

PIPE SPECIFICATION (SCALE 1:10)

| STANDARD PIPE INFORMATION | |
|---|----------|
| PRODUCT CODE | P1063000 |
| A - PIPE INSIDE DIAMETER | 600 mm |
| B - PIPE OUTSIDE DIAMETER | 662 mm |
| C - SPIGOT OUTSIDE DIAMETER | 674 mm |
| D - SOCKET OUTSIDE DIAMETER | 688 mm |
| E - SOCKET OUTSIDE DIAMETER INCLUDING FLARE | 700 mm |
| F - EFFECTIVE LENGTH | 3000 mm |
| G - OVERALL LENGTH | 3180 mm |
| NOMINAL WEIGHT (KG) | 69 kg |
| NO. OF PIPES PER FULL LOAD | 48 |
| METRES PER FULL LOAD | 144 m |

| STUBS: | |
|---------------------------------|----------|
| NOMINAL DIAMETER | 600 mm |
| EFFECTIVE LENGTH | 1500 mm |
| PRODUCT CODE - PLAIN END/SPIGOT | P1061501 |
| PRODUCT CODE - PLAIN END/SOCKET | P1061502 |

| | |
|---------------------------|-----------------------|
| SHORT-TERM RING STIFFNESS | 8 kN/m ² |
| LONG-TERM RING STIFFNESS | 6.8 kN/m ² |

NOTE: MANUFACTURING TOLERANCES ON ALL DIAMETERS TO $\pm 6\text{mm}$ AND ALL LENGTHS TO $\pm 50\text{mm}$



ISOMETRIC VIEW (SCALE 1:15)

NOTE:
BS EN 9295:2020 SECTION A.10.3 STATES THAT ROCKER PIPES ARE NOT REQUIRED FOR AQUASPIRA PIPES. THIS DETAIL SHOWS A METHOD FOR BUILDING PIPES INTO MANHOLES UTILIZING HALF-LENGTH PIPES WHERE IT IS NOT PRACTICAL TO BUILD IN FULL LENGTH PIPES.

- NOTE:
- FOR DETAILS OF TRADITIONAL MANHOLE CONSTRUCTION REFER TO SEWERS FOR ADOPTION OR SEWERS FOR SCOTLAND.
 - ALL DIMENSIONS ARE NOMINAL AND IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 - PLEASE REFER TO AQUASPIRA TECHNICAL MANUAL AND SITE HANDBOOK FOR DETAILED INFORMATION ON PIPE INSTALLATION.
 - ALL STAINLESS STEEL TO BE GRADE 304 AND 4mm THICK, UNLESS OTHERWISE SPECIFIED.
 - ALL PIPE SPECIFIED TO BE AQUASPIRA CSR PIPE.

PIPE BEDDING NOTES:

- PROCESSED GRANULAR MATERIAL TO INCLUDE AGGREGATES TO BS EN 12620:2002 AIR-COOLED BLAST FURNACE SLAG TO BS EN 12620:2002 AND LIGHTWEIGHT AGGREGATES TO BS EN 13055:2016.
- ALL TEMPORARY ENABLING WORKS ARE BY OTHERS.
- PROJECT ENGINEERS TO CONFIRM THE BACKFILL DETAILS ARE APPROPRIATE FOR THE SITE GROUND CONDITIONS AND LOADING CRITERIA.
- DURING CONSTRUCTION, HA40/01 SECTION 2.3 RECOMMENDS MINIMUM 1m COVER FOR PIPES SUBJECT TO CONSTRUCTION TRAFFIC LOADING.
- RECLAIMED AND SITE WON MATERIAL TO BE REVIEWED AND APPROVED BY MAIN PROJECT ENGINEER PRIOR TO USE AS BACKFILL.
- WHERE MINIMUM COVER DEPTHS SHOWN CANNOT BE ACHIEVED, A REINFORCED CONCRETE PROTECTION SLAB IS REQUIRED. FOR DETAILS PLEASE SEE AQUASPIRA TECHNICAL MANUAL.

