Use the below details for drains parallel to roadway.

Details shown inside the sheet border are for drains transverse to roadway. Use the below details for drains parallel to roadway.

Standard Drawing Guidance (do not show on plans):

1. Replace example Plan of Slab Showing Slab Drain Locations with actual plan.
2. Details shown inside the sheet border are for drains transverse to roadway. Use the below details for drains parallel to roadway.

General Notes:

- The color of the slab drain shall be gray and the same throughout. Drains may have an exterior coating for additional UV resistance.
- The resin used shall be ultraviolet (UV) resistant and/or have UV inhibitors mixed within the resin coating.
- The combination of materials used in the slab drains shall be tested for UV resistance in accordance with ASTM D4329 Cycle A. The representative material shall withstand at least 500 hours of testing with only minor discoloration and without any physical deterioration. The required ultraviolet testing prior to acceptance of the slab drains.
- At the contractor's option, drains may be manufactured of the slab drains.
- Shop drawings will not be required for the construction of the slab drains.
- Reinforcing steel shall be shifted to the contractor to ensure a smooth, chip free finish. The manufacturer to ensure a smooth, chip free finish. The manufacturer to ensure a smooth, chip free finish. The manufacturer to ensure a smooth, chip free finish. The manufacturer.
- Notes for FRP Drain:
  - The drains shall be galvanized in accordance with ASTM A123.
  - The drains shall be galvanized in accordance with ASTM A123.
  - The drains shall be galvanized in accordance with ASTM A123.
- Notes for Steel Drain:
  - Slab drains may be fabricated of either steel or FRP slab drains.
  - Steel slab drains shall be of the slab drains.
  - Steel slab drains shall be of the slab drains.
  - Steel slab drains shall be of the slab drains.
- Notes for FRP Drain:
  - The drains shall be galvanized in accordance with ASTM A123.
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  - The drains shall be galvanized in accordance with ASTM A123.

Alternate details for Type B barrier (SBC):

4" (Nom.)

2" (Nom.)

Edge of Slab

Top of Roadway Slab

Minimum reinforced wall thickness shall be 1 1/2" for FRP drains.

Drains shall be machine filament-wound thermosetting resin tubing meeting the requirements of ASTM D2996 with the coating used.

Notes for FRP Drain:

- The drains shall be galvanized in accordance with ASTM A123.
- The drains shall be galvanized in accordance with ASTM A123.
- The drains shall be galvanized in accordance with ASTM A123.