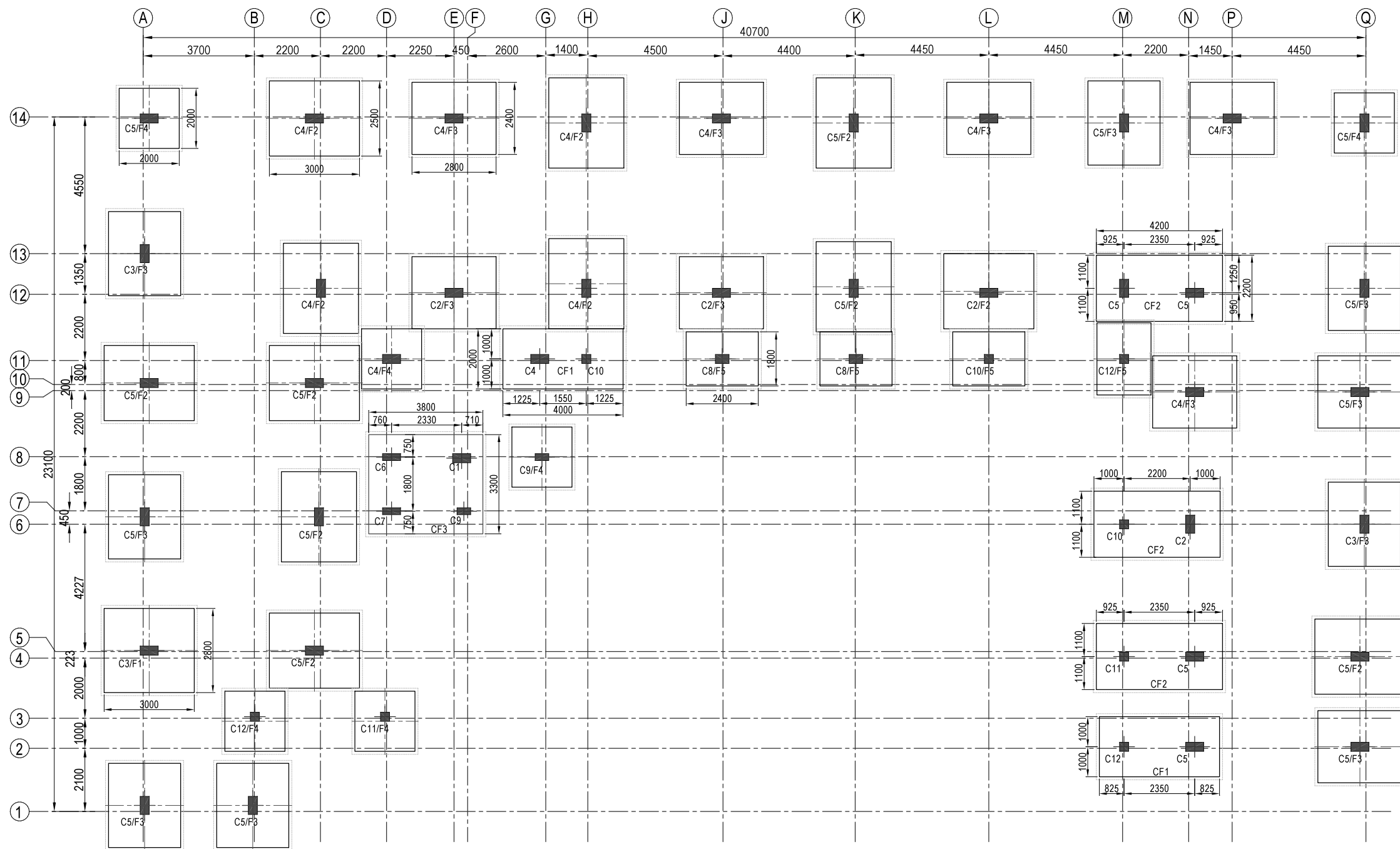


VILLAGE	JAGALUR
TAL	JAGALUR
DIST	DAVANAGERE
ACADEMIC BLOCK	



### FOOTING LAYOUT

(SCALE - 1:100)

COMBINED FOOTING DETAILS:									
CODE	EXCAVATION SIZE IN mm		FOOTING SIZE IN mm			REINFORCEMENT - BOTTOM		REINFORCEMENT - TOP	
	L'	B'	L	B	D	'a' BARS	'b' BARS	'c' BARS	'd' BARS
CF1	2200	4200	2000	4000	550	⌀ 16@150C/C	⌀ 16@150C/C	⌀ 12@150C/C	⌀ 12@150C/C
CF2	2400	4400	2200	4200	550	⌀ 16@150C/C	⌀ 16@150C/C	⌀ 12@150C/C	⌀ 12@150C/C
CF3	3500	4000	3300	3800	500	⌀ 16@150C/C	⌀ 16@150C/C	⌀ 12@150C/C	⌀ 12@150C/C

SCHEDULE OF FOOTINGS FOR SBC OF SOIL 180 KN/m²							
ISOLATED FOOTING DETAILS:							
CODE	EXCAVATION SIZE IN mm		FOOTING SIZE IN mm			REINFORCEMENT	
	L'	B'	L	B	D	'a' BARS	'b' BARS
F1	3000	3200	2800	3000	750	Φ 16@100C/C	Φ 16@100C/C
F2	2700	3200	2500	3000	650	Φ 16@150C/C	Φ 16@150C/C
F3	2600	3000	2400	2800	600	Φ 12@100C/C	Φ 12@100C/C
F4	2200	2200	2000	2000	550	Φ 12@150C/C	Φ 12@150C/C
F5	2000	2600	1800	2400	550	Φ 12@150C/C	Φ 12@150C/C

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 **18T/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
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DO NOT SCALE

 <p><b>AMINBHAVI &amp; HEGDE</b>          Consulting Engineers Private Limited          (An ISO 9001: 2015 Organisation)          3rd FLOOR, MADHAV SQUARE, STATION ROAD,          DHARWAD -580007</p>	OFFICE OF ORIGIN
	DHARWAD
	DATE 08-04-2026
	DRAWN BOOPA

CLIENT	PRE - CHECKED
RAJIV GANDHI HOUSING CORPORATION	
	GHOUS

PROJECT	FINAL CHECKED
CONSTRUCTION OF MOULANA AZAD MODEL SCHOOL AT JAGALUR TOWN	
	P L J

TITLE	FOOTING LAYOUT	APPROVED
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DRG NO: AH/RGHCL/MAMS/FDN/02	R-0	GRH
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