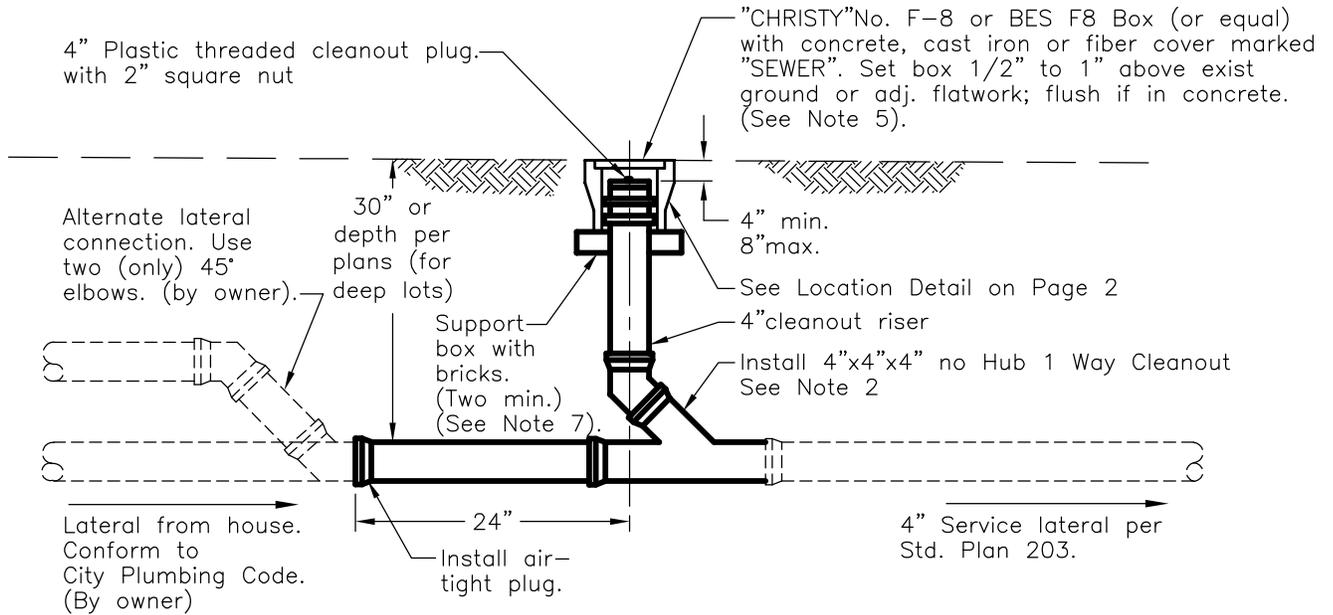




# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## Wastewater Service Cleanout



**Notes:**

1. Install cleanout on all 4" wastewater services unless otherwise specified.
2. 45° Wye & 45° elbow combination shall be Polyvinyl Chloride (PVC) per ASTM D-3034 SDR 35 or Acrylonitrile-Butadiene-Styrene (ABS) per ASTM D-2751, Cast Iron Soil Pipe (ASTM A74, service unit) or Ductile Iron (ASTM A746) or VCP Wye tee ASTM C-425. See Material List Page 2.
3. Backfill shall conform to Std. Plan 501.
4. Maintenance of lateral shall be per City "Wastewater Lateral Maintenance Policy"
5. In commercial driveways. Use "Christy" G-5 box W/G-5C lid or BES equal; in residential driveways replace concrete lid with cast iron lid.
6. When service is installed with water service, terminate even with the water stub.
7. Support box not needed if set in concrete.

