



Government Of West Bengal
Office Of The Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata - 16

Memo no.:FSR/0125186218701094

Date: 30-12-2021

From:
Director
Fire Prevention Wing,
West Bengal Fire & Emergency Services

To: ANAND NEOTIA , C.A.OF INDIA INDUSTRIAL MISSION
5A, SEALS GARDEN LANE, WARD NO. 1, BOROUGH-01, KOLKATA-700002

Sub: Fire Safety Recommendation for proposed Construction of a Residential Building G+XII (39.95Mt.) and G+XII (39.95Mt.) having two towers connected at roof top for accessibility i.e Tower-1 & Tower-2 under group Residential Building at Premises No. - 5A, Seals Garden Lane, Kolkata-02, Ward No.-01 , Borough-I

This is in reference to your application no. 0125186218701094 dated 18-12-2021 regarding the Fire Safety Recommendation for proposed Construction of a Residential Building G+XII (39.95Mt.) and G+XII (39.95Mt.) having two towers connected at roof top for accessibility i.e Tower-1 & Tower-2 under group Residential Building at Premises No. - 5A, Seals Garden Lane, Kolkata-02, Ward No.-01 , Borough-I

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of plan with recommendation, this is issuing Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the following fire safety measure.

Recommendation:

A. CONSTRUCTION :

- 1)The whole construction of the proposed building shall be carried out as per approved plan drawings conforming the relevant building rules of Local Municipal Building Rules.
- 2)The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specification.
- 3)Provision of ventilation at the crown of the central core duct of the building shall be provided.
- 4)Arrangements shall have to be made for sealing all the vertical & horizontal ducts by the materials of adequate fire resisting capacity.

B. OPEN SPACE & APPROACH :

1)The open space surrounding the building shall confirm the relevant building rules as well as permit the accessibility and maneuverability of fire appliance with turning facility.

2)The approach roads shall be sufficiently strong to withstand the load of fire engine weighting up to 45 M.T.

3)The width and height of the access gates into the premises shall not be less than 5 meter and 5 meter respecting abutting the road.

C. STAIRCASE :

1)The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C type having fire resisting capacity not less than 2 hours.

2)The staircase of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.

3)The width of the staircases shall be made as marked in the plan, corridors and the exit doors shall conforming the relevant building rules with up to date amendments.

4)All the staircases shall be extended up to terrace of the building and shall be negotiable to each other through a connecting Corridor or Lobby.

5)Fire and smoke doors at the entrances of all the staircase enclosure as marked in the plan at each floor level shall be provided. The F.C.D shall be of at least one hour fire resisting wire glass window fitted with self-closing type open able in the direction of escape.

D. LIFT :

1)The walls of the lift enclosure shall be at least two hours fire resisting type.

2)Collapsible gate shall not be permitted.

3)One of the lift of each block shall be designed for fire lift. The word "FIRE LIFT" shall be conspicuously written at ground floor.

E. REFUGE AREA :

1)Refuge area is not less than 15 sq meters shall be provided on the external wall with cantilever projection or other suitable means at floor level i.e At 24.7 Mt./ Tower floor level as well as area 26.51 SqM. shown/ marked in the plan drawing.

2)The refuge area shall be of RCC construction and protected with self closing FCD at the entrance from the corridor or the staircase lobbies.

3)The position of refuge areas shall be such that they are negotiable by the fire service ladder from the ground level & accordingly 6 mtr X 15 mtr area below the Refuge Areas shall be left vacant at all time.

F. BASEMENT (if any) :

1)The basement shall be adequately ventilated.

2)Basement shall not be used for other purpose except car parking.

3)The basement shall be protected Auto Sprinkler System, Hydrant System and Hose Reel System as per requirement.

4)Mechanical extractors shall have an alternative source of supply.

G. FIRE FIGHTING WATER:

Under ground water reservoir water capacity of 100,000 Ltr. capacity and overhead reservoir of 20,000 Ltr. Capacity for each Tower exclusively for firefighting purpose with replenishing arrangements @ 1,000 L.P.M. preferably from two different sources of water supply shall be provided. The Fire Water Reservoir shall have overflow arrangement with the domestic Water Reservoir as well as to avoid stagnancy of water. The water reservoir shall be kept full at all time.

H. HYDRANT SYSTEM :

1)The building shall be provided with wet riser of 100 mm internal diameter pipe line with provision of landing valves at the staircase landings / half landings at the rate of one such riser for 1000 sq.m of floor area. The overhead Reservoir shall be connected with the adequate diameter pipe with wet risers of hydrant of 150 mm diameter pipe line. The system shall be so designed that shall be kept charged with water all the time under pressure and capable to discharge 2280 L.P.M. at the ground floor level outlet and minimum 900 L.P.M. at the top most outlet. In both cases the running pressure shall not be less than 3.5 kg/sq.cm. All other requirements shall conform I.S. 3844-1989.

2)Provision for Hose Reel in conjunction with wet riser shall be made at each floor level. Confirming the relevant I.S. specification.

