FOOTING SCHEDULE (M40:Fe500)-EUCALYPTIA

COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION			FOOTING REINFORCEMENT			
					BOTTOM		TOP	
		L	B	D	ALONG B	ALONG L	ALONG B	ALONG L
P66	Pad	2000	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P68	Pad	2000	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P69	Pad	2000	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P70	Pad	2000	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P65	Pad	2205	1600	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P67	Pad	2000	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P71	Pad	2700	2000	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P260	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P266	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P207	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P255	Pad	2400	1650	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P267	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P256	Pad	2200	1450	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P73	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P72	Pad	3585	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P74	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P259	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P250	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P204	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P208	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P258	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
EP23	Pad	5500	2500	2000	T25@175C/C	T25@175C/C	T10@200C/C	T10@200C/C
EP14	Pad	4200	2500	2000	T25@150C/C	T25@175C/C	T10@200C/C	T10@200C/C
P81	Pad	3070	1600	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P251	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P209	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P205	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P77	Pad	1910	1600	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P257	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P82	Pad	7200	3900	1225	T20@175C/C	T20@175C/C	T10@200C/C	T10@200C/C
P252	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P79	Pad	3000	2650	900	T20@200C/C	T20@200C/C	T10@200C/C	T10@200C/C
P261	Pad	1850	1400	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
P83	Pad	5700	5800	2000	T25@175C/C	T25@175C/C	T10@200C/C	T10@200C/C
P253	Pad	1750	1300	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P84	Pad	3160	1450	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P217	Pad	1800	1450	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P218	Pad	1850	1500	900	T20@225C/C	T20@225C/C	T10@200C/C	T10@200C/C
P220	Pad	1800	1450	900	T16@150C/C	T16@175C/C	T10@200C/C	T10@200C/C
P219	Pad	2000	1650	900	T20@150C/C	T20@150C/C	T10@200C/C	T10@200C/C
P85	Pad	2500	1750	925	T20@125C/C	T20@125C/C	T10@200C/C	T10@200C/C
P99	Pad	2100	1750	900	T25@200C/C	T20@125C/C	T10@200C/C	T10@200C/C

FOOTING SCHEDULE (M40:Fe500)-FENELIA

COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION			FOOTING REINFORCEMENT			
					BOTTOM		TOP	
		L	B	D	ALONG B	ALONG L	ALONG B	ALONG L
PC1	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
PC1A	Pad	1900	1500	900	T16@150C/C	T16@150C/C	T10@200C/C	T10@200C/C
PC2	Pad	1800	1250	900	T16@150 C/C	T16@150 C/C	T10@200 C/C	T10@200 C/C
FP2	Pad	8300	2600	2000	T25@150 C/C	T25@150 C/C	T10@200 C/C	T10@200 C/C
FP5	Pad	7800	2200	2000	T25@150 C/C	T25@150 C/C	T10@200 C/C	T10@200 C/C
PC4	Pad	2000	2000	900	T16@150 C/C	T16@150 C/C	T10@200 C/C	T10@200 C/C
P17	Pad	7500	2200	2000	T25@150 C/C	T25@150 C/C	T10@200 C/C	T10@200 C/C
PC14	Pad	1600	1250	900	T16@150 C/C	T16@150 C/C	T10@200 C/C	T10@200 C/C
PC11	Pad	1600	1250	900	T16@150 C/C	T16@150 C/C	T10@200 C/C	T10@200 C/C
FP41	Pad	4500	1500	2000	T25@150 C/C	T25@150 C/C	T10@200 C/C	T10@200 C/C

SIGNATURE OF ARCHITECT ON RECORD:-	SIGNATURE & STAMP OF JW CONSULTANTS LLP:-
	ACHYUT WATVE, B.E. F.I.E. Structural Engineer M.C.G.B. Reg.No.STR/W/10 **For & On behalf of** **JW Consultants LLP**
	DRAWING IS VALID FOR DESIGN ADEQUACY, PROVIDED IT IS SIGNED & STAMPED BY OUR OFFICE

NOTES:

1. Basic reference codes:
   IS456: 2000, IS1893(Part1): 2016, IS13920: 2016.
2. Due care shall be taken to ascertain that requisite strength of concrete is gained before commencement of deshuttering. It shall comply with provisions of Clause No. 11.3 of IS 456: 2000.
3. Nominal covers

		Mild	Moderate	Severe
I	Footings	50	50	50
II	Columns & walls >200mm width (to links of column)	40	40	45
III	Columns & walls with width of 200mm & below having reinf. of dia. 16mm & above. (to links of column)	40	40	45
IV	Columns & walls with width of 200mm & below having reinf. of dia. 12mm. (to links of column)	25	30	45
V	Slabs	20	30	45
VI	Beams (to stirrups of beam)	20	30	45
VII	Lift walls	40	40	45

   For main reinf. up to 12mm dia. bar for mild exposure the nominal cover may be reduced by 5mm for slabs & beams only.
4. Beams with depth more than 750mm, provide side-face reinforcement.
5. Substratum shall be approved from our office before laying P.C.C.
6. Minimum clear spacing between any two longitudinal bars in beam= 50mm.
7. All laps (Ld) shall be staggered & not more than 50% bars to be lapped at any given section.

