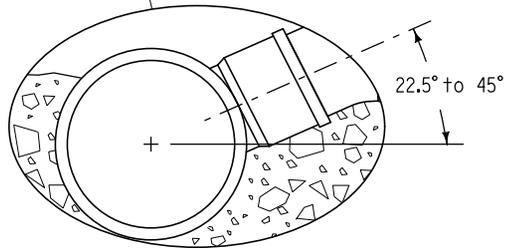
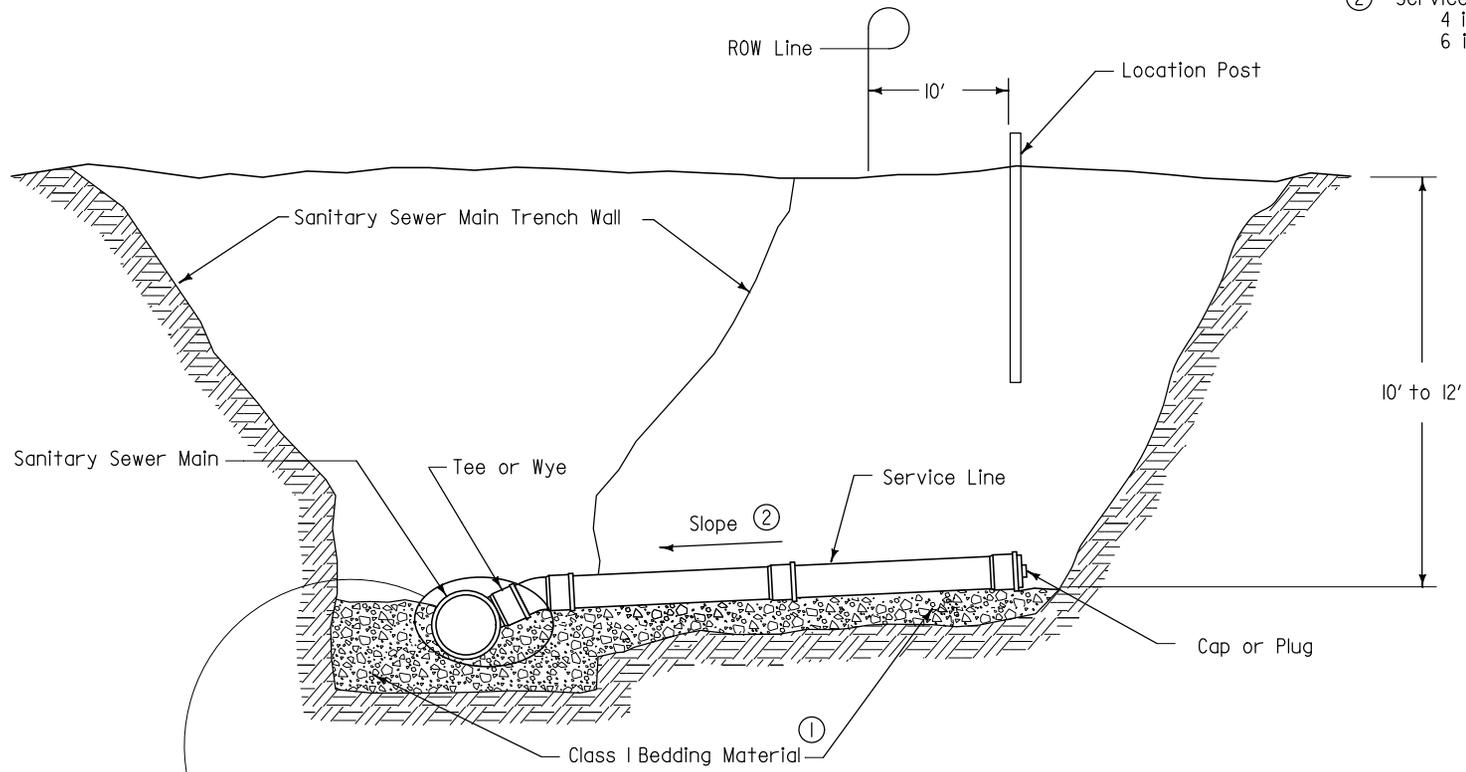


