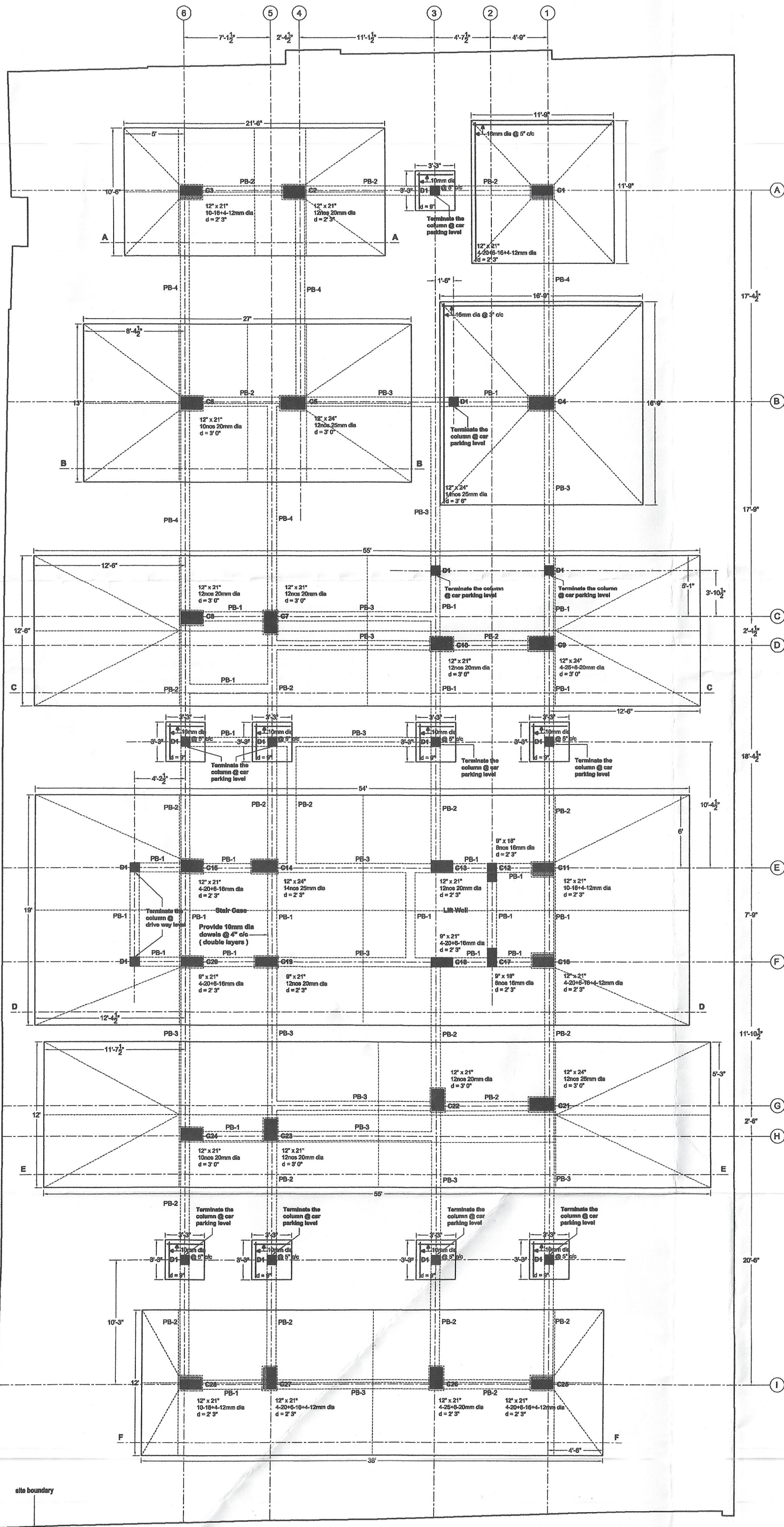
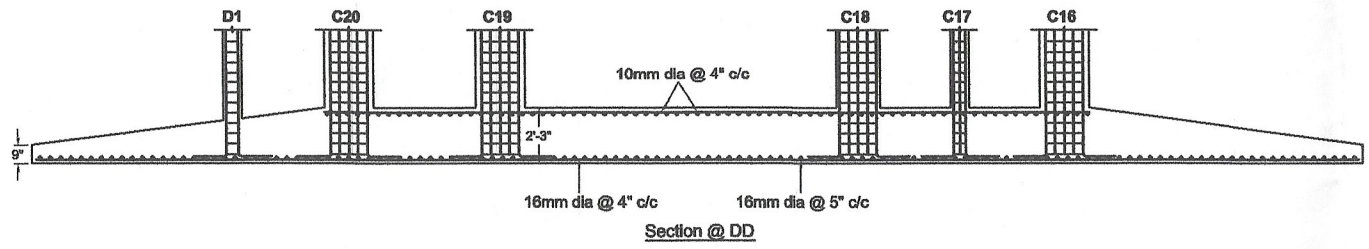
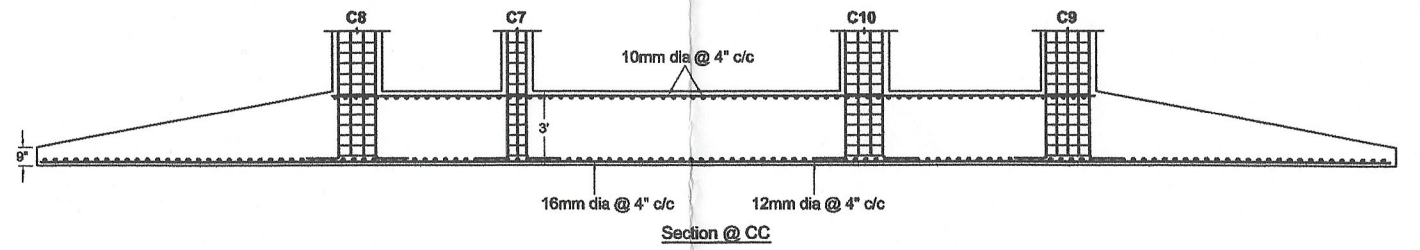
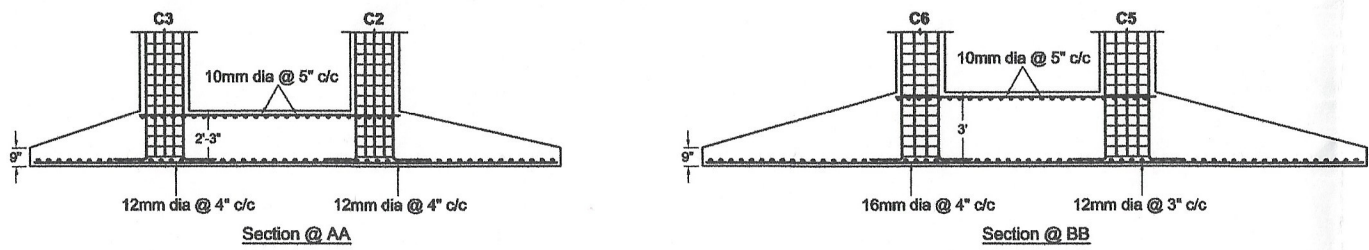
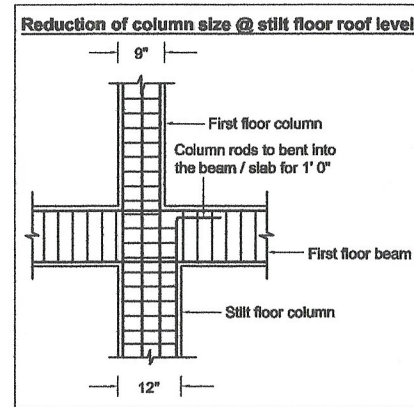


