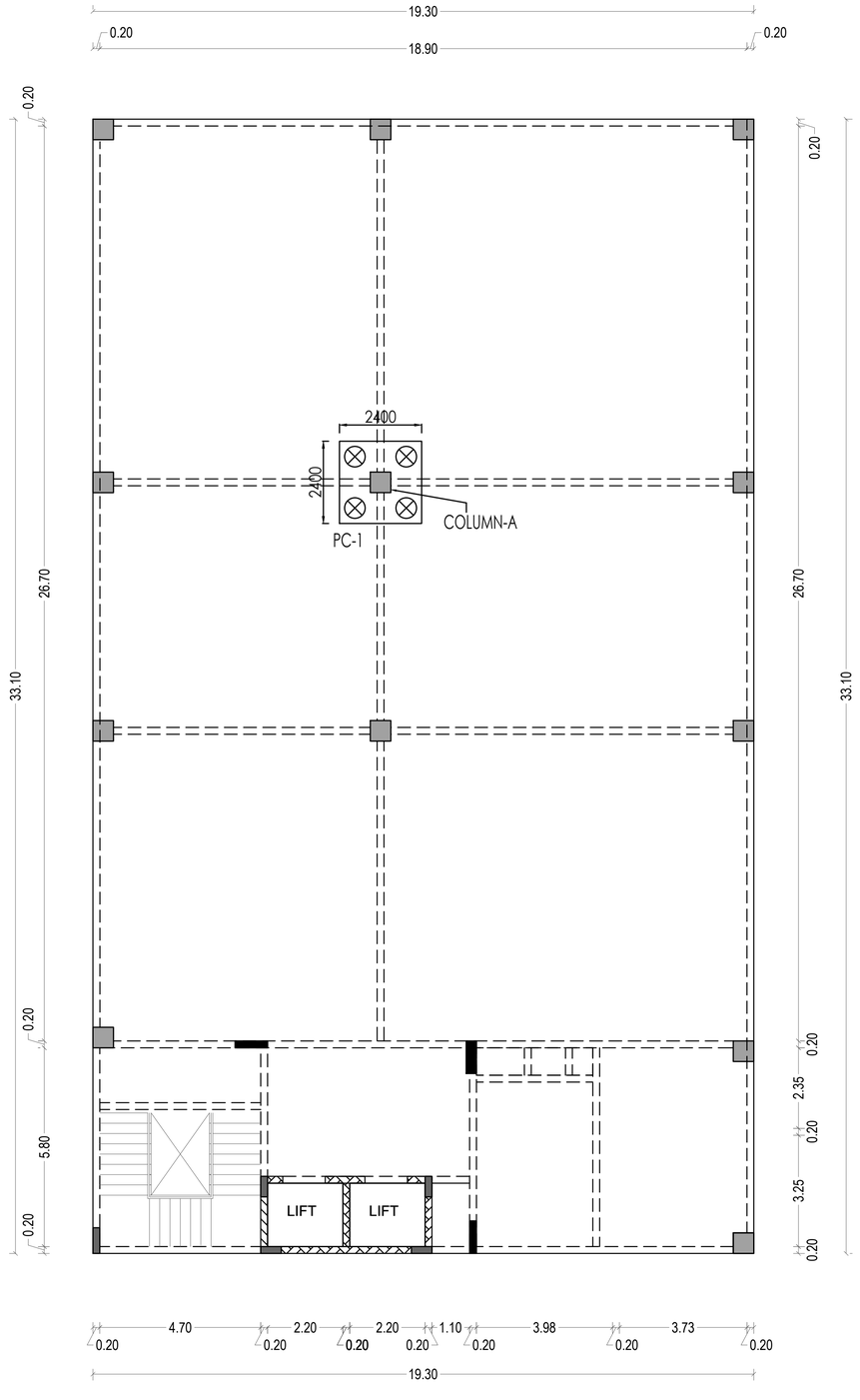
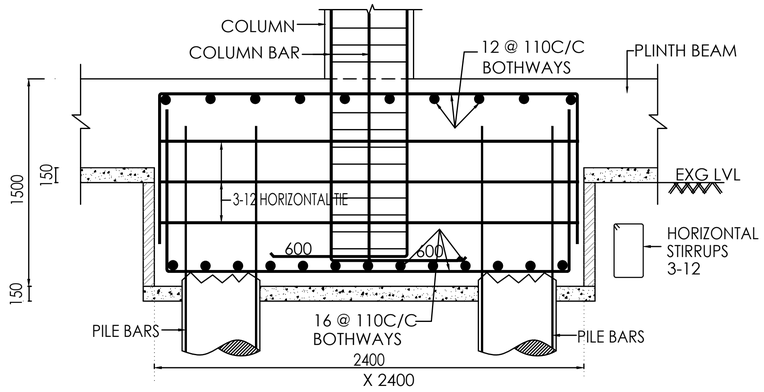
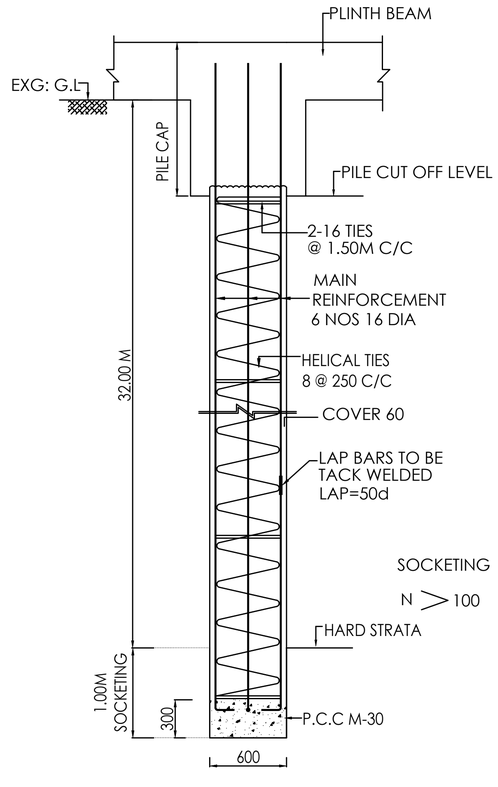