3) Ring Main Hydrant with provision of adequate numbers Hydrant shall be installed surrounding the building in accordance with relevant I.S. specification.

4)Provision of three way collecting head for uses of Fire services must be provided at the entrance of the building.

5)One set of pumps shall be provided for each 100 hydrants or part thereof, with a maximum of two sets. In case of more than one pump set installation, both pump sets shall be interconnected at their delivery headers. Alternative to provisions of additional set of pumps, the objective can be met by providing additional diesel pump of the same capacity and doubling the water tank capacity as required for one set of pumps.

I. SPRINKLER INSTALLATION :

The automatic sprinkler installation shall be provided in Multipurpose Hall area of the building as per I.S. 9972. Alarm gang to be incorporated along with the sprinkler system.

J. FIRE PUMP :

Provision of the fire pump shall have to be made to supply water at the rate designed pressure and discharge into the water based system which shall be installed in the building. One such pump shall always be kept on stand-by preferably be of diesel driven type and discharge capacity not less than 2280 LPM.

Main Fire Pump having discharge capacity 2280 LPM shall be made for the total water based Installation of the building. Provision of jockey pump @ 180 LPM shall also have to be made to keep the water based system under pressurized condition at all the time. All the Fire pumps shall be incorporated with both manual and auto starting facilities. The suction of pumps shall be of positive type as it is shown / marked in the plan.

K. ELECTRICAL INSTALLATION & DISTRIBUTION :

1. The electrical installation including transformers, switch gears, main & meters etc and the distribution system of the

premises shall be made satisfying the code of practice for Fire Safety in general building as laid down in I.S specifications 1946 - 1982.

2. Minimum clearance of 750mm shall preferably be provided between the transformer or other apparatus and enclosing or separating hall.

3. Transformer room shall be cut off from the other portion of premises by fire resisting walls up to 04 hours fire resistance.

4. Cables shall be clamped immediately below floor level. Each cable or group shall where possible be protected by pipe cover of heat resisting material rising to height of at least 45 cm above floor level or terminating just below cable gland, sealed at the bottom and filled with sand or small pebbles.

5. The cable shall not be routed near hot space where it is unavoidable fire resistance cable shall be used.

6. Lightning arrester shall be provided inside the premises.

7. Power cable and control cable shall run in separate trenches wherever possible.

8. All cable entries in the switch gear room shall be effectively sealed by use of fire stops as per I.S. 12459-1988.

9. All switch gear room shall be kept clear and free from any accumulated debris or flammable materials.

10. Fixed automatic gaseous extinguishing of local application type shall be ideal in switch gear system.

11. The control room shall have 02 hours fire resistance with smoke stop check doors of the same rating.

12. All cable entries /openings in the control room shall be effectively sealed.

13. The A.C system shall be automatically switched off before the extinguishing system is put into operation.

14. Alternative power supply – Arrangements shall have to be made to supply with the help of a generator to operate at least the Fire Pump, Pump for deep tube well, Fire Alarm System, Fire Lift etc. and also for illuminating the staircase, corridors etc. and other places of assembly of the building in case of normal power failure.

L. DETECTION, ALARM AND SUPPRESSION SYSTEM :

1) Manually operated electrical fire alarm system with at least two numbers of break glass type call boxes fitted with hooters along with public address system each floor of each block connecting with audio-visual panel board shall be made in control room. The control room shall be located at the entrance of ground floor of the building, other requirements of the system shall be made conforming I.S. 2189-1988.

2) Auto fire detection system with the help of heat and smoke detector shall be installed in all places of below and preferably above false ceiling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other requirements of the system shall be made in accordance with I.S. 2189-1988

3) The suppression system shall be made with Fire Extinguishers particularly in computer and Electrical processing and data room and in a room of irreplaceable articles.

4) Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will be sounded on the same floor and immediate alternate floor.

5) Public Address System: The system shall be linked between all floors and Control Room.

M. AIR CONDITIONING SYSTEM (IF ANY) :

1) The A.H.U shall be separated for each floor with the system Air Ducts for individual floor.

2) Arrangement shall be made for isolation at the strategies location by incorporating auto damper in the Air Conditioning

System.

3)The system of auto shut down of A.H.U shall be incorporated with the auto detection and alarm system.

4)The air handling unit's room shall not be used for storage of any combustible materials.

N. FIRST AID FIRE FIGHTING SYSTEM :

First Aid Fire fighting arrangements in the style of placing suitable type of portable fire extinguishers, fire buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with I.S.2190-1992.

O. GENERAL RECOMMENDATIONS :

1)Fire License shall have to be obtained from the License section of the Department for proposed storing of highly combustible articles and processing with L.P.G, which come under the per view of License Section.

2)Fire Notice for fire fighting and evacuation from the building shall be prepared and be displayed at a vulnerable places of the building.

3)Floor numbers and directional sign of escape routes shall be displayed prominently within the vicinity of the occupants.

4)The employees and security staff shall be conversant with installed fire fighting equipments of the building and to operate in the event of Fire & Testing.

