

## STANDARD DRAWINGS

#### **INDEX**

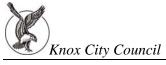
### **DRAINAGE 100**

Easement Drain Inlets	(100 series)
-----------------------	--------------

Property inlet under fence to a pipe Property inlet under fence to a pit Property inlet adjacent to pit Property inlet above pipe (Cover < 700 mm) Property inlet above pipe (Cover > or = to 700 mm) Property drain connection to street drain Property drain connection to existing sullage drain (not for use in new construction) Property connection to kerb	\$100.1 \$100.2 \$100.3 \$100.4 \$100.5 \$100.6	1 Feb. 2006 31 Mar. 2006 31 Mar. 2006 31 Mar. 2006 31 Mar. 2006 4 Apr. 2006 1 Feb. 2006 30 Mar. 2006
Junction and Side Entry Pits (110 Series)		
Junction Pit 600 x 600 (Up to 800 deep) Junction Pit 600 x 900 Pre-cast Concrete Drainage Pits Junction Pit lid and frame Side Entry Pit for partial construction Side Entry Pit Side Entry Pit lid and frame Converted Grated Side Entry Pit Channel return Side Entry pit Spoon Drain and Pit, Recessed Grate Pre-Cast Lintel Type 1 Pre-Cast Lintel Type 2 Oriface Pit 1300 x 600	\$110.1 \$110.2 \$110.3 \$110.4 \$111.1 \$112.1 \$112.2 \$114.1 \$115.1 \$115.1 \$117.1 \$117.2 \$118.1	8 Feb. 2012 9 Feb. 2012 9 Feb. 2012 10 Oct. 2018 9 Feb. 2012 9 Feb. 2012 7 Feb. 2012 11 Jul. 2012 1 Aug. 2001 27 Nov 2009 1 Aug. 2001 1 Aug. 2001 20 Dec. 2007
Grating Pits (120 Series)		
Grate Detail, Junction Pits Grating Pit in rollover K & C	S120.1 S120.2	20 Apr. 2004 7 Feb. 2012
Pit Modifications (130 Series)		
Side entry pit - entry chute Modification to existing pit - where pipe under channel Modification to existing pit - where pipe under channel (local road use) Modification to existing pit - where pipe under pavement	\$130.1 \$131.1 \$131.2 \$132.1	7 Feb. 2012 9 Feb. 2012 9 Feb. 2012 9 Feb. 2012
Widelifeation to existing pit - where pipe under pavement	5132.1	7100. 2012
Culvert and Endwalls (140 Series)		
Plain concrete endwall Pre-cast concrete end wall	S140.1 S140.2	9 Feb. 2012 9 Feb. 2012
Main Drain Pits and Inlets (150 Series)		
Inspection manhole Transition section Inlet where D>2d and <4d Inlet where D>4d	S150.1 S151.1 S152.1 S152.2	9 Feb. 2012 1 Aug. 2001 1 Aug. 2001 1 Aug. 2001



