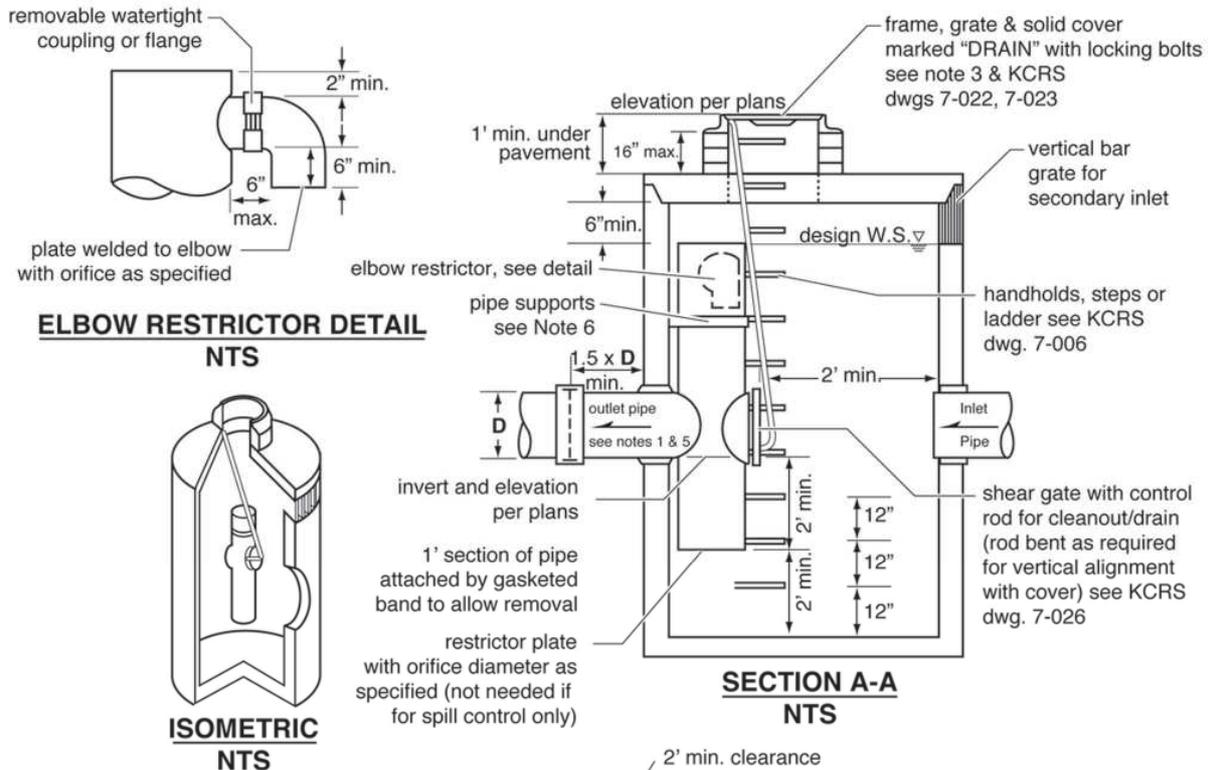
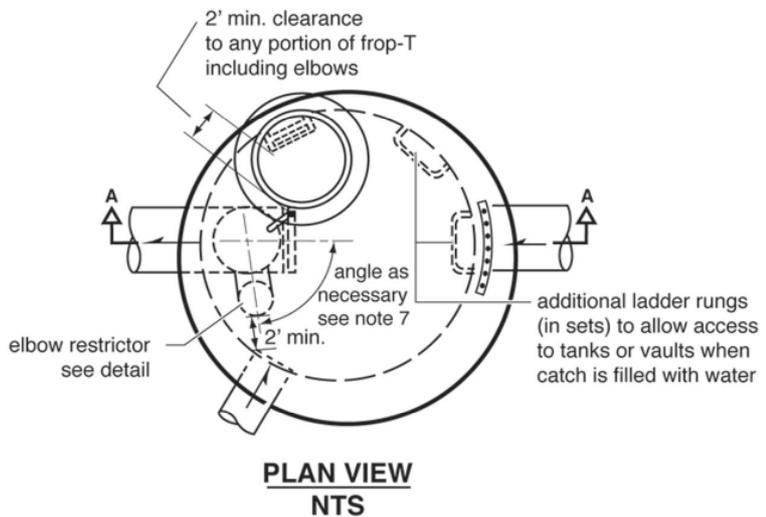


