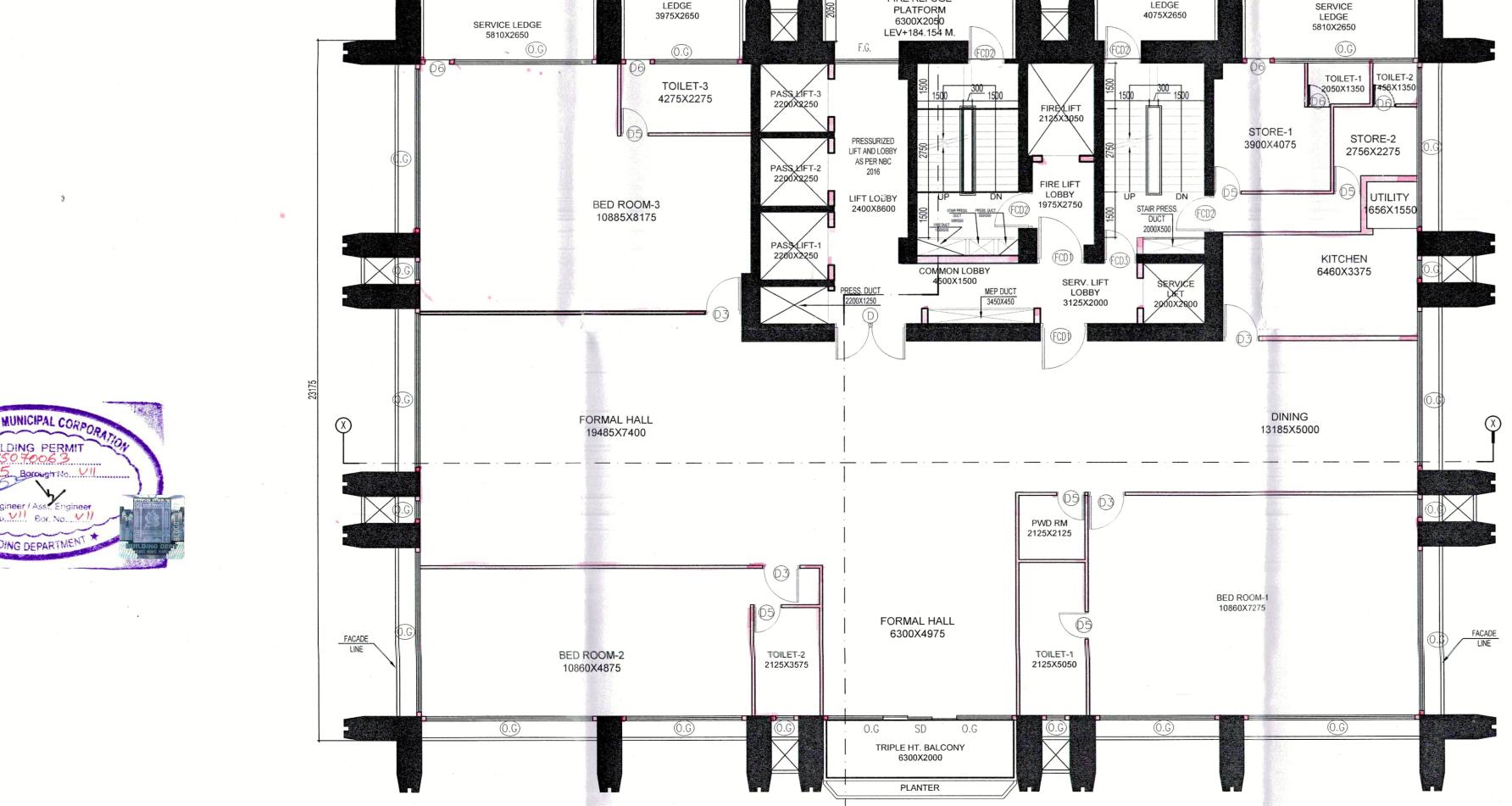