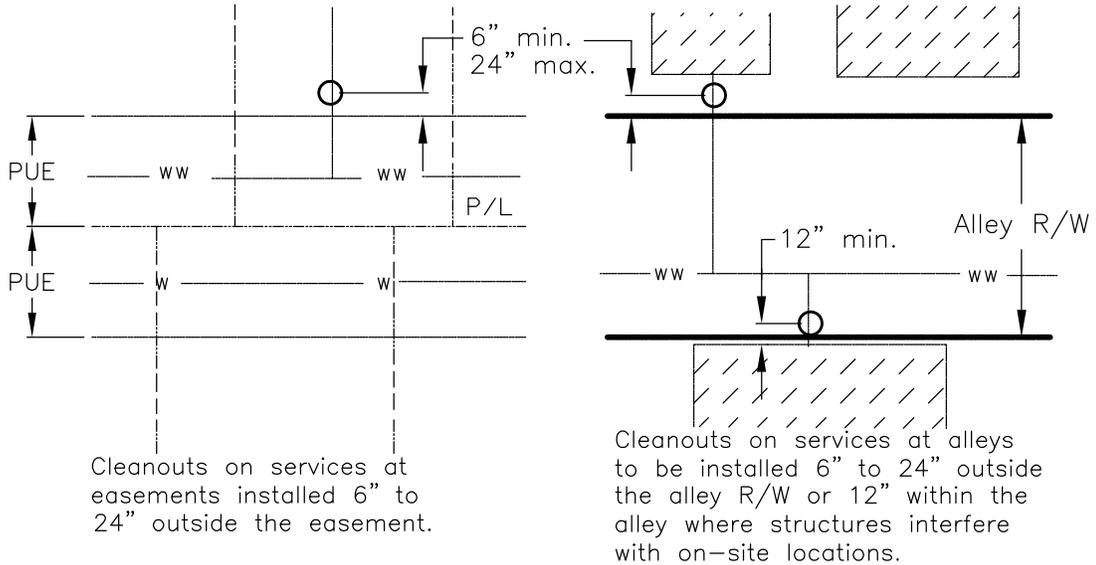
Related Plans:  
203, 506

Sheet 1 of 2

Dr. KT	No. 1	Date 9/03	Revision MOVED C.O. LOCATION	Appr.	Approved By: <i>F. Wally Sandelin</i>	Date 9/25/02	STD PLAN <b>201</b>
Ch. WS					F. Wally Sandelin City Engineer R.C.E. 39895		
Date 12/00							



LOCATION DETAILS

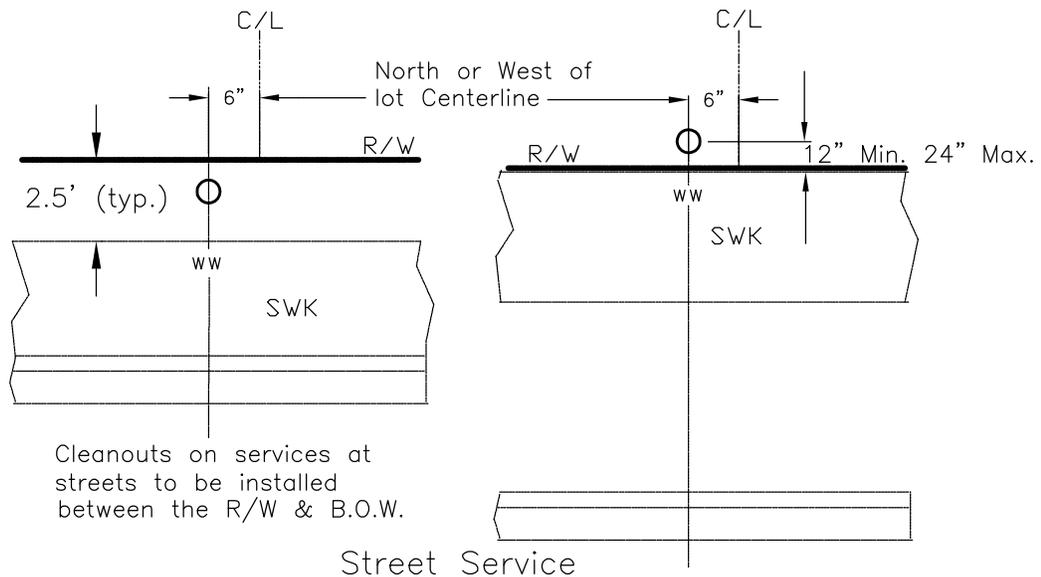


Cleanouts on services at easements installed 6" to 24" outside the easement.

Easement Service

Cleanouts on services at alleys to be installed 6" to 24" outside the alley R/W or 12" within the alley where structures interfere with on-site locations.

