

Section XXXV - Standard Details

- A. Introduction – Standard Details have been developed to provide uniformity throughout HRSD. These details can be provided in electronic format. The FIRM must review all the Standard Details and select the ones that are appropriate for any given project. The FIRM must develop other details as required to incorporate into Bid Documents.
- B. Listing of Standard Details – These standard details are available in AutoCAD format upon request.

1. Standard Cover Sheet
2. Standard Manhole Frame and Cover
3. Outside Drop Manhole
4. Sanitary Sewer Manhole Adjustment
5. Manhole Frame and Cover – Watertight
6. Air Vent
7. Air Vent Frame and Cover
8. Roadside Ditch – Air Vent
9. Air Release Valve Box Adjustment
10. Roadside Ditch – Valve Box
- 11A. Valve Box and Riser for Mainline and/or Connection Valves
- 11B. Valve Box and Riser for Bypass Valves
12. Tapping Saddle for Cast Iron Pipe, Ductile Iron, RC & PVC Pipe
13. Tapping Saddle for Concrete Cylinder Pipe
14. Steel Casing Pipe Detail
15. Cathodic Protection Test Station
16. Easement Plat
17. Pressure Sensor Installation
18. Sanitary Sewer Straddle Manhole
19. Exterior Ballard Detail
20. Ballard Location Detail
21. Connection to Existing HRSD Valve
22. Connection into Existing Manholes
23. New Wet Taps
24. Valve Riser Adjustment
25. Precast Concrete Shallow Manhole with Extended Base
26. Manhole Invert Shaping
27. Precast Concrete Manhole with Extended Monolithic Base
28. Horizontal Gate Valve
29. Vertical Gate Valve
30. Ductile Iron MJ Spigot to Concrete Transition Adaptor (Male)
31. Ductile Iron MJ Spigot to Concrete Transition Adaptor (Female)
32. Cathodic Protection Isolation
33. Load Test Hinged Bank Box
34. Flush-mount Groundwater Monitoring Well
35. Recovery Sheet Template

36. Sanitary Sewer Service Connection Alternate
37. House Lateral Cleanout Alternate
38. Sanitary Service Lateral Cleanout Frame and Cover
39. Sanitary Service Lateral Cleanout Frame and Cover for Heavy Loads
40. Sanitary Sewer Service Connection
41. Dual Sanitary Sewer Service Connection
42. Manhole Insert