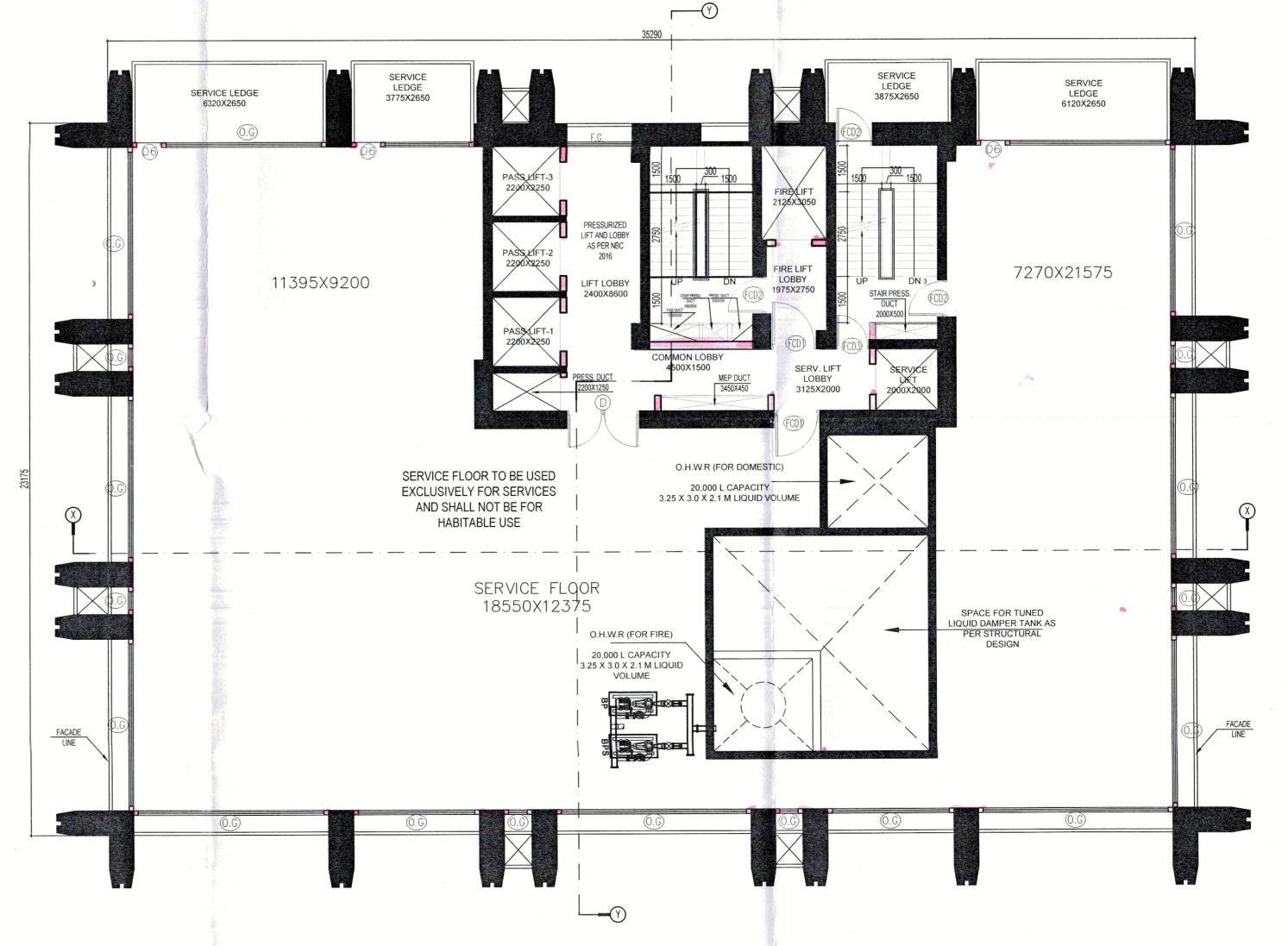


