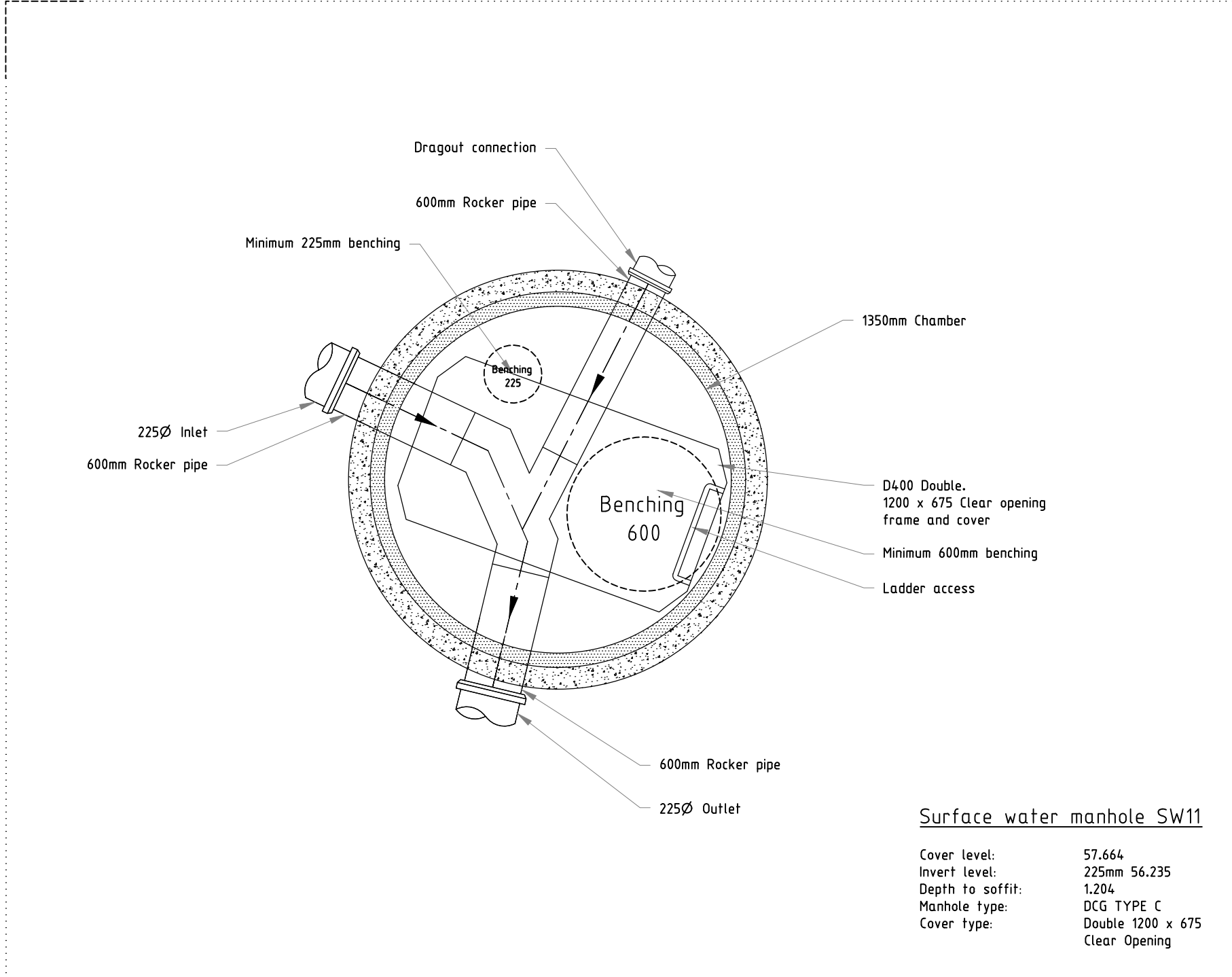