Alley Service



Cleanouts on services at streets to be installed between the R/W & B.O.W.

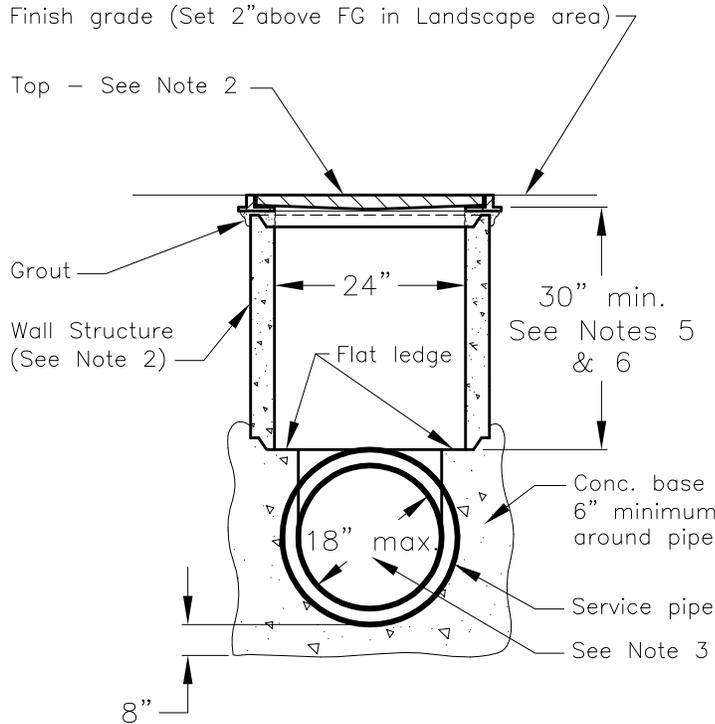
Street Service

Material List for STD PLN 201  
City Approved 1-Way Cleanouts (a)

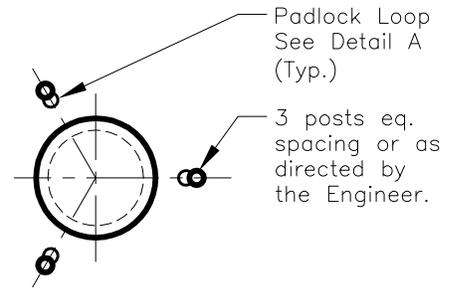
GPK Products Inc.	Solvent Weld SCH 40 DWV
Mueller Industries, Inc.	TY Long Turn

(a) or approved equal

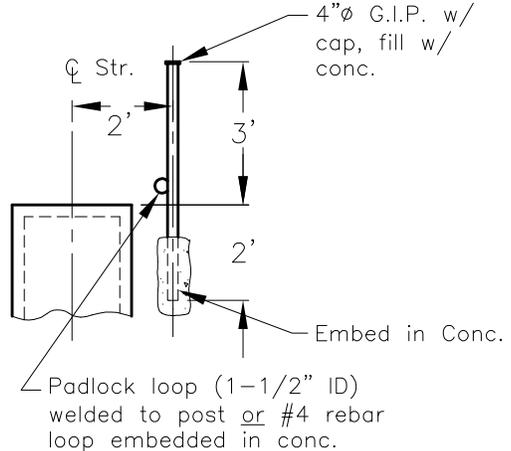
Dr. KT	No.	Date	Revision	Appr.	Approved By: <i>F. Wally Sandelin</i> F. Wally Sandelin City Engineer R.C.E. 39895	2/12/04 Date
Ch. WS	1	9/03	MOVED C.O. LOCATION			
	2	2/04	REVISED LOT DIMENSION			
Date 12/00						



Section



Bollard Location Detail



Detail A

Notes:

- Monitoring structures shall be installed on storm and wastewater services when required by the Engineer or as shown on the plans. Normal location is between the back of sidewalk and the R/W.
- Construction guidelines:
 

Location	Wall	Top
Traffic Area	Precast conc. per ASTM C-478 or 6" CIP conc.	Frame & Cover per Std Plan 309
Landscape Area	Precast pipe - VCP, RCP or CP	Expandable Plug
- For services over 18"Ø, consult Engineering Division.
- Monitoring structure to be privately owned and maintained.
- Where 30" min. depth cannot be maintain, the structure shall be located behind the sidewalk and be installed with padlock loop per Detail A.
- Posts required when structure is less than 30" and is located in a traffic area.
- For trench backfill requirements, See Std. Pln 501.