GRADE OF REINF.	M20	M25	M30	M35	M40 & ABOVE
Fe415	48 X D	41 X D	38 X D	34 X D	30 X D
Fe500 (TMT)	57 X D	49 X D	46 X D	40 X D	36 X D

   For bundled bars, Ld shall be increased by 10% for 2 bars in contact, 20% for 3 bars in contact and 33% for 4 bars in contact.
8. All buildings shall have tie beams/plinth beams at ground/plinth level.
9. If footings overlap with each other, necessary revision shall be obtained from our office.
10. Design is valid for number of floors as indicated in the drawing.
11. At any level where column size gets reduced in either dimension tie beams/plinth beams are essential.
12. For cantilevers, top bars to be anchored behind from external face of support for - Ld or span of cantilever - whichever is greater.
13. Fire rating considered:- 2 Hour.

Use of this drawing for construction shall explicitly confirm acceptance of following conditions by Owner / Builder / Contractor

1. Our responsibility shall remain limited to safe and sound structural design as transmitted by this drawing.
2. This drawing shall not be used for any construction unless necessary statutory approvals are obtained by the Owner / Builder / Architect from the Regulating Authorities. JW CONSULTANTS LLP are indemnified of any legal consequences in case of unauthorised construction.
3. We shall not remain responsible for -
   a) Safety of old structure during demolition.
   b) Safety of any adjoining building /persons staying in adjoining building/persons and properties on adjoining roads.
   c) Safety of construction worker/any personnel at work site during construction
   d) Correctness/safety of any temporary structure, scaffolding, shuttering, centering erected at site and any injury to any personnel arising out of any accidents.
   e) Accidents occurring due to premature deshuttering, faulty / substandard construction material or workmanship / faulty construction procedure.
   f) Any accident occurring due to construction of elements of buildings not designed by us.
4. Supervision if specifically asked for will be provided to the extent of verification of reinforcement on site but responsibility regarding correct & sound construction shall solely rest with contractor/ builder / owner.
5. All structural concrete should be weigh batched, machine mixed and mechanically vibrated.
6. Any discrepancy between our drawing & Architects' drawing shall be brought to our notice before construction.
7. This drawing is property of JW CONSULTANTS LLP and shall not be reproduced or used without explicit permission of this office.

DRAWING TO BE VALIDATED BY ARCHITECT ON RECORD AFTER CHECKING COMPLIANCE WITH APPROVED PLANS FROM THE REGULATING LOCAL GOVERNMENT AUTHORITY.

NO.	REV. DATE	DESCRIPTION	NO.	REV. DATE	DESCRIPTION
R0	·	·	R5	·	·
R1	·	·	R6	·	·
R2	·	·	R7	·	·
R3	·	·	R8	·	·
R4	·	·	R9	·	·

ENVIRONMENTAL EXPOSURE CONDITION :-	MODERATE	GRADE OF CONCRETE :-	M40
DESIGN LIVE LOAD :- (UNLESS SPECIFIED)	-	GRADE OF STEEL :-	Fe 500 TMT
SUPERIMPOSED DEAD LOAD :-	-	S.B.C. :-	300 T/m²

CHECKED BY	DEALT BY	DRAWN BY	DRG. NO.	BLDG:	JOB NO.
N.R.P.	SHREYAS	PARAS	101060-111-2	EUCALYPTIA & FENELIA	10:1060

DEVELOPER:-	ASCENT CONSTRUCTION PVT.LTD. DIRECTOR SHRI. PRAVIN H. DOSHI & SHRI. MUNISH P. DOSHI
DESIGN ARCHITECT:-	MANDVIWALA QUTUB & ASSOCIATES
ARCHITECT ON RECORD:-	scapes architects
PROJECT:-	PROPOSED BUILDINGS ON LAND BEARING GUT.NO. 61/1/1,2,3,4, 61/2/1,2,3 VILLAGE CHITALSAR - MANPADA, TALUKA DIST. THANE.
TITLE:-	SCHEDULE FOR FOOTINGS

LLP IDENTITY NO.. AAA-2650
PARTNERSHIP WITH LIMITED LIABILITY

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