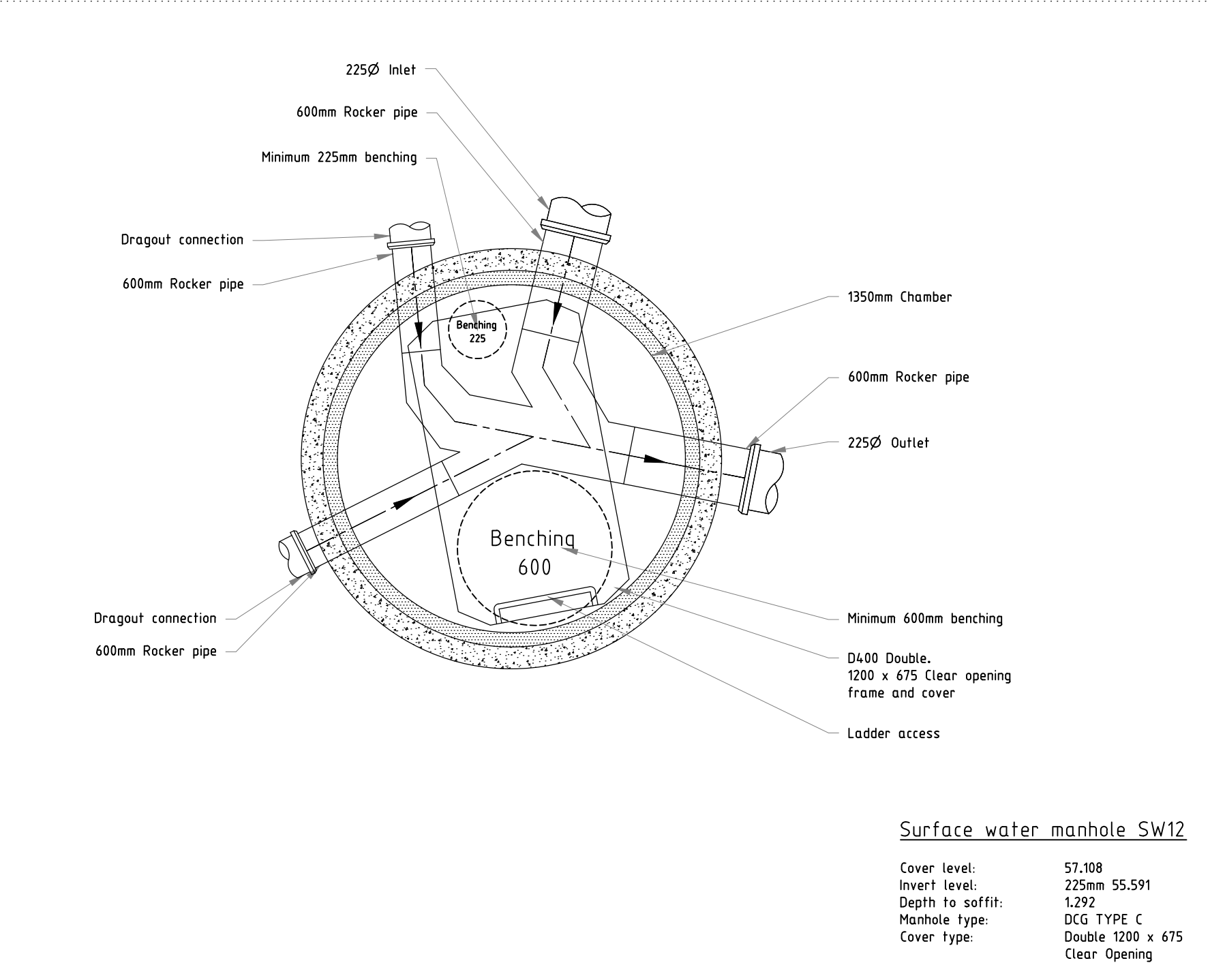




