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

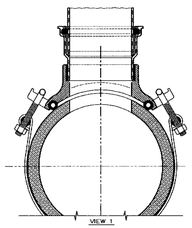
Nuts and Washers are Type 18-8 Stainless Steel

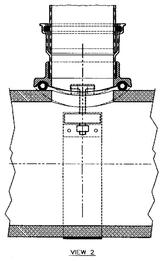
O-Ring is ASTM C-361-77 Tubular Polyisoprene

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-D2





TEE GRAVITY SEWER SADDLE

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

ENGINEERING STANDARDS 2025

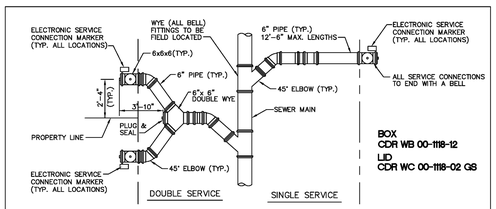
REVISIONS	
BY	DATE
S.S.	11/23/16

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

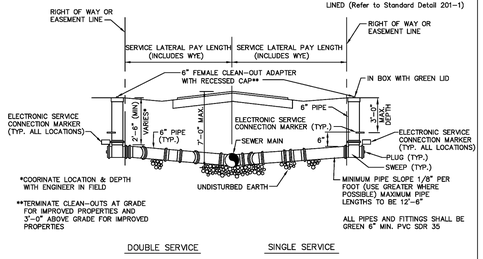
TEE GRAVITY SEWER SADDLE

DATE: MAY 2022
DWG. NO. **201-1**



PLAN

TEE GRAVITY SEWER SADDLE SHALL ONLY BE USED WHEN EXISTING SEWER MAIN IS LINED (Refer to Standard Detail 201-1)



ELEVATION

SHALLOW SERVICE LATERALS

ENGINEERING STANDARDS 2025

REVISIONS	
BY	DATE
T.W.	11-2007
S.S.	01/27/12
S.S.	07/10/12
S.S.	02/10/16

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

SERVICE LATERALS

DATE: JUNE 2022
DWG. NO. **200-2**

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

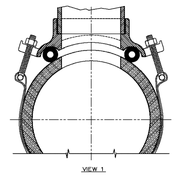
Nuts and Washers are Type 18-8 Stainless Steel

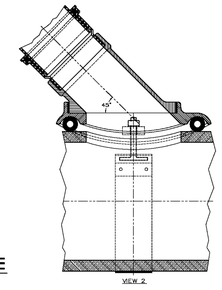
O-Ring is ASTM C-361-77 Tubular Polyisoprene

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-D1





WYE GRAVITY SEWER SADDLE

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

ENGINEERING STANDARDS 2025

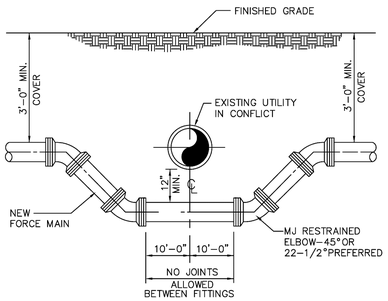
REVISIONS	
BY	DATE

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

WYE GRAVITY SEWER SADDLE

DATE: MAY 2022
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 2025

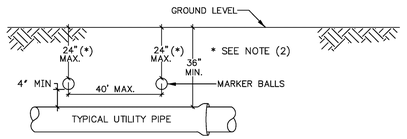
REVISIONS	
BY	DATE
S.S.	JUNE 2005
S.S.	02/13/12

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

TYPICAL CONFLICT (SEWER)

DATE: JUNE 2022
DWG. NO. **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 2025

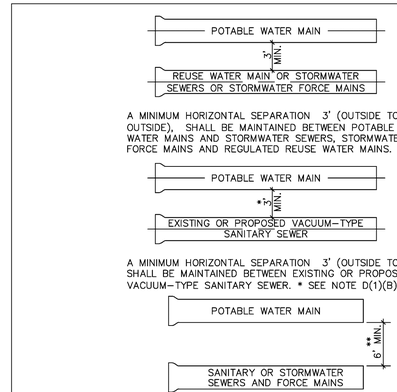
REVISIONS	
BY	DATE
S.S.	01/30/12

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

SEWER PIPE IDENTIFICATION

DATE: JUNE 2022
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 2025

REVISIONS	
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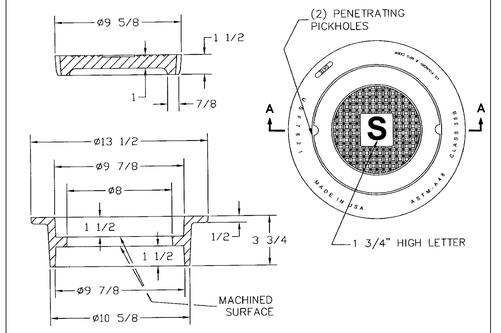
S.S.	01/30/12

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER

DATE: JUNE 2022
DWG. NO. **209-1**



SECTION A-A

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

SEWER BOX AND COVER - HEAVY TRAFFIC

ENGINEERING STANDARDS 2025

REVISIONS	
BY	DATE
S.S.	12/06/18

ENGINEERING DIVISION
CITY OF POMPANO BEACH

SCALE: N.T.S.

SEWER BOX AND COVER HEAVY TRAFFIC

DATE: JUNE 2022
DWG. NO. **210-2**

CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL.: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000114

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DATE:	04/30/25
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: 2025.07.07 13:52:44 -04'00'

CHAD E. EDWARDS, P.E.
FLORIDA LICENSE No. 59306
2025-07-02

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

PROJECT NO.
24-0055-001-01

C-13

SHEET 13 OF 14

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.

AAC

PZ24-12000026

08.20.2025

\\ctafile02\Eng\Projects\2024\24-0055-001-01 1501 West Atlantic - Truck Wash\24-0055 WSD.dwg [C-13] Jul 02, 2025 1:23pm TRUBINO