

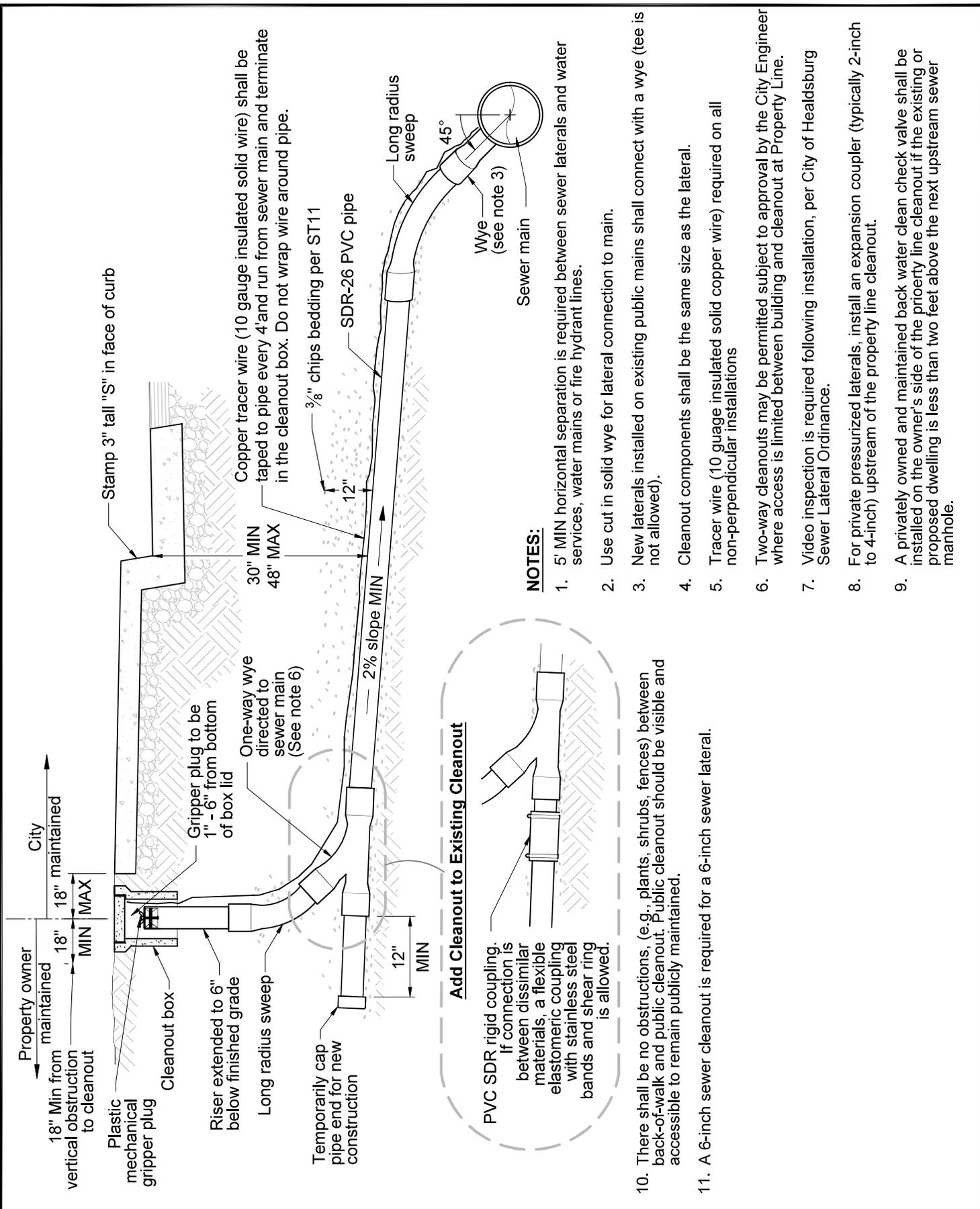
# HEALDSBURG PUBLIC WORKS STANDARDS

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<b>SEWER</b>	SS01	Sewer Lateral
	SS02	Sewer Manhole
	SS03	Two Stage Grease Interceptor (with sampling manhole)
	SS04	Inside Drop (in Sanitary Sewer Manhole)

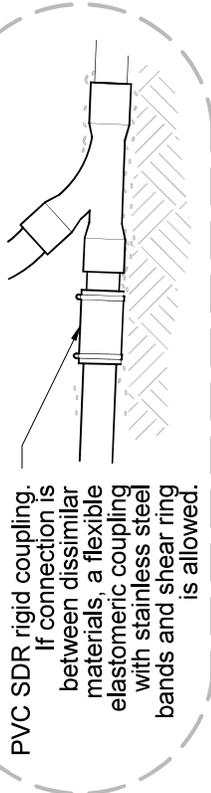
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**NOTES:**

