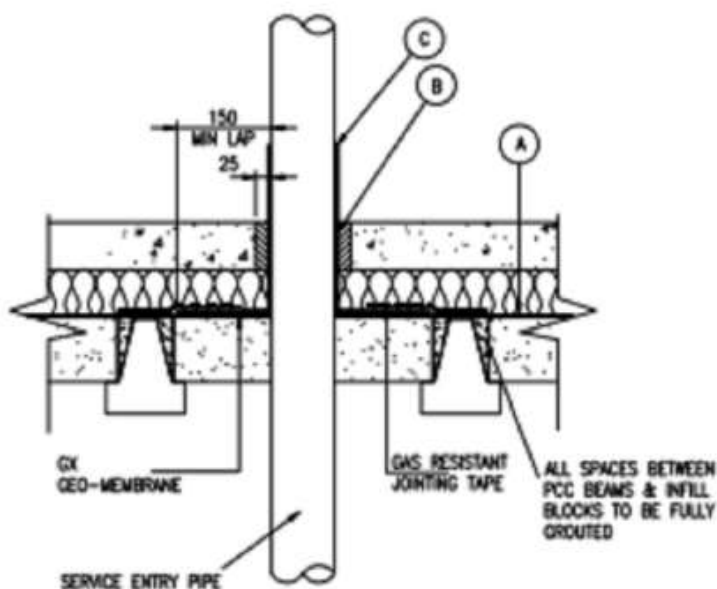


# **BEAM & BLOCK - TYPICAL CS-3 GAS PROTECTION DETAILS**

## REFERENCE NOTES

- (A) VISQUEEN GX GEO-MEMBRANE.
- (B) FACTORY FORMED TOP HAT DETAIL FIXED TO MEMBRANE AND TO EXTERNAL FACE OF PIPE USING PROPRIETARY DOUBLE SIDED GAS RESISTANT TAPE.
- (C) SERVICE PENETRATION THROUGH THE SLAB IS TO BE SEALED WITH APPROPRIATE SEALANT IN ACCORDANCE WITH MANUFACTURERS DETAILS.



**TYPICAL DETAIL AT SERVICE PIPE  
PENETRATING SLAB  
(ISOLATED LOCATIONS)**

## CS3 GAS PROTECTION

ALL GX GEO-MEMBRANES ARE TO BE INSTALLED TO REASONABLE LEVELS OF WORKMANSHIP IN LINE WITH CURRENT GOOD PRACTICE UNDER COA WITH INTEGRITY TESTING AND INDEPENDENT VALIDATION, IN ACCORDANCE WITH BS8485 AND TO THE APPROVAL OF NHBC.

ALL MEMBRANES TO BE LAPPED AND SEALED AT JOINTS USING PROPRIETARY DOUBLE SIDED SEALING TAPE. ALL SERVICES ENTRIES ARE TO INCORPORATE A SEALED JOINT, TOP HAT OR SIMILAR.

B.S.8485:2007

CHARACTERISTIC GAS SITUATION CS3 -  
(EQUATES TO AMBER 2 OF THE NHBC TRAFFIC LIGHT SYSTEM)

SCORE REQUIRED 4.0

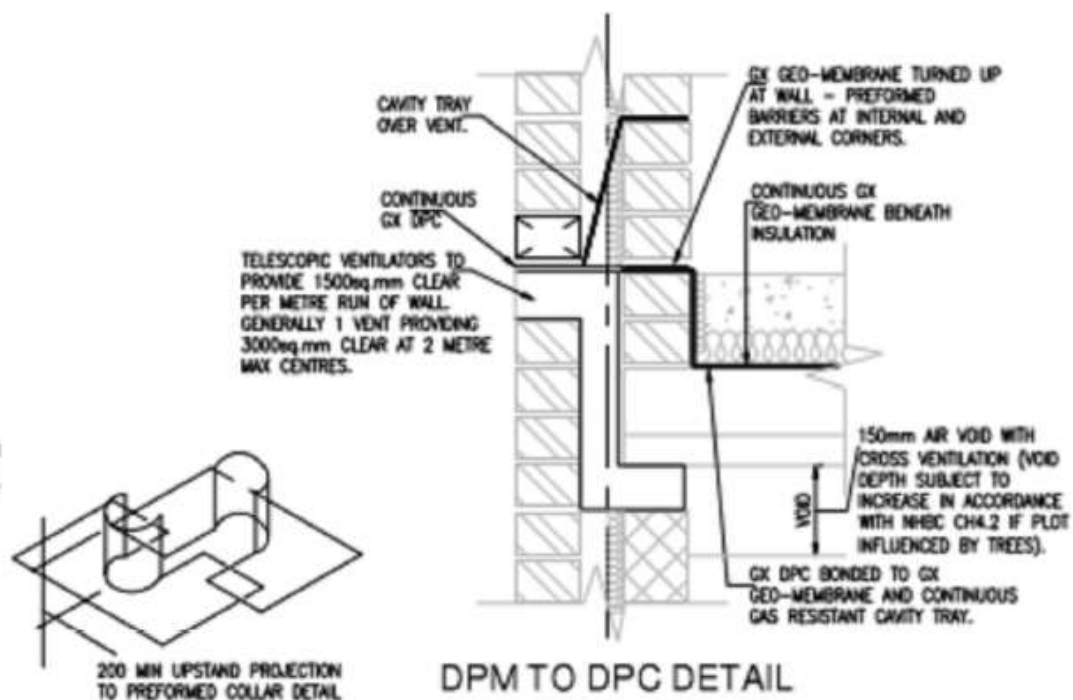
FLOOR/ VENTING - PRE-CAST BEAM & BLOCK FLOOR SLAB WITH MINIMAL SERVICE PENETRATIONS. SUB-FLOOR CLEAR VOID PROVIDING GOOD PASSIVE VENTILATION.

SCORE ACHIEVED 2.0

MEMBRANE - VISQUEEN GX GEO-MEMBRANE INSTALLED TO REASONABLE LEVELS OF WORKMANSHIP / IN LINE WITH CURRENT GOOD PRACTICE WITH INDEPENDENT VALIDATION. ALSO 1 IN 3 PLOTS REQUIRES A FULL INSITU GAS TEST - THIS REQUIRES 1 WEEKS NOTICE ON 01244288178

SCORE ACHIEVED 2.0

TOTAL SCORE ACHIEVED 4.0



**COLLAR DETAIL (C)  
(OR SIMILAR)**

**DPM TO DPC DETAIL**