5)Arrangement shall be made regular checking, testing and proper maintenance of all the fire safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times.

6)A crew of trained fireman under the experienced officer shall be maintained round the clock for safety of the building.

7)Mock fire practice and evacuation drill shall be performed periodically with participation of all occupants of the building.

8)Each year a certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services certifying about the satisfactory services, performance of all the life & fire safety arrangements and installation of the building.

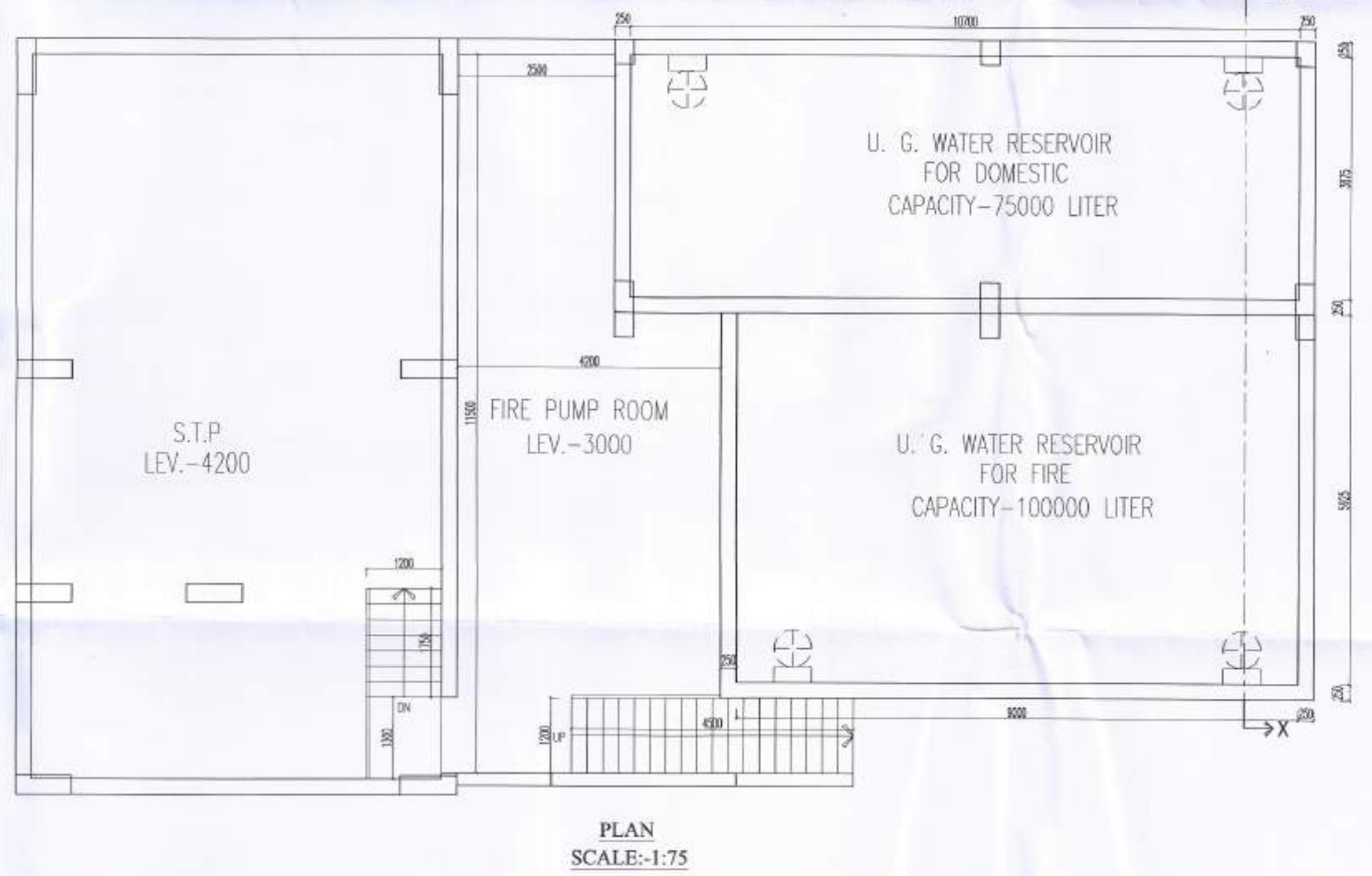
