



City of Rohnert Park

# Sewer Detail Drawings



## SEWER DETAIL DRAWINGS

<b><u>Standard Number</u></b>	<b><u>Title</u></b>	<b><u>Date Approved</u></b>
500 Series		
500	Standard Precast Concrete Manhole For Sanitary Sewer	August 2022
501	Reserved	July 2009
502	Shallow Manhole/Junction Structures for Multiple Laterals	July 2009
503	Inside Drop in Sanitary Sewer Manhole	July 2009
504	Reserved	July 2009
505	Rodding Inlet	July 2009
506	Temporary Mainline Cleanout	July 2009
507	Abandoned Pipe Plug Detail	July 2009
508	Abandoned Manhole Detail	July 2009
509	Reserved	July 2009
510	Reserved	July 2009
511	Sanitary Sewer Manhole Frame and Cover	August 2022
512	Standard Manhole Frame and Cover	July 2009
512A	Manhole Cover Placement	July 2009
513	4" and 6" Sewer Service Lateral and Cleanout	July 2009
514	Sewer Service Obstructions	July 2009
515	Discharge For Private Force Main	July 2009
516	(Sewer-Water Main) Crossing Details	July 2009
517	Miscellaneous Pipe Installation Details	July 2009
518	PVC Sewer Pipe Deflection Mandrel	July 2009
520	(Three-Stage) Sand and Grease Interceptor	July 2009
521	Sampling Manhole Exterior Use	July 2009
522	Sampling Box Building Interior	July 2009
523	(Three-Stage) Grease Interceptor	July 2009
524	Control Sampling Manhole	July 2009
525	Recreational Vehicle Disposal Facility	July 2009
526	Food Facility Enclosure	July 2009
530	General Sewer System Testing	July 2009
530A	General Sewer System Testing	July 2009
530B	Sewer Manhole Testing	July 2009
531	Low-Pressure Air Test Table	July 2009
532	PVC Sanitary Sewer	July 2009
533	Pipe/Structure Penetration Detail	July 2009
534	4" Combination Air Valve for Sewer Force Mains	July 2009

## ENGINEER'S LIST OF APPROVED ITEMS

for use with Sewer Design Standards

Approved:           H. M. G.          

Effective:           9/25/2022          

### Standard 500 - Standard Precast Concrete Manhole for Sanitary Sewer

#### Precast Base & Barrels

Cook Concrete Products, Inc.  
Central Precast Concrete, Inc.  
KriStar Enterprises, Inc.

#### Connectors

Cast in PVC Coupler  
"A LOK" or "A LOK X-CEL"  
"A LOK" flexible, Rubber "boot", or PVC coupler

**Note: City will require shop drawings submitted for approval.**

#### Manhole Interior Patch Material

All Crete 20  
All Patch 5  
All Patch 20  
Rapid Set Mortar Mix  
Rapid Set Cement All  
SikaSet Mortar  
Speed Crete Red  
Speed Crete Blue  
Xypex Patch and Plug

Cast in Place Base Water Stops  
Press-Seal Gasket Corp.

WS Series Water Stop

HDPE Grade Rings  
Ladtech

Construction Foam  
Seal Guard

XSeal

Corrosion Tape  
Scotchrap

6" All-weather Tape (or approved equivalent)

### Standard 505 - Rodding Inlet

Rim and Cover  
D&L Supply  
South Bay Foundry

HG 531  
SBF 1249

### Standard 506 - Temporary Mainline Cleanout

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Approved: *John M. Smith*

Rim and Cover

Famcon Pipe & Supply, Inc Pamrex 24

### Standard 511 – Sanitary Sewer Manhole Frame and Cover\*

Manhole Frame and Cover

EJ series

26" Assembly

2600 Series

32" Assembly

3200 Series

\*For sanitary sewer & storm sewer manholes only; must be equipped with twistlift lock option

### Standard 512 – Manhole Frame and Cover\*\*

Manhole Frame and Cover

Famcon Pipe & Supply, Inc Pamrex 24

\*\*For grease interceptors only

### Standard 513 – 4" & 6" Sewer Service Lateral & Cleanout

Cleanout Box 4"

D & L Supply

M-8030

Geneco

CC4 w/Lid marked sewer

South Bay Foundry

B5230

Cleanout Box 6"

Geneco

CC6 w/Lid marked sewer

Flush Mount "T" Cone Plug

ETCO

CO-402

Flush Plug (MPT) 4" & 6"

Multi Fittings

040492 (283440) – 4"

040958 (283060) – 6"

Female Adapter (HxFPT) 4" & 6"

Multi Fittings

040949 (282541) – 4"

040952 (282560) – 6"

Saddle or Taps

Geneco

Sealtite

Tap-tite

Romac

Style "CB" Sewer Saddle

Couplings

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Joints, Inc.	Calder Couplings
Fernco	1051-44, 1056-44, 1002-44
Indiana Seal	156-44
Mission	Band-Seal Couplings
Mission	Flex-Seal Couplings

### Standard 516, 517 - Sewer-Water Main Crossing Details - Miscellaneous Pipe Installation Details

#### Couplings

APAC	300 Series
Dresser	Style 253
Fernco	1000 Series
Joints, Inc.	Calder Couplings
Maxifit	MaxiDaptor
Mission	Band-Seal Couplings
Mission	Flex-Seal Couplings
Powerseal	3500 Series
Romac	501 Series
Smith-Blair	441 Series
Tyler Pipe	5-144L
U.S. Pipe	U-584

### Standard 520 - Three Stage Sand and Grease Interceptor

#### Pre-manufactured Tanks

Central Precast Company (SRCAST)  
McNothingham  
Selvage Concrete Products

### Standard 521 - Sampling Manhole Exterior Use

#### Precast Base

Aluminum Floor Hatch  
FHA-H20 Load Angle Frame  
Johnson Products  
Nystrom

### Standard 522 - Sampling Box Building Interior

#### Precast Box

Aluminum Floor Hatch

## ENGINEER'S LIST OF APPROVED ITEMS

for use with Sewer Design Standards

Approved: *Vanessa Garrett*

FHA-H20 Load Angle Frame  
Johnson Products  
Nystrom

### Standard 523 - Three Stage Grease Interceptor

Tanks  
Central Precast Company (SRCAST)  
Johnson Products  
McNothingham  
Selvage Concrete Products

### Standard 524 - Control Sampling Manhole

Precast Box  
Aluminum Floor Hatch

### Standard 525 - Recreational Vehicle Disposal Facility

Cleanout Box & Cover  
See City Standard 513

### Standard 533 – Pipe Penetration Detail

Modular Seals  
Pipeline Seal & Insulation, Inc.      Link-Seal Modular Seals

### Standard 534 – 4" Combination Air Valve for Sewer Force Mains

Vento-O-Mat Series RGX

APPROVED:

*Vanessa Garrett*

Vanessa Garrett  
City Engineer