DETAIL OF FOUNDATION LAYOUT

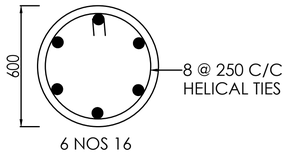


DETAIL OF PC-1 (600 DIA)

MIX GRADE = M-30



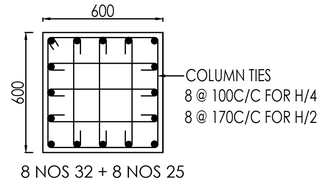
TYPICAL CROSS SECTION OF
BORED CAST INSITU PILE
MIX GRADE = M-30



DETAIL OF BORED CAST IN SITU PILE

SAFE CAPACITY = 140 Tonnes, 33 M LONG
FROM E.G.L LVL

MIX GRADE = M-30



DETAIL OF COLUMN-A

C.C.MIX M-35

SUBMISSION DRAWING

NOTES

* CONCRETE MIX SHOULD BE M-35
* CLEAR COVER TO THE MAIN REINFORCEMENT FOR P.BEAM-25 COLUMN-40, PILECAP-50, ROOF BEAM-40, ROOF SLAB-25
* STEEL SHOULD BE OF GRADE Fe500
* LAP LENGTH FOR REBARS-50d
* NOT MORE THAN 50% OF BARS LAPPED AT ONE POINT
* CONDUIT PIPES SHOULD NOT GO THROUGH COLUMNS
* PROVIDE PILE FOUNDATION AS PER SOIL REPORT
* FOUNDATION DESIGNED FOR S+4 UPPER FLOORS
* REFER SOIL REPORT FOR SUGGESTED PRECAUTIONS
* FOUNDATION DESIGNED FOR SEISMIC ZONE-III

TITLE:

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 4 FLOORS (HEIGHT - 18.20 M) COMMERCIAL BUILDING (OFFICE USE) AT PLOT NO: 35, 36 & 37, NEW DOOR NO: 23, 21 & 19, OLD DOOR NO: 11, 10 & 09, DE MONTE COLONY STREET, DEMONTE COLONY, ALWARPET, CHENNAI - 600018.
COMPRISED IN R.S. NO. 3676, BLOCK NO. 73 OF MYLAPORE VILLAGE, MYLAPORE TALUK, ZONE IX, DIVISION 123 OF GREATER CHENNAI CORPORATION.

