

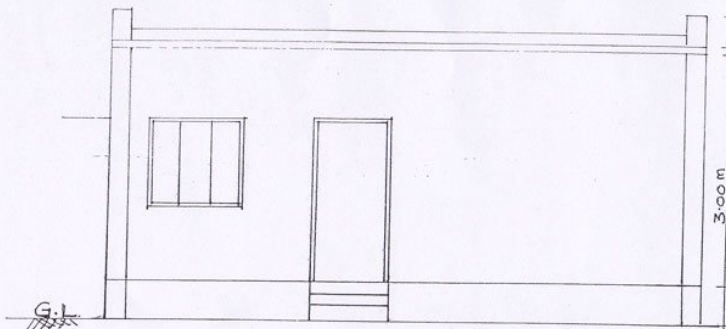
Report to accompany the estimate for the work of  
Construction of Store room and watchman room in the campus of Arulmigu Manthiragiri  
Velayuthaswamy Thirukoil, Sulur Taluk, Tiruppur District

Est. Rs 420000/=

Arulmigu Manthiragiri Velayuthaswamy Thirukoil is one of the famous Thirukoil in this surrounding area. This Thirukoil is at Thencherimalai which located at a distance of 4 km from Chenjeri pirivu bus stop in the POLLACHI - PALLADAM Main road at a distance of 20 km from Pollachi, and at a distance of 18 km from Palladam. During Kiruthikai, Shasti, fullmoon day, hundreds of devotees will gather and worship the GOD. Kandar Shasti is one of the famous thiruvizha in this temple and during this function thousands of devotees will gather and worship the GOD.

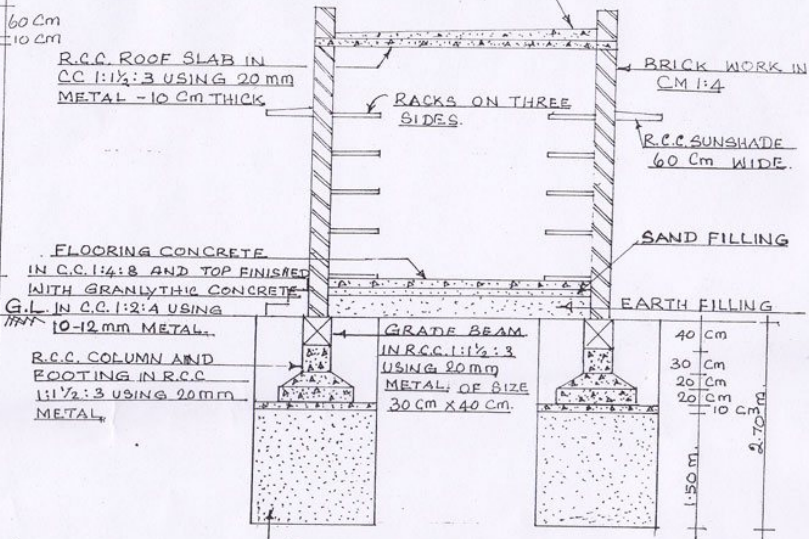
IN this Thirukoil there is no proper room facilities to store some statues, kuthuvilakku, temple used vessels and Madappalli used materials Hence the Temple Administration decided to construct a Store room and also a room to watchman. For this purpose a plan has been prepared giving a provision to watchman room and Store room. This building will be constructed on the North side of the existing Madappalli and also at entrance point of this temple on the top of the hill.

The place selected for this construction is heavy sloped rock portion. The Temple outer compound wall on the East side was constructed on the original rock as foundation at a depth of 18' 6" from the proposed floor level of the proposed Store room building. Hence the foundation for this building will be of column footing and grade beams. During construction of compound, wall this area was filled with earth and the top levelled. Now the foundation depth proposed is 9' 0" in the existing made up soil. Size of column footing will be 1.50mx1.50m and depth will be 2.70m. Bottom depth of 2.00 m will be filled with sand gravel mix in the ratio 1:3 (one sand and three gravel) and thoroughly mixed and filled in the foundation of column footing in a layers of not exceeding 15 cm thick and well rammed using IRON ramers. Over this bed PCC 1:4:8 using 40mm metal will be laid to a thickness of 10 cm. Then column footing will of 90cmx90cm size. RCC Column size will be 30cmx30cm and raised upto grade beam level in CC 1: 1 1/2 : 3 using 20mm metal. The super structure will be in brick work in CM 1:4. The roof slab will be in RCC 1:1 1/2: 3 USING 20mm metal 10 cm thick. The top roof will be finished with one course of machine pressed tiles over weathering course concrete using 20mm brick jelly and lime in the ratio of 32:12.5 to an average thickness of 10 cm. Steel doors, windows and ventilaters will be provided and painting two caots over one coat of primer using best quality syntetic enamel has also been provided. The walls will be plastered in cm 1:5 -12mm thick and painted with two coats of plastic emulsion paint over one coat of primer. In the store room sufficient racks has also been provided. The flooring will be in granolythick floor in CC1:2:4 using 10 -12 mm metal.

