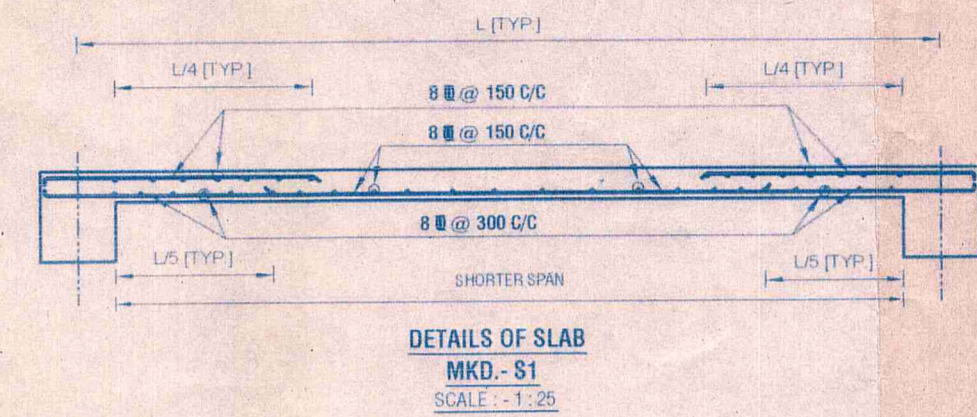
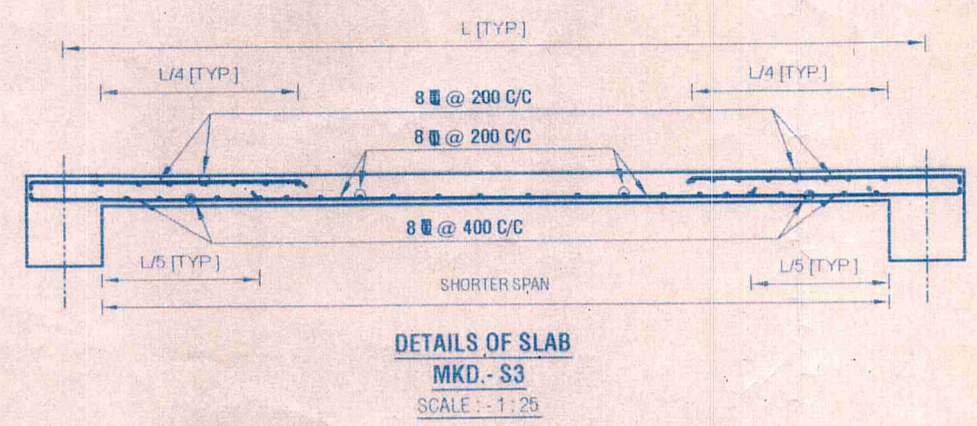
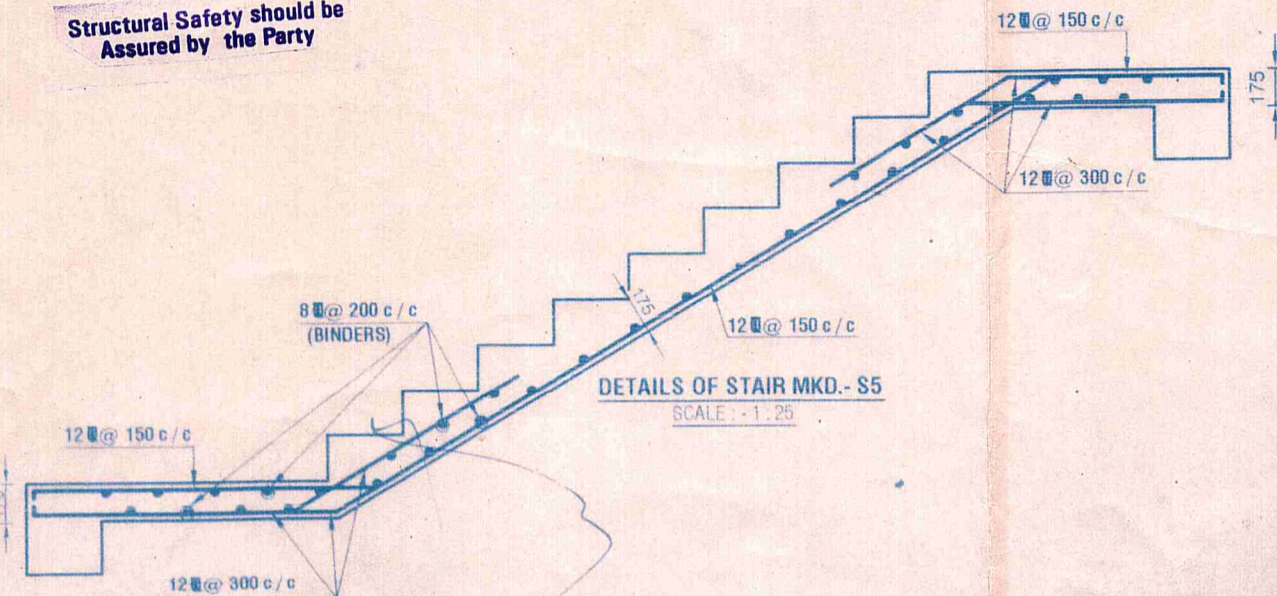