DETAIL OF FOUNDATION LAYOUT

NORTH POINT

N

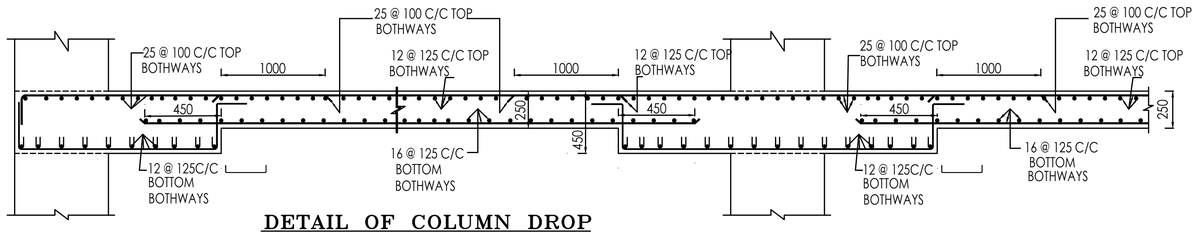
DATE: 04-05-2023

DRAWN: C.S.K | DESIGN: CHANDRU

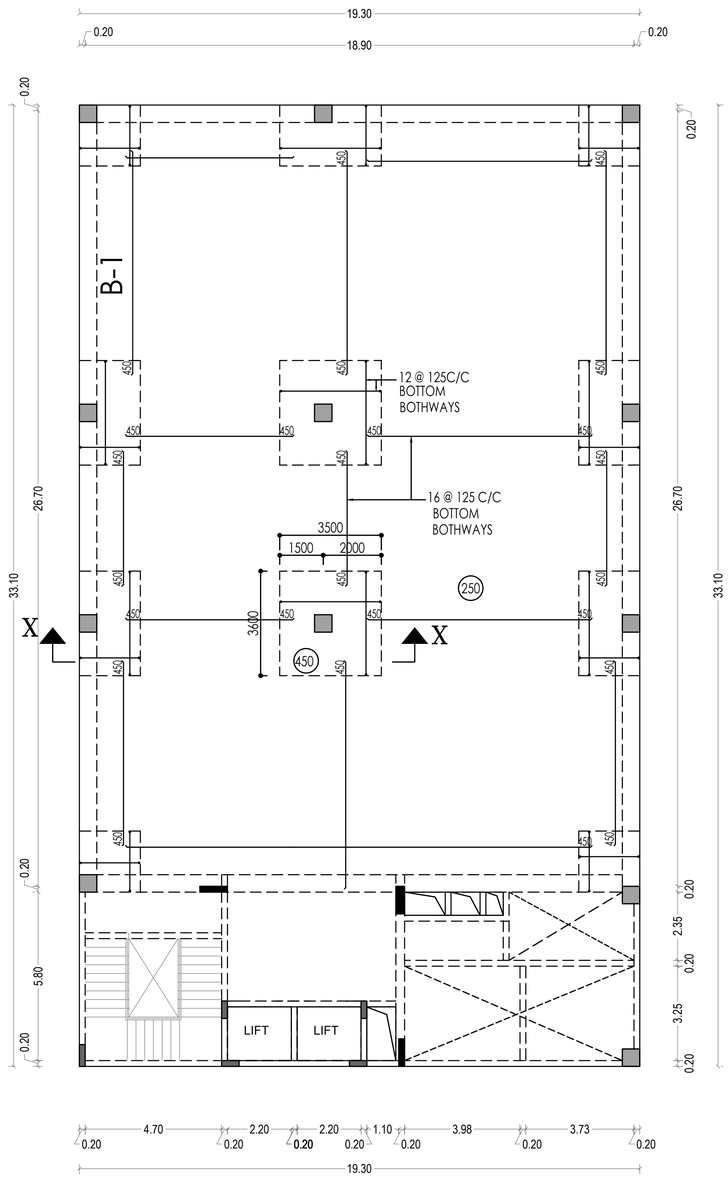
SCALE: 1:100

SHEET:NO: 1

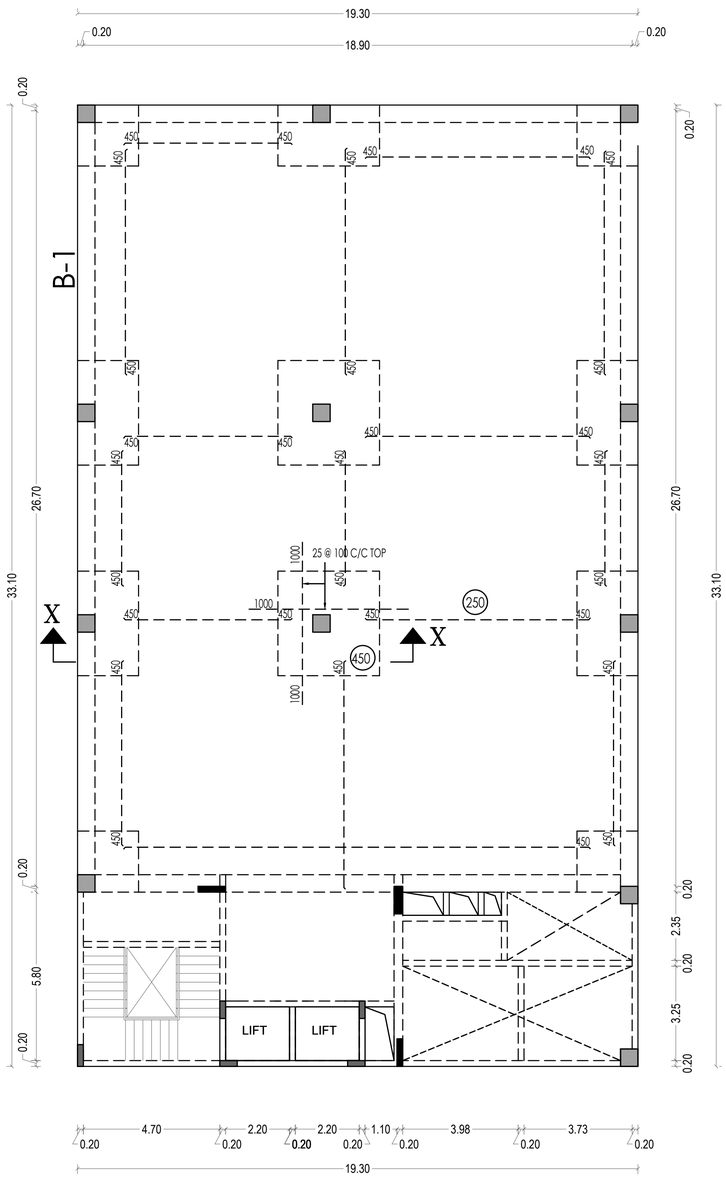
STRUCTURAL ENGINEER



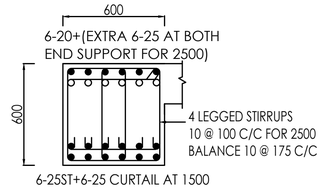
DETAIL OF COLUMN DROP
(SECTION X–X)
MIX GRADE = M–30



TYP FLOOR ROOF BOTTOM REBAR LAYOUT



TYP FLOOR ROOF TOP REBAR LAYOUT



DETAIL OF B–1
MIX GRADE = M–35

SUBMISSION DRAWING

NOTES

* CONCRETE MIX SHOULD BE M–35
* CLEAR COVER TO THE MAIN REINFORCEMENT FOR P.BEAM–25 COLUMN–40, PILECAP–50, ROOF BEAM–40, ROOF SLAB–25
* STEEL SHOULD BE OF GRADE Fe500
* LAP LENGTH FOR REBARS–50d
* NOT MORE THAN 50% OF BARS LAPPED AT ONE POINT
* CONDUIT PIPES SHOULD NOT GO THROUGH COLUMNS
* PROVIDE PILE FOUNDATION AS PER SOIL REPORT
* FOUNDATION DESIGNED FOR S+4 UPPER FLOORS
* REFER SOIL REPORT FOR SUGGESTED PRECAUTIONS
* FOUNDATION DESIGNED FOR SEISMIC ZONE–III

TITLE:

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 4 FLOORS (HEIGHT – 18.20 M) COMMERCIAL BUILDING (OFFICE USE) AT PLOT NO: 35, 36 & 37, NEW DOOR NO: 23, 21 & 19, OLD DOOR NO: 11, 10 & 09, DE MONTE COLONY STREET, DEMONTE COLONY, ALWARPET, CHENNAI – 600018.
COMPRISED IN R.S. NO. 3676, BLOCK NO. 73 OF MYLAPORE VILLAGE, MYLAPORE TALUK, ZONE IX, DIVISION 123 OF GREATER CHENNAI CORPORATION.

DETAIL OF TYP FLOOR ROOF

NORTH POINT (N)	DATE: 04–05–2023
	DRAWN: C.S.K | DESIGN: CHANDRU
	SCALE: 1:150
	SHEET:NO: 2

STRUCTURAL ENGINEER