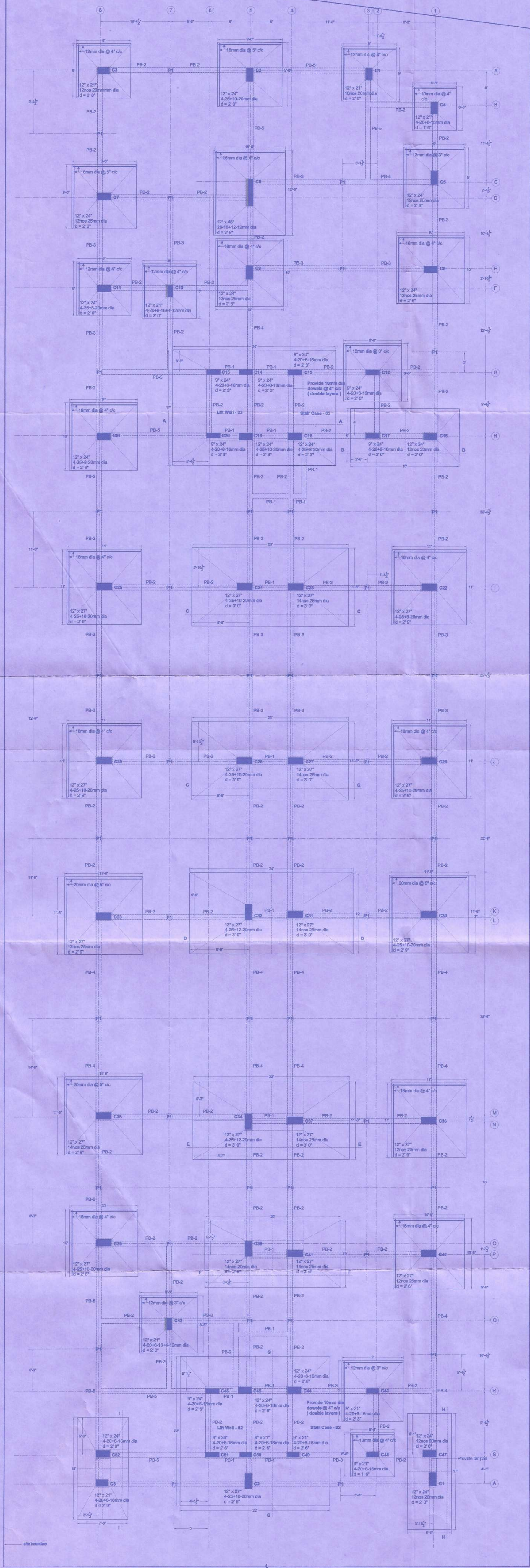
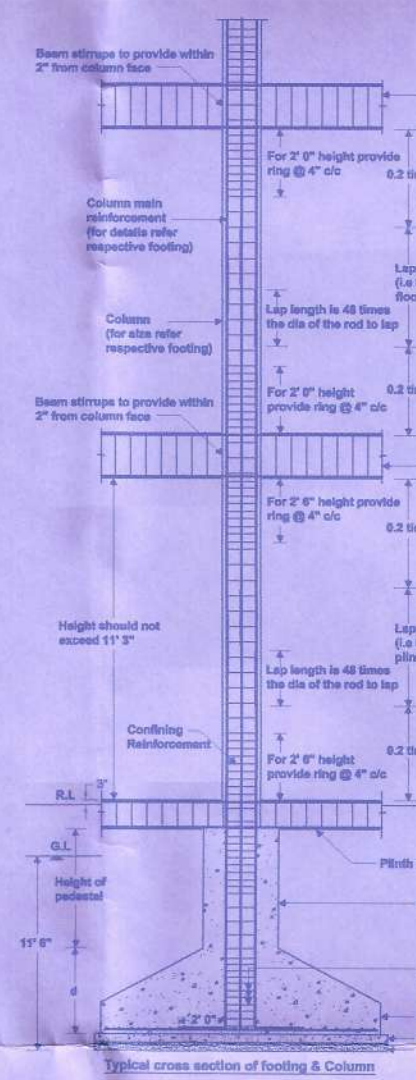




Column no.	Column Size	Pedestal Size	Slit Floor	First & Second floors	Third, Fourth & Fifth Floors	Maximum Spacing of Rings / Confining Rings
C32 & C34	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C23, C27, C31, C35, C37 & C41	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C34, C25, C26, C28, C29, C30 & C39	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C38	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C33, C36 & C40	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C22	2'3" x 1'0"	2'6" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C2	2'0" x 1'0"	2'3" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C5, C7, C8 & C9	2'0" x 1'0"	2'3" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C11, C18 & C21	2'0" x 1'0"	2'3" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C16 & C47	2'0" x 1'0"	2'3" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C44 & C52	2'0" x 1'0"	2'3" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C19	2'0" x 1'0"	2'0" x 1'0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C45	2'0" x 1'0"	2'0" x 1'0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C3	1'9" x 1'0"	2'0" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C1	1'9" x 1'0"	2'0" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C4	1'9" x 1'0"	2'0" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C12, C13 & C17	2'0" x 9"	2'3" x 1'0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C51	2'0" x 9"	2'0" x 9"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C14, C15, C20 & C46	2'0" x 9"	2'0" x 9"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C10 & C42	1'9" x 1'0" & 1'9" x 9"	2'0" x 1'3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C43, C48 & C49	1'9" x 9"	2'0" x 1'0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C50	1'9" x 9"	1'9" x 9"				



PE NO	Size	Top rods	Bottom rods	Stirrup spacing
PB-1	8" x 15"	3-12mm dia	3-12 mm dia	8mm dia @ 5" o/c
PB-2	8" x 15"	3 -12 mm dia	2-12+1-16 mm dia	8mm dia @ 5" o/c
PB-3	8" x 15"	2-12+1-16 mm dia	2-16+1-12 mm dia	8mm dia @ 5" o/c
PB-4	8" x 15"	2-16+1-12 mm dia	2-16+1-20 mm dia	8mm dia @ 4" o/c
PB-5	8" x 15"	2-16+1-20 mm dia	2-20+1-16 mm dia	8mm dia @ 4" o/c

Notes: - Foundation columns and are designed for seismic load of $\pm 1116 + 5$ five floors as per IS 1893(part 1)-2016 (wall least considered is for light weight bulb with unit weight not to exceed 0.8 kN/m^3)		
Cover & grade of concrete	Cover	Grade of concrete
Reinforcing	15 ϕ	M30
Plinth beam	15 ϕ	M30
Plinth beam	15 ϕ	M30

- Grade of steel to be used is Fe 550
- Lap length for column rebar is 48 times dia of the bar
- Depth of foundation and SBC considered as per Nigam Consultants (P) Ltd., Hyderabad (Ref: 2020/2747 dated 10.01.2020)
- Plinth beam bottom level is to be at $\pm 12'$ below the existing road level
- Foundation is done based on the details shown in drawing no. 23.01.2020
- Footing side shuttling should be done
- Use potable water for all construction activities including curing
- Good quality of material to be used
- Do not provide pedestal for columns C14, C15, C16, C20, C45, C46, C50 & C51

Project Title:

Proposed Residential Apartment Building Near UNIGRAM @ N.No: 2747/1 Ksr Road, Oysimachannahalli, Tambakere, Channarayana, Bengaluru - 560 230.

Drawing Title:

Foundation, Column and DM Beam Details - B - Block

Scale: N.T.S Date: 20.02.2020

Prepared: **Structural Consultants:**

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