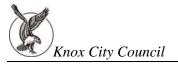
Pipe Bedding, Jointing (160 Series)		
Pipe Bedding and Backfilling Reinstatment Requirements for Utilities Agricultural Drains Agricultural Drains for Sports Ovals Typical U.P.V.C. Drain Detail	\$160.1 \$160.2 \$161.1 \$161.2 \$162.1	3 Mar. 2006 6 Nov. 2019 8 Feb. 2012 8 Feb. 2012 9 Feb. 2012
Pipe Anchor Block (170 Series)		
Anchor Block	S170.1	30 Aug. 2012
Household Pipe Connections (180 Series)		
Household to stormwater drain Household to sullage drain Household to combined sullage/Ag drain where outlet to K & C exists	\$180.1 \$180.2 \$180.3	<ul><li>1 Aug. 2001</li><li>1 Aug. 2001</li><li>7 May 2009</li></ul>
Water Sensitive Urban Design (190 Series)		
Road Reserve with Swale Drain Rain Garden (Bio-Retention Bed) Filtration Trench Water Entry via Depressed Kerb Footing Depth Chart, Raingarden Sizing Chart and WSUD Planting List Grass Swales Vegetated Swales Swale Drain and Collection Pit Rainwater Storage Tank Litter Trap Example Layout Detached Residence Example Subdivision Layout Example Layout, Integrated Housing Development Example Layout, Unit Development Example Layout, Urban Park Retrofit	\$190.1 \$190.3 \$190.4 \$190.5 \$190.6 \$191.1 \$191.2 \$191.3 \$193.1 \$194.1 \$195.1 \$195.2 \$195.3 \$195.4 \$195.5	13 Aug. 2013 13 Aug. 2013 17 Jun. 2014 13 Aug. 2013
Drainage Control Measures  Median Divided Roadway  Non-Trafficable Segmental Pavement	S195.6 S195.7	13 Aug. 2013 13 Aug. 2013



# **ROAD CROSS SECTIONS AND PAVEMENT 200**

# Type Cross Sections (200 Series)

	Residential Service Road (Private Street)		
	6.30 Back of Kerb to Back of Kerb (5.10 Pavement)	S200.1	1 Jul. 2004
	Residential Service Road (Subdivisions)		
	6.30 Back of Kerb to Back of Kerb (5.10 Pavement)	S200.2	1 Jul. 2004
	Industrial Service Road		
	8.80 Back of Kerb to Back of Kerb (7.60 Pavement)	S200.3	1 Jul. 2004
	Residential Access Place		
	6.30 Back of Kerb to Back of Kerb (5.10 Pavement)	S201.1	1 May 2006
	Residential Access Street Level 1		
	6.30 Back of Kerb to Back of Kerb (5.10 Pavement)	S201.2	1 May 2006
	Residential Access Street Level 1		
	7.60 Back of Kerb to Back of Kerb (6.40 Pavement)	S201.3	1 May 2006
	Residential Access Street Level 2		
	8.80 Back of Kerb to Back of Kerb (7.60 Pavement)	S201.4	22 Feb. 2005
	Residential Collector Street		
	7.60 Back of Kerb to Back of Kerb (6.40 Pavement)	S202.1	22 Feb. 2005
	Residential Collector Street/Trunk Collector Street		
	11.30 Back of Kerb to Back of Kerb (10.10 Pavement)	S202.2	1 Jul. 2004
	Residential Trunk Collector Street with Median		
	5.00 Back of Kerb to Back of Kerb (2 x 3.80 Pavement)	S202.3	1 Jul. 2004
	Major Road - Industrial Zone		
	13.00 Back of Kerb to Back of Kerb (11.80 Pavement)	S203.1	1 Jul. 2004
	Car park and Access Road Pavement Options	S204.1	1 May 2006
Clay	Concrete Segmental Pavements (210 Series)		
	Clay/Concrete Segmental Pavement - Vehicle Crossing	S212.3	1 May 2006
	ciaj, control segmentar i avenient veniere crossing	~=1=.0	1 1.1aj 2000



<b>Pavement</b>	Cross	Sections	(220)	Series)	)