1. 5' MIN horizontal separation is required between sewer laterals and water services, water mains or fire hydrant lines.
2. Use cut in solid wye for lateral connection to main.
3. New laterals installed on existing public mains shall connect with a wye (tee is not allowed).
4. Cleanout components shall be the same size as the lateral.
5. Tracer wire (10 gauge insulated solid copper wire) required on all non-perpendicular installations
6. Two-way cleanouts may be permitted subject to approval by the City Engineer where access is limited between building and cleanout at Property Line.
7. Video inspection is required following installation, per City of Healdsburg Sewer Lateral Ordinance.
8. For private pressurized laterals, install an expansion coupler (typically 2-inch to 4-inch) upstream of the property line cleanout.
9. A privately owned and maintained back water clean check valve shall be installed on the owner's side of the priority line cleanout if the existing or proposed dwelling is less than two feet above the next upstream sewer manhole.

**Add Cleanout to Existing Cleanout**



10. There shall be no obstructions, (e.g., plants, shrubs, fences) between back-of-walk and public cleanout. Public cleanout should be visible and accessible to remain publicly maintained.

11. A 6-inch sewer cleanout is required for a 6-inch sewer lateral.



**SEWER LATERAL**

STANDARD DETAIL

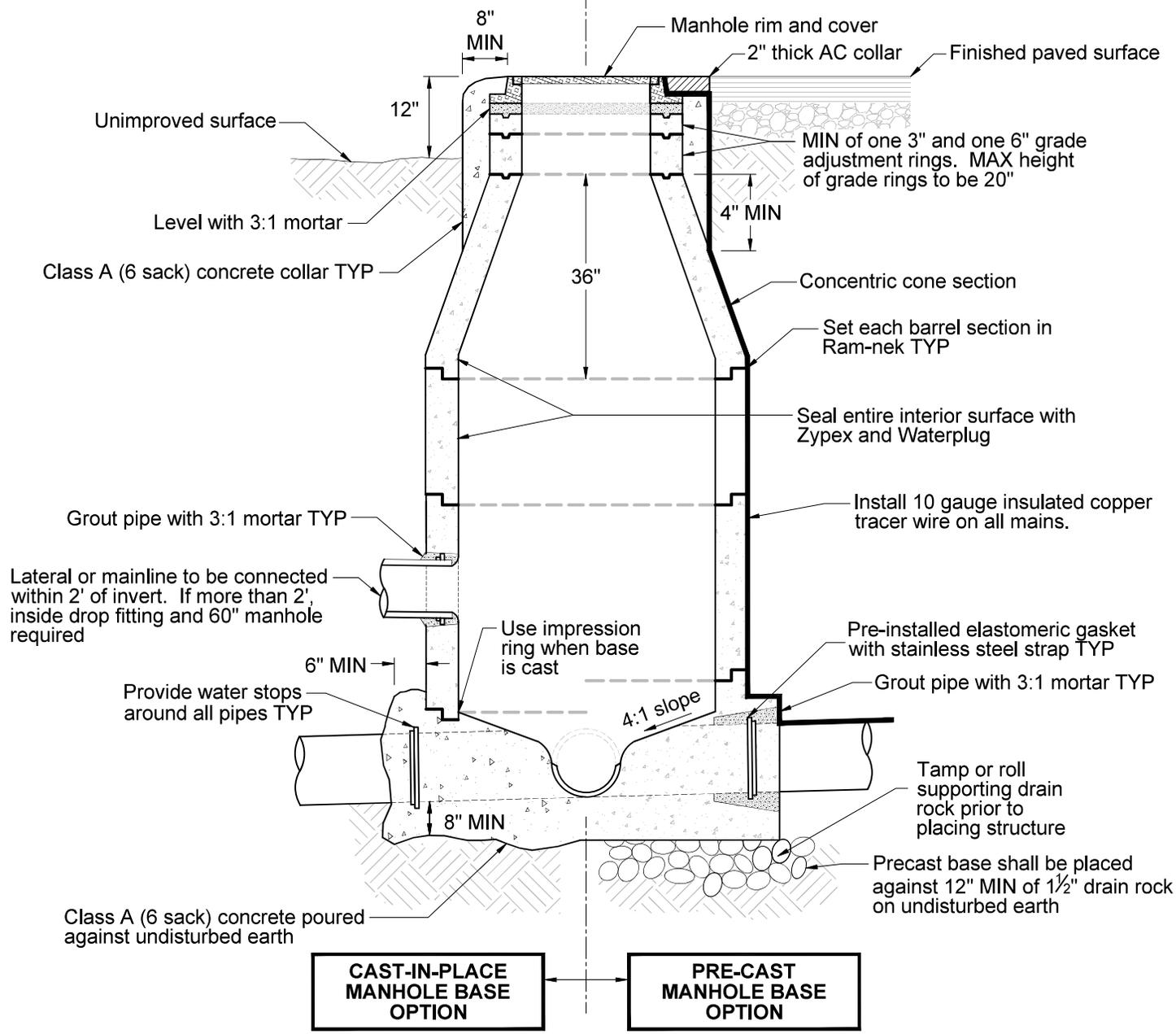
**SS01**

SCALE: NONE

APPROVED: *Larry Zimmer*  
Director of Public Works Larry Zimmer

DATE: June 2024

**NON-ROADWAY AREAS**      **ROADWAY**



**NOTES:**

1. After lower ring section is set, break out top half of pipe (leave lower half of pipe in place) flush with inside face of manhole wall and construct shelf and U-shaped channel. Make elevation changes gradual and directional changes with smooth curves. Slope and size of channels shall match upstream and downstream pipes.
2. No steps are permitted in the manhole.
3. Bolt down lids with water tight gasket are required for manholes within 100' of a waterway where an overflow could discharge directly into the waterway and in unfinished/unimproved areas and in schools.



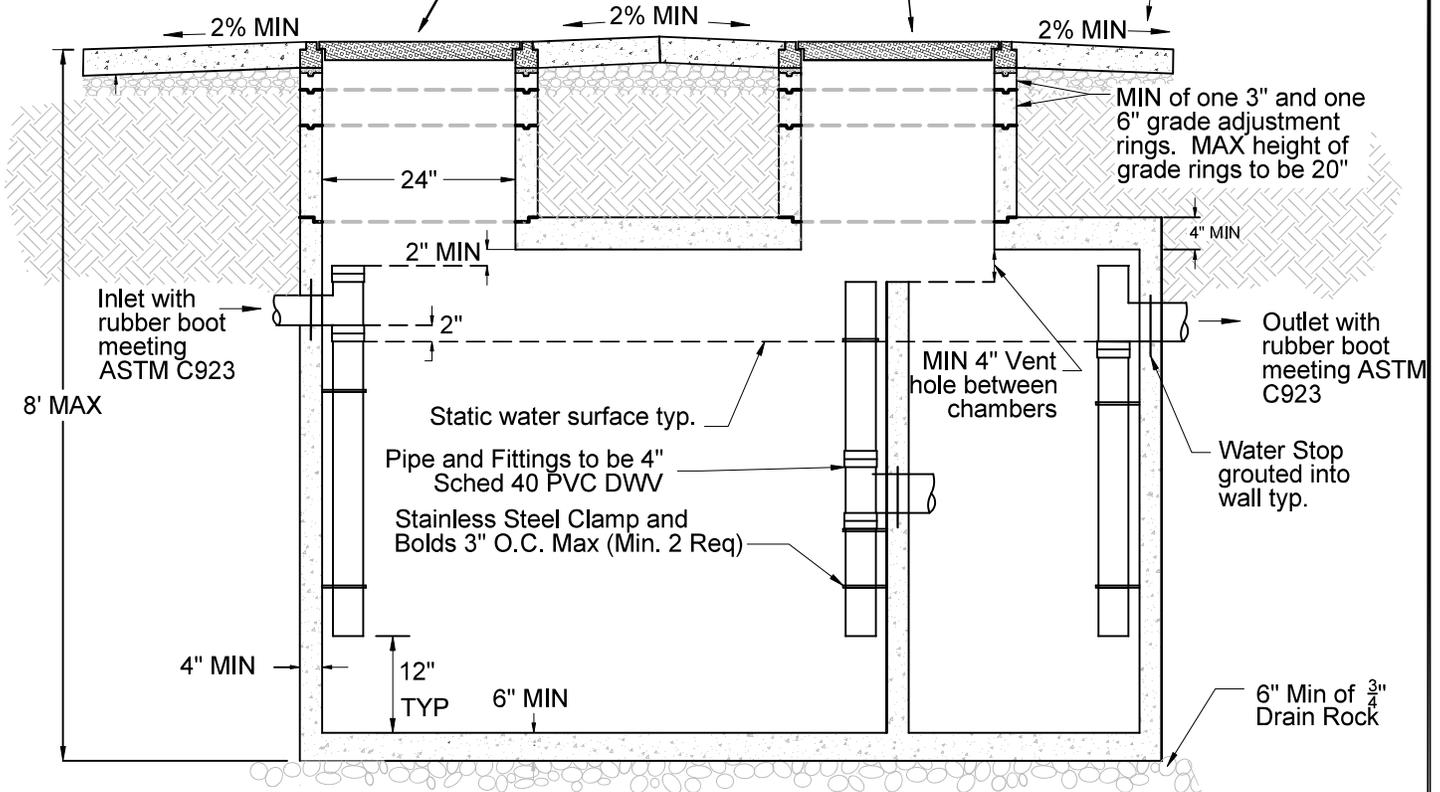
<h1>SEWER MANHOLE</h1>		
SCALE: NONE	APPROVED: <i>Larry Zimmer</i> Director of Public Works Larry Zimmer	DATE: June 2024