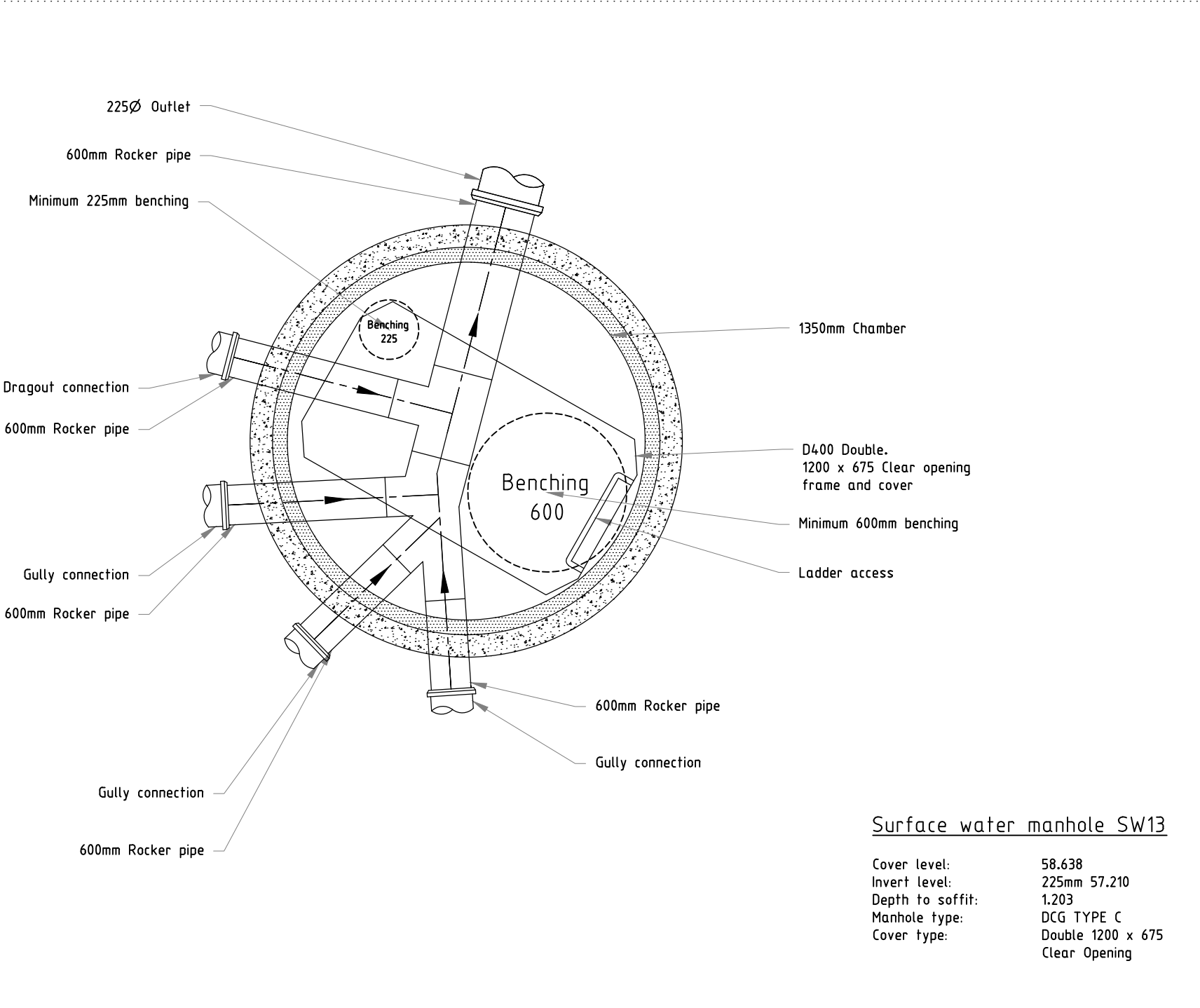
Surface water manhole SW11

Cover level: 57.664
Invert level: 225mm 56.235
Depth to soffit: 1.204
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening



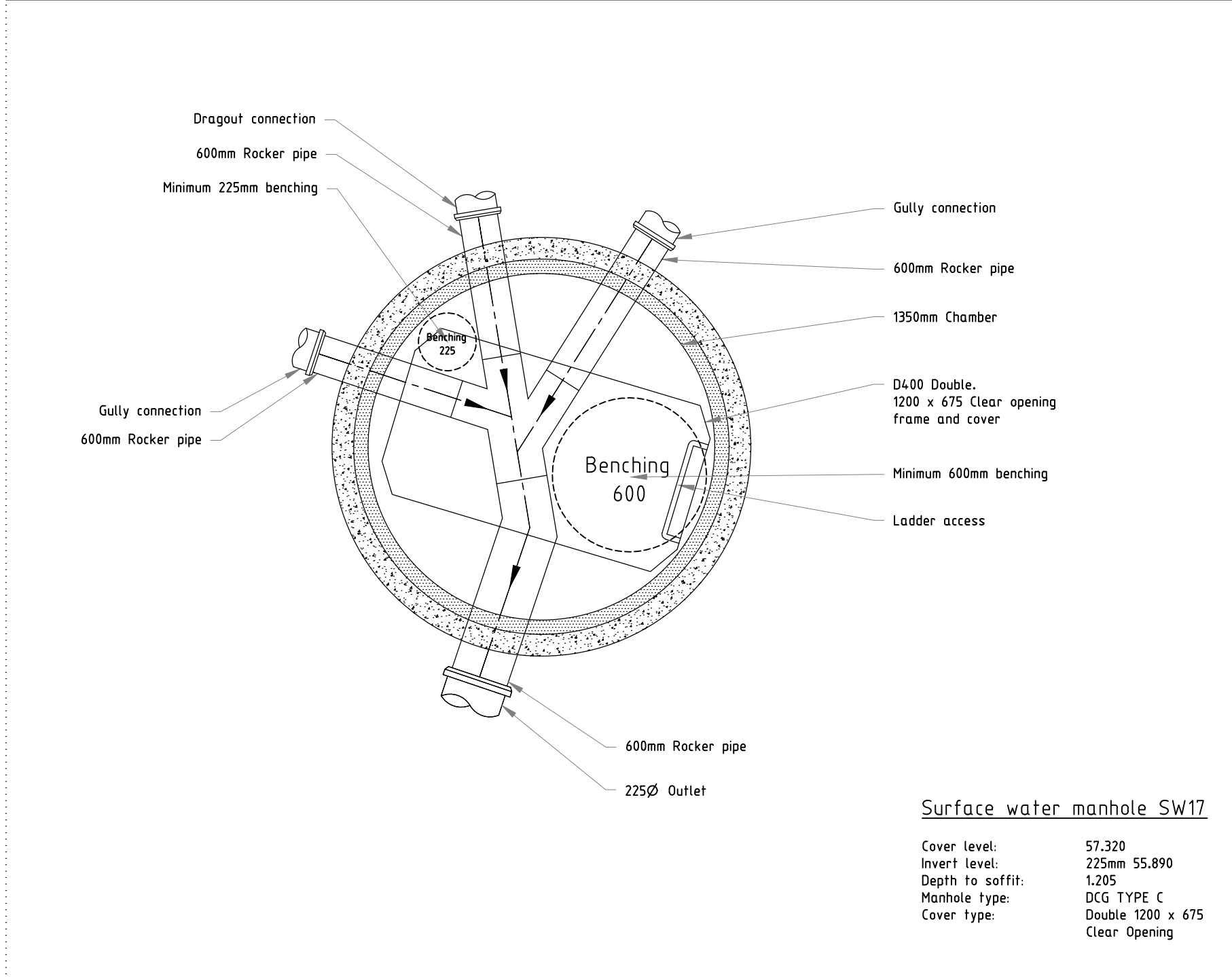
Surface water manhole SW12

Cover level: 57.108
Invert level: 225mm 55.591
Depth to soffit: 1.292
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening



