**NOTES:**

1. Pipe casing OD = Drain pipe Dia + 4" (3/4" min wall thickness)

2. Unless otherwise shown on Project Plans, casing shall extend to the greater of 5'-0" beyond the end of approach slab or 20'-0" beyond the back of abutment.

3. Expansion coupling with 4 bolts shown. Coupling with a greater number of bolts allowed.

4. Adjust dimension to suit coupler end ring bolt circle.

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**NOTE:**

Adjust spacing of main column reinforcement to clear drain outlet.

**COLUMN REINFORCEMENT**

**AT DRAIN OUTLET**

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**ELEVATION A-A**

**SCUPPER DETAIL**

*At exterior face of barrier*