DS 63 Water Reticulation Design Standard			
Standard & Example Drawings			
Drawing Number	**Current Rev**	**Drawing Title**	**Issue Date**
AQ71-1-1	**I**	Meter – Inspection Cover & Frame	26/02/2021
AQ71-1-2	**G**	**Hydrant – Inspection Cover & Frame**	**02/02/2024**
AQ71-1-3	**H**	Stop Tap – Inspection Cover & Frame	21/11/2000
AQ71-1-4	**I**	Sluice Valve – Inspection Cover & Frame	05/05/2004
AQ71-1-7	**B**	Miscellaneous Cast Iron Items, Gate Valve Surround (Lightweight)	26/02/2021
AQ71-1-8	**A**	Miscellaneous Cast Iron Items, Gate Valve Lid (Lightweight)	21/03/2011
AQ71-3-1	**J**	Extension Spindles – DN100, 150 and 200 Sluice Valves	27/03/2014
BD22-5-8	**F**	**DN20 Copper Riser – 340mm and 670mm Complete Assembly**	**02/02/2024**
BD22-15-1	**A**	Thread Designations	21/11/2017
BD62-1-1	**H**	**Watermain Installation – Typical Cover, Bedding and Backfill Details**	**02/02/2024**
BD62-1-3	**D**	Services in Common Trench – Typical Service Positioning	17/12/2021
BD62-1-4	**E**	Watermain in Common Trench – Typical Alignment Change (2.1m to 1.8m)	17/12/2021
BD62-2-1	**N**	Sluice Valve and Hydrant – Typical Installation Details	17/12/2021
BD62-2-2	**I**	Flushing Point Installation – DN100 and DN150 – Typical Arrangement	17/12/2021
BD62-2-3	**G**	**Temporary Thrust Supports DN100 and DN150 – Bends, Tees and Blank Ends (PVC and DI Pipelines)**	**02/02/2024**
BD62-2-4	**G**	**Concrete Thrust Supports DN100 and DN150 – Bends, Tees and Blank Ends (PVC and DI Pipelines)**	**02/02/2024**
BD62-2-5	**F**	**Concrete Thrust Supports DN200 and DN250 – Bends, Tees and Blank Ends (PVC and DI Pipelines)**	**02/02/2024**
BD62-2-6	**H**	**Concrete Thrust Supports for Washout Bend with Hydrant – Typical Installation Details**	**02/02/2024**
BD62-2-7	**C**	Thrust Supports for Tapers – Typical Installation Details	23/11/2000
BD62-2-9	**D**	**Below Ground DN20 Water Service Typical Arrangement**	**02/02/2024**
BD62-7-1	**I**	PE Main Laying Installation for Cul-De-Sac – Type A – Up to 10 Services	15/06/2021
BD62-7-3	**J**	PE Main Laying Installation for Cul-De-Sac – Type B – More Than 10 Services	17/12/2021

BD62-8-8	**J**	**DN25 Water Service (DN32 PE Pipe) – Dry Tapped and Under Pressure Arrangements**	**02/02/2024**
BD62-8-9	**H**	3 to 10 Service Connection Manifolds – Typical Arrangement	15/06/2021
BD62-8-10	**Q**	**DN20 Water Service (DN25 Pipe) – Dry Tapped and Under Pressure Arrangement**	**02/02/2024**
BD62-8-14	**C**	Prelaid Water Services – Guidelines For Positioning	23/11/2000
BD62-8-15	**R**	Prelaid Single Water Services (DN20 Short and Long) Typical Arrangement (DN25 PE Pipe)	12/04/2019
BD62-8-24	**P**	Prelaid Dual Water Services (DN20 Short and DN25 Long) Typical Arrangement (DN25 and DN32 PE Pipe)	12/04/2019
BD62-8-31	**A**	Compression Fittings for Copper Pipe – Details of Cone Tight Internal and External Ends	21/11/2000
BD62-8-36	**D**	Bored Pipe Under Road – Soil Not Containing Rock, Typical Arrangement – DN100 Up To DN250	12/04/2019
BD62-8-37	**B**	Typical Lot Entry Arrangement – Low Retaining Walls – Single DN20 Service	17/12/2021
BD62-10-1	**I**	Temporary Builders Standpipe Assembly – 750mm, Typical Arrangement for DN20 Service	19/04/2012
BD62-10-2	**B**	Temporary Builders Standpipe Assembly – 150mm (Stumpy) Typical Arrangement for DN20 Service	19/04/2012
BD62-12-1	**D**	Typical Reticulation Design Drawing Template	17/12/2021
BD62-12-2	**G**	Typical Reticulation As-Constructed Drawing Template	17/12/2021
BD62-12-3	**B**	Intersections of Watermains – Typical Connection Arrangement	29/04/2004
BD64-1-1	**F**	Hydrant Services Chamber – Precasting Details	27/11/2000
BD64-1-2	**A**	Stop Tap Cover - Service Chamber – Precasting Details	27/11/2000
BD64-2-1	**D**	Reinforced Concrete Valve Cover Surround – Casting Details	23/11/2000
BD64-3-1	**E**	Stop Tap Cover - Service Chamber – Typical Details	29/04/2004
BD64-4-1	**E**	Hinged Meter Cover – Service Chamber – Typical Details	29/04/2004
BD64-8-3	**H**	Kerb Marking – Typical Details	12/04/2019
BD64-8-6	**B**	Hydrant Blue Retro Reflective Pavement Marker (RRPM) – Typical Details	12/04/2019
BD64-9-1	**H**	Standup Protector for DN20 Service	09/07/2013
BD64-10-1	**C**	Water Meter/Valve Service Chamber – GRP Plastic Underbox	23/11/2017
BD64-10-2	**A**	Hydrant Service Chamber – GRP Plastic Underbox	21/11/2017
CL44-4-1	**E**	Ductile Iron Fittings – Washout Bend, Socket to Flange – DN100 x 90^0	23/11/2000
FG12-2-1	**A**	Proportional Dimensions of Water Corporation Logo Drop	23/06/1999
KA76-1-1	**F**	Asset Identification – Marker Post, Typical Details	13/09/2017
KA76-1-2	**G**	Pipeline – Marker Post, Typical Details	21/11/2017

KA76-1-5	**C**	Fire Hydrant – Marker Post, Typical Details	13/10/2017
KA76-1-6	**B**	Electrical Cable – Marker Post, Typical Details	21/11/2017