FLOTATION:

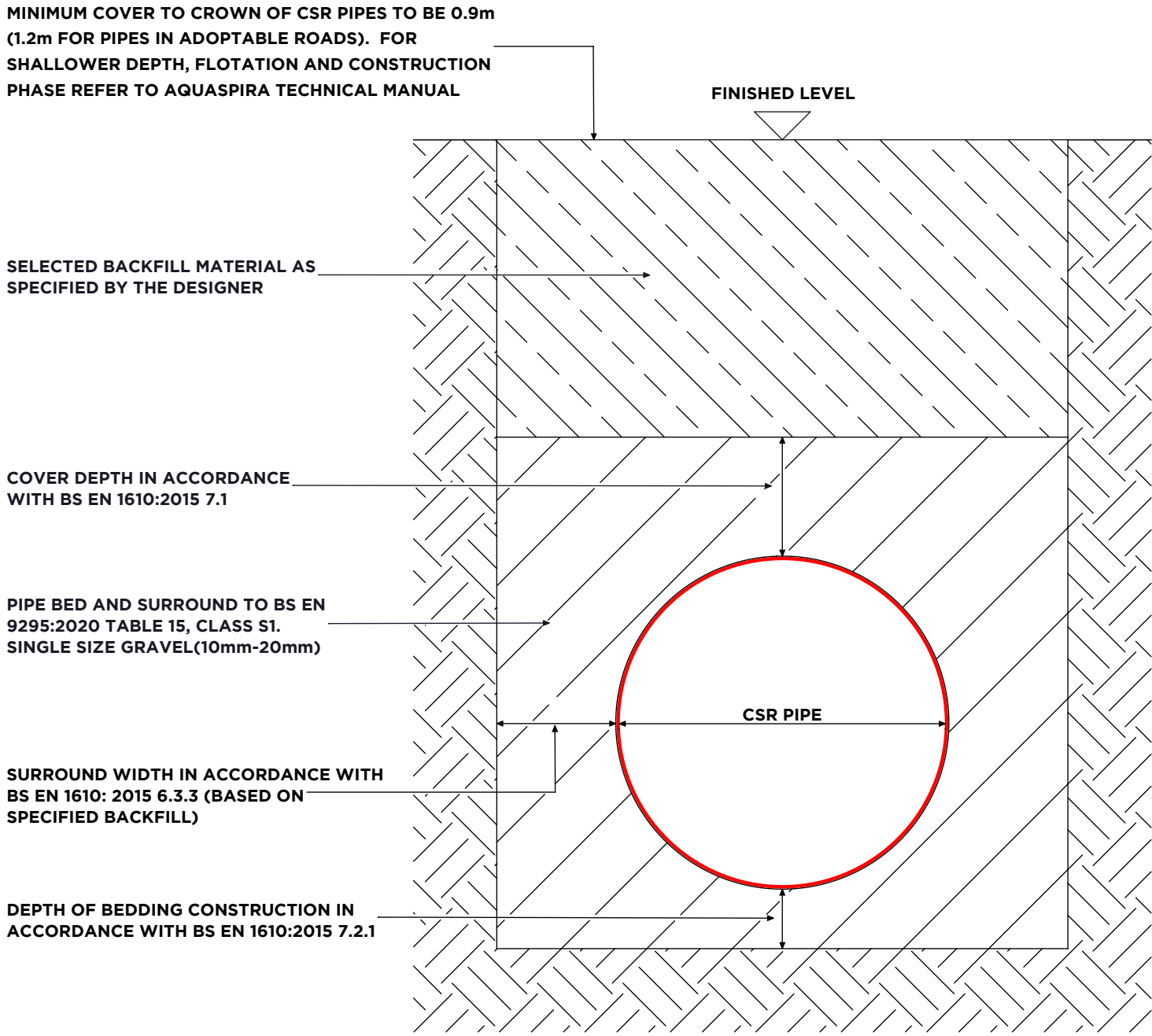
PIPES ABOVE 1500 \varnothing MAY REQUIRE MORE THAN 900mm COVER. PLEASE REFER TO AQUASPIRA TECHNICAL MANUAL.

aquaspira

Drawing Title:

CONSTRUCTION DETAIL AND DATA SHEET - 600 \varnothing CSR PIPE 3.0m

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|-------------|----------|----------|----------|
| Date: | Scale: | Drawn: | Checked: |
| | AS SHOWN | JA | |
| Drawing No: | | P1063000 | A1 |



CSR SECTION BED AND SURROUND DETAIL
(NOT TO SCALE)

FOR SITE SPECIFIC DRAWINGS, DIMENSIONS AND STRUCTURAL CALCULATIONS, PLEASE EMAIL tech@aquaspira.com or TEL: 01282 608510

FOR REFERENCE
PURPOSES ONLY

AQUASPIRA PRE-FABRICATED PIPELINE ACCESS UNITS ARE ALSO AVAILABLE. PLEASE SEE <https://www.aquaspira.com/products/pipeline-access>