Pavement cross sections for 3.80 m pavement	S220.1	19 Sept. 2012
Pavement cross sections for 4.30 m pavement	S220.2	30 Aug. 2012
Pavement cross sections for 5.10 m pavement		
(Barrier kerb and channel)	S220.3	19 Sept. 2012
Pavement cross sections for 6.40 m pavement	S220.4	30 Aug. 2012
Pavement cross sections for 7.60 m pavement	S220.5	19 Sept. 2012
Pavement cross sections for 10.10 m pavement	S220.6	19 Sept. 2012
Pavement cross sections for 11.80 m pavement	S220.7	19 Sept. 2012
Pavement Transitions (230 Series)		
Pavement transitions for 3.80m pavement		
(Rollover kerb and channel)	S230.1	1 Aug. 2001
Pavement transitions for 3.80 m pavement		
(Rollover kerb and channel or plinth)	S230.2	1 Aug. 2001
Pavement transitions for 4.30 m pavement		
(Rollover kerb and channel)	S230.3	1 Aug. 2001
Pavement transitions for 5.10 m pavement		
(Barrier kerb and channel)	S230.4	1 Aug. 2001
Pavement transitions for 6.40 m pavement	S230.5	1 Aug. 2001
Pavement transitions for 7.60 m pavement	S230.6	1 Aug. 2001
Pavement transitions for 10.10 m pavement	S230.7	1 Aug. 2001
Pavement transitions for 11.80 m pavement	S230.8	1 Aug. 2001
Miscellaneous (240 Series)		
Speed Control Hump, Reserves and Carparks	S240.1	18 Oct. 2004
Asphalt Speed Cushion	S240.2	7 Sept. 2016
Deceleration and Passing Lane Detail	S241.1	1 Aug. 2001

Concrete Road Pavement Detail

Concrete Road Pavement Detail

1 Aug. 2001

1 Aug. 2001

S242.1

S242.2



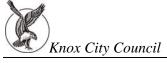
## **CONCRETE CONSTRUCTION 300**

### Kerb and Channel (300 Series)

Setting out dimensions for circular curve Kerb and Channel and Kerb with Outfall Tray Channel layback and kerb only Detail of Mountable Kerb (cast in situ) Rollover kerb and channel and modification at Side Entry Pits Kerbs - VicRoads Profiles	\$300.1 \$301.1 \$301.2 \$301.3 \$301.4 \$302.1	1 Aug. 2001 17 Feb. 2010 3 Mar 2003 1 Aug. 2001 1 Aug. 2001 1 Aug. 2001
Plinth detail - (Residential Access Place)	S303.1	1 Aug. 2001
Footpath (310 Series)		
Pram crossing and tiling arrangement,	5210.1	20.0 . 2016
local streets and midblock Pram crossing and tiling arrangement,	S310.1	28 Sept. 2016
main roads and islands	S310.2	7 Sept. 2016
Footpath and Shared Use Path, Concrete Construction	S311.1	29 Sept. 2016
Footpath and Shared Use Path,	S311.2	29 Sant 2016
Asphalt Construction Footpath and Shared Use Path,	3311.2	28 Sept. 2016
Granitic Sand Construction	S311.3	29 Sept. 2016
Crossing Construction (320 Series)		
Private crossing for normal naturestrip	S320.1	27 Sept. 2019
Private crossing for reverse fall naturestrip	S320.2	11 Jan. 2010
Private crossing where footpath against kerb	S320.3	11 Jan. 2010
Commercial/Industrial Crossing	S321.3	27 Sept 2019
Parking Indent	S322.1	1 May 2006
Layout and positioning of Private Crossing	S323.1	11 Jan. 2010
Private Street Construction - recommended maximum	~~~.	
driveway gradings	S324.1	1 Aug. 2001
Recommended Vehicle Templates	S324.2	1 Aug. 2001
Vehicle Crossings (other than concrete) (330 Series)		
Vehicle Crossing over table drains	S330.1	1 Aug. 2001
Vehicle Crossing, temporary street construction	S331.1	1 Aug. 2001
Typical property access ramps, curved driveways	S332.1	1 Aug. 2001
Typical property access ramps, straight driveways	S332.2	1 Aug. 2001

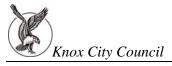
## Bus Bay (340 Series)

Partial indent for one bus	S340.1	1 Aug. 2001
Full indented bus bay	S340.2	1 Aug. 2001



# Splitter Islands (350 Series)

Splitter Island – Spiked to Pavement	S350.1	1 Aug. 2001
Splitter Island – Painted	S350.2	1 Aug. 2001



