



Figure 1: Cross-section of the roof structure. The diagram shows a vertical cross-section of a roof assembly. From top to bottom, the layers are: Gypsum Wall, C.C. Roof Slab, C.C. Lintel, Brick Work in C.M., C.C. Flooring, and Sand Filling. Dimensions are indicated on the left: 1.22m for the total height, 0.13m for the Gypsum Wall, 0.94m for the C.C. Lintel, and 0.91m for the C.C. Flooring. A horizontal dimension of 2.90m is shown for the width of the roof slab and lintel.

The drawings illustrate the design of a septic tank system. The top plan view shows the layout of the solar water heating system, solar panel, and the rectangular septic tank with dimensions 8.86m by 0.65m. The section view shows the vertical structure including the R.C.C. wall, P.C.C. sand filling, and R.C.C. footing, with a total height of 1980mm. Reinforcement details like main reinforcement, binders, and a plinth beam are also shown.

PLAN OF SEPTIC TANK
SCALE 1" = 2'-0"

SECTION ON D-D

TYPICAL SECTION OF R.C.C COLUMN FOUNDATION
SCALE: 1" = 2'-0"

