Appendix B

STANDARD DETAILS

Manholes and Appurtenances

010 Standard Manhole
020 Pre – Cast/Poured In Place Manhole Base
030 Manhole Connections
040 Shallow Flat Top Manhole
050 Flat Top Manhole
060 Mechanical Inside Drop Manhole
080 Open Inside Drop Manhole
090 Inside Drop Manhole, with Bowl
100 Manhole Step
110 Suburban and Standard Manhole Frame and Cover (Sanitary)
120 Stormwater Manhole Lid
130 Water Tight Manhole Frame and Cover
140 Concrete Manhole Closure Collar
150 Manhole Chimney Seal
160 Large Pre-Cast Concrete Manhole
170 Large Pre-Cast Concrete Manhole – Bases
180 Large Pre-Cast Concrete Manhole – Types
190 Large Pre-Cast Concrete Manhole Base Slabs
200 Large Pre-Cast Concrete Manhole – Long. Base Section Reinforcement
210 Large Pre-Cast Concrete Manhole – Base Section Reinforcement 108" & 120"
220 Large Pre-Cast Concrete Manhole – Top Slabs
230 T- Top Manhole with 48" Riser
250 Water Quality Manhole (Snout) A
260 Water Quality Manhole (Snout) B
270 Flow Control Structure Detail

Storm Structures

300 Gutter and Curb Inlet Catch Basin (CG – 2)
310 Gutter and Curb Inlet Catch Basin (CG – 2) Reinforcement
320 Catch Basin Frame and Grate (CG – 2)
330 Inlet Catch Basin (CG – 30)
340 Inlet Catch Basin (CG – 48)
350 Curb Inlet Manhole (CG - 48 M.H.)
360 Modified Curb Inlet Manhole (MOD.CG – 48 M.H.)
370 Top – Curb Inlet Manhole and Modified Curb Inlet Manhole (CG – 48M.H. and MOD. CG – 48 M.H.)
380 Area Drain Type II
390 Ditch Inlet
400 Ditch Inlet Frame and Grate

Pipes

500 Standard Cleanout
510 Cleanout Frame and Cover
520 Side Sewer / Side Storm Pipeline
530 Inserta – Tee
550 Concrete Cap
560 Concrete Encasement / Closure Collar
570 Concrete Anchor Wall
580 ODOT Pipe Slope Anchor
590 Trench Backfill Details
600 T – Cut Asphalt Details
610 Bore Detail
620 Creek Crossing Restoration

Stormwater Management

700 Detention Pond
701 Detention Pond Construction & Maintenance Notes
705 Water Quality Swale
706 Water Quality Swale Construction & Maintenance Notes
710 Outflow Control Structure
711 Orifice Plate and Guide
715 Concrete Spreader Detail
720 Infiltration Planter
725 Non – Structural Infiltration Planter/Rain Garden
730 Flow Through Planter
735 Non – Structural Flow Through Planter
740 Perforated Pipe Details
742 Growing Medium Specification For Vegetated Facilities
745 Street Side Planter Without Street Parking
750 Street Side Planter With Street Parking
752 Curb Cut Out
753 Curb Cut Out Top Rail
755 Modified CG – 30 Inlet With Sump
758 Beehive Inlet
760 Overflow/Inlet Structure
762 Concrete Check Dam
765 Public Water Quality Facility Access
770 Vegetated Filter Strip
775 Porous Pavement
780 Porous Pavers
790 Rip Rap Details
791 Removable Bollard
792 Chain Link Fence And Gate
793 Tree Planting – Container/Burlap
794 Vegetated Corridor Sinage

Erosion Control

Erosion Prevention:

800 Matting Channel Installation
805 Matting Slope Installation
810 Plastic Sheeting

Runoff Control:

815 Pipe Slope Drain
820 Outlet Protection - Rip Rap
825 Outlet Protection - Stilling Basin
830 Surface Roughening - Cat Tracking
835 Surface Roughening - Stair Stepping/Grooving Slopes
840 Check Dam - Rock
845 Check Dam - Bio Filter Bag
850 Diversion Dike/Swale

Sediment Control:

855 Construction Entrance
860 Oak Mats
865 Tire Wash - Manual Hose Wash
870 Tire Wash - Drive Through
875 Sediment Fence
880 Wattles
885 Wattles - Single Family Application
890 Filter Berm Rock/Compost
895 Sidewalk Subgrade
900 Concrete Washout
905 Curb and Gutter Inlet Protection
910 Inlet Protection - Type 3
915 Inlet Protection - Type 4
920 Inlet Protection - Type 5
925 Inlet Protection - Type 6
930 Sediment Trap
935 Sediment Basin
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1021 Landscape Details
1022 Landscape Details
1023 Landscape Details
1024 Landscape Details
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1285 Design Storm Distribution Chart