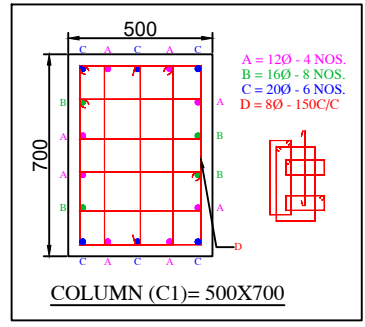


# FOOTING LAYOUT

## SCHEDULE OF FOOTINGS

SR. NO. FOOTING	FOOTING [ M 25 ]		
	PAD FOOTING SIZE	TOP REINFORCEMENT BOTHWAYS	BOTTOM REINFORCEMENT BOTHWAYS
F1	2200 X 2600	10 Ø @ 200 C/C BOTHWAYS	10 Ø @ 125C/C BOTHWAYS



### GENERAL NOTES:

- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRG. AND ANY DISCREPANCY SHALL BE BROUGHT TO NOTICE BEFORE START OF WORK.
- ANY DRG. SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- THIS SET OF DRAWINGS IS THE PROPERTY OF **VISHVAKARMA CONSULTANCY SERVICES PVT.LTD.** NOT TO BE USED OR COPIED WITHOUT HIS PRIOR PERMISSION.
- THE CLIENT WILL BE FULLY RESPONSIBLE FOR CONSTRUCTION, SUPERVISION AND SHALL ENGAGE A FULL TIME TECHNICALLY QUALIFIED ENGINEER ON SITE.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL TEMPORARY WORKS INCLUDING PLANKING AND STRUTTING OF TRENCHES AND PLANKING AND SHORING OF WALLS AND
- BUILDINGS ADJACENT TO ANY EXCAVATIONS.
- STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR QUALITY & QUANTITY OF MATERIAL MISUNDERSTANDING OF DRAWINGS ,CURING, SCAFFOLDING, WELDING, FABRICATION AND QUALITY AND SUPERVISION OF WORK.

### R.C.C NOTES

- ALL CONCRETE SHALL BE OF **M25 GRADE** CONFORMING TO I.S 456 WITH AGGREGATE OF MAXIMUM 20mm.
- # DENOTES HYSD BAR Fe 500 GRADE CONFORMING TO IS 1786.
- REINFORCEMENT SHALL BE BENT AND FIXED IN ACCORDANCE WITH PROCEDURE SPECIFIED IN IS 2502.
- LAP LENGTH SHALL BE 50 TIMES DIA. OF BAR.
- ALL CONC. TO BE MACHINED MIXED AND MACHINE VIBRATED.

- SHUTTERING REMOVAL SHALL BE DONE UP VERTICAL FACE OF COLUMN= **1 DAY**
- SLAB SPANNING UP TO 15' OR 4.5M = **7 DAY**
- SLAB SPANNING MORE THAN 15' OR 4.5M = **14 DAY**
- BEAM SPANNING UP TO 20' OR 6.0M = **14 DAY**
- BEAM SPANNING MORE THAN 20' OR 6.0M = **21 DAY**
- FOR SLAB PONDING METHOD, WRAP JUTE BAGS AROUND COLUMNS, AND WETTING 3 TIMES A DAY FOR BRICK WALLS.
- NO CONSTRUCTION OR STORAGE OF MATERIAL SHALL BE DONE ON R.C.C ELEMENT FOR 28 DAYS FROM DATE OF CASTING.
- ALL 230 TH. BRICK WORK SHALL BE DONE IN 1:6 CEMENT MORTAR 115 TH. MASONRY SHALL BE DONE IN 1:4 CEMENT MORTAR.
- PROVIDE STANDARD CHAIR AT LEAST 1 FOR EACH 1 SQ. MT AREA IF NEED.
- STAGGERED LAPING OF 50% COLUMN BARS ALLOWED ONLY AT CENTER HALF MID STOREY HEIGHT.
- ALL FOOTING SHOULD BE AT SAME LEVEL.
- USE GOOD YELLOW SOIL AND SAND FOR BACK FILLING.
- CLEAR COVER TO MAIN REINFORCEMENTS SHALL BE AS FOLLOWS:  
50 MM FOR FOUNDATION (2 INCH)  
40 MM FOR COLUMNS (1.5 INCH)  
20 MM FOR BEAMS & 15 MM FOR LINTELS & CHAJJA(1 INCH)  
45 MM FOR WATER RETAINING ELEMENTS (0.5 INCH)

### IMPORTANT NOTES:-

- ALL CONCRETE - **M25**
- ALL STEEL - TMT BARS ( Fe:500)
- S.B.C - 19.4T/M2 AT 2M DEPTH

### Basic development length.

DIA	DEVELOPMENT LENGTH
10 mm	570 mm
12 mm	684 mm
16 mm	912 mm
20 mm	1140 mm
25 mm	1425 mm
32 mm	1824 mm

**BID DRAWING -- NOT FOR CONSTRUCTION WORK**

REV	DESCRIPTION	DATE

**PROJECT DETAIL:**  
OPEN STORAGE SHED - 2  
**LOCATION:**  
MANGROL, SURAT

**VISHVAKARMA CONSULTANCY SERVICES PVT.LTD.**  
PROJECT CONSULTANTS & CHARTERED ENGINEERS

"ADITI", A/5, TILAK PARK, OPP. SANGAM SOC HARNI ROAD, VADODARA - 390022  
PHONE : 0265 - 2461029, 2481167

E MAIL- ID- project.vcspl@gmail.com

**DRAWING TITLE:**  
DETAILS OF FOOTING LAYOUT OF OPEN SHED -2

DRAWING NO ST-01	DESIGN B.P.	DRAWN B.P.	CHECK. V.V.P
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REVIS. 00	SHEET 1 OF 1.	SCALE: 1:1	SIZE: A2
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STR-VCS-26-D1-R0      DATE:  
23-02-2026