

COVER AND FRAME TO BS EN 124 AS  
DETAILED ON MANHOLE SCHEDULE

BED AND HAUNCH COVER AND FRAME WITH  
3:1 CEMENT MORTAR TO SUIT

REGULATING COURSES IN CLASS B  
ENGINEERING BRICKWORK, MINIMUM 2  
COURSES, MAXIMUM 4 COURSES

INCOMING RWP FROM SCHOOL  
IS RUNNING WITHIN A SLAB RECESS  
(L TO BE CONFIRMED) AND  
PROVIDED WITH 150mm CONCRETE  
BED AND HAUNCH

HIT AND MISS UPSTAND TO RETAIN  
UPPER DRAINAGE LAYER

HIT +32.628 TOP OF UPSTAND  
VARIES (32.600 @ D-D)

AGGREGATE INFILL TO 150mm 'MOUSEHOLES' @  
150mm INTERVALS TO ALLOW FREE PASSAGE  
OF WATER

GEOTEXTILE LAPPED UP STRUCTURE AND  
ADHERED

MINIMUM 50mm GEOCELLULAR UNIT VERTICAL TO  
FACILITATE CASCADE OF WATER FROM UPPER SLAB

MINIMUM 400mm AGGREGATE COVER TO ATTENUATION  
UNITS TO PROVIDE TEMPORARY FLAT SURFACE

AGGREGATE TYPE TO BE CONFIRMED (ASSUME MOT TYPE 3  
OR TENDER PURPOSES)

WHERE CLASS C OR D COVER IS USED THE SLAB SHALL BE 250mm  
THICK C35 CONCRETE WITH 12mm HIGH YIELD STEEL (OR 16mm  
MILD STEEL) BARS AT 100mm c/c EACH WAY WITH 40mm COVER  
FROM UNDERSIDE OF SLAB, WHERE CLASS A OR B COVER IS USED  
THE SLAB SHALL BE 150mm THICK C35 UNREINFORCED CONCRETE.

+33.000 GROUND LEVEL  
VARIES (APPROX MAX)

COVER SLAB TO BE BEDDED ON MORTAR OR PROPRIETARY BITUMEN OR RESIN  
MASTIC SEALANT WITH MORTAR POINTING TO INTERNAL FACE

COVER AND FRAME TO BS EN 124  
AS DETAILED ON MANHOLE  
SCHEDULE

REMOVABLE PURPOSE MADE STAINLESS STEEL FILTER BASKET  
MAXIMUM HOLE / MESH SIZE 6 MM CAPABLE OF INCOMING FLOW

SPECIALIST BLUE ROOF CONTRACTOR TO DEVELOP DETAIL FOR  
ABUTTING UNITS TO ENSURE STRUCTURAL STABILITY MAINTAINED

APPROX. 35.7m

STRUCTURAL SLAB LAID TO FALLS  
WATERPROOFING SYSTEM (BY OTHERS)  
MIN. 6mm DEEP DRAINAGE BOARD

GEOTEXTILE LAPPED UP STRUCTURE AND  
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- STRUCTURAL SLAB LAD TO FALLS
- WATERPROOFING SYSTEM (BY OTHERS)
- MIN. 6mm DEEP DRAINAGE BOARD
- GEOCELLULAR UNITS LAD TO FALLS TO ACHIEVE REQUIRED
- CONTINUOUS ENVELOPE OF GEOTEXTILE FILTER
- MANHOLE PERFORATED TO ALLOW FOR WATER FLOW