

Integrated Design - Appendix H Standard Drawings



To view a complete and up to date version of all standard drawing, please refer to the following locations: –

MBRC Standard Drawings – www.moretonbay.qld.gov.au/standard-drawings IPWEAQ - <http://www.engicom.com.au/>

ROAD SERIES	
Drawing No.	Drawing title
MBRC-1101	Road Edge Guide Posts
MBRC-1104	Standard Batter Profiles & Stabilisation
MBRC-1105	Roadside Drainage - Upgrading of existing roads - Swale Drains
MBRC-1106	Roadside Drainage - Upgrading of existing roads - Shoulder Dykes & Batter Drains
MBRC-1108	Road Construction Standards - Cross Section Tolerances
MBRC-1109	Floodway - General Arrangement - Low Volume Rural Roads - Sheet 1 of 2
MBRC-1110	Floodway - Details - Low Volume Rural Roads - Sheet 2 of 2
MBRC-1113	Street Name Sign and Location (Finger Board)
SEQ RS-049	Driveways – Residential Driveway – Plan 1 of 2
SEQ RS-050	Driveways - Residential Driveway - Plan 2 of 2
SEQ RS-051	Driveways - Heavy Duty Vehicle Crossing
SEQ RS-056	Driveways - Rural Driveway
SEQ RS-065	Concrete Pathway Construction Details
SEQ RS-080	Kerb and Channel - Profiles and Dimensions, including Edge Restraints, Medians & Inverts
SEQ RS-081	Kerb and Channel - Residential Drainage Connections
SEQ RS-090	Kerb Ramp - Ramped Pedestrian Crossings
SEQ RS-091	Kerb Ramp - Ramped and Cut Through Treatments for Pedestrian Crossings - Slip Lanes and Medians
SEQ RS-092	Installation of TGSI's - on Ramped Kerb Crossings

SEQ RS-093	Installation of TGSI's - on Ramped Kerb Crossing - Application Examples
SEQ RS-094	Kerb Ramp Locations and Configurations
SEQ RS-100	Public Utilities - Typical Service Corridors and Alignments
SEQ RS-101	Public Utilities – Typical Service Conduit Sections
SEQ RS-103	Public Utilities Optic Fibre Pit
SEQ RS-130	Street Name Sign and Location (Finger Board)
SEQ RS-131	Traffic Sign Installation Details
SEQ RS-140	Subsoil Drains Details and Locations
SEQ RS-142	Subsoil Drains Access Points
SEQ RS-170	Pavement Extension - Trenching and Widening
BSD 7004	Pedestrian Safety Fencing (BCC Standard Drawing)

DRAINAGE SERIES

Drawing No.	Drawing title
MBRC-2001	Back Entry Catchpit with precast extended kerb inlet (on Grade)
MBRC-2002	Back Entry Catchpit with precast extended kerb inlet (on Sag)
MBRC-2003	Side Entry Field Inlet
SEQ DS-010	Access Chamber - Stormwater Access Chamber Detail - 1050 to 2100 Diameter
SEQ DS-015	Access Chamber – Manhole Frame – Roadway and Non-Roadway – 1050 to 2100 Diameter
SEQ DS-018	Access Chamber - Manhole Riser Details - (Roadway) 1050 to 2100 Diameter
SEQ DS-019	Access Chamber - Manhole Cover - (Roadway) - 1050 to 2100 Diameter
SEQ DS-020	Access Chamber - Manhole Cover - (Non-Roadway) - 1050 to 2100 Diameter
SEQ DS-021	Access Chamber - Manhole Cover Concrete Infill - (Pedestrian Traffic) - 1050 to 2100 Diameter
SEQ DS-030	Bedding and Backfilling – Excavation, Bedding and Backfilling of Stormwater

SEQ DS-031	Bedding and Backfilling – Excavation, Bedding and Backfilling of Precast Box Culverts
SEQ DS-040	Sediment Control – Sediment Control Devices – Sediment Fence – Entry/Exit Sediment Trap
SEQ DS-041	Sediment Control – Sediment Control Devices – Kerb & Field Inlets – Check Dams & Straw Bales
SEQ DS-050	Drainage Pits - Field Inlet - Type 1 and Type 2
SEQ DS-060	Drainage Pits - Kerb Inlet - Kerb In Line - General Arrangement
SEQ DS-061	Drainage Pits - Kerb Inlet - Precast Lintel Details
SEQ DS-062	Drainage Pits - Kerb Inlet - Grate and Frame
SEQ DS-063	Drainage pits - Kerb Inlet - Lip in Line - General Arrangement
SEQ DS-068	Drainage Pits - Kerb Inlet - Lip in Line - Anti - Ponding
SEQ DS-069	Drainage Pits – Field Inlet Pit – Dome Top Cover (900x600)
SEQ D-082	Drainage Details Culvert Inlet Screen

