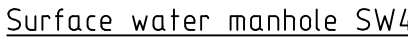


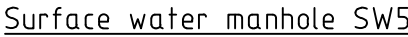
Cover level:	60.524
Invert level:	300mm 58.227
	1050mm 57.477
Depth to soffit:	1.997
Manhole type:	DCG TYPE B
Cover type:	Single 600 x 600
	Clear Opening

SW3 HYDROBRAKE

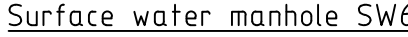
For hydrobrake details, refer to manufacturers' specification.



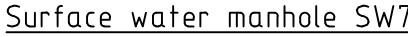
Cover level:	61.261
Invert level:	225mm 59.833
Depth to soffit:	1.203
Manhole type:	DCG TYPE C
Cover type:	Double 1200 x 675
	Clear Opening



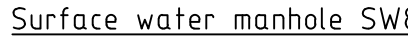
Cover level:	60.768
Invert level:	225mm 59.343
Depth to soffit:	1.200
Manhole type:	DCG TYPE C
Cover type:	Double 1200 x 675
	Clear Opening



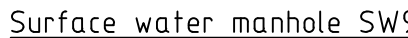
Cover level:	58.987
Invert level:	225mm 57.562
	300mm 57.487
Depth to soffit:	1.200
Manhole type:	DCG TYPE C
Cover type:	Double 1200 x 600
	Clear Opening



Cover level:	57.883
Invert level:	300mm 56.383
	375mm 56.308
Depth to soffit:	1.200
Manhole type:	DCG TYPE C
Cover type:	Double 1200 x 675
	Clear Opening



Cover level:	56.184
Invert level:	225mm 54.758
	375mm 54.608
	450mm 54.533
Depth to soffit:	1.201
Manhole type:	DCG TYPE C
Cover type:	Double 1200 x 600
	Clear Opening



Cover level: 57.750
Invert level: 375mm 56.175
Depth to soffit: 1.200
Manhole type: DCG TYPE C
Cover type: Double 1200 x 600
Clear Opening



Cover level: 58.262
Invert level: 225mm 56.790
Depth to soffit: 1.247
Manhole type: DCG TYPE C
Cover type: Double 1200 x 600
Clear Opening

- NOTES:**
1. ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE (DCG) AND ICOSA GUIDELINES AND STANDARD DETAILS.
 2. ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPOGRAPHIC SURVEY.
 3. 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES THAT MUST BE REPORTED IMMEDIATELY.
 4. PRIOR TO THE COMMENCEMENT OF ANY ON SITE WORKS THE CONTRACTOR MUST CONSULT WITH THE STATUTORY UNDERSEWER AND BE IN POSSESSION OF THE LATEST DRAWINGS SHOWING THEIR APPARATUS.
 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE PROTECTION 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 HIGHWAYS ACT 1999.
 6. THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE EXTRA STRENGTH TO B.S EN 295:1991 PART 1.
 7. ANY PRE CAST CONCRETE PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 12002.
 8. 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-2117 DRAWING CONSTRUCTION DETAILS.
 9. ALL MANHOLLS AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 12002.
 10. SEWERS WITH CROWN TO SOFIT HEIGHT GREATER THAN 1.2m IN RIGID AND 0.9m IN FIELDS SHALL HAVE BED AND SURROUND AS FOLLOWS: 150mm PIPE EMBEDMENT SHALL BE CLASS 3.5, SET IN RIGID PIPE EMBEDMENT SHALL BE CLASS 5.5 AS ACCORDANCE WITH DR-2117 DRAWING CONSTRUCTION DETAILS.
 11. ANY SEWER FOR ADDITION WITH A COVER OF LESS THAN 1.2M IN RIGID OR IN ROADS OR 0.9m IN FIELDS SHALL REQUIRE A REINFORCED CONCRETE PROTECTION SLAB.
 12. PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAD TO THE SPECIFIED INVERT.
 13. THE INVERT LEVELS SPECIFIED AT THE DRAG OUT CHAMBER ARE INCOMING LEVELS.
 14. WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN UNDER THE CURTLEGE OF THE DWELLING FOR WHICH THEY SERVE.
 15. THE CONNECTION TO THE ADAPTABLE SEWER SHALL BE MANUFACTURED JUNCTION PIPES A SADDLE CONNECTION IS NOT ALLOWED UNLESS IT IS SPECIFIED OTHERWISE.
 16. CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 10.4 APPROVAL GRANTED BY ICOSA.
 17. CONNECTIONS TO THE EXISTING WATERCOURSES 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