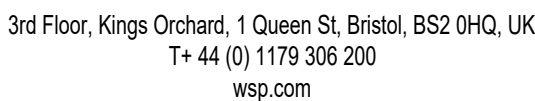




NOTES

1. All levels shown are in metres AOD and all dimensions are in millimetres unless noted otherwise.
2. This drawing to be read in conjunction with shop drawings 70041881-102 and 104.
3. All works to be in accordance with the relevant provisions of the specification document Civil Engineering Specification For The Water Industry (CESWI) 7th edition. The clause numbers derived below relate to the specification above unless stated otherwise.
4. Manhole covers and frames shall comply with BS EN 124 and BS7903.
5. Manhole frames shall be set level, bedded and haunched to CL 5.21.
6. Manhole frames shall be seated on at least two courses of class B engineering bricks or concrete seating rings of class B.
7. Brickwork shall be flintish bond in class B engineering bricks to BS3291 laid out designation (i) mortar to clause 2404.
8. D400 heavy duty manhole cover to CL 2.74 min. 675 x 675 opening.
9. The channel may be preformed with suitably sized half round channel.
10. Ladders shall be either stainless steel or GRP. Fixings to be stainless steel where specified.
11. Step rungs shall be double polypropylene encapsulated where specified.
12. All in-situ concrete to have 50-75 slump and to be vibrated to form dense watertight seal with precast sections.
13. Benching to be granolithic concrete to form dense smooth finish.
14. Frames for manhole covers shall be bedded in a polyester resin bedding mortar in all situations where covers are sited in NRSWA road categories 1, 2 or 3. M1 OR M2 mortar otherwise.
15. Where fitted ladders shall be extendable to a height of 1m above ground level.
16. All precast concrete is to be to class DCA4 of BS 5911
17. In-situ concrete types are as specified in BS 8900-1:2006
18. Crest level of vertical pipe within chamber = groundwater level in existing standpipe at MH3 site as measured at start of works.

DRAWING STATUS: D2 - FOR TENDER



LENT



ABBEEY CONSOLS METAL MINE
REMEDIATION PROJECT

TIME

MINE WATER CAPTURE MANHOLE (MH 3) PLAN AND SECTIONS

DRAWING No:	REV:
70041004-100	D0

© WSP UK Ltd