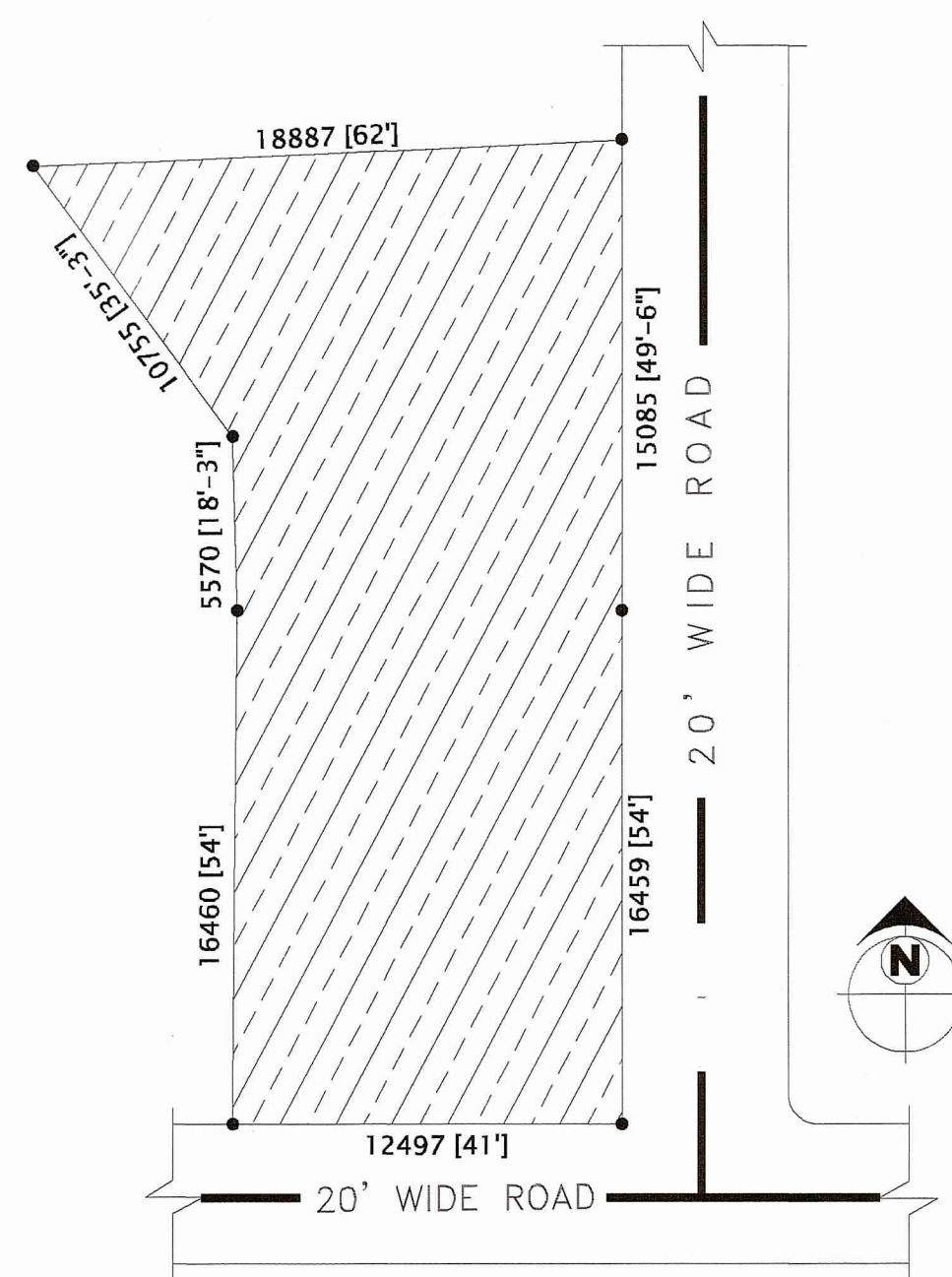


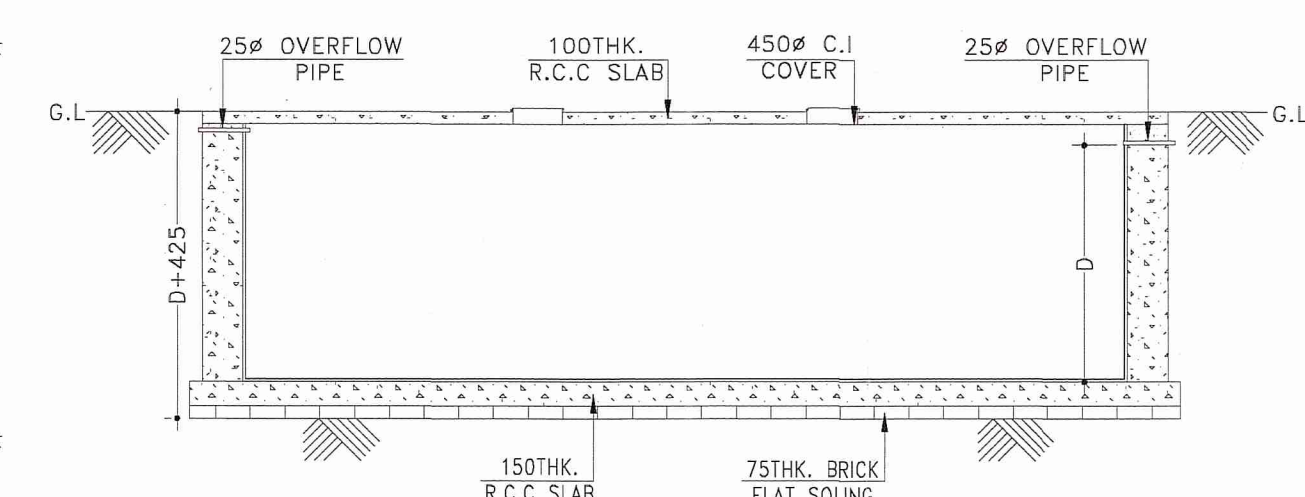


The diagram illustrates a cross-section of a roof drainage system. Rainwater enters from the left through a 150 mm diameter s.w. tee into a 150 mm diameter s.w. pipe. The pipe is supported by a 75 TH. P.C.C. and 75 TH. B.F.S. base. The liquid level is indicated by a horizontal line. The pipe then discharges into a 150 mm diameter R.C.C. pipe, which is supported by a 75 TH. P.C.C. and 75 TH. B.F.S. base. The R.C.C. pipe is shown with a 150 mm diameter. The roof structure includes a 100 TH. R.C.C. slab and a 50 DIA. VENTILATION PIPE TO ROOF LEV. The floor is made of 25 A.S. material with a slope of 1 in 10. The diagram also shows a 200x200 HOLE and a 246 mm dimension. The base of the structure is made of 75 TH. P.C.C. and 75 TH. B.F.S. material.

Diagram illustrating the cross-section of a 1500mm x 1500mm water tank with the following details:

- Dimensions:** Overall length is 1500mm and overall width is 1500mm. Internal length is 1200mm and internal width is 900mm.
- Structural Details:**
 - 50 DIA. VENTILATOR PIPE TO ROOF LEV. WITH CAGE OF MOSQUITO PROOF MESH.
 - 19 MM. CEMENT PLASTER (1:4) WITH NEAT CEMENT FINISH.
 - BUFFLE WALL.
 - 150 R.C.C. PIPE.
 - 150 G.I. PIPE WATER CONNECTION.
 - PERFORATED TRAY.
 - P-TRAP (250x250).
 - 500 DIA MANHOLE COVER.
 - RUNG LADDER.
- Internal Features:**
 - 200x200 HOLE.
 - EQ (Equalization) points indicated by dashed lines.
 - 2L/3-125 (likely a vent or pipe specification).
 - L/3 (likely a vent or pipe specification).
 - B+500 (likely a height or level specification).
- Flow Indicators:** IN (Inlet) and OUT (Outlet) arrows are shown.

① DETAILS OF SEPTIC TANK
SCALE: N.T.S.



SECTION OF UNDER GROUND RESERVOIR

SIGNATURE OF STRUCTURAL ENGINEER:-