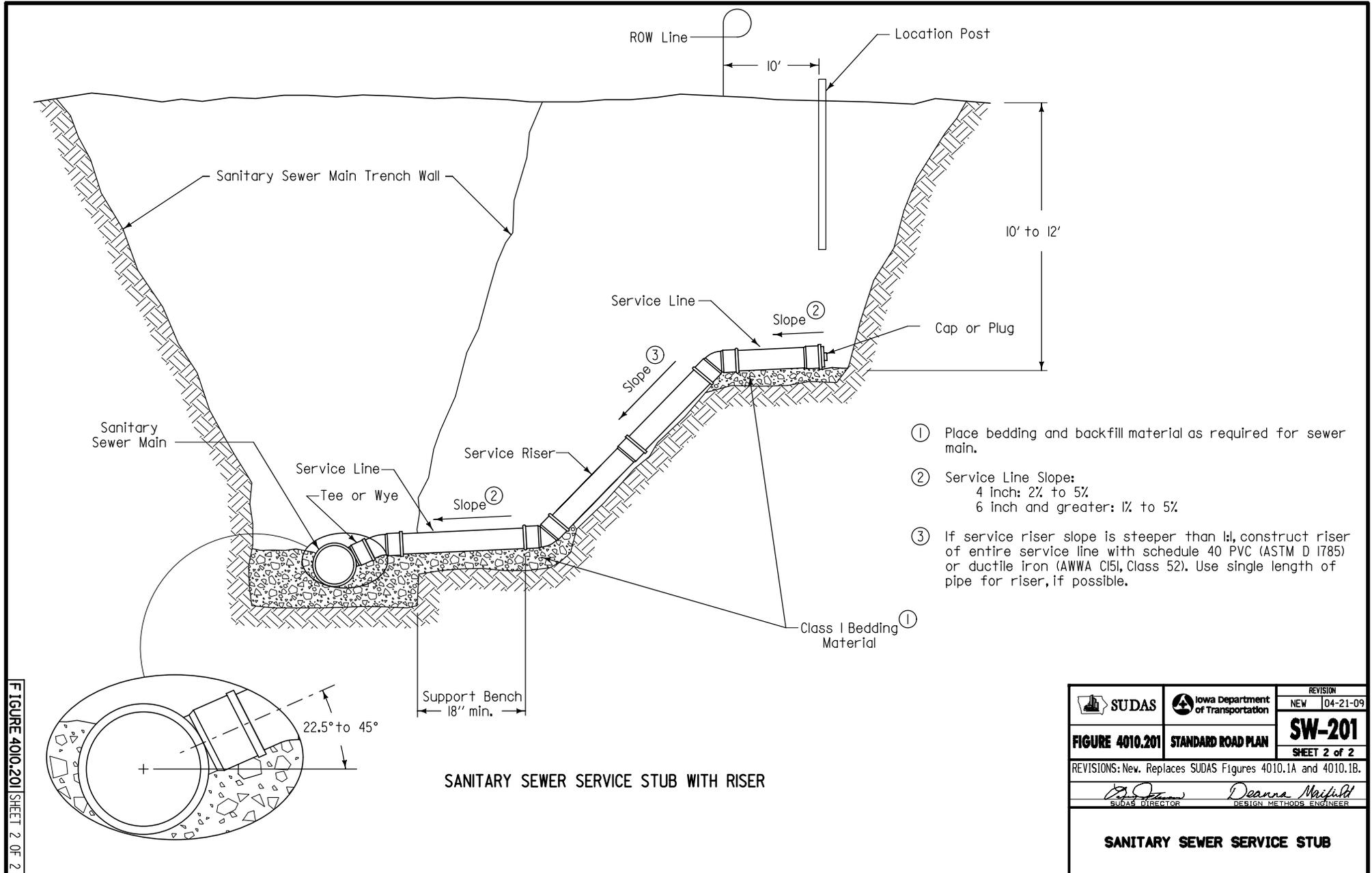
- ① Place bedding and backfill material as required for sewer main.
- ② Service Line Slope:  
4 inch: 2% to 5%  
6 inch and greater: 1% to 5%



**SANITARY SEWER SERVICE STUB**

FIGURE 4010.201 | SHEET 1 OF 2

SUDAS	Iowa Department of Transportation	REVISION
		NEW 04-21-09
<b>FIGURE 4010.201</b>	<b>STANDARD ROAD PLAN</b>	<b>SW-201</b>
		SHEET 1 of 2
REVISIONS: New. Replaces SUDAS Figures 4010.1A and 4010.1B.		
SUDAS DIRECTOR		DESIGN METHODS ENGINEER
<b>SANITARY SEWER SERVICE STUB</b>		



- ① Place bedding and backfill material as required for sewer main.
- ② Service Line Slope:  
4 inch: 2% to 5%  
6 inch and greater: 1% to 5%
- ③ If service riser slope is steeper than 1:1, construct riser of entire service line with schedule 40 PVC (ASTM D 1785) or ductile iron (AWWA C151, Class 52). Use single length of pipe for riser, if possible.

SANITARY SEWER SERVICE STUB WITH RISER

FIGURE 4010.201 SHEET 2 OF 2

SUDAS	Iowa Department of Transportation	REVISION
		NEW 04-21-09
<b>FIGURE 4010.201</b>	<b>STANDARD ROAD PLAN</b>	<b>SW-201</b>
		SHEET 2 of 2
REVISIONS: New. Replaces SUDAS Figures 4010.1A and 4010.1B.		
SUDAS DIRECTOR	DESIGN METHODS ENGINEER	
<b>SANITARY SEWER SERVICE STUB</b>		