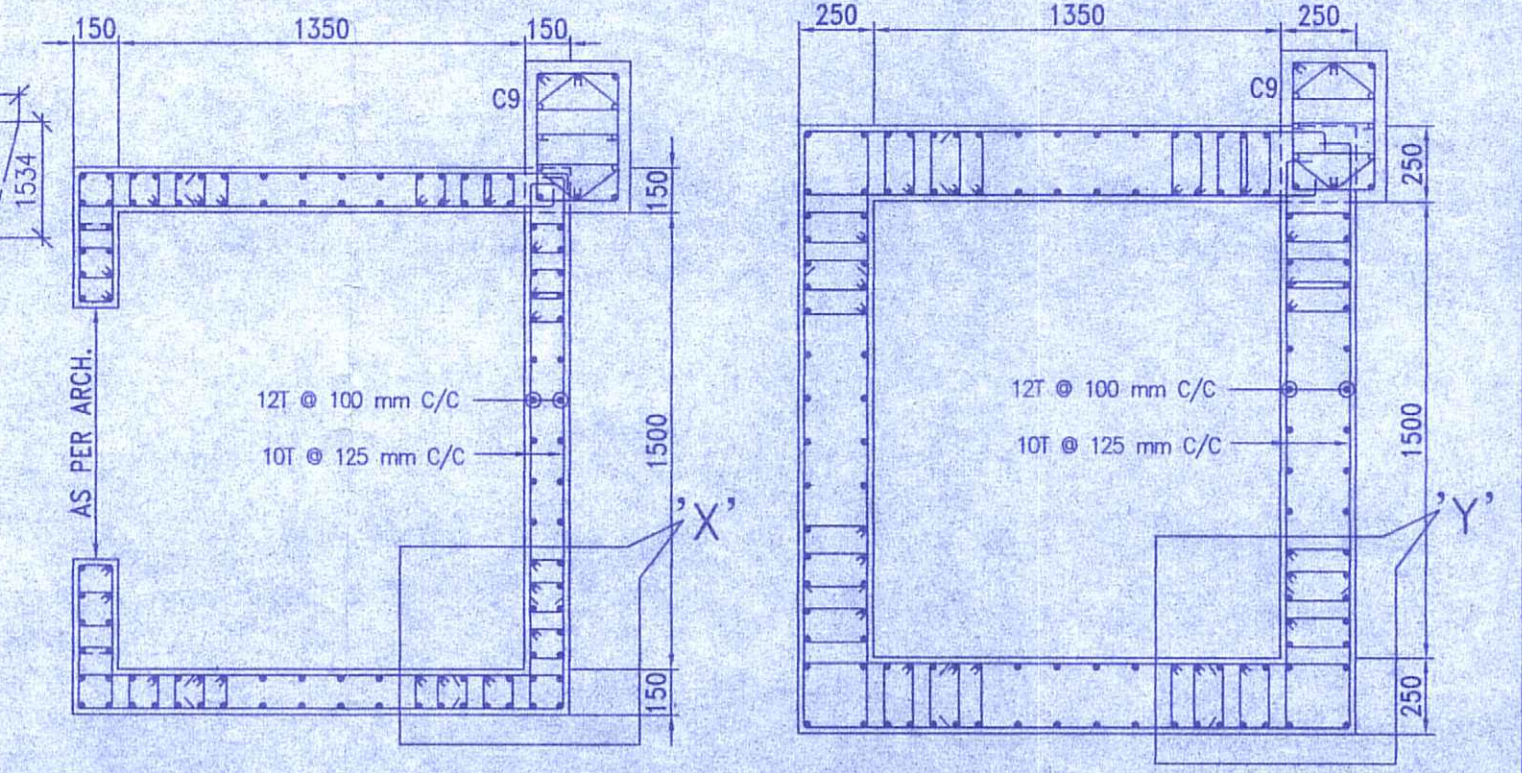


**RAFT BEAM AND SLAB LAYOUT PLAN**  
RS MARKED SLABS ARE 600mm. THICK.  
RS REFERS TO RAFT SLAB.  
SCALE-1:100



**LIFT WALL PLAN AT FLOOR LEVEL**  
SECTION (S-S)  
SCALE 1:25

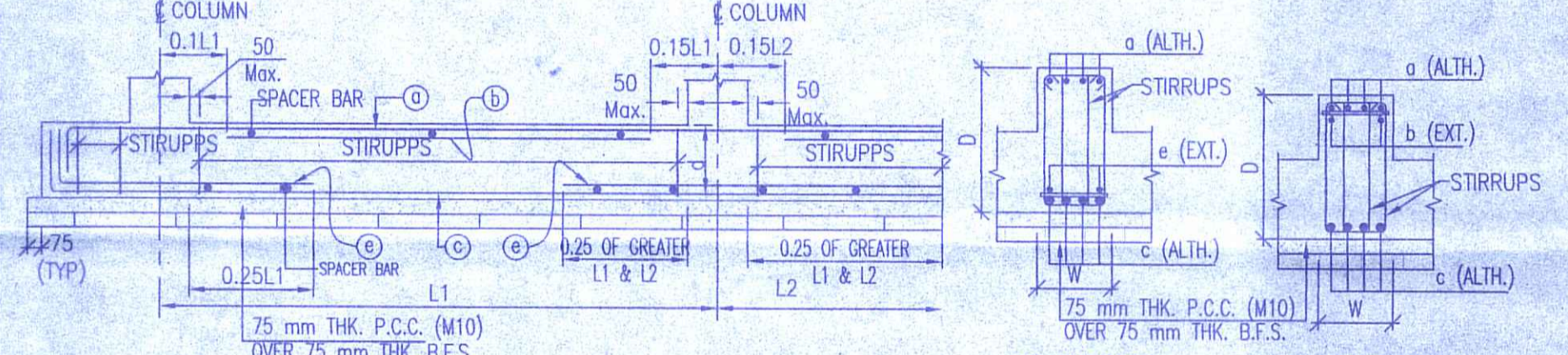
**LIFT WALL PLAN AT BASE LEVEL**  
SECTION (R-R)  
SCALE 1:25

**SCHEDULE OF RAFT SLAB**

SLAB MARKED	SLAB THICKNESS (mm)	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION	
		BOTTOM	TOP	BOTTOM	TOP
RS	600	16 $\Phi$ 100 C/C	16 $\Phi$ 100 C/C	16 $\Phi$ 100 C/C	16 $\Phi$ 100 C/C

**SCHEDULE OF RAFT BEAMS**

BEAM MARKED	BEAM WIDTH (mm)	BEAM DEPTH (mm)	TOP REINFORCEMENT		BOTTOM REINFORCEMENT		STIRRUPS	SIDEFACE
			ALTHROUGH	EXTRA AT SPAN	ALTHROUGH	EXTRA AT SUPPORT		
RFB1	600	650	6-16 $\Phi$	-	6-16 $\Phi$	-	4L-8 $\Phi$ 200 C/C	-
RFB2	450	650	4-16 $\Phi$	-	4-16 $\Phi$	-	4L-8 $\Phi$ 200 C/C	-
RFB2A	450	1050	4-16 $\Phi$ +4-16 $\Phi$	-	4-16 $\Phi$ +4-16 $\Phi$	-	4L-8 $\Phi$ 200 C/C	12 $\Phi$ 150 C/C
RFB3	450	650	4-16 $\Phi$	3-12 $\Phi$	4-16 $\Phi$	3-12 $\Phi$	4L-8 $\Phi$ 200 C/C	-
RFB4	600	650	6-16 $\Phi$	3-12 $\Phi$	6-16 $\Phi$	3-12 $\Phi$	4L-8 $\Phi$ 200 C/C	-
RFB4	600	1050	6-16 $\Phi$ +3-12 $\Phi$	-	6-16 $\Phi$ +3-12 $\Phi$	-	4L-8 $\Phi$ 200 C/C	12 $\Phi$ 150 C/C