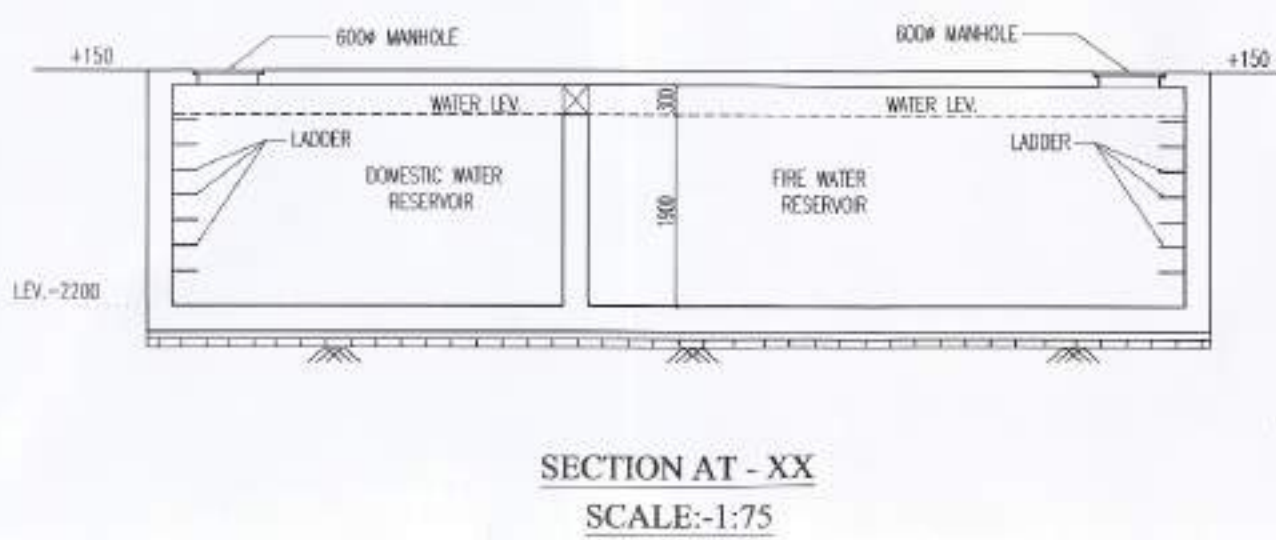
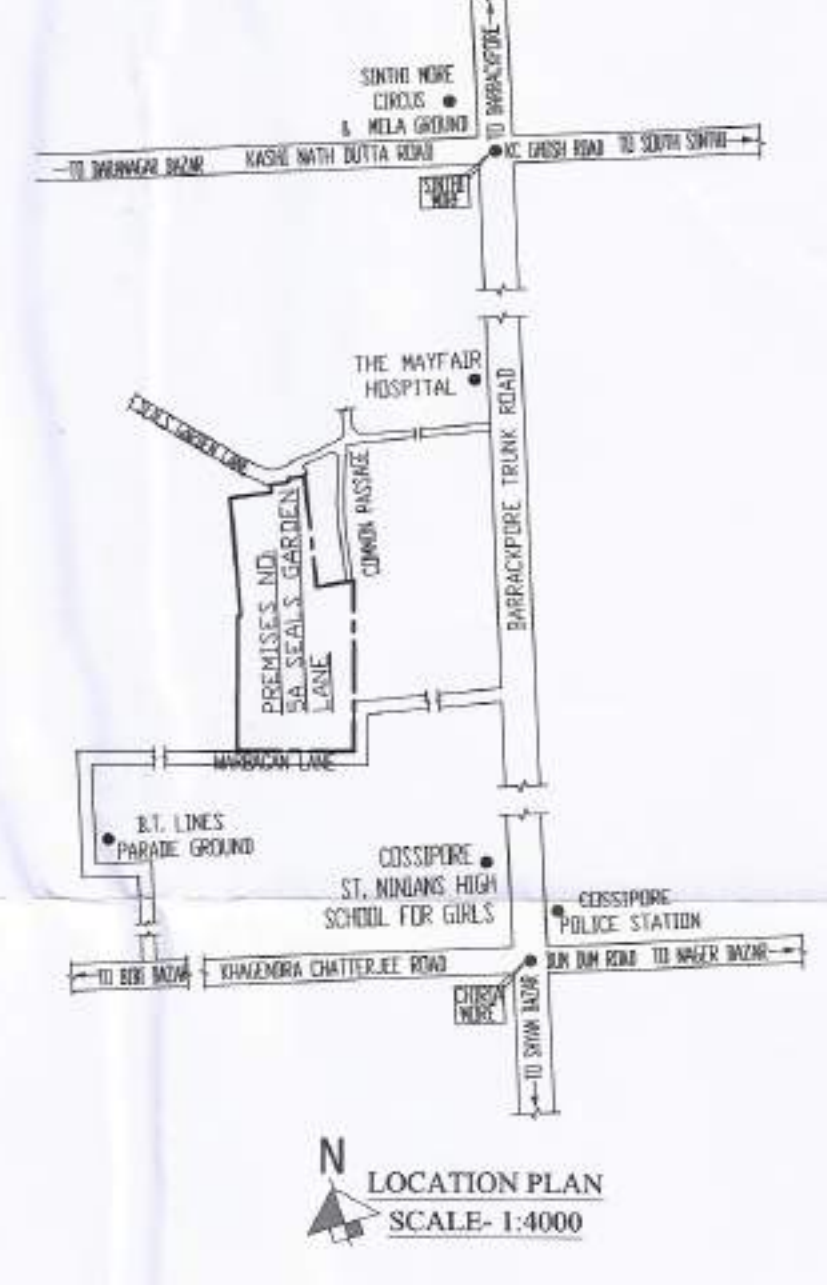
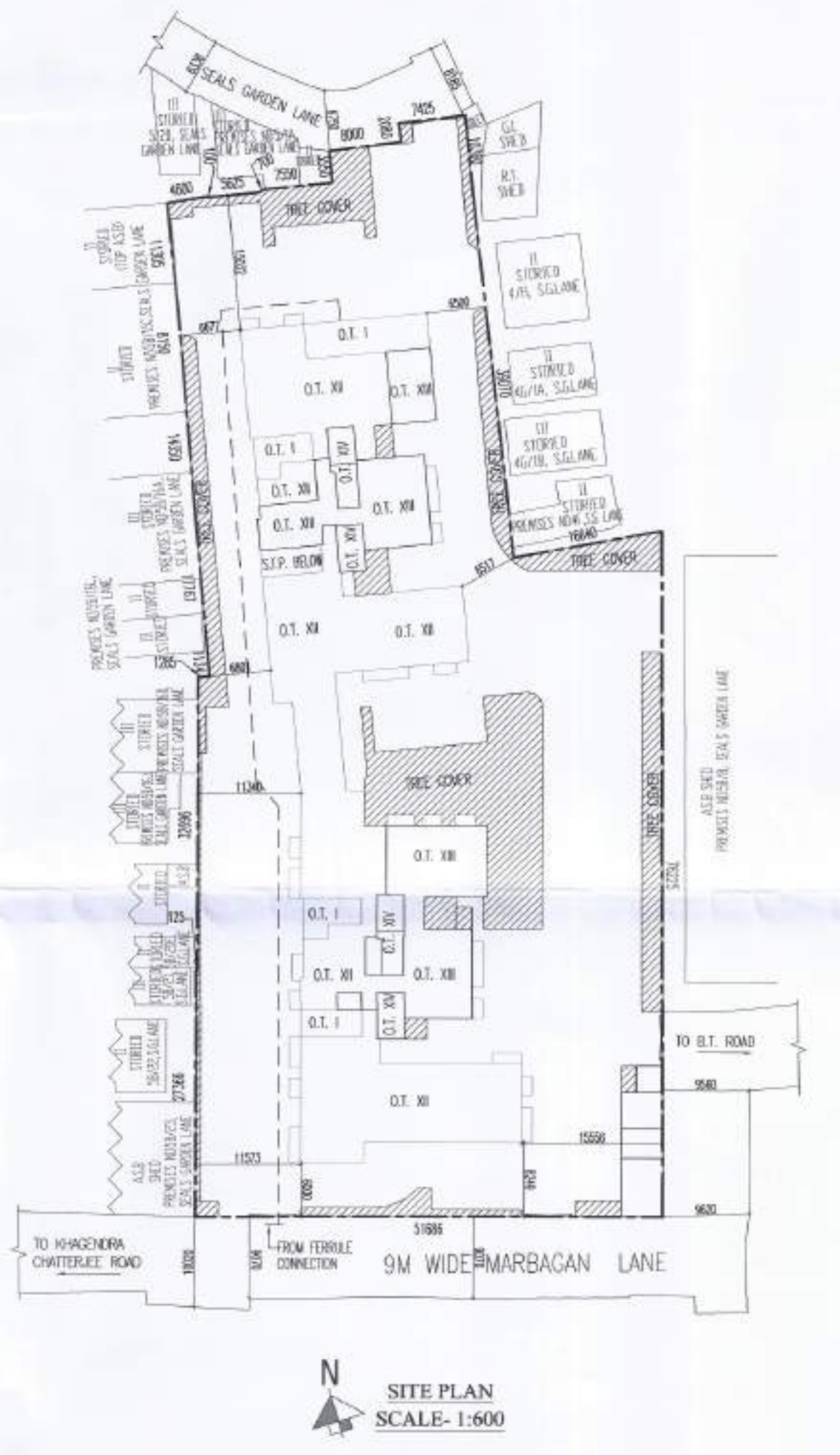
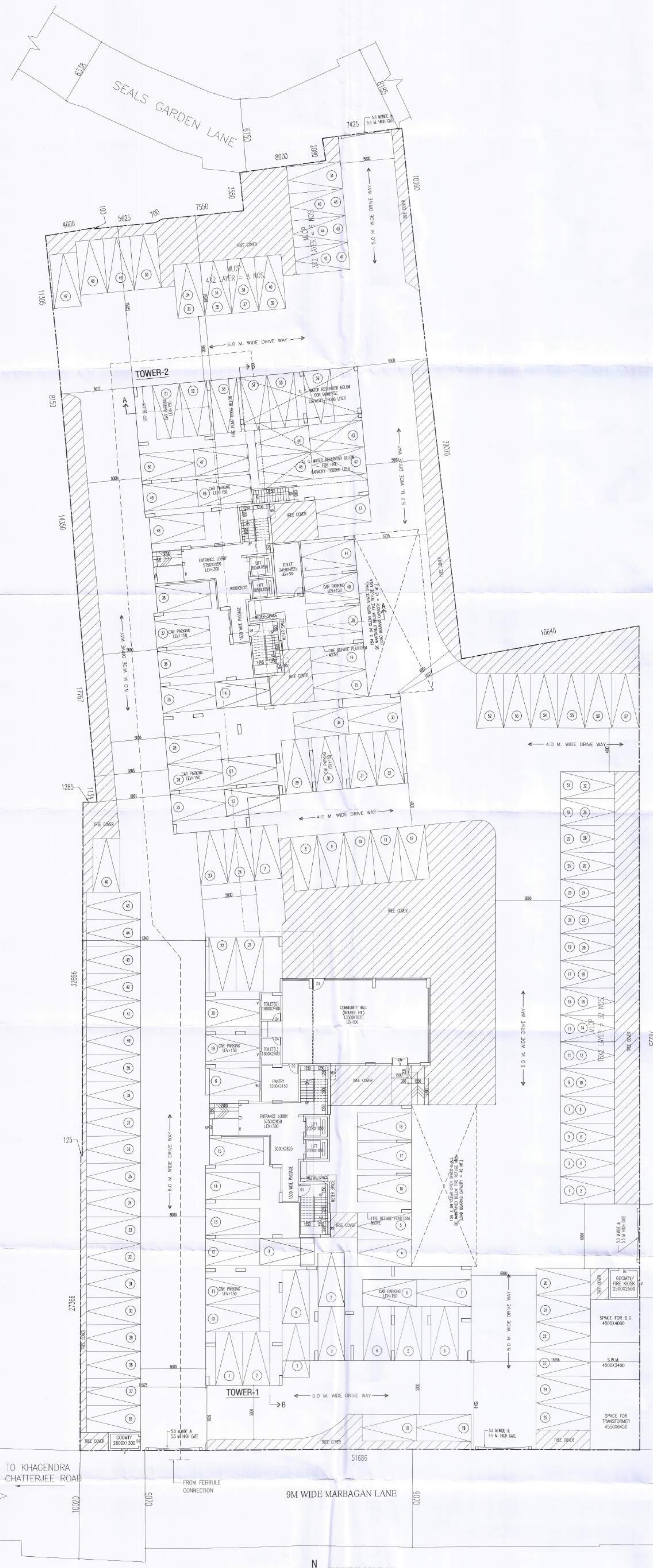
This shall be treated as Fire Safety Recommendation on compliance of all the above fire and life safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

