

13.0 STANDARD DRAWINGS

The design standard drawings presented herein are to be read in conjunction with the Town of New Tecumseth Design Criteria. Changes and revisions to the standard drawings may take place periodically and therefore it is the responsibility of the Consulting Engineer to obtain and ensure the latest versions are utilized in design.

If a standard drawing by the Town is not provided in this section, then the Ontario Provincial Standard Drawings (OPSD) are to be consulted. In the event that the OPSD does not have the required standard drawing, the Consulting Engineer is responsible to provide the Town with a proposed detail in hard copy for review. Prior to use of the proposed detail, the Consulting Engineer must receive written approval for its use.

13.1 Roadways

TNT.SD. 102	Urban Local	(8.5m Road on 20.0m Right-of-Way)
TNT.SD. 103	Minor Collector	(10.0m Road on 23.0m Right-of-Way)
TNT.SD. 104	Major Collector	(11.5m Road on 26.0m Right-of-Way)
TNT.SD. 105	4-Lane Arterial	(15.7m Road on 30.0m Right-of-Way)
TNT.SD. 106	5-Lane Arterial	(19.7m Road on 35.0m Right-of-Way)
TNT.SD. 107	Industrial	(10.0m Road on 23.0m Right-of-Way)
TNT.SD. 108	Rural	(7.0m Road on 20.0m Right-of-Way)

TNT.SD. 110 Typical Local Cul-de-Sac (20.0m Road Allowance)
TNT.SD. 111A Road Elbow Design

TNT.SD. 112 Temporary Turn Around
TNT.SD. 113 Temporary Road Connecting Parallel Streets
TNT.SD. 114 Typical Temporary Road Cross-Sections

TNT.SD. 115 Curb and Subdrain Detail
TNT.SD. 116 Direct Buried – Joint Use Trench (For Subdivisions Only)
TNT.SD. 117 Typical Bus Shelter and Landing Pad
TNT.SD. 118 Typical Walkway Cross-Section
TNT.SD. 119 Walkway Gate Detail

TNT.SD. 120 Temporary Construction Access Detail

TNT.SD. 121 Privacy Fence Detail
TNT.SD. 122 Acoustic Fence Detail

13.2 Sewer Systems and Appurtenances

TNT.SD. 201 Reduced Catchbasin Lead Detail
TNT.SD. 202 On-Site Stormwater Management Control Detail

13.3 Watermains and Appurtenances

TNT.SD. 301 Air Valve in Chamber Detail
TNT.SD. 302 Drain Valve in Chamber Detail
TNT.SD. 303 Sampling/Flushing Station Chamber Standard
TNT.SD. 304 Sampling/Flushing Station
TNT.SD. 305 Watermain Bedding Detail
TNT.SD. 306 Valve Chamber
TNT.SD. 307 Drain Chamber
TNT.SD. 308 Swab Launch

13.4 Service Connections

TNT.SD. 401	Typical Detached Unit Service Arrangement
TNT.SD. 402	Typical Semi-Detached Unit Service Arrangement
TNT.SD. 403	Typical Townhouse Unit Service Arrangement
TNT.SD. 404	Double Service Connections in Common Trench
TNT.SD. 405	Industrial/Commercial/Institutional Service Connections
TNT.SD. 406	Typical Residential Storm Sewer Connection (125mm)
TNT.SD. 407	Typical Residential Meter Installation (25mm)
TNT.SD.408	Typical Commercial Meter Installation (38-50mm)
TNT.SD.409	Typical Water Meter Installation (75mm and larger)

13.5 Stormwater Management Facilities

TNT.SD. 501	Typical Wet Pond
TNT.SD. 502	Typical Wetland
TNT.SD. 503	Sediment Forebay Detail
TNT.SD. 504	Wetland Micropool Detail
TNT.SD. 505	Forebay Dewatering Sump Detail
TNT.SD. 506	Orifice Plate Detail
TNT.SD. 507	Stormwater Facility Pond Warning Sign

13.6 Traffic Details

TNT.SD. 601	Street Signs
TNT.SD. 602	Typical Project Identification Sign
TNT.SD. 603	Unassumed Area Sign
TNT.SD. 604	Two Stage Concrete Curb and Wide Gutter and Curb

Additional required details:

Typical roadway curb extension at school zones

Typical of subdrain for reduced slope swales

