

## ***DS 63 Water Reticulation Design Standard***

### Standard & Example Drawings

<b>Drawing Number</b>	<b>Current Rev</b>	<b>Drawing Title</b>	<b>Issue Date</b>
<b>AQ71-1-1</b>	<b>I</b>	Meter – Inspection Cover & Frame	09/07/2013
<b>AQ71-1-2</b>	<b>F</b>	Hydrant – Inspection Cover & Frame	24/11/2000
<b>AQ71-1-3</b>	<b>H</b>	Stop Tap – Inspection Cover & Frame	21/11/2000
<b>AQ71-1-4</b>	<b>I</b>	Sluice Valve – Inspection Cover & Frame	05/05/2004
<b>AQ71-1-7</b>	<b>A</b>	Miscellaneous Cast Iron Items, Gate Valve Surround (Lightweight)	21/03/2011
<b>AQ71-1-8</b>	<b>A</b>	Miscellaneous Cast Iron Items, Gate Valve Lid (Lightweight)	21/03/2011
<b>AQ71-3-1</b>	<b>J</b>	Extension Spindles – DN100, 150 and 200 Sluice Valves	27/03/2014
<b>BD22-5-8</b>	<b>D</b>	DN20 Copper Riser – 340mm and 670mm Complete Assembly	17/07/2013
<b>BD22-15-1</b>	<b>A</b>	Thread Designations	21/11/2017
<b>BD62-1-1</b>	<b>F</b>	Watermain Installation – Typical Cover, Bedding and Backfill Details	12/04/2019
<b>BD62-1-3</b>	<b>C</b>	Services in Common Trench – Typical Service Positioning	23/11/2000
<b>BD62-1-4</b>	<b>D</b>	Watermain in Common Trench – Typical Alignment Change (2.1m to 1.8m)	23/11/2000
<b>BD62-2-1</b>	<b>M</b>	Sluice Valve and Hydrant – Typical Installation Details	2/11/2017
<b>BD62-2-2</b>	<b>H</b>	Flushing Point Installation – DN100 and DN150 – Typical Arrangement	20/09/2017
<b>BD62-2-3</b>	<b>F</b>	Thrust Supports DN100 and DN150 – Bends, Tees and Blank Ends (PVC and DI Pipelines)	29/04/2004
<b>BD62-2-4</b>	<b>F</b>	Concrete Thrust Supports DN100 and DN150 – Bends, Tees and Blank Ends (PVC and DI Pipelines)	24/07/2012
<b>BD62-2-5</b>	<b>E</b>	Concrete Thrust Supports DN200 and DN250 – Bends, Tees and Blank Ends (PVC and DI Pipelines)	24/07/2012
<b>BD62-2-6</b>	<b>G</b>	Concrete Thrust Supports for Washout Bend with Hydrant – Typical Installation Details	21/11/2017
<b>BD62-2-7</b>	<b>C</b>	Thrust Supports for Tapers – Typical Installation Details	23/11/2000
<b>BD62-2-9</b>	<b>C</b>	Below Ground DN20 Water Service Typical Arrangement	15/06/21
<b>BD62-7-1</b>	<b>I</b>	PE Main Laying Installation for Cul-De-Sac – Type A – Up to 10 Services	15/06/21
<b>BD62-7-3</b>	<b>I</b>	PE Main Laying Installation for Cul-De-Sac – Type B – More Than 10 Services	15/06/21

<b>BD62-8-8</b>	<b>I</b>	DN25 Water Service (DN32 PE Pipe) – Dry Tapped and Under Pressure Arrangements	15/06/21
<b>BD62-8-9</b>	<b>H</b>	3 to 10 Service Connection Manifolds – Typical Arrangement	15/06/21
<b>BD62-8-10</b>	<b>P</b>	DN20 Water Service (DN25 Pipe) – Dry Tapped and Under Pressure Arrangement	15/06/21
<b>BD62-8-14</b>	<b>C</b>	Prelaid Water Services – Guidelines For Positioning	23/11/2000
<b>BD62-8-15</b>	<b>R</b>	Prelaid Single Water Services (DN20 Short and Long) Typical Arrangement (DN25 PE Pipe)	12/04/2019
<b>BD62-8-24</b>	<b>P</b>	Prelaid Dual Water Services (DN20 Short and DN25 Long) Typical Arrangement (DN25 and DN32 PE Pipe)	12/04/2019
<b>BD62-8-31</b>	<b>A</b>	Compression Fittings for Copper Pipe – Details of Cone Tight Internal and External Ends	21/11/2000
<b>BD62-8-36</b>	<b>D</b>	Bored Pipe Under Road – Soil Not Containing Rock, Typical Arrangement – DN100 Up To DN250	12/04/2019
<b>BD62-8-37</b>	<b>A</b>	Typical Lot Entry Arrangement – Low Retaining Walls – Single DN20 Service	13/03/2015
<b>BD62-10-1</b>	<b>I</b>	Temporary Builders Standpipe Assembly – 750mm, Typical Arrangement for DN20 Service	19/04/2012
<b>BD62-10-2</b>	<b>B</b>	Temporary Builders Standpipe Assembly – 150mm (Stumpy) Typical Arrangement for DN20 Service	19/04/2012
<b>BD62-12-1</b>	<b>C</b>	Typical Reticulation Design Drawing Template	20/09/2017
<b>BD62-12-2</b>	<b>F</b>	Typical Reticulation As-Constructed Drawing Template	20/09/2017
<b>BD62-12-3</b>	<b>B</b>	Intersections of Watermains – Typical Connection Arrangement	29/04/2004
<b>BD64-2-1</b>	<b>D</b>	Reinforced Concrete Valve Cover Surround – Casting Details	23/11/2000
<b>BD64-3-1</b>	<b>E</b>	Stop Tap Cover - Service Chamber – Typical Details	29/04/2004
<b>BD64-4-1</b>	<b>E</b>	Hinged Meter Cover – Service Chamber – Typical Details	29/04/2004
<b>BD64-8-3</b>	<b>H</b>	Kerb Marking – Typical Details	12/04/2019
<b>BD64-8-6</b>	<b>B</b>	Hydrant Blue Retro Reflective Pavement Marker (RRPM) – Typical Details	12/04/2019
<b>BD64-9-1</b>	<b>H</b>	Standup Protector for DN20 Service	09/07/2013
<b>BD64-10-1</b>	<b>C</b>	Water Meter/Valve Service Chamber – GRP Plastic Underbox	23/11/2017
<b>BD64-10-2</b>	<b>A</b>	Hydrant Service Chamber – GRP Plastic Underbox	21/11/2017
<b>CL44-4-1</b>	<b>E</b>	Ductile Iron Fittings – Washout Bend, Socket to Flange – DN100 x 90°	23/11/2000
<b>FG12-2-1</b>	<b>A</b>	Proportional Dimensions of Water Corporation Logo Drop	23/06/1999
<b>KA76-1-1</b>	<b>F</b>	Asset Identification – Marker Post, Typical Details	13/09/2017
<b>KA76-1-2</b>	<b>G</b>	Pipeline – Marker Post, Typical Details	21/11/2017
<b>KA76-1-5</b>	<b>C</b>	Fire Hydrant – Marker Post, Typical Details	13/10/2017
<b>KA76-1-6</b>	<b>B</b>	Electrical Cable – Marker Post, Typical Details	21/11/2017