# <u>ADDITIONAL CONSTRUCTION FEATURES</u> 400

Grouted random rubble wall	S400.1	1 Aug. 2001
Dimensions of stone wall at private driveways	S400.2	1 Aug. 2001
Timber Retaining Wall	S401.1	1 Aug. 2001
Timber Retaining Wall (steel uprights)	S402.2	11Jul. 2012

### Guard Rails and Fences (410 Series)

Steel beam guard rail	S410.1	1 Aug. 2001
Guide posts	S411.1	1 Aug. 2001
Capped Paling Fence - Subdivision Tree Reserve	S412.1	3 Mar.2003
Capped Paling Fence - Subdivision Tree Reserve	S412.2	1 Aug. 2001
Treated Pine Log Fence	S413.1	1 Aug. 2001
Footpath safety fence (welded mesh)	S414.1	1 Dec. 2005
Tennis Court Fence	S415.1	1 Aug. 2001
Shared Use Path Slow Point	S416.1	4 Dec. 2012
Chainmesh Fence for Ovals	S417.1	1 Aug. 2001
Treated Pine Bollard for Vehicle Control	S418.1	21 Jun. 2004
Recycled Plastic Bollard	S418.2	21 Jun. 2004

### Conduits (420 Series)

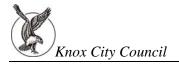
Telstra Road Crossings	S420.1	1 Aug. 2001
Traffic Signal Conduit Junction Pit	S421.1	1 Aug. 2001

### Recreation (430 Series)

Basketball and Netball Court dimensions	S430.1	1 Aug. 2001
Synthetic Turf Cricket Pitches	S431.1	16 Aug. 2018
Cricket Practice Nets	S432.1	1 Dec. 2005
Metal Cabinet for Housing Sprinkler Control Box	S433.1	1 Aug. 2001
Tennis Court - Red Porous (En-tout-Cas) Pavement	S434.1	1 Aug. 2001
Tennis Court - Asphalt Pavement	S434.2	1 Aug. 2001
Goal Post Arrangement –Australian Rules Football	S435.1	1 Aug. 2003

# Shared Use Path Signage (440 Series)

Local Road Crossing (Diagram 1)	S440.1	3 Jan. 2013
Off Major Road – Road Crossing (Diagram 2)	S440.2	3 Jan. 2013
Intersecting Pathways (Diagram 3)	S440.3	1 Sept. 2003
Underpass and Ramps (Diagram 4)	S440.4	1 Sept. 2003
Repeater Signage (Diagram 5)	S440.5	1 Sept. 2003
Intersection and Linemarking (Diagram 6)	S440.6	1 Sept. 2003
Access Points Linemarking (Diagram 7)	S440.7	1 Sept. 2003
Pathside Hazards (Diagram 8)	S440.8	1 Sept. 2003
Typical Signs (Diagram 9)	S440.9	31 Aug.2012



# Landscape (600 Series)

MCC Seat with Back	S602	1 Aug. 2001
Advanced Tree Detail to Grass and Mulched Areas	S603	1 Aug. 2001
Seat Detail	S604	1 Aug. 2001
Standard Planting Tree Reserves	S606	1 Aug. 2001
Standard Tree Details Planting to Grass Areas	S607	1 Aug. 2001
Playground Edging	S609	1 Aug. 2001
Rock Detail	S610	1 Aug. 2001
Ceramic Tile Sub-base Detail	S611	1 Aug. 2001
Seat Detail	S612	1 Aug. 2001
Brick Paving Detail	S614	1 Aug. 2001
Garden Edge Detail	S615	1 Aug. 2001
Trees (650 Series)		
Breathing layer where in fill	S650.1	1 Aug. 2001
Standard Planting Layout Detail for Tree Reserves	S651.1	1 Aug. 2001
Standard Planting Layout Detail for Tree Reserves	S651.2	1 Aug. 2001