

ENGINEER'S LIST OF APPROVED ITEMS  
FOR USE WITH SEWER SYSTEM CONSTRUCTION  
VERSION DATE: SEPTEMBER 2017

EFFECTIVE: September 5, 2017

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

**Precast Base**

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

**Pipe to Precast Manhole Connectors**

A LOK "Premium"  
A LOK "X-CEL"

**Manhole Joint Seal**

Ram Nek "RN101"  
Conseal "CS-102"

**Pipe to Cast In Place Manhole Connectors**

Fernco "CMA" Series  
Calpico Inc. "Manhole Adapter Seal"  
Christy "Manhole Water-Stop Gasket"

**Coupling**

PVC to PVC  
Mission  
Fernco  
Indiana Seal  
Joints Couplings

"SDR 26 PVC Gasket x Gasket"  
"Flex-Seal ARC"  
"Strong Back RC 5000 Series"  
"Amazon shear Ring"  
"Calder Repair Couplings (CRC)"

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

**Manhole Interior Coatings**

Koester NB1  
Tegraproof  
Xypex

**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

**Standard 505 - Mainline Cleanout - Permanent**

**Rim and Cover**

D & L Supply  
South Bay Foundry  
Star Pipe Products

H8026 CPH  
SBF 1257  
COB15S

**Plug**

Cherne Industries "Original" End of Pipe Gripper  
IPS Corporation "Twist-Tite" End of Pipe Mechanical Plug

**Standards 506 - Temporary Mainline Cleanout**

**Rim and Cover**

D & L Supply	H6531
South Bay Foundry	SBF-1249

**Plug**

Cherne Industries	“Original” End of Pipe Gripper
IPS Corporation	“Twist-Tite” End of Pipe style

**Standard 512 - Manhole Frame and Cover**

**Manhole Frame and Cover**

D & L Supply	A-1024
South Bay Foundry	SBF 1900 CPH
Star Pipe Products	MH24SBSSCP

**Manhole Frame and Cover w/ bolt down cover**

D & L Supply	A-1024 with 1/2” S.S. bolts
South Bay Foundry	SBF 1900 BS with 1/2” S.S. bolts

**Standard 513 & 513A - 4" & 6" Sewer Service Lateral & Cleanout**

**Cleanout Box - 4" (lid marked “SEWER”)**

D & L Supply	M-8030
Geneco	CC4
South Bay Foundry	B5230

**Cleanout Box - 6"**

Geneco	CC6
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**Plug**

IPS/Test-Tite	Flush Mount T-Cone Plug
	4” – S 401
	6” – S 601

Cherne Industries	“Original” End of Pipe Gripper
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**Saddle or Taps**

Geneco	Sealtite
Tap-tite	
Romac	Style "CB" Sewer Saddle

**Coupling**

PVC to PVC	“SDR 26 PVC Gasket x Gasket”
Mission	“Flex-Seal ARC”
Fernco	“Strong Back RC 5000 Series”
Indiana Seal	“Amazon shear Ring”
Joints Couplings	“Calder Repair Couplings (CRC)”

**Standard 517 - Miscellaneous Pipe Installation Details**

**Couplings**

APAC	300 Series
Dresser	Style 253
Fernco	Shielded “Sheer Ring style” Couplings

Joints, Inc.  
Mission

Ford  
Romac  
Smith-Blair

Calder Repair Couplings w/sheer ring  
Band-Seal Specialty Couplings  
Flex-Seal Adjustable Repair Couplings  
Ultra-Flex  
501 Series  
Quantum Series

**Mechanical Joint Solid Sleeve**

Tyler Union  
Star  
Sigma  
U.S. Pipe

**Standard 519 - Two Stage Grease Interceptor**

**Pre Manufactured Tanks**

Jonson Precast  
McNothingham Concrete Precast  
Selvage Concrete Products

**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 Box**

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

**Aluminum Floor Hatch (FHA-H20 Load Angle Frame)**

Johnson Products  
Nystrom

**Standard 522 - Sampling Box Building Interior**

**Precast Box**

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

**Aluminum Floor Hatch (FHA-H20 Load Angle Frame)**

Johnson Products  
Nystrom

**Standard 523 - Three Stage Grease Interceptor**

**Pre Manufactured Tanks**

Central Precast Company (SRCAST)

Johnson Products  
McNothingham  
Selvage Concrete Products

**Standard 524 - Control Sampling Manhole**

**Precast Box**  
Submittal

**Aluminum Floor Hatch**  
Submittal

**Standard 525 - Recreational Vehicle Disposal Facility**

**Cleanout Box & Cover**  
See STD-513

**Standard 527 - Sewage Backwater Valve Assembly**

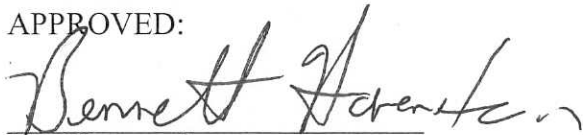
**Backwater Valve**  
RectorSeal  
Sioux Chief  
Sioux Chief

Clean Check Extendable  
ProCheck  
DWV

**Box & Cover**  
4" Backwater Valve  
6" Backwater Valve

6" Geneco Box CC6 w/Lid marked "Sewer"  
Christy G05 Box w/Cast Iron Lid marked "Sewer"

APPROVED:



Ben Horenstein  
Water Department Director