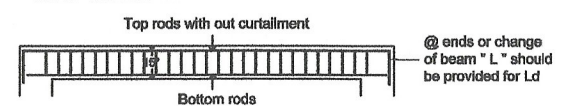


Orientation Of Column Rods Details

Column no.	Column Size	Pedestal Size	Stilt Floor	First & Second floors	Third, Fourth & Fifth Floors	Maximum Spacing of Rings / Confining Rings
C4 & C14	2' 0" x 1' 0"	2' 3" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C5 & C21	2' 0" x 1' 0"	2' 3" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C9	2' 0" x 1' 0"	2' 3" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C26	1' 9" x 1' 0"	2' 0" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C2, C7, C8, C10, C22 & C23	1' 9" x 1' 0"	2' 0" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C6 & C24	1' 9" x 1' 0"	2' 0" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C15	1' 9" x 1' 0"	2' 0" x 1' 3"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C13	1' 9" x 1' 0"	1' 9" x 1' 0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C1, C16, C25 & C27	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
C3, C11 & C28	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
C19	1' 9" x 9"	2' 0" x 1' 0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C20	1' 9" x 9"	2' 0" x 1' 0"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C18	1' 9" x 9"	1' 9" x 9"				6-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
C12 & C17	1' 6" x 9"	1' 6" x 9"				4-legged 8mm dia @ 6" c/c / 8mm dia @ 4" c/c
D1 (terminate the column @ car parking level)	9" x 9"	9" x 9"				2-legged 8mm dia @ 6" c/c