WATER SENSITIVE URBAN DESIGN SERIES

MBRC-2101	Bioretention Tree Pit
MBRC-2102	Streetscape Bioretention
MBRC-2103	Bioretention Basin
MBRC-2104	Constructed Wetland Typical Plan and Sections
MBRC-2105	Sediment Basin Typical Plan and Section
MBRC-2106	Streetscape Swale – Typical Section Sheet 1
MBRC-2107	Streetscape Swale – Typical Section Sheet 2
MBRC-2108	Bioretention Swale – Typical Sections
MBRC-2109	Porous Pavement – Typical Section
MBRC-2110	Maintenance Access Underground GPT
MBRC-2110	Maintenance Access – GPT Above Ground
MBRC-2112	High Flow Weir Details

MBRC-2113	Small Sediment Forebay
MBRC-2114	Large Bioretention Sediment Forebay
MBRC-2115	Wetland Low Flow Riser Outlet

GENERAL SERIES

Drawing No.	Drawing title
MBRC-3004	Hardwood Timber Vehicle Barrier and Bollard
MBRC-3005	Trail Marker Post
SEQ GS-010	Landscaping – Street Tree Planting including Root Barrier
SEQ GS-011	Landscaping – Street Tree Planting Details Wide Median
SEQ GS-012	Landscaping – Street Tree Planting Details Narrow Median
SEQ GS-040	Fencing – Rural 4 & 6 Strand Barbed Wire Fence
SEQ GS-041	Fencing – Chain Wire Security Fencing
SEQ GS-042	Fencing – Log Barrier and Alternative Hardwood Timber Bollard
SEQ GS-043	Fencing – Locking Rail Types 1, 2 & 3
SEQ GS-044	Fencing – Tubular Steel Fence with and without Chain Wire
SEQ GS-045	Fencing Weldmesh Fencing and Control Fence
SEQ GS-046	Fencing – Dune Protection

PARKS SERIES

Drawing No.	Drawing title
MBRC-5001	Dog Agility Equipment - 'A' Frame
MBRC-5002	Dog Agility Equipment - Dog Walk
MBRC-5003	Dog Agility Equipment - Weave Posts & Table Top
MBRC-5004	Dog Agility Equipment - Hurdles
SEQ PS-010	Bikeway Entrance Control - Type 1 - Low Volume External link
SEQ PS-011	Bikeway Entrance Control - Type 2 - High Volume

SEQ PS-013	Bikeway Slowdown Control - Reverse Curve
SEQ PS-015	Bikeway Entrance Control - Offset Chicane
SEQ PS-016	Bikeway - Deflection and Rest Rail Detail

SIGNAGE SERIES

Drawing No.	Drawing title
MBRC-4001	Open Space Signage Graphics Details
MBRC-4002	Open Space Signage Level 1 General Arrangement
MBRC-4003	Open Space Signage Level 1 Construction Details
MBRC-4004	Open Space Signage Level 2 General Arrangement
MBRC-4005	Open Space Signage Level 2 Construction Details
MBRC-4006	Open Space Signage Level 3 General Arrangement
MBRC-4008	Open Space Signage Level 4 General Arrangement
MBRC-4012	Open Space Signage Level 5 Type 3, 4 and 5
MBRC-4014	Regional Entry Statement General Arrangement

SEQ WATER SUPPLY STANDARD DRAWINGS

Drawing No.	Drawing title
SEQ-WAT-13004	Typical Valve and Hydrant Identification Markers

DTMR STANDARD DRAWINGS

Drawing No.	Drawing title
1174	Construction of End Structures H = 150 – 600
1303	Construction of Reinforced Concrete Wingwalls and Headwalls
1304	Construction of Reinforced Concrete Wingwalls and Aprons for Pipe diameter up to 2400
1305	General Arrangement and Installation of Wingalls Headwalls and Aprons

1306	Construction of un-reinforced Wingwalls Headwalls and Aprons
1316	General Arrangement and Installation of Precast Units
1317	Construction of Bases with Nibs and Aprons
1318	Construction of Bases with Recesses and Aprons
1319	Construction of un-reinforced Wingwalls and RC Wingwalls H = 750 – 2400
1320	Crown Unit Holding Down Anchors
1359	Installation, Bedding and Backfilling – Backfilling against/over Culverts