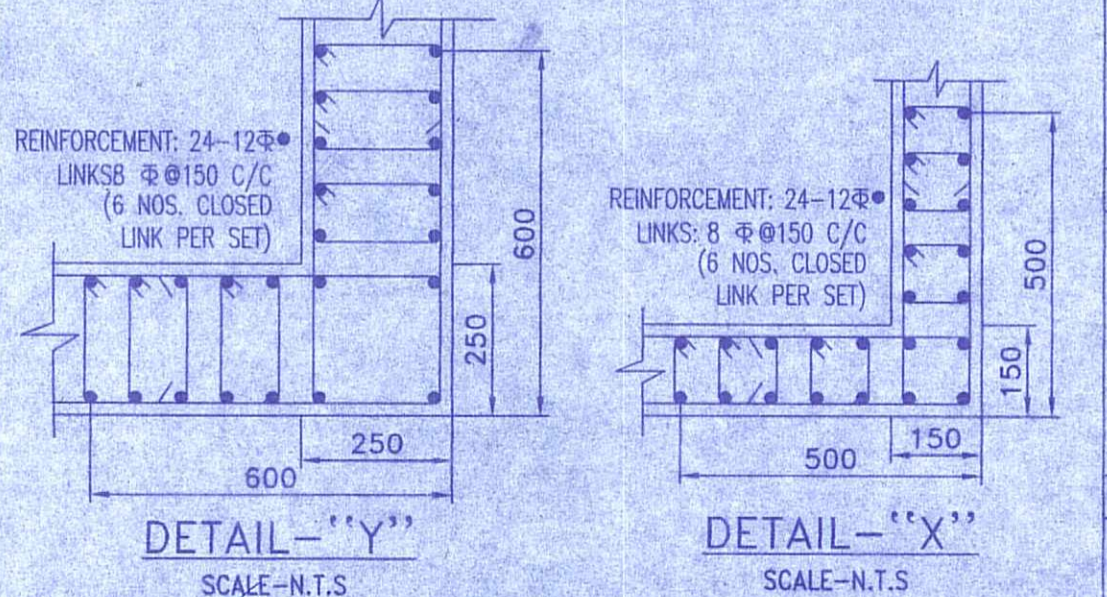
**TYPICAL ARRANGEMENT OF REINF. IN FOUNDATION BEAM**  
(AS PER SP 34-1987)  
SCALE - N.T.S.

**TYPICAL CROSS SECTION OF FOUNDATION BEAM**  
SCALE - N.T.S.

**IMPORTANT NOTE:**  
THE GENERAL ARRANGEMENT AND REINFORCEMENT DETAILS OF THE EXISTING/SANCTIONED PORTION HAVE BEEN TAKEN AS CLIENT'S INPUT WITHOUT VERIFICATION MUST BE CHECKED AT SITE BEFORE EXECUTION FOR VALIDITY OF THIS DRAWING.