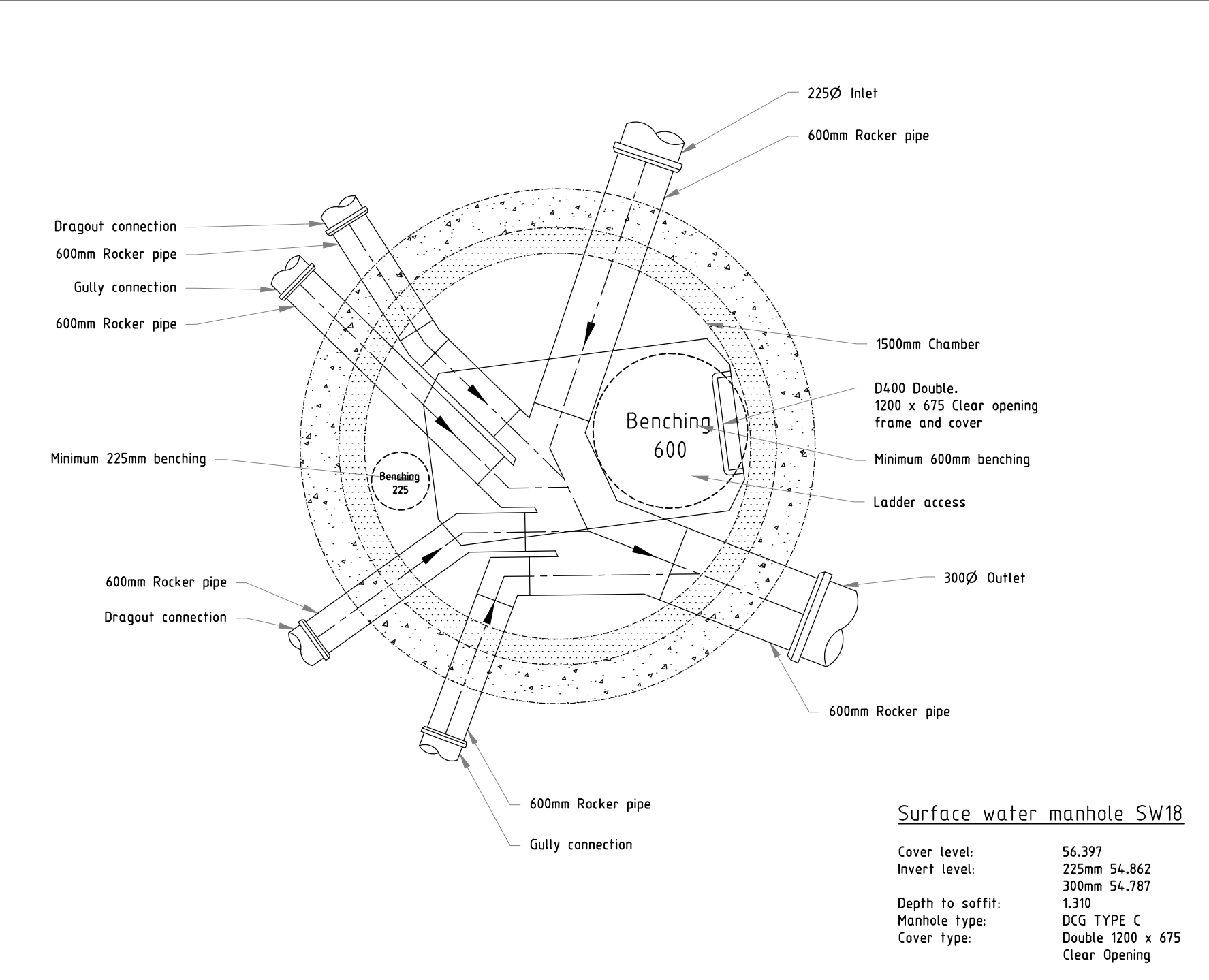
Surface water manhole SW13

Cover level: 58.638
Invert level: 225mm 57.210
Depth to soffit: 1.203
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening



