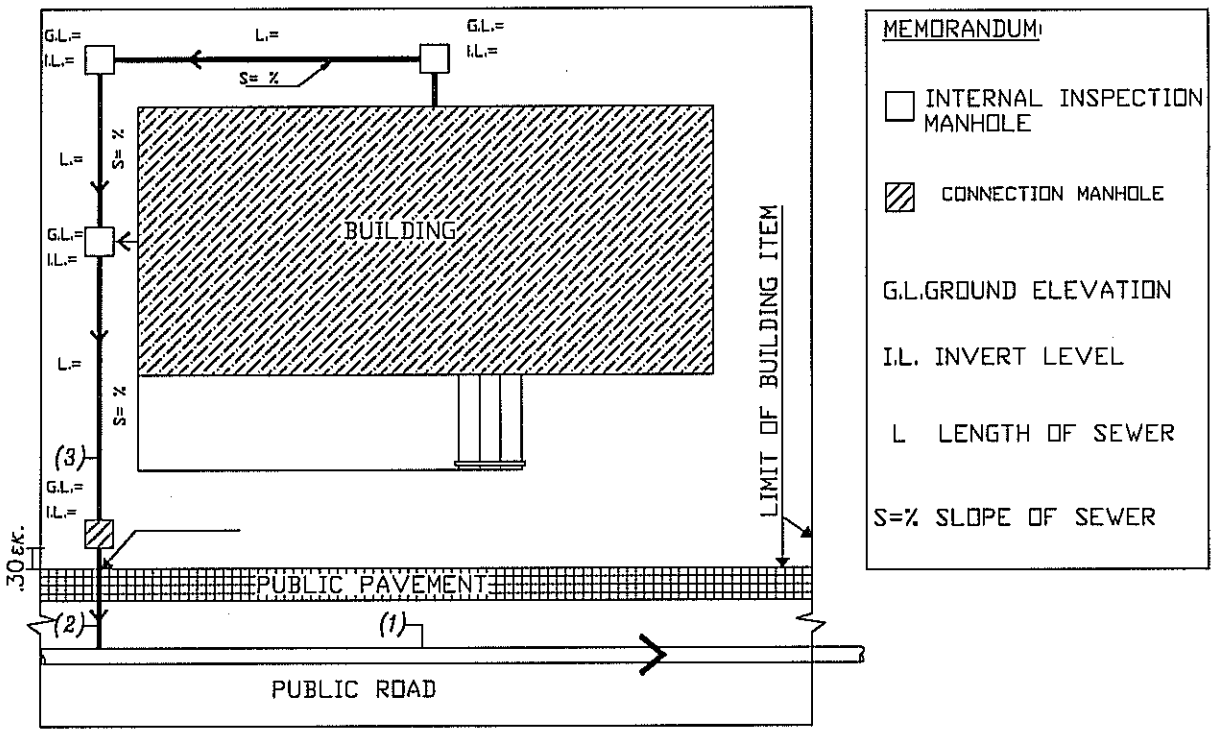
SPECIFICATIONS AND TECHNICAL INFORMATION FOR THE PRIVATE SEWER OF BUILDING

TYPICAL GROUND PLAN OF BUILDING & SEWERS



1. PUBLIC SBLA LATERAL SEWER

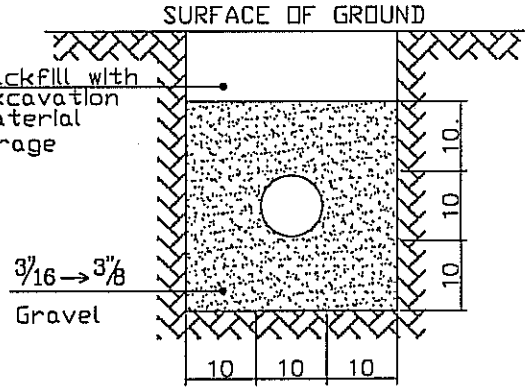
2. PUBLIC HOUSE CONNECTION SEWER OF BUILDING
It usually leads up to the street line of plot, to a depth of 1.30m under the surface of pavement. It should be excavated and located before by any other work begins. In the stage of the construction of P.H.C. a wooden peg 4x4 cm. is placed at the end of it for locallsation.