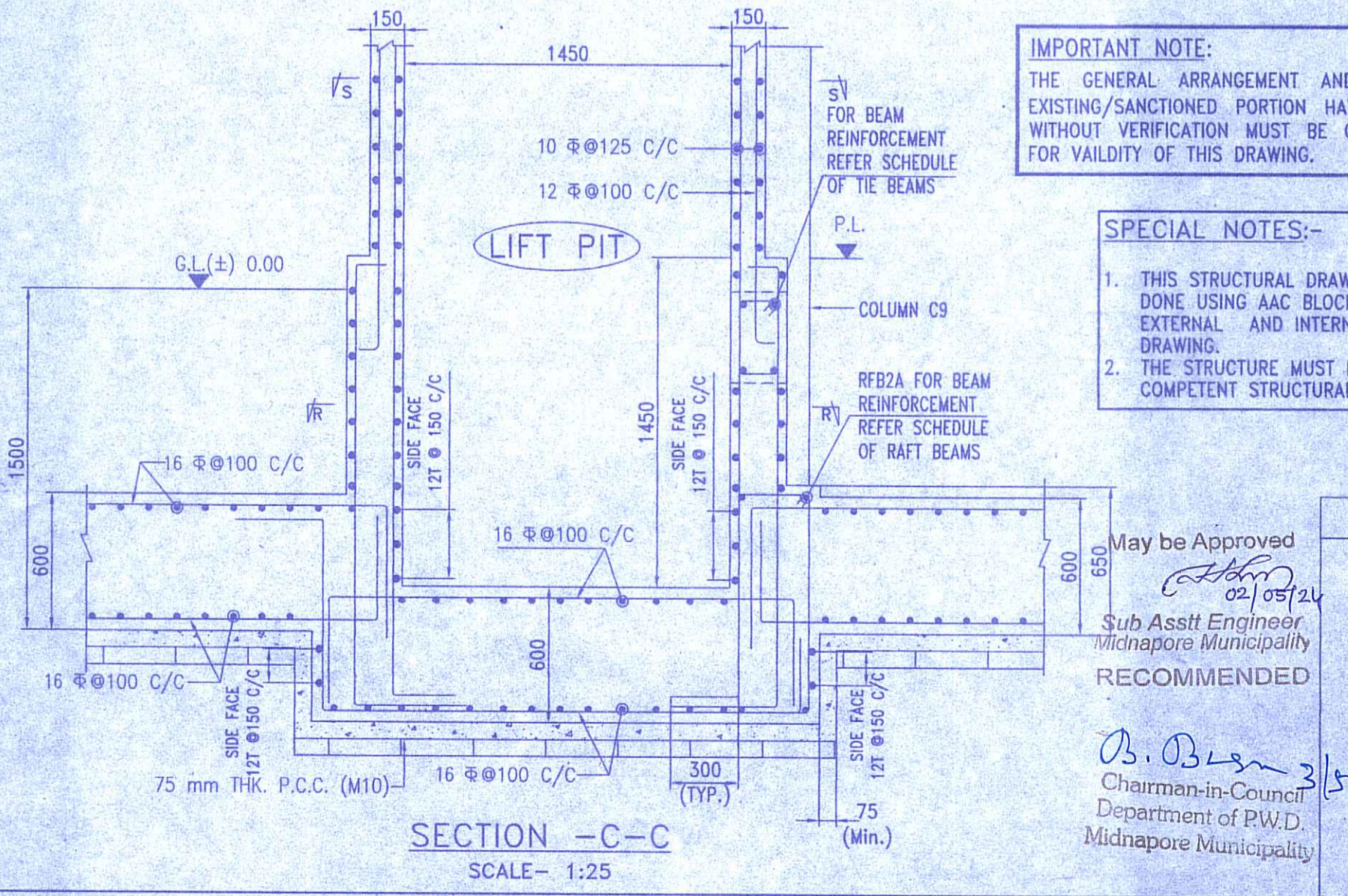
**SPECIAL NOTES:-**

- THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.
- THE STRUCTURE MUST BE CONSTRUCTED IN PRESENCE OF A COMPETENT STRUCTURAL ENGINEER FOR STRICT SUPERVISION.



**DETAIL-Y**  
SCALE-N.T.S.

**DETAIL-X**  
SCALE-N.T.S.



**SECTION C-C**  
SCALE- 1:25

**SIGNATURE OF THE VETTING AUTHORITY**

CHECKED & VETTED

DR. DIPANKAR CHAKRABORTY  
STRUCTURAL ENGINEERING DIVISION  
PROFESSOR & FORMER HEAD  
CIVIL ENGINEERING DEPARTMENT  
JADAVPUR UNIVERSITY  
E-1 (U) Gosh Medinipur, Medinipur (Dist) West Bengal, Pin-751007  
(Office) 933-2497-2599 (H) 9330-18532 & 82441-4274  
Email: prof.dipankar@gmail.com

02/05/2024  
Sub Asstt Engineer  
Midnapore Municipality  
RECOMMENDED

03.03.2024  
Chairman-in-Council  
Department of P.W.D.  
Midnapore Municipality

**SIGNATURE OF STRUCTURAL ENGINEER**

SUSMITA CHOUDHURY  
B.TECH (CIVIL) - WBUT  
ME (CONSTRUCTION) - JU  
ESE-17/R/05/01/130  
ESE-H/13/06/664 ER. KALYAN BRATA ROY  
STER/NKDA/21/00010 CHARTERED ENGINEER  
CWB/R/NKDA/10/0017335 M.A.S.C.E. M.I.S.T.E. M.I.G.S. M.I.P.E. (INDIA)  
(M)-8667517321/77003201735 ESE-09 (CL-I) KMC  
JHOREHAT, ANDUL, HOWRAH-74

**NOTES :**

- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
- ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS. AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH).
- ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
- UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
- ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
- VIBRATOR SHALL BE USED FOR PROPER COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.
- UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C.
- CONCRETE CLEAR COVER SHALL BE AS FOLLOWS:  
i) RAFT FOUNDATION : 50 mm  
ii) SHEAR WALL : 20 mm
- GRADE OF CONCRETE FOR SUBSTRUCTURE WILL BE M25 AS PER IS: 456:2000.
- DEVELOPMENT LENGTH 50XD FOR LAP & SPLICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP 34:1987
- THE NET SAFE BEARING CAPACITY FOR FOUNDATION AT DEPTH (-)1.5m. FROM G.L. HAS BEEN CONSIDERED 11.7 T/SQM ON THE BASIS OF SOIL REPORT PREPARED BY DR. SANTOSH KUMAR CHAKRABORTY (R.M.C. CONSULTANT).
- THE ABOVE MENTIONED BEARING CAPACITIES MUST BE ENSURED AT SITE UNDER SUPERVISION OF A COMPETENT GEO-TECHNICAL ENGINEER FOR VALIDITY OF THIS DRAWING.
- THE N VALUE AS DESCRIBED UNDER NOTES OF TABLE-1 OF IS-1893(PART-1)-2016 SHOULD BE ENSURED TO BE GREATER THAN 15 FOR VALIDITY OF THIS DESIGN AND DRAWING.