**FIGURE 5.3.4.A FLOW RESTRICTOR (TEE)**

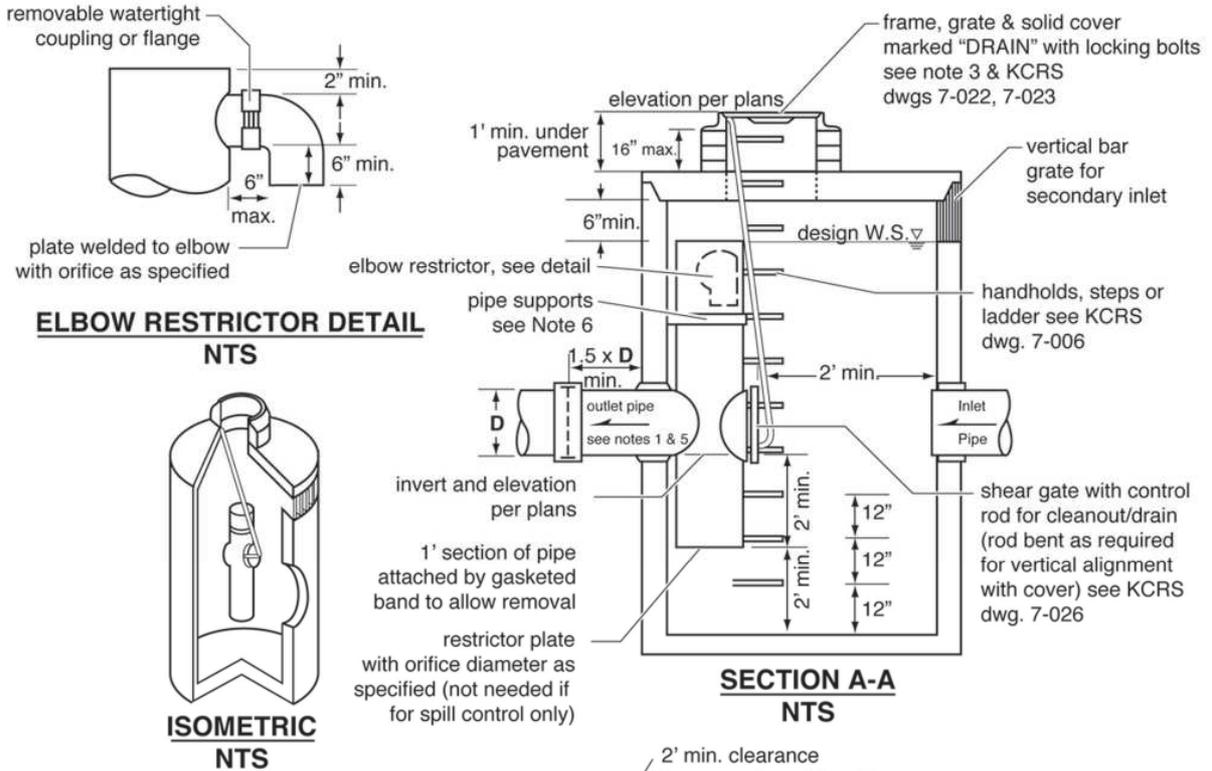


**NOTES:**

1. Use a minimum of a 54" diameter type 2 catch basin.
2. Outlet Capacity: 100-year developed peak flow.
3. Metal Parts: Corrosion resistant. Non-galvanized parts preferred. Galvanized pipe parts to have asphalt treatment 1.
4. Frame and ladder or steps offset so:
  - A. Cleanout gate is visible from top.
  - B. Climb-down space is clear of riser and cleanout gate.
  - C. Frame is clear of curb.
5. If metal outlet pipe connects to cement concrete pipe: outlet pipe to have smooth O.D. equal to concrete pipe I.D. less 1/4".
6. Provide at least one 3" X .090 gage support bracket anchored to concrete wall. (maximum 3'-0" vertical spacing).
7. Locate elbow restrictor(s) as necessary to provide minimum clearance as shown.
8. Locate additional ladder rungs in structures used as access to tanks or vaults to allow access when catch basin is filled with water.
9. Tee shall be constructed of aluminum CMP or aluminized steel CMP meeting WSDOT/APWA standards.



**FIGURE 5.3.4.B FLOW RESTRICTOR (BAFFLE)**



**NOTES:**

1. Use a minimum of a 54" diameter type 2 catch basin.
2. Outlet Capacity: 100-year developed peak flow.
3. Metal Parts: Corrosion resistant. Non-galvanized parts preferred. Galvanized pipe parts to have asphalt treatment 1.
4. Frame and ladder or steps offset so:
  - A. Cleanout gate is visible from top.
  - B. Climb-down space is clear of riser and cleanout gate.
  - C. Frame is clear of curb.
5. If metal outlet pipe connects to cement concrete pipe: outlet pipe to have smooth O.D. equal to concrete pipe I.D. less 1/4".
6. Provide at least one 3" X .090 gage support bracket anchored to concrete wall. (maximum 3'-0" vertical spacing).
7. Locate elbow restrictor(s) as necessary to provide minimum clearance as shown.
8. Locate additional ladder rungs in structures used as access to tanks or vaults to allow access when catch basin is filled with water.
9. Tee shall be constructed of aluminum CMP or aluminized steel CMP meeting WSDOT/APWA standards.