3. PRIVATE SEWER OF BUILDING (P.S.B.)

3,1 MATERIALS :
Pipe with minimum diameter 10 cm manufactured from plastic U.P.V.C thickness of 3,2 mm or other material approved from the Sewerage Board

3,2 Slope 2% (Minimum 1%)

3,3 The sewer pipeline should be placed in suitable sublayer 3/8" gravel



INSPECTION CHAMBERS:

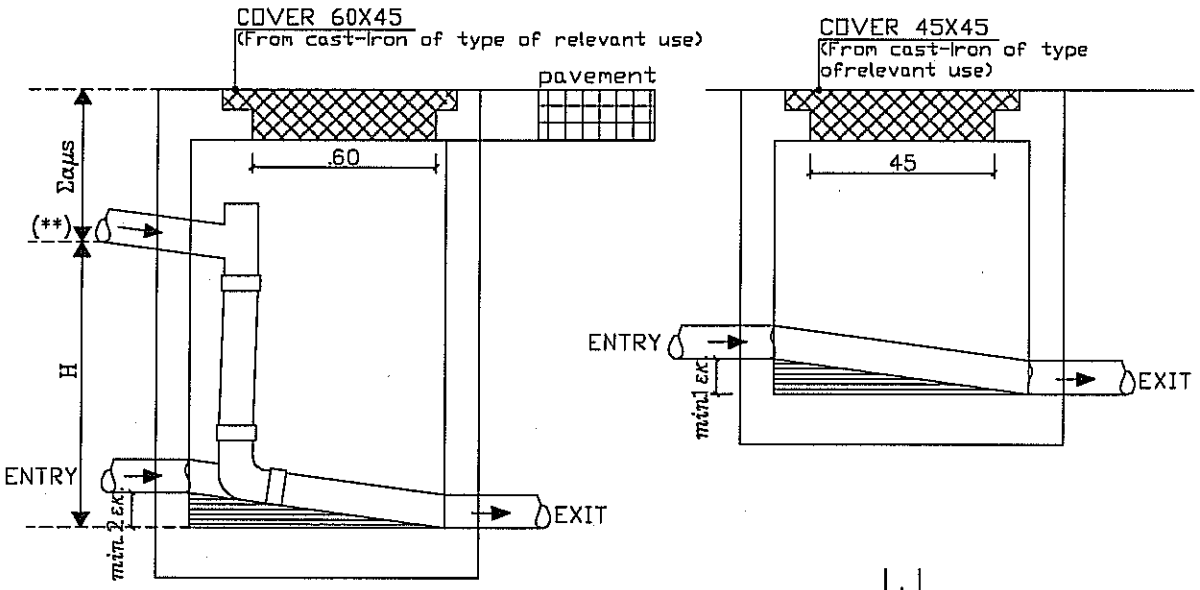
4,1 The inspection chambers are the internal manholes of inspection of the private house connection sewer and inspection chambers are required in each point where the direction of the sewer changes and provided that the change exceeds the 45°

4,2 Must be square or circular and they are manufactured from cast in situ or precast concrete, bricks or other materials approved by the Sewerage Board

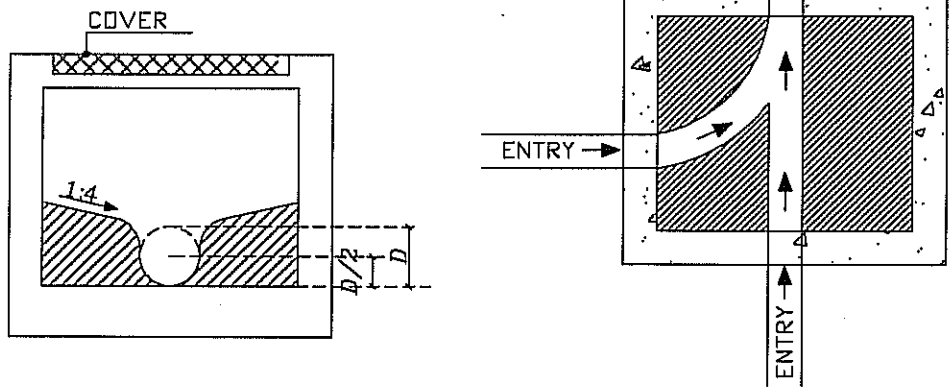
4,3 They should be watertight and must not allow ventilation.

4,4 Manhole covers must be cast-iron of clear opening according to table below. All covers should comply with CYS-EN124.

4,5 Details and dimensions of manholes should be according with the following drawings and table (A).



CONNECTION MANHOLE (det.A)



TYPICAL SECTION OF SEWER MANHOLE

Note.(**) In case where the distance H of P.H.C is bigger than 0,30m. (see detail A)
In the case of connection in depth greater than 1,30m the householder should apply in writing to the Technical department of the Board before the construction of the Private Sewer of the Building.

TABLE (A)

TYPE OF MANHOLE (CM.)	DEPTH TYPE OF MANHOLE(CM.)	MINIMUM DIMENSIONS (CM.)	MINIMUM THICKNESS OF WALL (CM.)	MINIMUM THICKNESS OF SLAB (CM.)	CLEAN OPENING OF COVER (CM.)
Square Circular	50 up to 90 50 up to 90	45X45 45 diameter	10 10	10 10	45 X 45 45 diameter
Square Circular	90 up to 150 90 up to 150	75 X 75 75 diameter	10 10	15 15	60 X 45 60 diameter

4.6 In the cases where the private sewer of building should pass through and under of a the building and leads to public sewer of building, instend of a manhole chamber the following alternative solution as it appears in the plans below may be used.