



FOOTING LAYOUT
(SCALE - 1:100)

| | |
|---------|-------------|
| VILLAGE | DEVARAHATTI |
| TAL | DAVANGERE |
| DIST | DAVANGERE |

FOR ORIENTATION OF FOOTING AND COLUMN REFER PLAN

- NOTES:
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS.
 - THE NET SBC CONSIDERED FOR DESIGN AT THE FOUNDATION LEVEL IS **16T/SQM.**
 - GRADE OF CONCRETE SHALL BE **M25** WITH 20MM DOWN GRADED COARSE AGGREGATE FOR FOUNDATION AND OTHER STRUCTURES.
 - ANY LOOSE SOIL ENCOUNTERED AT THE FOUNDATION LEVEL SHALL BE REMOVED AND REPLACED WITH PCC 1:3:6.
 - FOUNDATION LEVEL SUGGESTED IS **-2.0 M**
 - IF HARD STRATA IS NOT MET AT THE FOUNDATION LEVEL THE SAME SHALL BE INFORMED TO THE DESIGN OFFICE FOR SUITABLE MODIFICATION.
 - CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:-
 - 50mm ON ALL SIDES FOR FOOTING
 - 40mm FOR COLUMNS.
 - REINFORCEMENT USED SHALL BE OF THE GRADE OF Fe 550
 - LAP LENGTH TO BE PROVIDED SHALL BE 50 DIA OF BAR.
 - FOUNDATION IS DESIGNED FOR **G+3 FLOORS**
 - (T)-TOP REINFORCEMENT.
 - (B)-BOTTOM REINFORCEMENT.

| NO | REVISION | DRAWN | DATE |
|----|----------|-------|------|
|----|----------|-------|------|

DO NOT SCALE



AMINBHAVI & HEGDE
Consulting Engineers Private Limited
(An ISO 9001: 2015 Organisation)
3rd FLOOR, MADHAV SQUARE, STATION ROAD,
D H A R W A D -580007

OFFICE OF ORIGIN
DHARWAD

DATE
09-02-2026

DRAWN
ROOPA

| | | |
|--------|----------------------------------|----------------------------|
| CLIENT | RAJIV GANDHI HOUSING CORPORATION | PRE - CHECKED CHIDANAND |
|--------|----------------------------------|----------------------------|

| | | |
|---------|---|----------------------------|
| PROJECT | CONSTRUCTION OF MOULANA AZAD MODEL SCHOOL AT DEVARAHATTI | FINAL CHECKED SUDARSHAN |
|---------|---|----------------------------|

| | | |
|-------|----------------|-----------------|
| TITLE | FOOTING LAYOUT | APPROVED GRH |
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|---------------------------------|-----|-------------------|
| DRG NO: AH/RGHCL/MAMS/AB/FDN/02 | R-0 | SCALE AS NOTED |
|---------------------------------|-----|-------------------|

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| COMBINED FOOTING DETAILS: | | | | | | | | | | SCHEDULE OF FOOTINGS FOR SBC OF SOIL 160 KN/m² | | | | | | | |
|---------------------------|-----------------------|------|--------------------|------|-----|----------------------|-------------|-------------------|-------------|--|-----------------------|------|--------------------|------|-----|---------------|-------------|
| | | | | | | | | | | ISOLATED FOOTING DETAILS: | | | | | | | |
| | EXCAVATION SIZE IN mm | | FOOTING SIZE IN mm | | | REINFORCEMENT-BOTTOM | | REINFORCEMENT-TOP | | | EXCAVATION SIZE IN mm | | FOOTING SIZE IN mm | | | REINFORCEMENT | |
| CODE | L' | B' | L | B | D | 'a' BARS | 'b' BARS | 'c' BARS | 'd' BARS | CODE | L' | B' | L | B | D | 'a' BARS | 'b' BARS |
| CF1 | 5000 | 3000 | 4800 | 2800 | 850 | Φ 16@125C/C | Φ 16@125C/C | Φ 10@125C/C | Φ 10@125C/C | F1 | 3100 | 2900 | 3000 | 2600 | 600 | Φ 16@150C/C | Φ 16@150C/C |
| CF2 | REFER PLAN | | | | 800 | Φ 16@125C/C | Φ 16@125C/C | Φ 10@125C/C | Φ 10@125C/C | F2 | 2900 | 2700 | 2700 | 2500 | 600 | Φ 12@125C/C | Φ 12@125C/C |
| CF3 | 5000 | 2700 | 4800 | 2500 | 750 | Φ 16@150C/C | Φ 16@150C/C | Φ 10@150C/C | Φ 10@150C/C | F3 | 2900 | 2500 | 2700 | 2300 | 600 | Φ 12@125C/C | Φ 12@125C/C |
| CF4 | 4800 | 2600 | 4600 | 2400 | 700 | Φ 16@175C/C | Φ 16@175C/C | Φ 10@175C/C | Φ 10@175C/C | F4 | 2700 | 2400 | 2500 | 2200 | 600 | Φ 12@125C/C | Φ 12@125C/C |
| CF5 | REFER PLAN | | | | 700 | Φ 16@150C/C | Φ 16@150C/C | Φ 10@150C/C | Φ 10@150C/C | F5 | 2500 | 2400 | 2300 | 2200 | 600 | Φ 12@150C/C | Φ 12@150C/C |
| CF6 | REFER PLAN | | | | 650 | Φ 12@150C/C | Φ 12@150C/C | Φ 10@150C/C | Φ 10@150C/C | F6 | 2300 | 2200 | 2100 | 2000 | 600 | Φ 12@175C/C | Φ 12@175C/C |
| CF7 | 3400 | 2700 | 3200 | 2500 | 650 | Φ 12@150C/C | Φ 12@150C/C | Φ 10@150C/C | Φ 10@150C/C | F7 | 1200 | 1200 | 1000 | 1000 | 600 | Φ 10@175C/C | Φ 10@175C/C |