICENSE No. 59306 STATE OF FLORIDA PROFESSIONAL ENGINEER


This document has been digitally signed and sealed by Chad Everett Edwards, P.E. on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.


PZ24-12000026

04.02.2025

DRC


\\cfolfile02\Eng\Projects\2024\24-0055-001-01 1501 West Atlantic - Truck Wash\24-0055 WSD.dwg [C-11] Feb 28, 2025 3:53pm CEDWARDS