

ALTHON AH12CA RH HEADWALL CLOSE COUPLED GRATING **SCALE 1:20** 

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL

MANHOLE COVER TO SUIT BS EN 124 MORTAR BEDDING AND HAUNCHING LOADING HIGHWAYS - CLASS D400 600 TO COVER AND FRAME TO CLAUSE MM CLEAR OPENING ACCESS OPENING RESTRICTED TO 350mm SURFACE COURSE DIAMETER OR 300mm X 300mm IF DEPTH OF CHAMBER TO INVERT IS > 1m BINDER COURSE BASE COURSE CLASS B ENGINEERING BRICKWORK OR PRECAST CONCRETE COVER FRAME SEATING RINGS PRECAST CONCRETE SLAB OR IN-SITU CONCRETE SLAB TO SUPPORT COVER AND FRAME DOT TYPE 1 SUB BASE (THICKNESS VARIES) FLEXIBLE SEAL TEMPORARILY CAP SHAFT DURING CONSTRUCTION MINIMUM INTERNAL DIMENSIONS 450mm DIAMETER OR 450mm X DOT TYPE 1 SUB BASE (THICKNESS VARIES) OR CONCRETE SURROUND JOINTS BETWEEN BASE AND SHAFT AND BETWEEN SHAFT COMPONENTS TO BE BASE UNIT TO HAVE ALL FITTED WITH WATERTIGHT SEALS CONNECTIONS WITH SOFFIT LEVELS SET NO LOWER THAN THAT OF THE MAIN PIPE GRANULAR BEDDING MATERIAL INVERT OF CONNECTING PIPE AT JOINT TO BE AS CLOSE AS POSSIBLE LEAST 50mm ABOVE THAT OF THE TO FACE OF CHAMBER TO PERMIT MAIN PIPE

WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY THE HIGHWAY AUTHORITY CAN HAVE SPECIFIC REQUIREMENTS

SATISFACTORY JOINT AND SUBSEQUENT MOVEMENT

FIGURE B.16 - TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m NON-ENTRY

Burroughs

**BRO TATHAN UTILITIES** 

## **DRAWING NOTES:**

- THE DETAILS SHOWN ON THE DRAWING ARE FOR PLANNING AND ARE SUBJECT TO APPROVAL BY VALE OF GLAMORGAN COUNTY
- 2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER BURROUGHS
- PROJECT DRAWINGS AND SPECIFICATIONS. DO NOT SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY.

21/07/23 IQ RLJ DDH 20/07/23 IQ RLJ DDH DATE DRW. CHK. APP. S2-P2.0 ISSUED FOR PLANNING FOLLOWING COMMENTS S2-P1.0 ISSUED FOR PLANNING

## SERIES 0500 - DRAINAGE SEWERS FOR ADOPTION DETAILS SHEET 3

Burroughs Project No.: AS SHWON A1

50192-BUR-HDG-XX-DR-D-0552

S2 -FOR INFORMATION

Revision: Revision Description:

This document is copyright of Burroughs Ltd. Use figured measurements only! DO NOT SCALE FROM DRAWING. Verify all dimensions prior to construction. Immediately report any discrepancies to Burroughs and if in doubt ASK. This drawing should be read inconjunction with all other associated project information

P2.0 - ISSUED FOR PLANNING FOLLOW. COMMENTS