SCHEDULE OF R.C.C. COLUMNS				
COLUMN MKD.	SIZE & REIN. FROM BASE TO 2ND. FL. LVL.	SIZE & REIN. FROM 2ND. FL. LVL. TO 4TH. FL. LVL.	SIZE & REIN. FROM 4TH. FL. LVL. TO ABOVE FL. LVL.	STIRRUP
C10, C11, C12, C13	300 X 700 6 - 16 Φ	300 X 700 4 - 16 Φ 2 - 12 Φ	300 X 700 6 - 12 Φ	REFER COLUMN SECTION
C3, C14, C15, C16, C17, C24	300 X 600 5 - 16 Φ	300 X 600 2 - 16 Φ 3 - 12 Φ	300 X 600 5 - 12 Φ	REFER COLUMN SECTION
C1, C2, C4, C5, C6, C7, C8, C9, C18, C19, C20, C21, C22, C23, C25, C26	300 X 500 4 - 16 Φ	300 X 500 2 - 16 Φ 2 - 12 Φ	300 X 500 4 - 12 Φ	REFER COLUMN SECTION

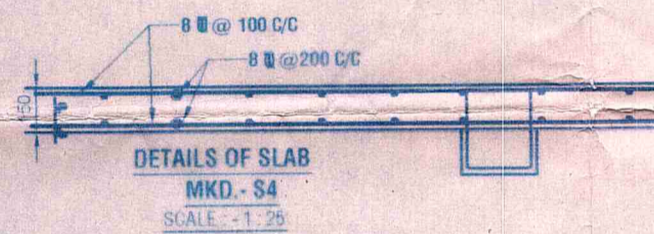
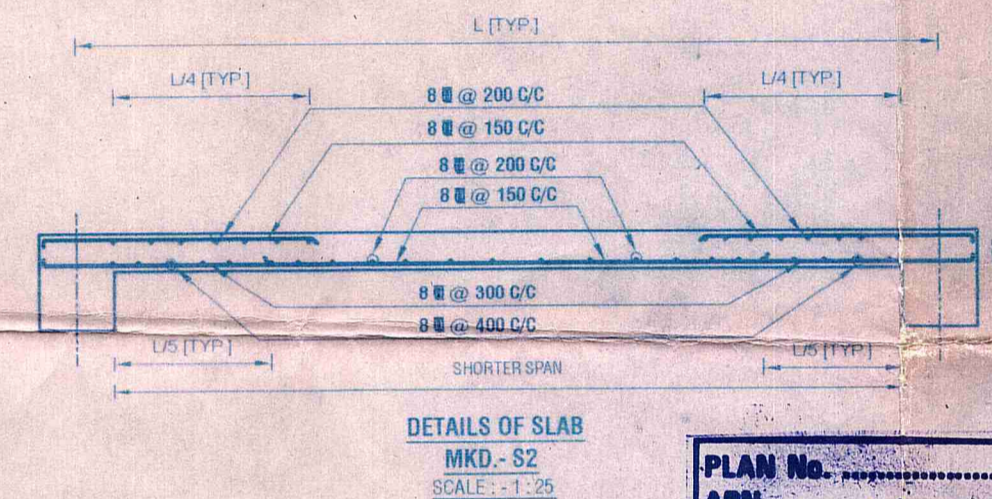
SCHEDULE OF R.C.C. BEAMS							
BEAM MKD.	BEAM SECTION	SIZE & REIN. AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REIN. AT SPAN		STIRRUP AT SPAN
		TOP	BOTTOM		TOP	BOTTOM	
B1	300X500	3 - 16 Φ + 3 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C	3 - 16 Φ	3 - 12 Φ + 2 - 16 Φ	8 TOR 2L @ 125 C/C
B2	300X500	2 - 16 Φ + 3 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C	2 - 16 Φ	3 - 12 Φ + 2 - 12 Φ	8 TOR 2L @ 125 C/C
B3	300X500	2 - 16 Φ + 2 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 175 C/C	2 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 175 C/C
B4	300X500	3 - 16 Φ	3 - 16 Φ	8 TOR 2L @ 125 C/C	3 - 16 Φ	3 - 16 Φ	8 TOR 2L @ 125 C/C
B5	300X500	2 - 16 Φ	2 - 16 Φ	8 TOR 2L @ 175 C/C	2 - 16 Φ	2 - 16 Φ	8 TOR 2L @ 175 C/C
B6	300X500	6 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C	6 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C
B7	300X500	4 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C	4 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 125 C/C
TB1	300X500	2 - 16 Φ + 3 - 16 Φ	2 - 16 Φ	8 TOR 2L @ 125 C/C	2 - 16 Φ	2 - 16 Φ + 2 - 16 Φ	8 TOR 2L @ 125 C/C
TB2	300X500	2 - 12 Φ + 2 - 16 Φ	3 - 12 Φ	8 TOR 2L @ 175 C/C	2 - 12 Φ	3 - 12 Φ	8 TOR 2L @ 175 C/C
TB3	300X500	2 - 12 Φ	2 - 16 Φ	8 TOR 2L @ 175 C/C	2 - 12 Φ	2 - 16 Φ	8 TOR 2L @ 175 C/C