Dr. KT	No.	Date	Revision	Appr.	Approved By: <i>F. Wally Sangelin</i>	12/28/00	STD PLAN <b>202</b>
Ch. WS					F. Wally Sangelin City Engineer R.C.E. 39895	Date	
Date 12/00							

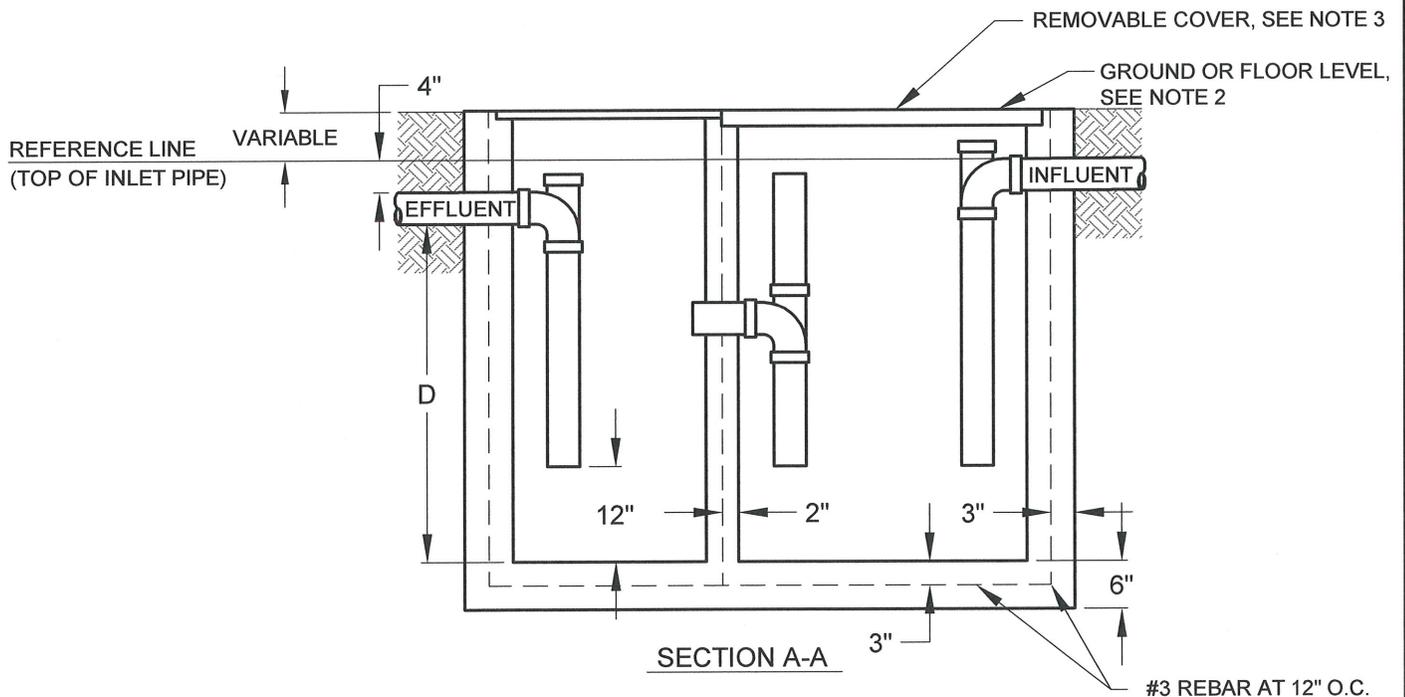
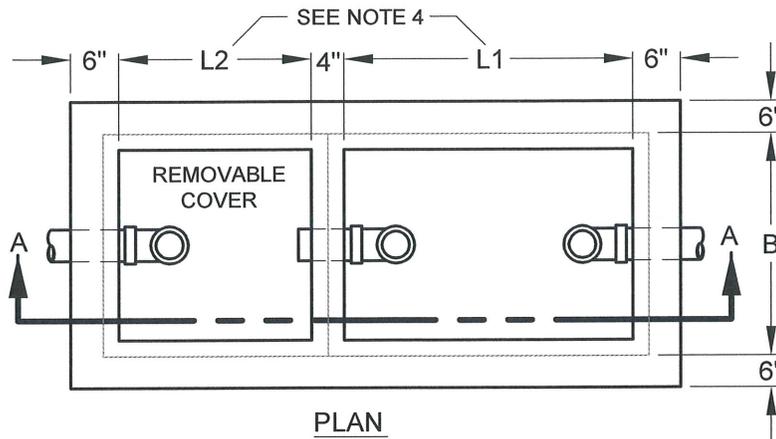




# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## WASTEWATER INTERCEPTOR



### NOTES:

1. PRECAST COMMERCIAL UNITS ARE ACCEPTABLE WITH PRIOR APPROVAL.
2. WASTE INTERCEPTOR SHALL NOT BE LOCATED IN HEAVY TRAFFIC AREAS. INTERCEPTOR SHALL BE INSTALLED AT GROUND SURFACE ELEVATION HIGHER THAN ALL STORM SEWER INLET ELEVATIONS ON THE PROPERTY.
3. REMOVABLE COVER DESIGN SHALL BE DICTATED BY STRENGTH AND LOCATION REQUIREMENTS AS DETERMINED BY THE INSTALLER, BUT SHALL BE OF SUCH DESIGN TO PROVIDE CONVENIENT ACCESS TO EACH ENTIRE COMPARTMENT FOR CLEANING. THE COVER MAY BE SECTIONAL, BUT SHALL BE OF SOLID DESIGN, ESSENTIALLY WATERPROOF, INSTALLED AT OR NEAR GROUND OR FLOOR LEVEL AND KEPT CLEAR OF ALL OBSTRUCTIONS SO AS TO BE READILY ACCESSIBLE FOR CLEANING AND INSPECTION.
4. FOR FLOWS OVER 165 GPM THE CAPACITY OF INTERCEPTOR REQUIRED FOR WASTE SHALL BE INDIVIDUALLY DETERMINED BY PUBLIC WORKS DEPARTMENT.
5. WASTE INTERCEPTOR TO BE OUTSIDE ANY FENCING AND SUBJECT TO INSPECTION AT ALL TIMES.

SHEET 1 OF 2

Dr.	JP	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch.	SN					<i>Lyman Chang</i>	204
Date	6/18					6/5/18 Date	
						Lyman Chang City Engineer RCE No. 53149	



# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## WASTEWATER INTERCEPTOR

PEAK FLOW INTO INTERCEPTOR (GPM)	INCHES			
	B	D	L1	L2
0-67	24	30	36	24
67-112	30	30	48	30
112-165	36	36	60	36

OVER 165 GPM, SEE NOTE 4 ON SHEET 1

**NOTE:**

TOTAL RATED DISCHARGE CAPACITY OF ALL FIXTURES, EQUIPMENT OR APPLIANCES DISCHARGING INTO INTERCEPTOR IN ACCORDANCE WITH UNIFORM PLUMBING CODE OR ACTUAL FLOW RATE.

