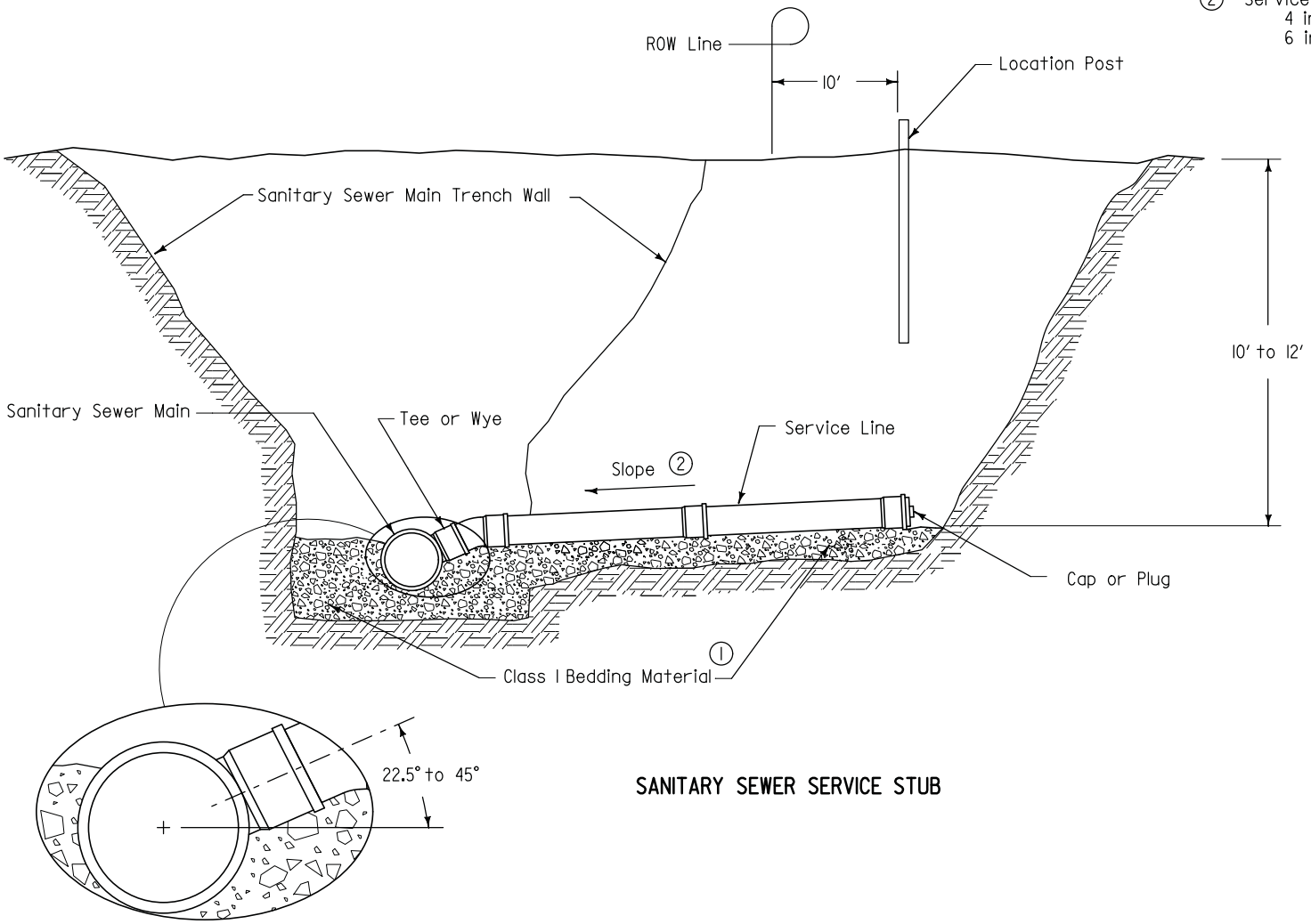
① Place bedding and backfill material as required for sewer main.