N.B : Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this fire safety recommendation will be treated as cancelled.

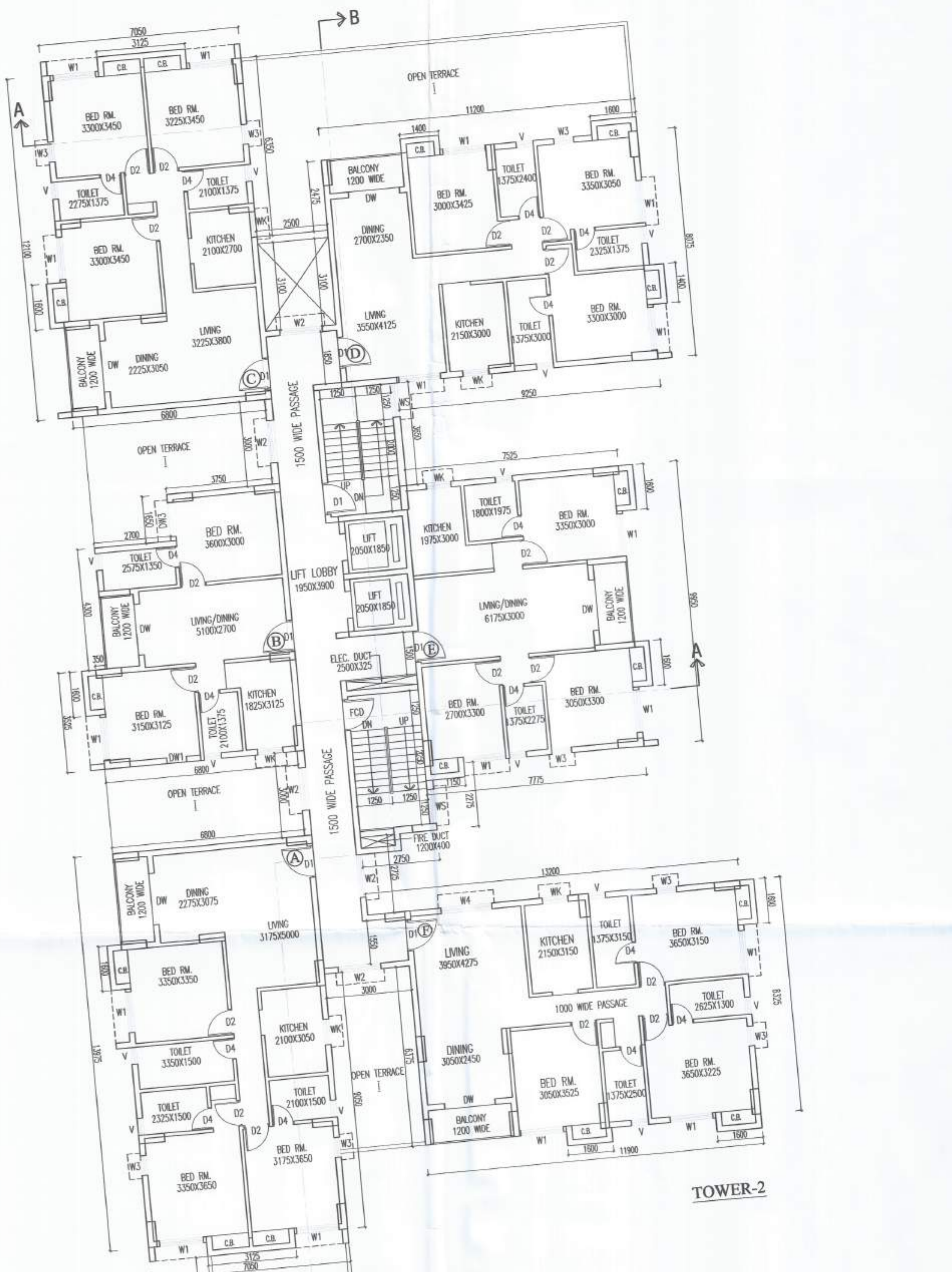
Director
West Bengal Fire & Emergency Services

