

A. Details/revisions for section 104 submission 28—
B. Manhole relevant to phase 2A UU number added 1—
C Full redesign following layout changes and implement of surface water storage basin 14
D. S6 & S55 added
E. Concrete surround detail added, Water levels adjusted following UU comments

1083-12-7

DATE Apr17

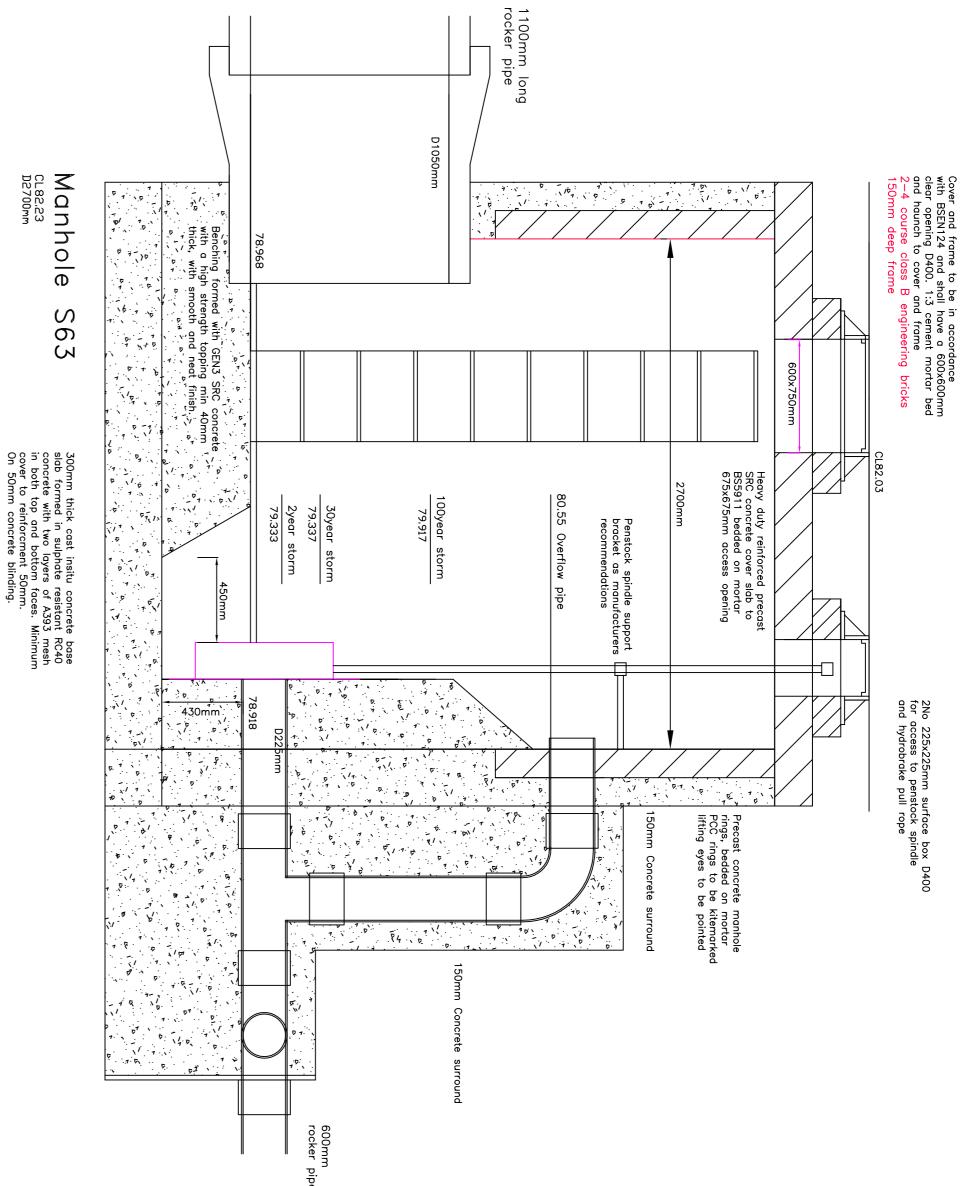
A03. Drawings not to be scaled. All dimensions to be checked on site by the contractor. Any discrepancies to be notified to the Engineer and further instructions obtained before work is commenced.