**TITLE:-**  
STRUCTURAL DRAWING OF PROPOSED 4TH, 5TH & 6TH. FLOOR OVER EXISTING G+3 STORIED ALREADY SANCTIONED RESIDENTIAL CUM COMMERCIAL APARTMENT OF SRI ANUP KUMAR SINGHA, S/O- LATE SURENDRANATH SINGHA, AT MOUZA:- NARAMPUR, J.L. NO.- 174, IN R.S. PLOT NO.- 15 (PART), L.R. PLOT NO.- 847 (PART), IN HOLDING NO.- 1536, AT STREET- SARATPALLY, WARD NO.- 23, P.S.- MEDINIPUR, DIST.- PASHCHIM MIDNAPORE MUNICIPALITY.

LEGAL REPRESENTATIVE EXECUTORS- ADMINISTRATOR & ASSIGN IN FAVOUR OF 'M/S RAJESHWARI DEVELOPER' PROP. 1) SRI SHIBU GHOSHAL, S/O- SRI SWAPAN GHOSHAL, 2) SMT. APARNA GHOSHAL, W/O- SRI SHIBU GHOSHAL, OF P.O.- ABASH, P.S.- KOTWALI, PIN.- 721102, DIST.- PASHCHIM MIDNAPORE.

**SIGNATURE OF OWNER**

Rajeshwari Developer  
Sri Anup Ghoshal  
Partner

Rajeshwari Developer  
Aparna Ghoshal  
Partner

**SIGNATURE OF ARCHITECT**

Patrali Pal  
AR. PATRALI PAL  
CA/93/16012  
L.B.A.- KMC

**SIGNATURE OF GEO-TECHNICAL ENGINEER**

DR. SANTOSH KUMAR CHAKRABORTY  
B.C.E., M.E. (Soils, Rooting)  
P.H.D. (Foundation Engineering)  
I.S.T.E., I.G.S., I.S.M.F.E. (London)  
The Kolkata Municipal Corporation  
License no. GT/18/1  
Consulting Geotechnical Engineer

**DRAWING TITLE**  
FOUNDATION LAYOUT PLAN WITH REINF. DETAILS.

SCALE-1:100 OR AS SHOWN  
DATE-05.04.2024

SHEET NO.- 1 OF 2  
SHEET SIZE- A2



P.W. NO. - 14  
DATE - 30/04/2024

The builder or the Owner will not resort to manual scavenging by engaging sanitation workers for cleaning of septic tank of proposed building.

Application of Shibu Ghoshal & others

P.W. No. 14 Dated 30/04/24 for G.T.C. Sanctioned

of Building for Commercial cum Residential (Purpose) Examined the application & with Apartment specification also held spot enquiry. Sanction to the building plan may be accorded with permission to execute the work.

Date:-

  
02/05/24  
Sub Asstt Engineer  
Midnapore Municipality  
Recommended



B. Bhowmik 3/5/24  
Chairman-in-Council  
Department of P.W.D.  
Midnapore Municipality

Sanction order No. 14  
P.W.D. Date 30/04/2024 Application  
Of Shibu Ghoshal & others  
Permission for Commercial cum Residential of building  
for Commercial cum Residential Apartment (purpose)  
Considered the opinion of S.A.E. / S.I. and  
recommendation of S.E.O. sanction is hereby  
accorded vis 207(1)(a) of the act read with rule  
20(1)(A) to the building plan with Specification  
duly counter signed. The building Plan shall  
remain valid for three years from the date of  
sanction and may be renewed for another two  
years on payment of fees vis 207(2) of the act.  
Permission to execute the work in the prescribed  
form to be given separately.

  
Chairman  
Midnapore Municipality  
  
Assistant Engineer  
Midnapore Municipality