



**E. T. THANASINGH RAJAN, B.E., M.Tech.**  
 Structural Engineer,  
 CMDA, Reg. No. SE/GR-III/19/05/071  
 Plot No. 19/1, 1st Cross Street,  
 Thiikkar Avenue, Madipakkam, Chennai-91.

**NOTES :**  
 1. (a) Grade of concrete : M 20  
 (b) Grade of steel : Fe 415  
 2. Clear Cover for  
 (a) Beam : 25 mm  
 (b) Slab : 20 mm  
 3. Lap Length : 50 times dia of bar

**STRUCTURAL CONSULTANT**

**E. T. THANASINGH RAJAN, B.E., M.Tech., MIE., FIV., C.Eng**  
 Plot No. 19/1, 1st Cross Street, Thiikkar Avenue,  
 Madipakkam, Chennai-91.  
 Cell : 9600518025 / 9444164850  
 Mail : thanasinghrajana@yahoo.co.in

**CLIENT : CONSTRUCTION OF STAIRCASE IN  
 VTC HOSTEL BLOCK IN CIPET  
 CAMPUS IN , Chennai.**

**BEAM DETAILS**

DATE: 22.3.21	SIZE: A4, Landscape	SCALE: N.T.S
DRAWN BY:	APPROVED BY:	
PROJECT NO:	DRAWING NO:	SHEET NO: <b>03</b>