STANDARD DETAIL

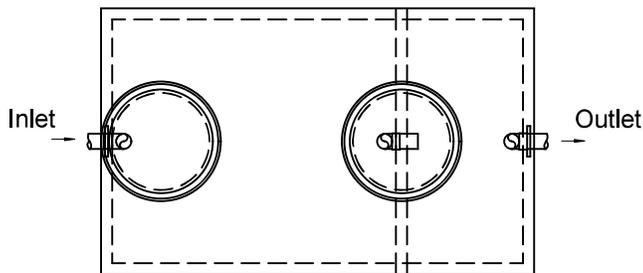
# SS02

MH FRAME, COVER, GRADE RINGS AND CONCRETE COLLAR PER STD DWG SD-02

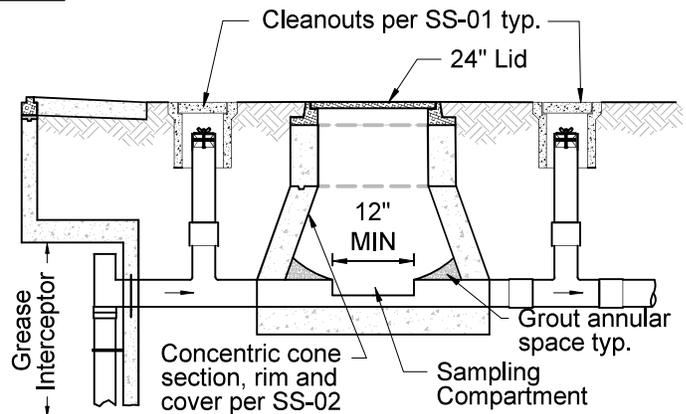
4-in Thick Concrete Collar to extend a min of 24" min beyond all sides of tank in traffic areas



**PROFILE VIEW**



**PLAN VIEW**



**SAMPLING MANHOLE**

**NOTES:**

1. Tank to be precast and sized to fit application with a minimum retention time of 30 minutes (1000 gallon minimum).
2. Grease interceptors must be located outside of building in location accessible to hauler and outside of public right of way.
3. Protective coating shall cover all internal surfaces and meet the criteria of ASTM D-4541 and C-882
4. Invert grades of inlet and outlet pipes to be provided by design engineer.
5. Wall thicknesses shown are minimum. Grease Interceptor shall be designed for AASHTO H-20 surface loading plus active soil pressure loading and conform to ASTM C1613



