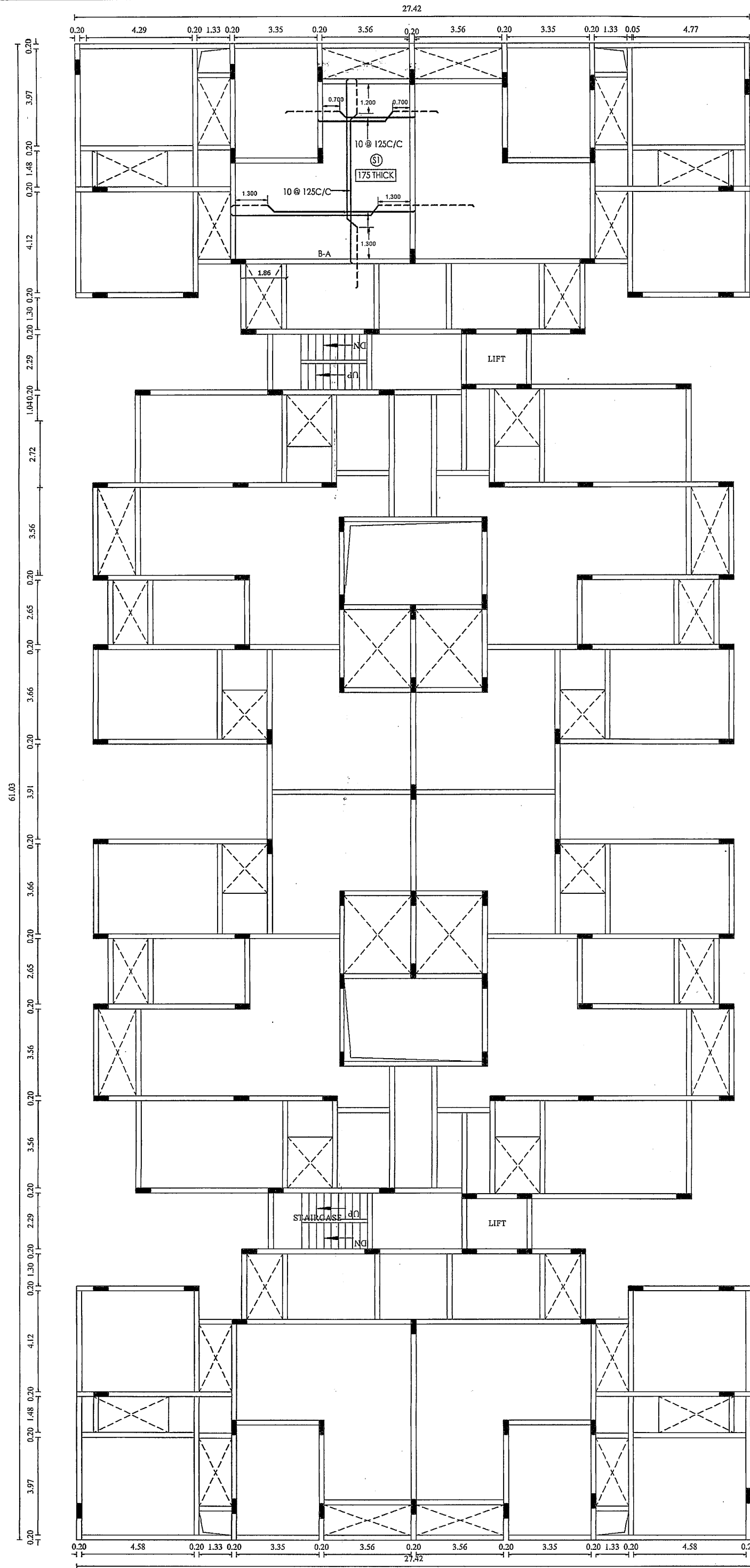
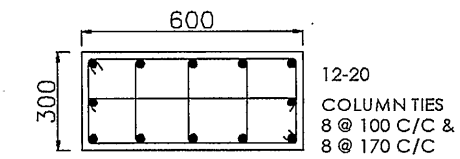