1.ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. 2,ALL EXTERNAL WALLS ARE 250/200/150 thk.& ALL INTERNAL WALLS ARE 3.THE DEPTH OF U.G.W.R. & S.T.P. SHALL NEVER EXCEED THE DEPTH OF FOUNDATION. 4.BRICK WORK 150/200/250 th. WITH MORTAR 1:6 & BRICK WORK 125/100 th WITH MORTAR 1:4 MIX 5.ALL CONCRETE OF R.C.C. WORKS AS SPECIFIED BY STRUCTURAL ENGINEER. 6.GRADE OF STEEL AS SPECIFIED BY THE STRUCTURAL ENGINEER 7.ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION. 000 X 2400 8.OTHER ITEMS ARE AS PER I.S. SPECIFICATION. 9.THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT D5 900 X 2400 DRAWINGS. 750 X 2400 1500 X 2400

ECI.E	LECTRICAL LOAD SHEET					
SR.NO	AREA DESCRIPTION	LOAD PER UNIT	TOTAL KW	D.L KW		
1	6 BHK UNIT_(10 UNIT)	25 KW	250	100		
2	3 BHK UNIT_(16 UNIT)	13 KW	200	80		
3	CLUB HOUSE & 1NOS LIFT		150	90		
4	BANQUET		150	90		
5	LIFT_(5NOS)		100	50		
6	GROUND FLOOR(1.5 W / SQFT)	3260 SQ FT	5	3.4		
7	BASEMENT(1.25 W / SQFT)	46137 SQ FT	58	40.4		
8	SERVICE FLOOR(1.25 W / SQFT)	17580 SQ FT	22	15.4		
9	PHE	1	200	140		
10	VENTILATION	1	90			
11	EXTERNAL LTG	1	20	14		
12	ELV LOAD		15	15		
	TOTAL CONNECTED LOAD		1260			
	TOTAL DEMAND LOAD			638.2		
	TRANSFORMER SELECTION					
	POWER FACTOR -90%		KVA	709.1		
	TRANSFORMER LOADING @80 %		KVA	886.4		
	TRANSFORMER RATING - 2NOS. 500KVA					
	D.G SET SELECTION					
	POWER FACTOR -80%		KVA	347.7		
	D.G SET LOADING @80%		KVA	434.6		
	D.G SET RATING -500 KVA	ACA				
	SOLAR CALCULATION 1 % - LOAD IN KW			6.38		
	SOLAR CALCULATION 5 % - LOAD IN K		31.91			



41TH FLOOR PLAN



42ND. FLOOR PLAN (SERVICE FLOOR-3)

DECLARATION OF GEO-TECHNICAL ENGINEER:

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFY THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM.PROPOSED HEREIN IS

SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT



#### SIGNATURE OF GEO-TECHNICAL ENGG.

### CERTIFICATE OF STRUCTURAL ENGINEER.

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.



#### SIGNATURE OF STRUCTURAL ENGG.

I HAVE REVIEWED / CHECKED THE STRUCTURAL DRAWING AND DESIGN DETAILS OF THIS PROJECT WHICH HAS BEEN DONE COMPLYING RELEVANT I.S. CODE INCLUDING SEISMIC AND THE NATIONAL BUILDING CODE. I CERTIFY THAT THE STRUCTURE WILL BE SAFE & STABLE AGAINST ALL VERTICAL AND LATERAL LOADS AND WILL BE FIT FOR HABITABLE USE.

Apal Santia

UTPAL SANTRA

B. C. E., M. C. E. (STRUCT.)

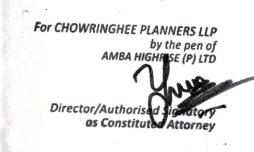
F. I. E.-F1212601

KMC Empanelled Structural Reviewer

E. S. R - (I) 58/10

#### SIGN. OF STRUCTURAL REVIEWER.

WE DO HERE BY UNDERTAKE WITH FULL RESPONSIBILITY THAT - (1) WE SHALL ENGAGE ARCHITECT & E.S.E DURING CONSTRUCTION. (2) WE SHALL FOLLOW THE INSTRUCTION OF ARCHITECT & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER B.S PLAN). (3) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE. (4) IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. (5) THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDER THE GUIDANCE OF ARCHITECT / E.S.E.



### SIGNATURE OF OWNER

I HEREBY CERTIFY THAT THE ERECTION OF BUILDING ON PREMISES NO. 54, CHOWRINGHEE ROAD, KOLKATA-700071,IS UNDER MY SUPERVISION. I ALSO CERTIFY THAT THE PROPOSED CHANGES IN LAYOUT HAS BEEN DRAWN AS PER PROVISION OF K.M.C BUILDING RULES 2009.



## SIGNATURE OF ARCHITECT.

## PROJECT:

REVISED PLAN OF PROPOSED ADDITION OF 2B+G+INTERMEDIATE+42 STOREY (190.10M ROOF HT.) RESIDENTIAL BUILDING, U/S 394 OF KMC ACT 1980, BUILDING RULES 2009,

AT PREMISES NO 54 CHOWRINGHEE ROAD, KOLKATA - 71 (B-VII, W-63), P.S- SHAKESPEARE SARANI UNDER KOLKATA MUNICIPAL CORPORATION.