# Two Stage Grease Interceptor with Sampling Manhole

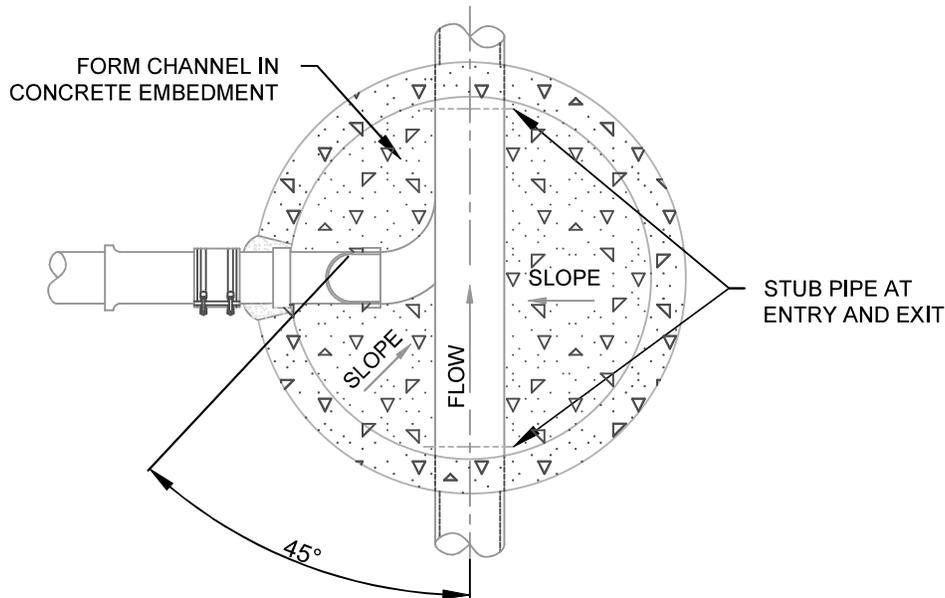
STANDARD DETAIL

## SS03

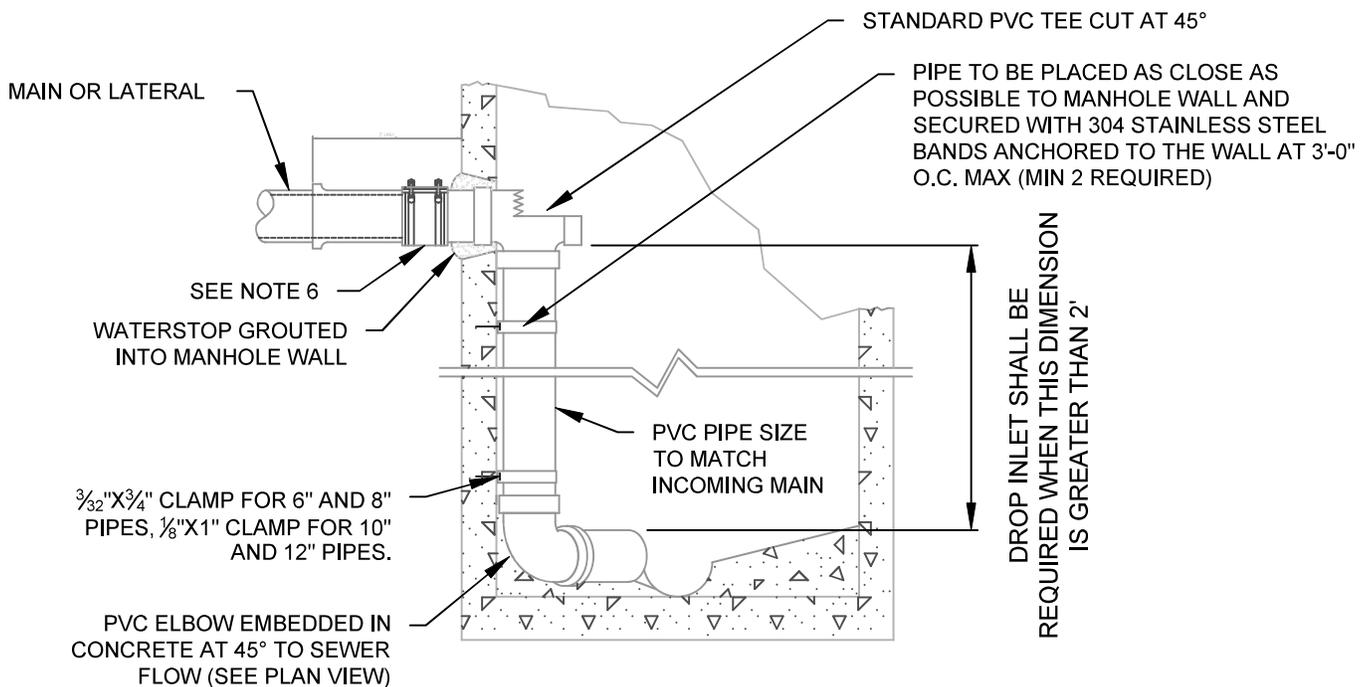
SCALE:  
NONE

APPROVED: *Larry Zimmer*  
Director of Public Works Larry Zimmer

DATE: June  
2024



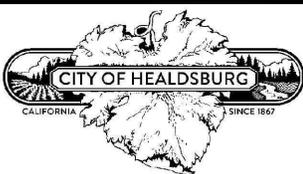
**PLAN**



**ELEVATION**

Notes:

1. Install waterstop in accordance with manufacturer's instructions as shown.
2. New manholes constructed using this standard shall be a minimum of 48-inches in diameter, and installed in conformance with standard SS02.
3. All drop piping and fittings to be SDR-26 PVC remove bell.
4. Flexible rubber coupling with stainless steel shear band required if main or lateral in not PVC material.



**INSIDE DROP**  
in Sanitary Sewer Manhole

STANDARD DETAIL

**SS04**

SCALE:  
NONE

APPROVED: *Larry Zimmer*  
Director of Public Works Larry Zimmer

DATE: June  
2024