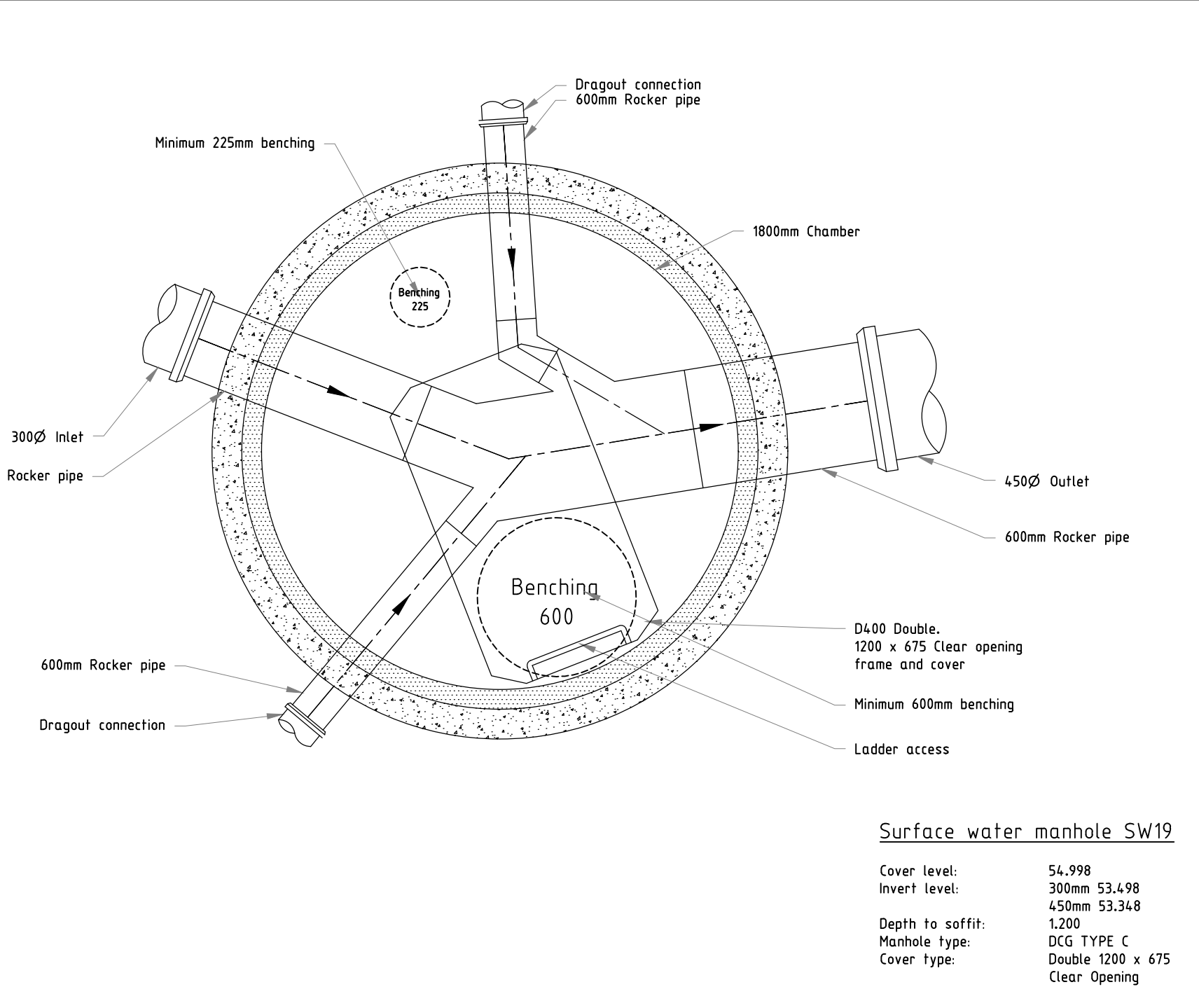
Surface water manhole SW17

Cover level: 57.320
Invert level: 225mm 55.890
Depth to soffit: 1.205
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening



Surface water manhole SW18

Cover level: 56.397
Invert level: 225mm 54.862
300mm 54.787
Depth to soffit: 1.310
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening



Surface water manhole SW19

Cover level: 54.998
Invert level: 300mm 53.498
450mm 53.348
Depth to soffit: 1.200
Manhole type: DCG TYPE C
Cover type: Double 1200 x 675 Clear Opening