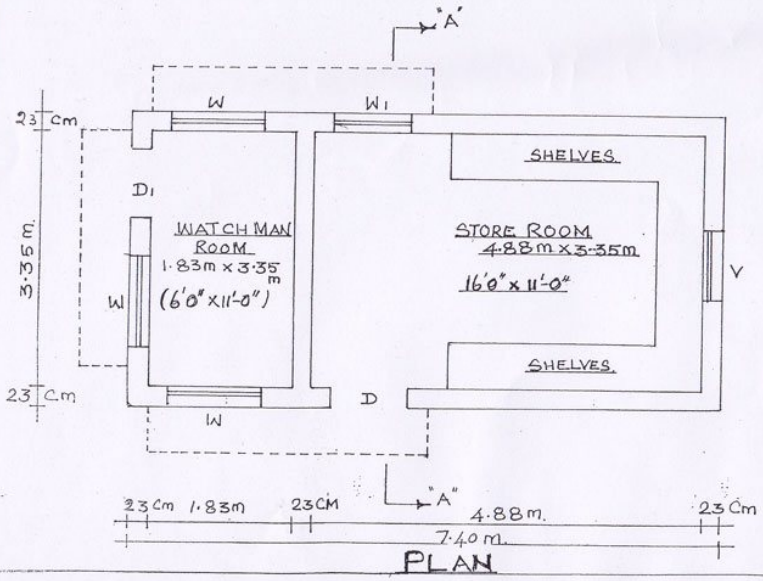


FRONT ELEVATION

ROOF TOP FINISHED WITH PRESSED TILES ONE COURSE OVER WHETHERING COURSE IN BRICK JELLY LIME CONCRETE



SECTION ON "AA"



PLAN

R.C.C. ROOF SLAB IN C.C. 1:1½:3 USING 20mm METAL - 10 CM THICK

BRICK WORK IN CM 1:4

RACKS ON THREE SIDES

R.C.C. SUNSHADE 60 CM WIDE

SAND FILLING

FLOORING CONCRETE IN C.C. 1:4:8 AND TOP FINISHED WITH GRANULYTHIC CONCRETE G.L. IN C.C. 1:2:4 USING 10-12 mm METAL.

EARTH FILLING

R.C.C. COLUMN AND FOOTING IN R.C.C. 1:1½:3 USING 20mm METAL

GRADE BEAM IN R.C.C. 1:1½:3 USING 20mm METAL OF SIZE 30 CM X 40 CM.

FOUNDATION WITH SAND GRAVEL MIX IN THE RATIO 1:3 AND WELL RAMPED AND CONSOLIDATED TO A THICKNESS OF 1.50 M. IN TOTAL DEPTH OF 2.70 M.

JOINERIES

- D = DOOR STEEL 1.00m x 2.13m.
- Di = STEEL DOOR 0.90m x 2.13m.
- W = STEEL WINDOW 1.20m x 1.30m.
- Wi = STEEL WINDOW 1.00m x 1.30m.
- V = GLAZED STEEL WINDOW.
- VENTILATOR, N-TYPE 0.90m x 0.60m.

PLAN FOR THE CONSTRUCTION OF STORE ROOM AND WATCHMAN ROOM IN THE CAMPUS OF ARULMIGU MANTHRAGIRI VELAYUTHASWAMY THIRUKOIL THENCHERIMALAI SOLOR TALUK TIRUPPUR DISTRICT.

SCALE 1 CM = 50 CM.