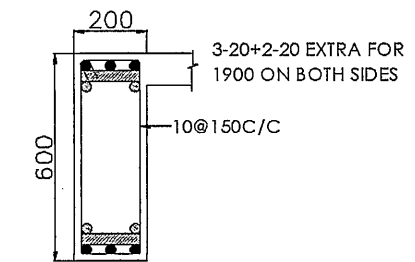
FOUNDATION AND PLINTH BEAM LAYOUT



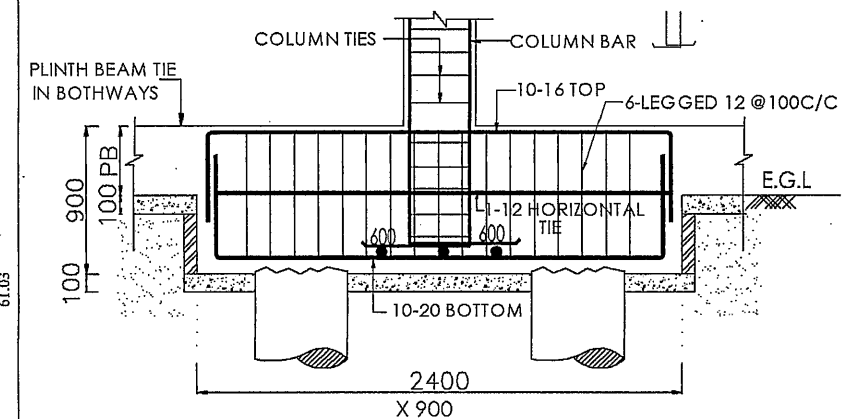
TYPICAL FLOOR ROOF LAYOUT



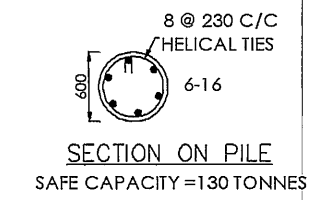
DETAIL OF COLUMN - A  
MIX GRADE = M-35 WITH  
410 kg/cu.m



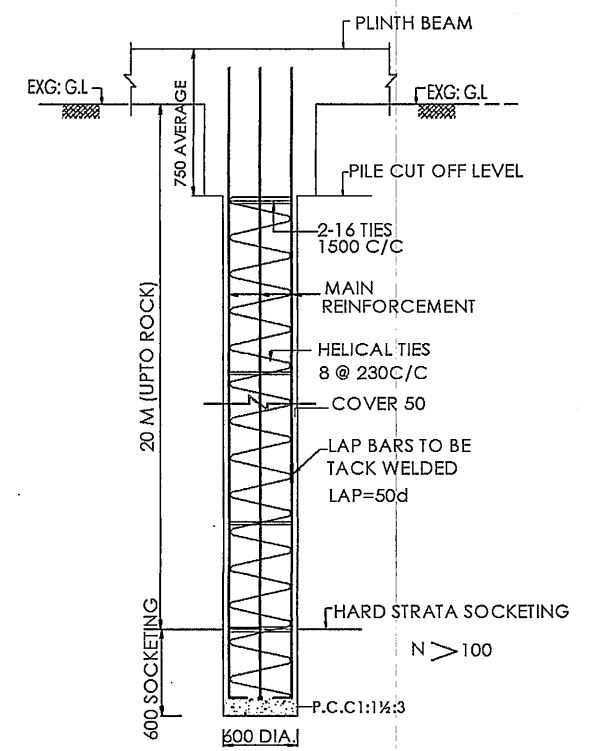
DETAIL OF B-A  
MIX GRADE = M-30 WITH  
380 kg/cu.m



DETAIL OF PC-1  
DETAIL OF 2-PILE GROUP (500 DIA.)  
MIX GRADE = M-30 WITH 380 kg/cu.m



SECTION ON PILE  
SAFE CAPACITY = 130 TONNES



TYPICAL CROSS SECTION OF  
BORED CAST IN SITU PILE  
MIX GRADE = M-30 WITH 400 kg/cu.m (USE SLAG CEMENT)

SUBMISSION DRAWING

NOTES:

- \* ALL DIMENSIONS ARE IN METER AND MILLIMETER
- \* CONCRETE MIX SHOULD BE **M-30** WITH MINIMUM CEMENT CONTENT **380Kg/cu.m** UNLESS OTHERWISE SPECIFIED
- \* CLEAR COVER TO THE MAIN REINFORCEMENT FOR PILE-60MM, PILE CAP-60MM, COLUMN-40MM, BEAM-30MM & SLAB-25MM
- \* STEEL SHOULD BE OF GRADE **Fe500**
- \* CONCRETE MIX FOR COLUMN BEAM JUNCTION AS PER COLUMN SCHEDULE
- \* LAP LENGTH FOR SLAB, BEAM, LINTEL-50d, FOR COLUMN-40d

- \* NOT MORE THAN 50% BARS LAPPED AT ONE POINT
- \* CONDUIT PIPES SHOULD NOT GO THROUGH COLUMNS
- DENOTES TOP BARS
- DENOTES BOTTOM BARS
- \* PROVIDED CONTINUOUS LINTEL FOR ALL FLOORS
- ALL DISTRIBUTOR BARS
- 8 @ 250 C/C TOP & BOT
- \* FOUNDATION DESIGNED FOR **STILT+5 UPPER FLOORS**
- \* DESIGNED FOR **SEISMIC ZONE-3**

REVISION

NO	DESCRIPTION	DATE

TITLE:

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (18.25M HEIGHT) RESIDENTIAL BUILDING WITH 40 DWELLING UNITS AT PLOT B, NEW GIRI ROAD COMPRISED IN T.S.NO.4790/1PART, 4790/2, 4790/3 AND 4790/4, BLOCK NO.109 OF T.NAGAR VILLAGE WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION ZONE : 9, DIVISION: 117.

FOUNDATION, TYPICAL FLOOR ROOF DETAILS

NORTH POINT	DATE: 12-04-2023
W S E	DRAWN: S-USHA RANI
North	DRG:NO: -
	SCALE: 1:100
	SHEET: NO: 1

STRUCTURAL ENGINEER

*J. Prabhakaran*  
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