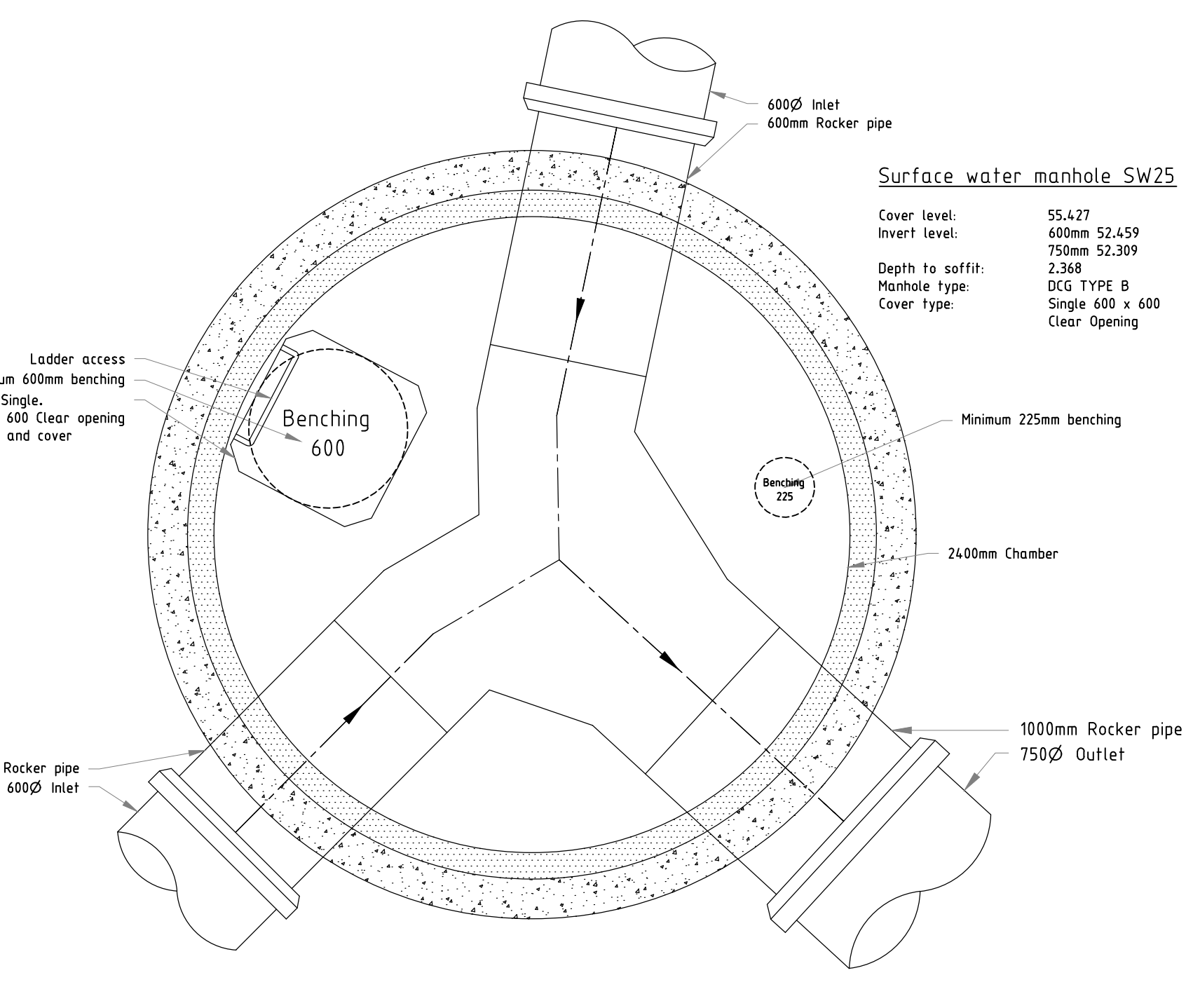


SW22 HYDROBRAKE

For hydrobrake details, refer to manufacturers' specification.