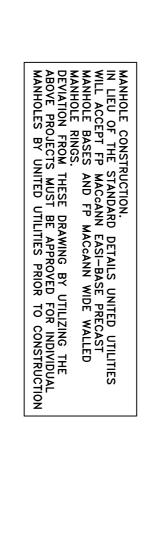
No part of this drawing may be reproduced, stored in a retrieval system or transmitted in any form or by any means without prior permission in writing from RAB Engineering LTD

inhole construction - refer to CPA technical bulletin Sept 2001 Illning changes to relevant British Product Standards 5911-200:1994. All precast concrete products are to be kite marked they will be rejected as part of an adoptable system. Manhole cover bs to BS5911

Anhole covers to have a clear opening of 600 x 600mm and shall be lass D400 to BSEN124 with 150mm deep frames. Illed ground must be filled and consolidated under the supervision of T before any sewer works are carried out. All adoptable sewers to be Islicians to the several t

A01. These notes are intended to augment drawings and specifications. Where conflict of requirements exists the order of precedence shall be as shown in the specification. Otherwise the strictest provision shall govern.





ALL MANHOLES AND DRAINAGE COMPONENTS TO COMPLY WITH CODE FOR ADOPTION STANDARD DETAILS. ANY DEVIATION BETWEEN THESE AND THE CURENT DESIGN TO BE CLARIFIED PRIOR TO CONSTRUCTION. Top water level for the 30year 15min storm

Precast concrete manhole rings, bedded on mortar PCC rings to be kitemarked

Penstock spindle support bracket as manufacturers recommendations

Precast concrete manhole rings, bedded on mortar PCC rings to be kitemarked lifting eyes to be pointed 150mm GEN3 SRC concrete surround

Cover and frame to be in accordance with BSEN124 and shall have a 600x600mm clear opening D400. 1:3 cement mertar bed and haunch to cover and frame 2-4 course class B engineering bricks 150mm deep frame

Sump 78.488

0

1100mm long rocker pipe

S63 control manhole
Hydrobrake Optimum with
bypass door from
Hydro International UK
Shearwater House
Clevedon Hall Estate
Victoria Road
Clevedon BS21 7RD
Tel 01275 878371

MD-SHE-0182-1700-1200-1700 Head 1.20m Flow 171/s S63 225mm penstock
Everyvalve Ltd
19 Station Close
Potters Bar
Herts EN6 1TL
Tel 01707 642018
Handle to be operable
from access cover
Handle be hung from co

lphate resistant cement (C20-DC2) and precast concrete products st be used or a laboratory report provided proving that such scautions are not necessary.

chamber size of manholes with more then one connection in them need to be increased one increment to accommodate the rection and bends. See individual manhole detail

ver slabs must carry the BSI Kitemark or will be rejected by United lities Inspector. Where the clear opening of the Kitemarked product different to that of the cover and frame, a loading bearing slab ould be fitted above the cover slab to bring the size down to 600mm 300mm for the United Utilities specified cover size. Please refer to increte Pipe Systems Association (CPSA), Technical Bulletin' issued tumn 2004 for Kitemarked cover slab opening sizes.

sewer pipes to be laid in max 3m lengths unless there is a erational need to lay longer lengths.

The adoptable sewers shall be a min 1.0m and ithe curb and service margins.

Manhole CL82.23 D2700mm

S63

Benching formed with GEN3 with a high strength topping thick, with smooth and neat

SRC comin 4 finish.

470mm

RAMP

Manhole CL82.23 D2700mm

S63

275mm

0-7

LIVEELIMINALVI CINE I

R.A.B.

ENGINEERING
DESIGN LTD