

2023 WASTEWATER DETAILS

Standard Detail No. (2022)	Standard Detail No. (2023)	Standard Detail Title (2022)	Standard Detail Title (2023)	Effective Date
02082-01	02082-01	Sanitary Sewer Shallow Manhole	Sanitary Sewer Shallow Manhole	10/1/2002
02082-02	02082-02	Sanitary Sewer 4'-0" Diameter Precast Concrete Manhole	Sanitary Sewer 4'-0" Diameter Precast Concrete Manhole	7/1/2010
02082-03	02082-03	Sanitary Sewer 5'-0" to 8'-0" Diameter Precast Concrete Manhole	Sanitary Sewer 5'-0" to 8'-0" Diameter Precast Concrete Manhole	7/1/2010
02082-04	02082-04	Sanitary Sewer Pile Supported Manhole for Unstable Subgrade	Sanitary Sewer Pile Supported Manhole for Unstable Subgrade	10/1/2002
02082-05	02082-05	Sanitary Sewer Crushed Stone Supported Manhole for Wet Stable Trench	Sanitary Sewer Crushed Stone Supported Manhole for Wet Stable Trench	10/1/2002
02082-06	02082-06	Sanitary Sewer Manhole Vent for Sealed Manhole	Sanitary Sewer Manhole Vent for Sealed Manhole	7/1/2021
02082-07	02082-07	Sanitary Sewer Corrosion Resistant Manhole for Force Main Discharge	Sanitary Sewer Corrosion Resistant Manhole for Force Main Discharge	10/1/2002
02082-08	02082-08	Sanitary Sewer Precast Concrete Manhole with Cast-In-Place Base	Sanitary Sewer Precast Concrete Manhole with Cast-In-Place Base	7/1/2010
02082-09	02082-09	Sanitary Sewer Air Release or Air/ Vacuum Release Valve Manhole	Sanitary Sewer Air Release or Air/ Vacuum Release Valve Manhole	10/1/2002
02082N-02	02082N-02	Sanitary Sewer 4'-0" Diameter Precast Concrete Manhole Notes	Sanitary Sewer 4'-0" Diameter Precast Concrete Manhole Notes	10/1/2002
02082N-03	02082N-03	Sanitary Sewer 5'-0" to 8'-0" Diameter Precast Concrete Manhole Notes	Sanitary Sewer 5'-0" to 8'-0" Diameter Precast Concrete Manhole Notes	10/1/2002
02083-01	02083-01	Sanitary Sewer 4'-0" Diameter Fiberglass Manhole	Sanitary Sewer 4'-0" Diameter Fiberglass Manhole	10/1/2002
02083-02	02083-02	Sanitary Sewer 5'-0" to 8'-0" Diameter Fiberglass Manhole	Sanitary Sewer 5'-0" to 8'-0" Diameter Fiberglass Manhole	10/1/2002
02083-03	02083-03	Sanitary Sewer Fiberglass Manhole with Cast-In-Place Base	Sanitary Sewer Fiberglass Manhole with Cast-In-Place Base	10/1/2002
02083N-01	02083N-01	Sanitary Sewer 4'-0" Diameter Fiberglass Manhole Notes	Sanitary Sewer 4'-0" Diameter Fiberglass Manhole Notes	10/1/2002
02084-02A	02084-02A	Steel Adjusting Riser	Steel Adjusting Riser	NA
02084-02B	02084-02B	Steel Adjusting Riser	Steel Adjusting Riser	NA
02084-09A	02084-09A	Steel Adjusting Riser	Steel Adjusting Riser	NA
02084-09B	02084-09B	Steel Adjusting Riser	Steel Adjusting Riser	NA
02090-01	02090-01	Sanitary Sewer And Water Manhole Frame and Cover	Sanitary Sewer And Water Manhole Frame and Cover	7/1/2016
02091-01	02091-01	Non-Metallic Manhole Frame and Cover	Non-Metallic Manhole Frame and Cover	7/1/2021

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02317-01	02317-01	Sanitary Sewer Embedment and Trench Zone Backfill for Dry or Wet Stable Trench	Sanitary Sewer Embedment and Trench Zone Backfill for Dry or Wet Stable Trench	7/1/2016
02317-02	02317-02	Sanitary or Storm Sewer Crushed Stone Foundation for Wet Stable Trench	Sanitary or Storm Sewer Crushed Stone Foundation for Wet Stable Trench	7/1/2019
02317-03	02317-03	Sanitary or Storm Sewer Bedding and Backfill for Dry Stable Trench	Sanitary or Storm Sewer Bedding and Backfill for Dry Stable Trench	7/1/2019
02317-08	02317-08	Sanitary Sewer Backfill of Shafts	Sanitary Sewer Backfill of Shafts	10/1/2002
02531-01	02531-01	Sanitary Sewer Sealing of Sliplining at Manhole	Sanitary Sewer Sealing of Sliplining at Manhole	10/1/2002
02531-02	02531-02	Sanitary Sewer Sealing of Cured-In-Place Liner at Manhole	Sanitary Sewer Sealing of Cured-In-Place Liner at Manhole	10/1/2002
02531-03	02531-03	Sanitary Sewer Ductile Iron Pipe Storm Sewer Crossing	Sanitary Sewer Ductile Iron Pipe Storm Sewer Crossing	10/1/2002
02531-04	02531-04	Sanitary Sewer Pipe Transition For 36” Sewer and Smaller	Sanitary Sewer Pipe Transition For 36” Sewer and Smaller	10/1/2002
02531-05	02531-05	Sanitary Sewer Installing Sanitary Sewers Crossing or Parallel to Water Lines	Sanitary Sewer Installing Sanitary Sewers Crossing or Parallel to Water Lines	7/1/2010
02531-06	02531-06	Sanitary Sewer Sealing Penetration Through PVC-Lined Concrete Wall	Sanitary Sewer Sealing Penetration Through PVC-Lined Concrete Wall	10/1/2002
02531-07	02531-07	Sanitary Sewer Concrete Collar Detail for Connecting Existing Monolithic Sewers to Pipe Sewers	Sanitary Sewer Concrete Collar Detail for Connecting Existing Monolithic Sewers to Pipe Sewers	10/1/2002
02534-01	02534-01	Sanitary Sewer Service Reconnection for Liner Pipe	Sanitary Sewer Service Reconnection for Liner Pipe	10/1/2002
02534-02	02534-02	Sanitary Sewer Service Reconnection with Stack on New or Replacement Sewer	Sanitary Sewer Service Reconnection with Stack on New or Replacement Sewer	10/1/2002
02534-03	02534-03	Sanitary Sewer Service Line Reconnection for Storm Sewer Conflicts	Sanitary Sewer Service Line Reconnection for Storm Sewer Conflicts	10/1/2002
02534-03A	02534-03A	Sanitary Sewer Manhole Lining Payment Limits	Sanitary Sewer Manhole Lining Payment Limits	10/1/2002
02534-04	02534-04	Sanitary Sewer Service Reconnection on New or Replacement Sewer	Sanitary Sewer Service Reconnection on New or Replacement Sewer	10/1/2002
02534-05	02534-05	Standard Cleanout Detail on Service Lead	Standard Cleanout Detail on Service Lead	7/1/2010