# STRUCTURAL ENGINEER

# M.N.Consultants (Pvt).Ltd

ISO 9001:2015 CERTIFIED COMPANY "M.N.C. HOUSE" 1516, Rajdanga Main Road. Kolkata-107.

Ph.no.-9133-24418082/9133-40165700 FAX NO. 9133-24418083 E-MAIL:mnconpl2008@gmail.com

## ARCHITECTS:-

OMTRACTOR - 100

# AND

# Subir Kumar Basu\_

\_\_\_\_\_4, Broad Street, kolkata — 70001<u>9</u> \_\_\_\_(T) +91 33 22870333, (F) +91 33 22833043\_\_\_\_

\_\_(E) basu\_subirkumar@yahoo.com \_

## ARCHITECTURAL

Drawing Title:

FLOOR PLANS: 41ST, 42ND, ROOF

Designed:	Drawn: D.PAL	Checked: S. CHAKRA	BORTY	Approved: S. K. BASU	
Drawing No: SKB/ALC/CHW/	TOWED / A D C /k	Sheet size & Scale:	Sheet NO.		
SKD/ALC/CIIW/	Z T S	A0 & 1:100	11 OF 18	. **	
		·	Date		

04.12.2024

#### Plan for Water Supply arrangement including Before starting any Construction the SEMILI G. & O. H. reservoirs should be site must conform with the plans sanctioned submitted at the Office of the Ex-Engineer Wi-and all the conditions as proposed in the plan Supply and the sanction obtained before proceeding with the work of Water Supply any The velidities The validity of the written permission deviation may lead to disconnection/demolition. I he validity of the written permission to execute the work is subject to the above conditions. No rain water pipe should be fixed or discharged on Road or Footpath. Design of all Structural Members Drainage plan should be submitted at

including that of the foundation the Borough Executive Engineer's Office should conform to Standards and the sanction obtained before specified in the National Building proceeding with the drainage work. Code of India A suitable pump has to be provided i.e. All Building Materials to necessary pumping unfiltered water for the distribution & construction should conform's to to the flushing cisterns and urinals in the standard specified in the National building incase unfiltered water from street | Building Code of India. main is not available. Non Commencement of Erection/
Re-Erection within Five year will
Require Fresh Application for Sanction DEVIATION WOULD MEAN DEMOLITION CONSTRUCTION SITE SHALL BE MAINTAINED FREE FROM AIR POLLUTION ACCORDING TO UNDERTAKING SUBMITTED AS PER AMENDMENT DT. 31.01.2019 VIDE NO. 95/MA/O/C-4/3R-7/2017 OF SCHEDULE-N OF KMC BUILDING RULE 2009

Letting Date: -06/02/25

APPROVED APPROVED AS PER RESOLUTION OF M.I.C., VIDE ITEM NO. M.— 56,73 DT. 07/04/2025

Approved By : MBE Meeting No. The Building Committee Ttem no! - 257/24: THE SANCTION IS VALIED ASSISTANT ENGINEER (C) BORDUHH NO VI Approved subject to Compliance

THE KOLKATA MUNICIPAL CORPORA. of requisition of West Bengal Fire Services. If any. No. 20250 7006 3..... Date 171725 Borolyth No. VII Provision for use of solar energy in the form of solar heater and I or solar photo-cells shall be provided as Ex. Engineer / Ass Engineer required under Rule 147 of Building rules, 2009 and ampletion certificate will not be issued in case of anding without having such provision."

CONSTRUCTION SITE SHALL BE MAINTAINED | The building materials that will be TO PREVENT MOSC TO BREEDING AS REQUIRED | stacked on Road/Passage or Foot-path U/S 496 (1) & (2) OF CMC ACT 1980. IN SUCH MANNER beyond 3-months or after comptruction SO THAT ALL WATER COLLECTION & PARTICULARLY of G. Floor, whichever is earlier may be seized forthwith by the K.M.C. at the LIFT WELLS, VATS, BASEMENT CURING SITES, OPEN cost and risk of the owner. RECEPTACLES ETC. MUST BE EMPITED COMPLETELY TWICE A WEEK.

The sanction refers to the proposed portion shown in red and the Executive Engineers makes no admission as to the correctness of the plan.

OFFICE OF THE EXECUTIVE ENGINEER
BUILDING BOROUGH VII

DATE 1610 7125

THE KOLKATA MUNICIPAL SPORT ON

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THE PROPERTY SERVICES

र विश्वकार है। का का अन्य विश्वकार

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