SHEET 2 OF 2

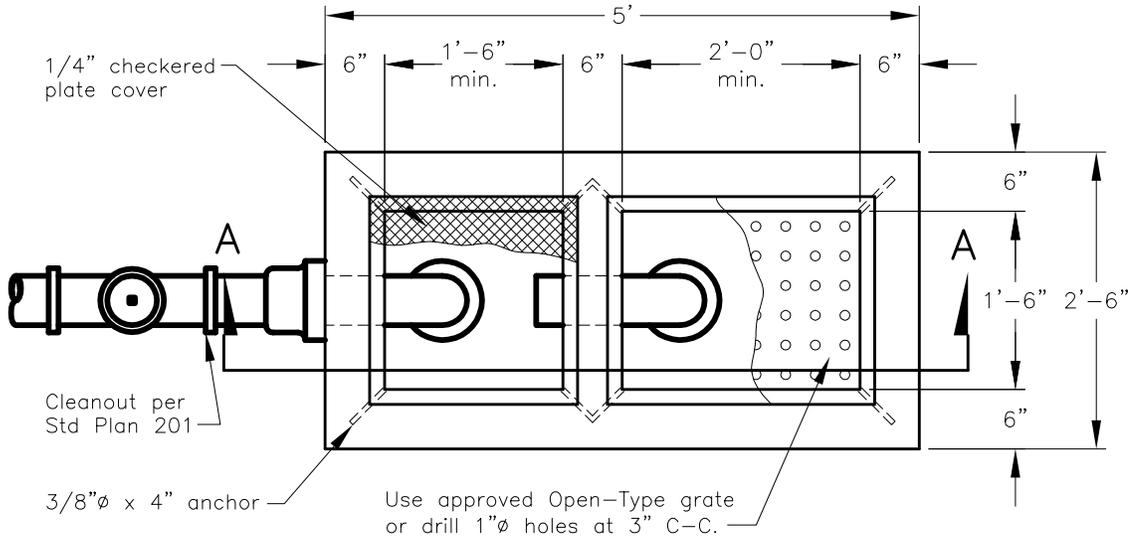
Dr. JP	No.	Date	Revision	Appr.	Approved By:  Lyman Chang City Engineer RCE No. 53149	Date 6/5/18	STD PLAN 204
Ch. SN							
Date 6/18							



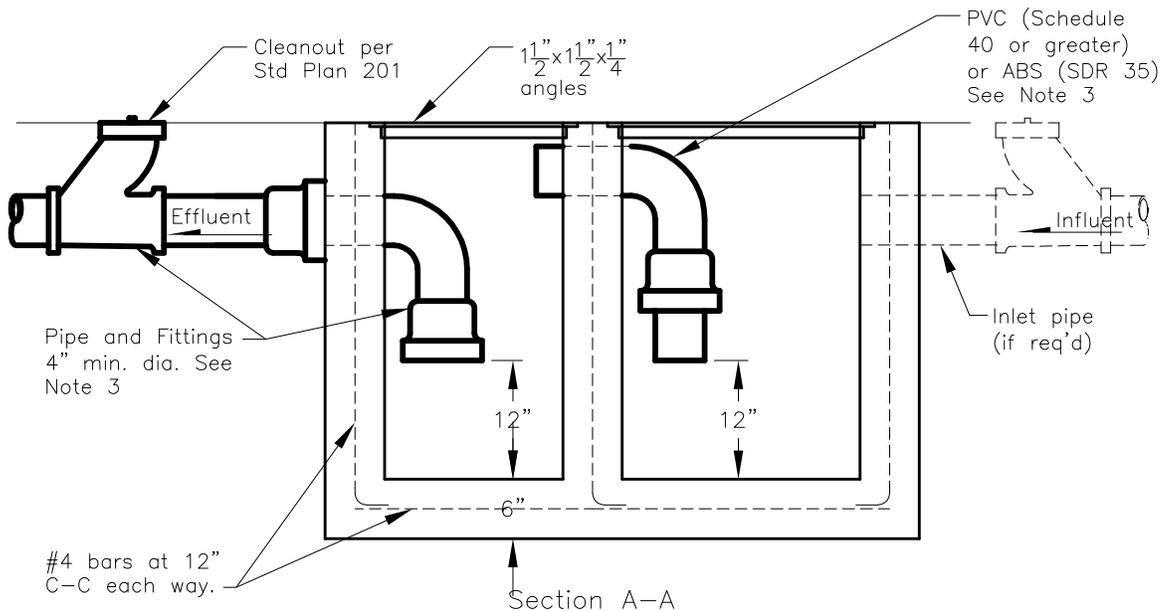
# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## Sand/Oil Trap



Plan



Section A-A

Notes:

1. All exposed steel to be galvanized after fabrication.
2. Precast commercial units are acceptable with prior approval.
3. For petrochemical applications cast iron fittings and piping shall be used.
4. Floor to drain to open grate or drilled plate cover.

Dr. KT	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. WS					<i>F. Wally Sandelin</i>	205
Date 12/00					F. Wally Sandelin City Engineer R.C.E. 39895	12/28/00 Date