Plotted By:Benjaminm Alex Sheet Set:2690 WEST SAMPLE ROAD Layout:C4.12 SEWER DETAILS September 15, 2025 05:53:59pm K:\Ftl_civil\143 Jobs\143600001 2690 west sample road civil eng\Design\CADD\Xrefs\C4.12 SEWER DETAILS.dwg
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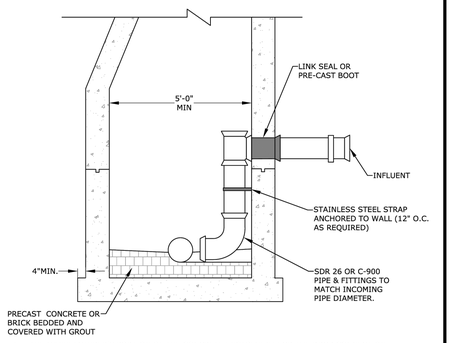
BROWARD COUNTY
PUBLIC WORKS DEPARTMENT

WATER & WASTEWATER SERVICES
ENGINEERING DIVISION
2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069
PHONE NO. 954-831-0745
FAX: 954-831-0925

STANDARD DETAIL



1. THE MANUFACTURER'S PORTION OF THE CONCRETE ENCASEMENT FOR THE DROP CONNECTION SHALL BE POURED INTEGRALLY WITH BOTH THE MAINTENANCE ACCESS STRUCTURE SLAB AND WALL.
2. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT SEWER IS LOCATED TWO (2) FEET OR MORE ABOVE THE MAIN INVERT CHANNEL.
3. ALL REQUIREMENTS FOR PRECAST MAINTENANCE ACCESS STRUCTURE WITHOUT DROP CONNECTIONS WILL ALSO APPLY TO PRECAST MAINTENANCE ACCESS STRUCTURE WITH DROP CONNECTIONS. SEE PRECAST MAINTENANCE ACCESS STRUCTURE STANDARD DETAIL FOR OTHER REQUIREMENTS.
4. ALL PIPE TO BE SAME DIAMETER AS INFLUENT SEWER MAIN.
5. APPLY MORTAR COATING TO INSIDE AND OUTSIDE OF CHIMNEY. BRING MORTAR UP AND OVER FRAME. (SEE NOTE 10. BELOW.)
6. IF CONSHIELD ANTI-MICROBIAL AGENT IS USED IN THE CONCRETE OR MORTAR MIX, INTERIOR COATINGS MAY BE ELIMINATED.

REVISED		FIGURE
7/7/2021	PRECAST MAINTENANCE ACCESS STRUCTURE INSIDE DROP CONNECTION TYPE 2	313A

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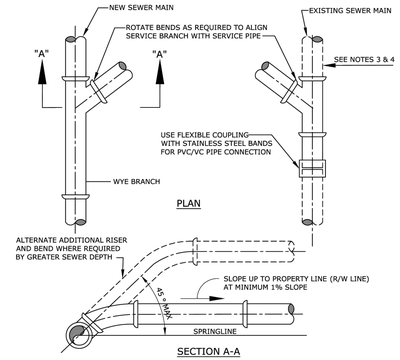

1. SINGLE SERVICE CONNECTIONS SHALL USE 6" SDR 26 PVC PIPE AND FITTINGS.
2. SINGLE SERVICE CONNECTIONS BELOW 12' DEPTH SHALL BE C-900 PVC UNTIL LESS THAN 12 FOOT DEPTH.
3. USE RISER CONNECTIONS WHERE INVERT OF SEWER IS MORE THAN 7'-0" DEEP.
4. WHERE BELL OF WYE AND SPIGOT OF EXISTING MAIN ARE NOT COMPATIBLE, USE A SECOND FLEXIBLE COUPLING.
5. RIGID COUPLINGS MAY BE USED IN LIEU OF FLEXIBLE COUPLINGS.
6. MAINTAIN 36" MINIMUM COVER FROM TOP OF SERVICE TO FINISH GRADE; WHERE NOT TECHNICALLY FEASIBLE CONTACT WWS ENGINEERING.
7. PVC SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH MINIMUM STANDARDS OF THE UNI-BELL HANDBOOK OF PVC PIPE DESIGN AND CONSTRUCTION, LATEST EDITION.

REVISED		FIGURE
7/7/2021	WYE SEWER SERVICE CONNECTION	331

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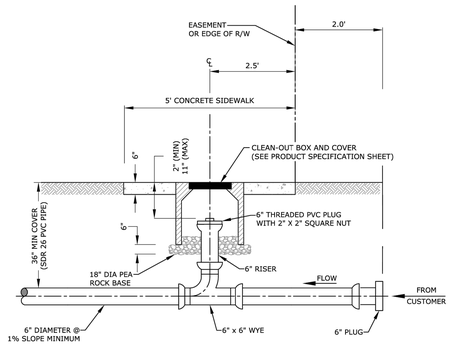

1. THE CLEAN OUT SHALL BE INSTALLED IN THE MIDDLE OF THE SIDEWALK. THIS DIMENSION WILL VARY DEPENDING UPON THE WIDTH OF THE SIDEWALK. 2.5' APPLIES TO 5' SIDEWALK WIDTH. IF SIDEWALKS DO NOT EXIST, THE CLEAN OUT SHALL BE INSTALLED 2.5' FROM THE RIGHT OF WAY LINE.
2. A NEW SECTION OF SIDEWALK SHALL BE POURED AROUND THE CLEAN-OUT BOX WHEN WORKING IN AN AREA WITH EXISTING SIDEWALKS.
3. IN GRASS AREA USE 24"x24" OR 24" DIAMETER CONCRETE COLLAR.

REVISED		FIGURE
7/7/2021	SEWER SERVICE CONNECTION AT PROPERTY LINE OR EASEMENT LINE PROFILE	341

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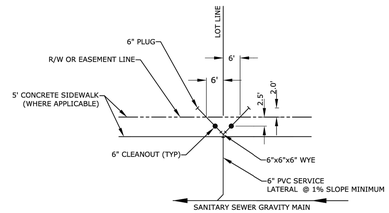
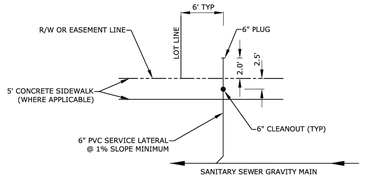


TYPICAL DOUBLE SERVICE LATERAL DETAIL
NTS



TYPICAL SINGLE SERVICE LATERAL DETAIL
NTS

REVISED		FIGURE
7/7/2021	SEWER SERVICE CONNECTION AT PROPERTY LINE OR EASEMENT LINE PLAN	342

George Balaban

Digitally signed by George Balaban
Date: 2025.09.16 09:10:11 -04'00'

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GEORGE BALABAN, P.E. ON THE DATE ADJACENT TO THE SEAL.

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON THE NAVD 88. TO CONVERT THE ELEVATION HEREON TO NGVD 29 ADD 1.51 FEET.

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WWW.KIMLEY-HORN.COM REGISTRY No. 696

GEORGE BALABAN LICENSE No 74543 STATE OF FLORIDA PROFESSIONAL ENGINEER

KHA PROJECT	143360001
DATE	MAY 2025
SCALE	AS SHOWN
DESIGNED BY	MB
DRAWN BY	MB
CHECKED BY	GB

SEWER DETAILS

2690 WEST SAMPLE ROAD
PREPARED FOR
NATIONAL EXPRESS WASH LLC
CITY OF POMPANO BEACH FLORIDA

SHEET NUMBER
C4.12