Surface water manhole SW24

Cover level: 54.879
Invert level: 600mm 52.520
Depth to soffit: 1.759
Manhole type: DCG TYPE B
Cover type: Single 600 x 600 Clear Opening



Surface water manhole SW25

Cover level: 55.427
Invert level: 600mm 52.459
750mm 52.309
Depth to soffit: 2.368
Manhole type: DCG TYPE B
Cover type: Single 600 x 600 Clear Opening

FILENAME

PLOT DATE

0 mm 10 20 30 40 50

NOTES:

- ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE (DCG) AND ICOSA GUIDELINES AND STANDARD DETAILS.
- ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPOGRAPHIC SURVEY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE LINE AND LOCATION OF ANY EXISTING SEWERS, AS WELL AS ANY EXISTING GROUND AND INVERT LEVELS SHOWN ON THE DRAWING ARE CORRECT PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY.
- PRIOR TO THE COMMENCEMENT OF ANY ON SITE WORKS THE CONTRACTOR MUST CONTACT THE STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST DRAWINGS SHOWING THEIR APPARATUS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE SUPERVISION OF THE CONSTRUCTION WORKS BY ICOSA AND/OR THE HIGHWAYS AUTHORITY. THE CONTRACTOR WILL NOTIFY THE SUPERVISING OFFICER GIVING NOTICE WHICH WILL BE IN ACCORDANCE WITH THE AUTHORITIES REQUIREMENTS.
- THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE EXTRA STRENGTH TO B.S EN 295:1991 PART 1.
- ANY PRE CAST CONCRETE PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916:2002.
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THE CORRECT BEDDING, SURROUND AND BACKFILLING PROCEDURES ARE FOLLOWED FOR PVC PIPES. FOR DETAILS OF EMBEDMENT AND SURROUND FOR FLEXIBLE PIPES REFER TO DR-C-2117_DRAINAGE CONSTRUCTION DETAILS.
- ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1917:2002.
- SEWERS WITH COVER TO SOFFIT GREATER THAN 1.2m IN ROADS AND 0.9m IN FIELDS SHALL HAVE BED AND SURROUND AS FOLLOWS: RIGID PIPE EMBEDMENT SHALL BE CLASS S, SEMI RIGID PIPE EMBEDMENT SHALL BE CLASS S ALL IN ACCORDANCE WITH DR-C-2117_DRAINAGE CONSTRUCTION DETAILS.
- ANY SEWER FOR ADOPTION WITH A COVER OF LESS THAN 1.2M TO PIPE SOFFIT IN ROADS OR 0.9m TO PIPE SOFFIT IN FIELDS WILL REQUIRE A REINFORCED CONCRETE PROTECTION SLAB.
- PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAID TO THE SPECIFIED INVERT.
- THE INVERT LEVELS SPECIFIED AT THE DRAG OUT CHAMBER ARE INCOMING LEVELS.
- WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTLAGE OF THE DWELLING FOR WHICH THEY SERVE.
- THE CONNECTION TO THE ADAPTABLE SEWER SHALL BE MANUFACTURED JUNCTION PIPES A SADDLE CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
- CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 104 APPROVAL GRANTED BY ICOSA.
- CONNECTIONS TO THE EXISTING WATERCOURSE WILL BE IN ACCORDANCE WITH APPROVAL GRANTED BY THE EA.

ALL LATERAL CONNECTIONS WILL BE MADE SOFFIT TO SOFFIT

ALL PIPE LENGTHS ARE IN LINE WITH VARIABLE FEATURES STND/19/010

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Rev	Date	Description
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Project Name COLLYHURST VILLAGE		
Client DEX CONSTRUCTION		
Designed	Drawn	Checked
J.W.	J.W.	R.A.
Drawing Title SW 1 TO 20S SHEET 2		Scale @ A1 1:20
Project No. 221625		PRELIMINARY NOT FOR CONSTRUCTION
Drawing No. 221625-EDGE-XX-XX-DR-C-2114		Revision P01