SCHEDULE OF R.C.C. SLABS					
SLAB MKD	THICKNESS (mm)	REINFORCEMENT PARALLEL TO SHORTER DIRECTION		REINFORCEMENT PARALLEL TO LONGER DIRECTION	
		AT MIDDLE SPAN	AT END SPAN	AT MIDDLE SPAN	AT END SPAN
S1	150	8 Φ @ 150 c/c (botl.)	8 Φ @ 150 c/c (top)	8 Φ @ 150 c/c (botl.)	8 Φ @ 150 c/c (top)
S2	125	8 Φ @ 150 c/c (botl.)	8 Φ @ 150 c/c (top)	8 Φ @ 200 c/c (botl.)	8 Φ @ 200 c/c (top)
S3	100	8 Φ @ 200 c/c (botl.)	8 Φ @ 200 c/c (top)	8 Φ @ 200 c/c (botl.)	8 Φ @ 200 c/c (top)
S4	150	8 Φ @ 100 c/c (top & botl.)	8 Φ @ 100 c/c (top & botl.)	8 Φ @ 200 c/c (top & botl.)	8 Φ @ 200 c/c (top & botl.)
S5	175	8 Φ @ 200 c/c (binder.)	8 Φ @ 200 c/c (binder.)	12 Φ @ 150 c/c (botl.)	12 Φ @ 300 c/c (botl.)

Structural Safety should be Assured by the Party



Structural Safety should be Assured by the Party



PLAN No. APN.
Date:

SPECIFICATIONS

- DEPTH OF FOUNDATION IS AT 2.50 M. BELOW EXISTING G.L.
- SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT
- GRADE OF CONCRETE IS M-25 AND GRADE OF STEEL IS Fe-500.
- CLEAR COVER TO MAIN REINFORCEMENT IS AS PER BELOW -
 - FOUNDATION - 75 MM
 - COLUMN - 40 MM
 - BEAM - 25 MM
 - SLAB - 15 MM
- ALL SLABS MUST BE MONOLITHIC WITH SUPPORTING BEAM.
- ALL OTHER SPECIFICATIONS AS PER NATIONAL BUILDING CODE OF INDIA

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

BUILDING PLAN APPROVED ON THE BASIS OF THE INDEMNITY BOND (LAND MUTATION & CONVERSION IS THE RESPONSIBILITY OF THE OWNER)

22.10.17

TUSHAR BARAN PAHARI
M.E. (STRUCTURE) MGS,
E.S.E. NO. 1148
CHARTERED ENGINEER
P-40C ARCADE EXTENSION, BEHALA
KOLKATA-700 034. (M) - 933100 9204
SIS. OF STRUCTURAL ENGINEER

APPROVED

APPROVED VIDE LETTER NO. G.C.T.A./W.B./S.P./Building Plan/PRO CELA-B/93/19-20/004
DATED: 26.10.17

Jui Chatterjee
26.10.17
SIGNATURE OF L.B. ARCHITECT

Sukle 29-5-19
SUKANTA SAMANTA
Asst. Engineer-Civil (Incharge)
Golden City Industrial Township Authority

Chandan Aoi
26.10.17

SIGNATURE OF OWNER

STRUCTURAL DRAWING OF A PROPOSED SIX (G+5) STORIED RESIDENTIAL APARTMENT OF PADMA REAL ESTATE, OVER L.R PLOT NO- 6019,6020, 6042,6044, ELA PLOT NO - B-93, OF MOUZA - DAKSHINKHANDA, J.L. NO -36, L.R KHATIAN NO - 3993, P.S. - ANDAL, DIST. - BURDWAN.

CREATIVE STATICAL CONCERN
CIVIL ENGG. CONSULTANT & CONTRACTOR
P-40C ARCADE EXTENSION, BEHALA
KOLKATA-700 034. (M) - 933100 9204
SIS. OF STRUCTURAL ENGINEER

SHEET NO-2 OF 2

GOLDEN CITY INDUSTRIAL TOWNSHIP AUTHORITY

Executive Officer