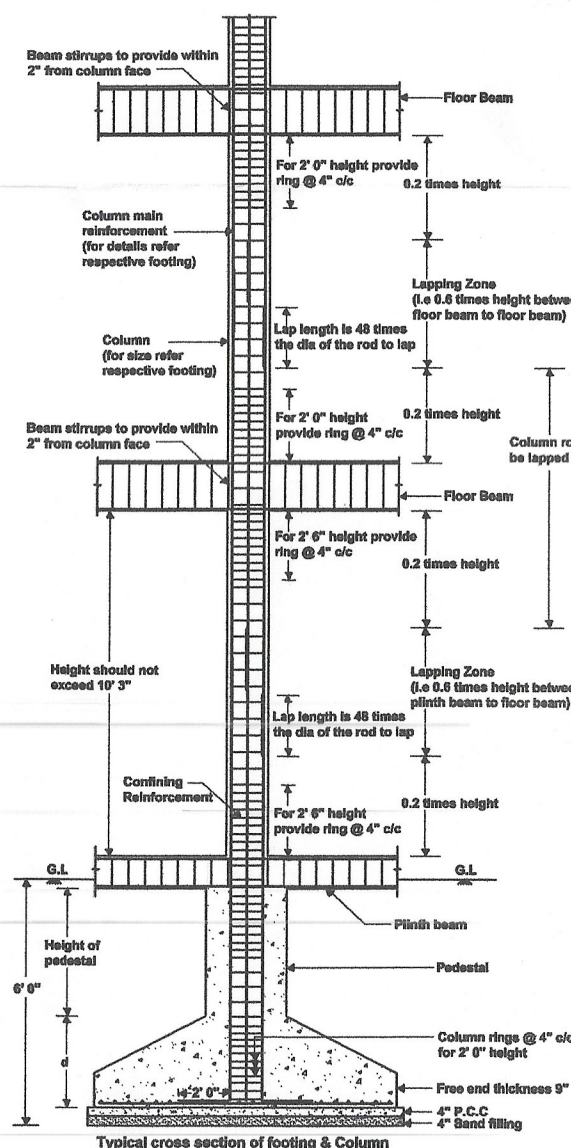


LS of Plinth Beam:



Plinth Beam Details: (beam bottom @ 3" below ground level)

PB NO	Size	Top rods	Bottom rods	Stirrups spacing
PB-1	9" x 15"	3-12mm dia	3-12mm dia	8mm dia @ 5" c/c
PB-2	9" x 15"	3-12mm dia	2-12+1-16mm dia	8mm dia @ 5" c/c
PB-3	9" x 15"	2-12+1-16mm dia	2-16+1-12mm dia	8mm dia @ 5" c/c
PB-4	9" x 15"	2-16+1-20mm dia	2-20+1-16mm dia	8mm dia @ 4" c/c



Notes:

- Foundation and column are designed for stilt + five floors in accordance with seismic zone - III as per IS 1893 (Part-1): 2016
- Cover & grade of concrete
Cover: 2" (Column), 1 1/2" (Plinth beam)
Grade of concrete: M25 (Column), M25 (Plinth beam)
- Grade of steel to be used is Fe 500
- Lap length for column rods is 48 times dia of the bar
- Depth of foundation and SBC considered are as per Nagadi Consultants (P) Ltd., soil report no: G(C)10033 dated
- Plinth beam bottom level is to be @ 3" below existing ground level
- Designing is done based on the details shown in drawing dated 01.04.2025
- Footing side strutting should be done
- Use potable water for all construction activities including curing
- Column rods lapping should be done only @ mid height between floors
- Do not provide pedestal for columns C12, C13, C17 & C18

Project Title:

Proposed Residential Building @ New Door No.7, Padmasvathy Road, Jaypore Nagar, Gopalapuram, Chennai - 600 058

Drawing Title:

Foundation, Column and Plinth Beam Details

Scale: N.T.S

Date: 19.06.2025

N

Promoter:

KCee Properties
Door No: 8 / 19, Second Street,
Ragavon Colony, Ashok Nagar,
Chennai - 600 053

Structural Consultant:

N. Kanagavel M.E., M.B.A., MIE, FIV
CA-12, Tarangini Complex,
Ambattur Industrial Estate,
Chennai - 600 058