**TYPE A**
Two-piece fixed casting

**TYPE C**
Two-piece fixed casting with bolt-down cover

**TYPE B: HMA**
Three-piece floating casting for use in HMA paving

**TYPE D: HMA**
Three-piece floating casting with bolt-down cover for use in HMA paving

Frame Notes:
Size, spacing, and number of lugs and flanges may vary.

Cover Notes:
Roughness pattern and text style may vary. Minimum one concealed pickhole.

1. Anchor the lower frame of all three-piece castings to the manhole structure. When specified in the contract documents, anchor the frame of two-piece castings to the manhole structure. If casting frame does not include anchor holes or slots, drill four 7/8 inch diameter holes, equally spaced around the frame.

2. If specified, furnish bolt down frame and cover with four 1/2 inch minimum diameter stainless steel, hex nut, recessed cap screws. Secure cover with screws, washers, and rubber gasket seals.


- Bolt-Down Cover (Type C)
- Bolt-Down Cover (Type D)
- Anchor Bolt
- Flange (typ.)
- Anchor Bolt Hole
- Gasket
- Seal
- Gasket to seal out debris
- 24" min.
- 35 5/8" min.
**TYPE B: PCC**
Three-piece floating casting for use in PCC paving and PCC boxouts

**TYPE D: PCC**
Three-piece floating casting with bolt-down cover for use in PCC paving and PCC boxouts

Frame Notes:
Size, spacing, and number of lugs and flanges may vary.

Cover Notes:
Roughness pattern and text style may vary. Minimum one concealed pickhole.

1. Anchor the lower frame of all three-piece castings to the manhole structure. When specified in the contract documents, anchor the frame of two-piece castings to the manhole structure. If casting frame does not include anchor holes or slots, drill four 7/8 inch diameter holes, equally spaced around the frame.

2. If specified, furnish bolt down frame and cover with four 1/2 inch minimum diameter stainless steel, hex nut, recessed cap screws. Secure cover with screws, washers, and rubber gasket seals.


4. Set casting at proper grade using the adjustment slots or adjustment mechanism. Remove bolts or mechanism upon completion of paving.

5. Height adjustment method may vary; two options are shown.

**SANITARY SEWER MANHOLES CASTINGS FOR STANDARD ROAD PLAN**