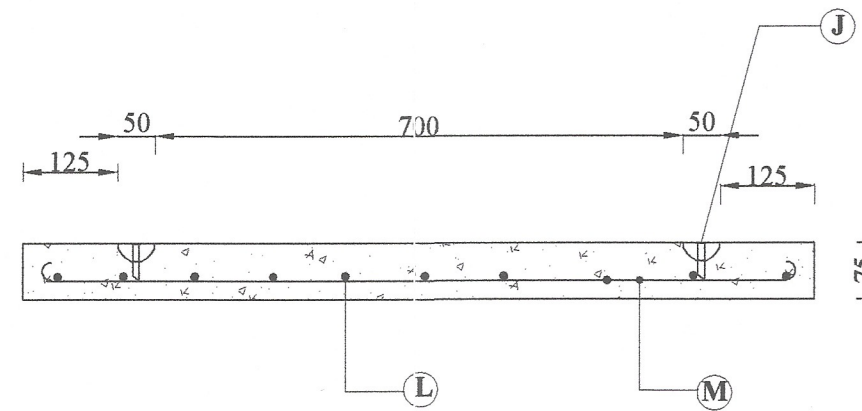
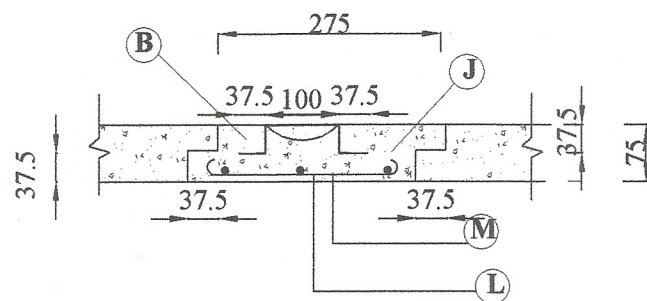


cover slab detail



section D-D



section C-C

NOTE:

- 1) THICKNESS OF THE WALL TO BE 133 1/2" IF TOTAL DEPTH BELOW GROUND LEVEL IS GREATER THAN 8'-0"
- 2) FOUNDATION TO BE 6" THICK CT. CON. 1:2:4 (3") R/F WITH 10mm DIA. BARS AT 9" C/C BOTHWAYS
- 3) INTERNAL FACE OF TANK TO BE RENDERED SMOOTH IN CT. MORTAR 1:2 1/2" THICK WITH 5% PUDLO
- 4) SEPTIC TANK TO BE FILLED WITH WATER UP TO TWL BEFORE BEING PUT INTO USE
- 5) FOR INLET & OUTLET CHAMBERS REFER DWG. NO WSS 511.00

- A) S.W INLET PIPE PROVIDED WITH S.W.T OR 1 1/4" THICK MILLA OR TEAK AS AN ALTERNATIVE
- B) 3" THICK CT. CON 1:2:4 (3") REINFORCED PRE-CAST COVER SLABS JOINTS TO BE FILLED WITH BITUMAN AND SAND
- C) CT. CON. PAD 1:2:4 (3")
- D) EFFLUENT
- E) 9" THICK BRICK WORK IN CT MOTAR 1:5
- F) 3/4" THICK CEMENT PLASTERING 1:2
- G) 6" THICK BASE SLAB 1:2:4 (3") NO SLOPE TO BE PROVIDED
- H) 10mm DIA. BARS AT 9" C/C. BOTHWAYS
- J) 2 NOS SLAB ABOVE INLET & OUTLET TO BE WITH 3/8" DIA. M.S LIFTING HANDLES PER DETAIL ALL OTHER WITHOUT LIFTING HANDLES
- K) S.W. OUTLET PIPE
- L) 1/4" 6mm DIA. BARS AT 225mm C/C
- M) 3 NOS 10mm DIA TOR STEEL
- N) 75mm THICK SCREED CONCRETE WITH 1:3:6

DIMENSION OF SEPTIC TANKS				
PERSONS	L ₁ +L ₂	L ₁	L ₂	L ₃
30	7'-0"	4'-6"	2'-6"	3'-0"
40	8'-0"	5'-0"	3'-0"	-do-
50	9'-0"	5'-6"	3'-6"	-do-
60	10'-0"	6'-0"	4'-0"	-do-
70	10'-0"	6'-6"	3'-6"	3'-6"
80	11'-0"	7'-0"	4'-0"	-do-
90	12'-0"	7'-6"	4'-6"	-do-
100	13'-0"	8'-6"	4'-6"	-do-

DIMENSIONS OF SEPTIC TANKS			
PERSONS	L ₁	L ₂	d
10	6'-6"	2'-6"	4'-6"
15	7'-0"	do	do
20	7'-6"	do	do
25	8'-0"	do	do

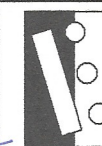
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TYPE PLAN OF SEPTIC TANK FOR 25 PERSONS & 30-100 PERSONS

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Sheet No	: 03	Checked By	: (S. P. Wehitasinghe)
Drawing No	: SPES/rate23/BK17	D.O.A.	: (G.N.C. Ekamayake)
Scale	: 1-20	Engineer Asistant	: (H.K.S. Premathilaka)
Date	: 2023-06-08	Design Engineer	: (Eng. N.M.S. Munsinghe)
Drawn By	: indika	Director (Engineer)	: (Eng. C.B. Abeyweera)

DETAILED DRAWING
(RATE ANALYSIS)



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