② Service Line Slope:
4 inch: 2% to 5%
6 inch and greater: 1% to 5%



SANITARY SEWER SERVICE STUB

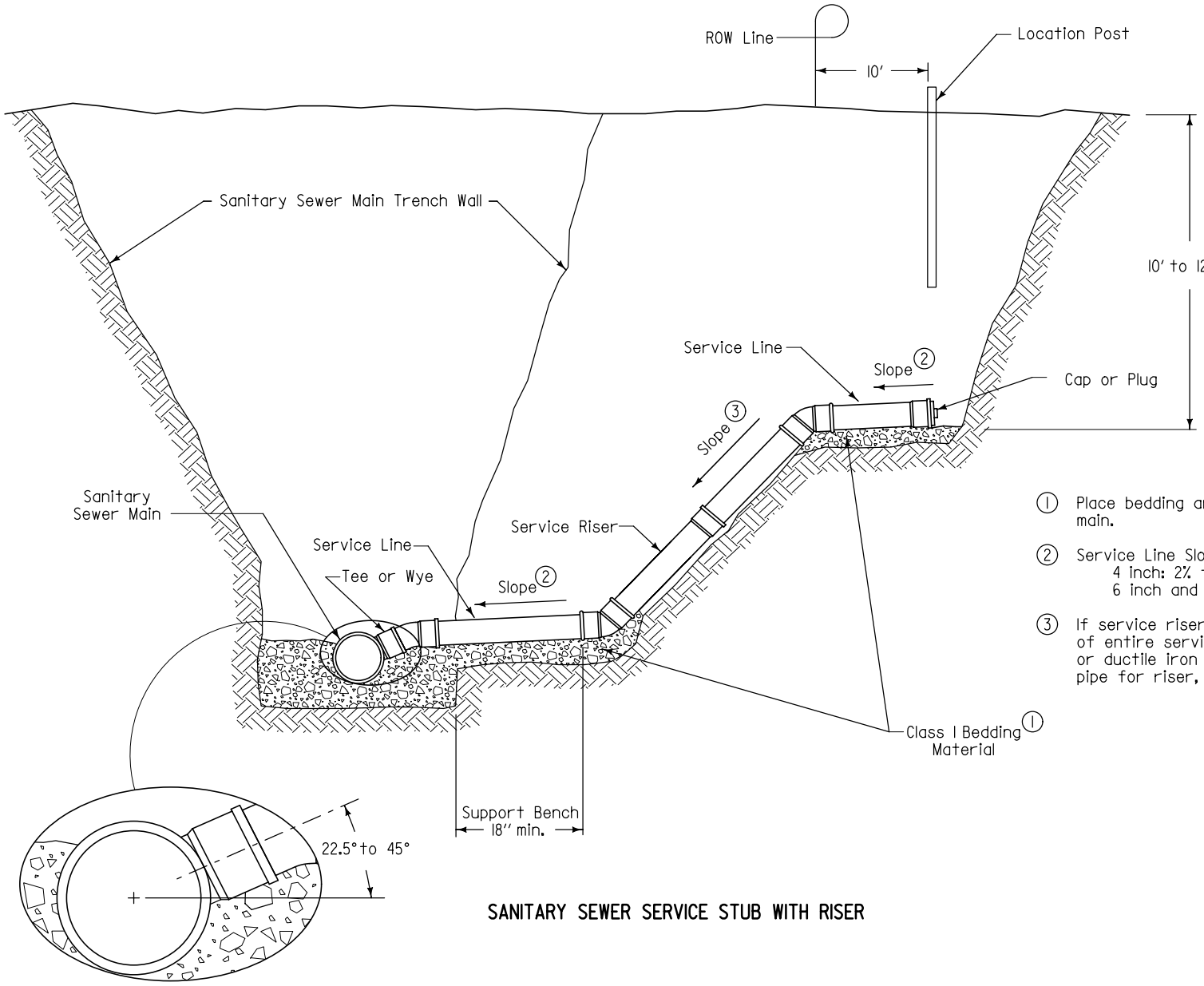
FIGURE 4010.201 SHEET 1 OF 2

SUDAS	Iowa Department of Transportation	REVISION: NEW 04-21-09
FIGURE 4010.201	STANDARD ROAD PLAN	SW-201 SHEET 1 of 2

REVISIONS: New. Replaces SUDAS Figures 4010.1A and 4010.1B.

SUDAS DIRECTOR — DESIGN METHODS ENGINEER

SANITARY SEWER SERVICE STUB



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

SUDAS	Iowa Department of Transportation	REVISION NEW 04-21-09
FIGURE 4010.201	STANDARD ROAD PLAN	SW-201 SHEET 2 of 2

REVISIONS: New. Replaces SUDAS Figures 4010.1A and 4010.1B.

SUDAS DIRECTOR — DESIGN METHODS ENGINEER

SANITARY SEWER SERVICE STUB

FIGURE 4010.201 SHEET 2 OF 2