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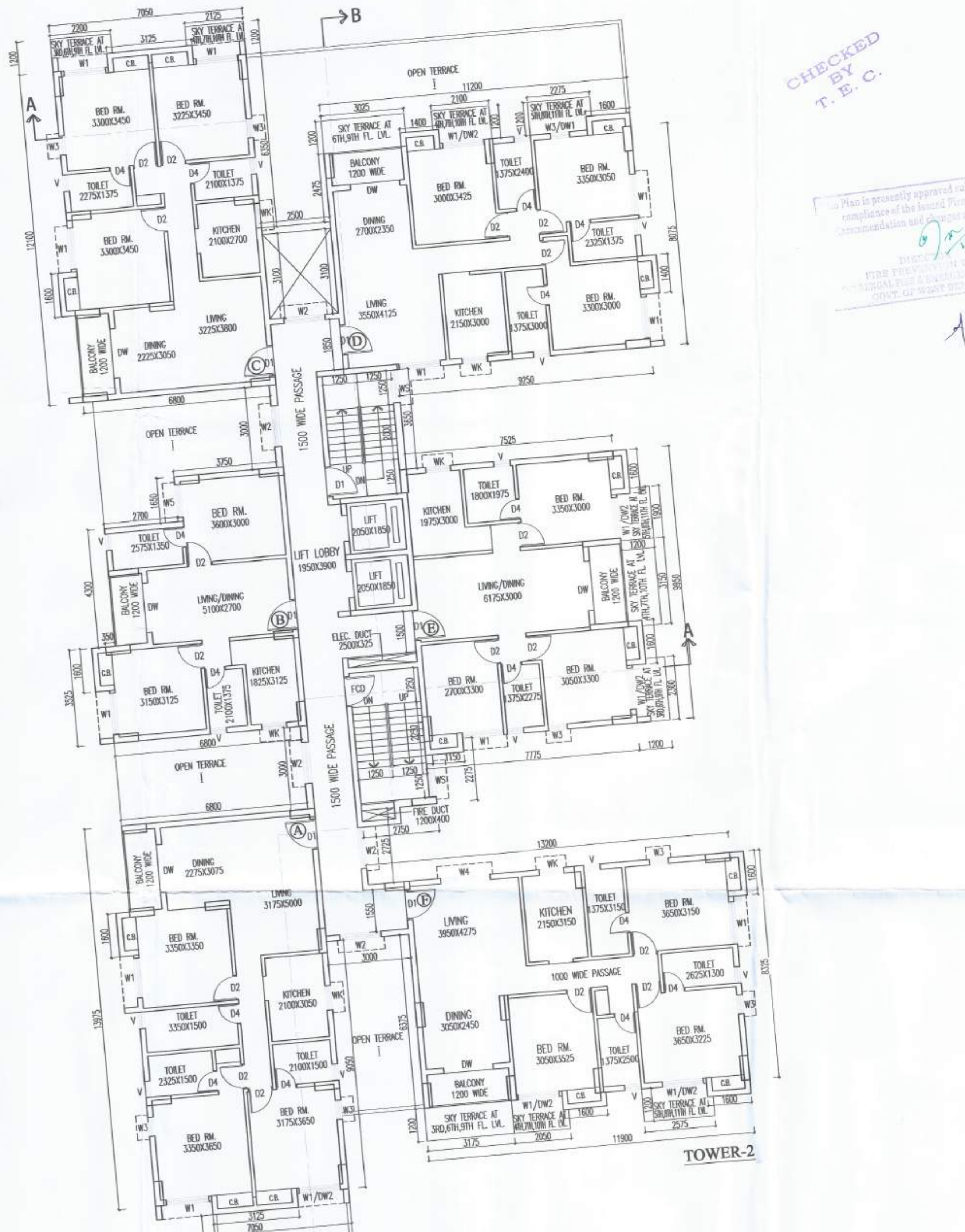
Checked By: T.E.C.
 Date: 10/07/2021
 Govt. of West Bengal



