

SEPTIC TANK CALCULATION :- TOTAL NO. OF FLAT = 23 nos. EACH FLAT HAVING 6 PERSON SO NO OF PERSON = $23 \times 5 = 115$ PERSON PER PERSON REQUIRED 130 Ltrs. PER DAY SEPTIC TANK REQUIRED TO STORE REQUIRED CAPACITY OF SEPTIC TANK = $115 \times 0.085 = 9.77$ CUM. PROVIDED SEPTIC TANK 1 NOS SIZE = $4.50 \times 2.00 \times 1.37 = 12.33$ CUM. WATER TANK CALCULATION :- TOTAL NO. OF FLAT = 23 nos. EACH FLAT HAVING 6 PERSON SO NO OF PERSON = $23 \times 5 = 115$ PERSON PER PERSON NEED 130 Ltrs. PER DAY TOTAL WATER TANK REQUIRED = $115 \times 135 = 15325$ Ltrs. = 15.32 CUM. & EXTRA TAKE FOR FIRE FIGHTING = 10,000 Ltrs. TOTAL WATER TANK REQUIRED = $15.525 + 10,000$ = 25,525.00 ltrs PROVIDED WATER TANK 02 NOS SIZE (01) = $6.33 \times 2.55 \times 1.221 + 0.30$ F.B. = 19.69 CUM. (02) = $6.55 \times 2.55 \times 1.221 + 0.30$ F.B. = 17.26 CUM. TOTAL WATER TANK PROVIDED = $19.69 + 17.26$ = 36.950 Ltrs	GREEN AREA CALCULATION :- TOTAL NET PLOT AREA = 1027.46 sqm. GREEN AREA REQUIRED @10% OF TOTAL PLOT AREA = 102.74 sqm.
--	---

[illegible]

Technical drawing of a septic tank system, showing a plan view and a cross-section.

PLAN OF SEPTIC TANK

The plan view shows a rectangular tank with overall dimensions of 2.83m by 3.00m. A 0.15m diameter pipe is shown entering the tank. A 0.60m x 0.23m area is indicated. The drawing is labeled "PLAN OF SEPTIC TANK".

SECTION ON Z-Z

The cross-section shows the internal structure of the tank, including a 0.15m diameter pipe, a 0.60m x 0.23m area, and a 0.13m x 0.15m area. The drawing is labeled "SECTION ON Z-Z".

[illegible]