



***ROADWORKS & DRAINAGE***  
**STANDARD DRAWINGS**

**June 2011**

**NOTE: THESE STANDARD DRAWINGS REPLACE  
ALL PREVIOUS ISSUES**

# STANDARD DRAWINGS INDEX

<b>Drawing No</b>	<b>Description</b>
<b>100</b>	<b>Trenching</b>
CGG101	Stormwater pipe trench details in road reserve REPLACED BY IDM SD300
CGG102	Stormwater pipe trench details in easements and reserves REPLACED BY IDM SD305
<b>200</b>	<b>Pipes and Earthen Drains</b>
CGG201	90mm dia subsurface drain at existing / new kerb and chl REPLACED BY IDM SD500
CGG202	Fin type subsurface drain at existing / new kerb and channel
CGG203	Catch drain details REPLACED BY IDM SD505
CGG204	House drain to kerb and channel REPLACED BY IDM SD510
CGG205	Street drain connection REPLACED BY IDM SD520
CGG206	Easement drain connection REPLACED BY IDM SD525
CGG207	Anchor and seepage block
<b>300</b>	<b>Pits and Drainage Structures</b>
CGG301	Pit dimensioning and setting out detail REPLACED BY IDM SD400
CGG302	Unhaunched pits REPLACED BY IDM SD405
CGG303	Haunched pits REPLACED BY IDM SD410
CGG304	Min wall thickness for rein'f't in mass concrete pits (cast in-situ) REPLACED BY IDM SD415
CGG305	Step irons
CGG306	Junction pit in road reserve / municipal reserve REPLACED BY IDM SD420
CGG307	Grate pit in road reserve REPLACED BY IDM SD420
CGG308	Junction pit with concrete cover (non trafficable areas) REPLACED BY IDM SD425
CGG309	Side entry pit 0.9m inlet with cast iron cover & concrete surround for 'B2' REPLACED BY IDM SD430
CGG310	Side entry pit 0.9m inlet with cast iron cover & concrete surround for 'SM2' REPLACED BY IDM SD435
CGG311	Side entry pit 0.9m inlet with cast iron cover & concrete surround for 'FM4'
CGG312	Dual side entry pit 1.9m inlet with cast iron cover & concrete surround for 'B2' REPLACED BY IDM SD445
CGG313	Dual side entry pit 1.9m inlet with cast iron cover & concrete surround for 'SM2' REPLACED BY IDM SD450
CGG314	Depressed grated pit REPLACED BY IDM SD455
CGG315	Inlet catch pit REPLACED BY IDM SD460
CGG316	Reinforced concrete wing wall (in-situ) REPLACED BY IDM SD465
CGG317	Concrete endwall REPLACED BY IDM SD470
CGG318	Grated side entry pit 0.9m inlet with concrete surround for 'B2' REPLACED BY IDM SD475
<b>400</b>	<b>Kerbs</b>
CGG401	'B1' Barrier kerb only REPLACED BY IDM SD100
CGG402	'B2' Barrier kerb & channel REPLACED BY IDM SD100
CGG403	'B3' Barrier kerb & tray REPLACED BY IDM SD100
CGG404	Layback for 'B2' & 'B3' Kerbing REPLACED BY IDM SD120
CGG405	'SM1' Semi-mountable kerb only REPLACED BY IDM SD100
CGG406	'SM2' Semi-mountable kerb & channel REPLACED BY IDM SD100
CGG407	'SM3' Semi-mountable kerb & tray REPLACED BY IDM SD100
CGG408	Layback for 'SM2' & 'SM3' kerbing

CGG409 'FM1' Fully mountable kerb only REPLACED BY IDM SD100  
 CGG410 'FM2' Fully mountable kerb & channel REPLACED BY IDM SD100  
 CGG411 'FM3' Fully mountable kerb & tray REPLACED BY IDM SD100  
 CGG412 'FM4' Fully mountable kerb & channel & side entry pit detail for 'FM4'  
 CGG413 'FM5' Fully mountable kerb & channel industrial area  
 CGG414 Concrete edge strip REPLACED BY IDM SD100  
 CGG415 Open invert drain REPLACED BY IDM SD100  
 CGG416 Bluestone kerb & concrete channel (major works)  
 CGG417 Bluestone kerb & channel (minor works)  
 CGG418 Reconstructed kerb & channel REPLACED BY IDM SD500

**500 Typical Road Cross Sections**

CGG501 Road hierarchy table  
 CGG502 Residential & industrial road works REPLACED BY IDM SD605  
 CGG503 Rural road works REPLACED BY IDM SD600

**600 Pavements**

CGG601 Vehicle crossing residential REPLACED BY IDM SD240  
 CGG602 Vehicle crossing commercial / industrial REPLACED BY IDM SD250  
 CGG603 Vehicle crossing rural REPLACED BY IDM SD255  
 CGG604 Residential footpath treatment at street intersections REPLACED BY IDM SD200  
 CGG605 Concrete footpath REPLACED BY IDM SD205  
 CGG606 Footpath expansion joint REPLACED BY IDM SD210  
 CGG607 Pedestrian crossings in paved areas REPLACED BY IDM SD200  
 CGG608 Vehicle crossings bluestone kerb & channel  
 CGG609 Pedestrian crossing bluestone kerb & channel  
 CGG610 Reinforced pavement jointing layout  
 CGG611 Reinforced concrete pavement longitudinal joint REPLACED BY IDM SD210 & SD215  
 CGG612 Reinforced concrete pavement transverse construction joint REPLACED BY IDM SD210  
 CGG613 Reinforced concrete pavement transverse contraction joint REPLACED BY IDM SD225  
 CGG614 Reinforced concrete pavement isolation joint REPLACED BY IDM SD220  
 CGG615 Reinforced concrete pavement sealant details REPLACED BY IDM SD215  
 CGG616 Reinforced concrete pavement expansion joint REPLACED BY IDM SD210 & SD215  
 CGG617 Reinforced concrete pavement edge thickening  
 CGG618 Reinforced concrete pavement future construction joint REPLACED BY IDM SD225  
 CGG619 Reinforced concrete pavement sawn contraction joint REPLACED BY IDM SD225

**700 Miscellaneous**

CGG701 Timber bollard  
 CGG702 Swing gate entry (Layout)  
 CGG703 Swing gate entry (Detail)  
 CGG704 Standard urban bus stop layout dimensions  
 CGG705 Timber edge strip landscaped areas  
 CGG706 Timber sleeper retaining wall  
 CGG707 Fire hydrant markers  
 CGG708 Timber post and steel rail fence  
 CGG709 Timber post and rail fence  
 CGG710 Sign Post

CGG711      Bus shelter structural details  
CGG712      Bus shelter layout details