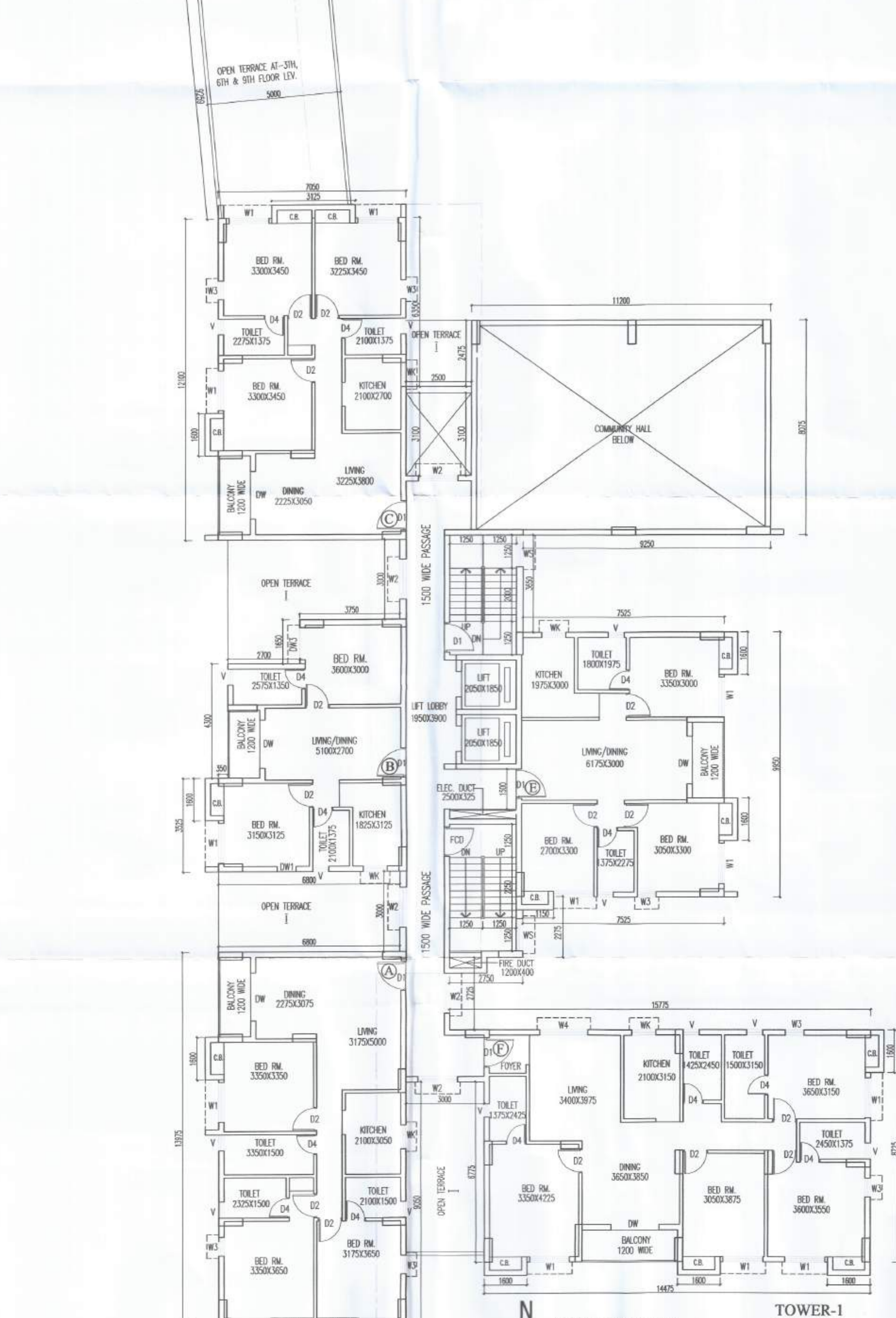
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D-4	2100x1800	10	SQM	37800
D-5	2100x2100	10	SQM	44100
D-6	2100x2400	10	SQM	50400
D-7	2100x2700	10	SQM	56700
D-8	2100x3000	10	SQM	63000
D-9	2100x3300	10	SQM	69300
D-10	2100x3600	10	SQM	75600
D-11	2100x3900	10	SQM	81900
D-12	2100x4200	10	SQM	88200
D-13	2100x4500	10	SQM	94500
D-14	2100x4800	10	SQM	100800
D-15	2100x5100	10	SQM	107100
D-16	2100x5400	10	SQM	113400
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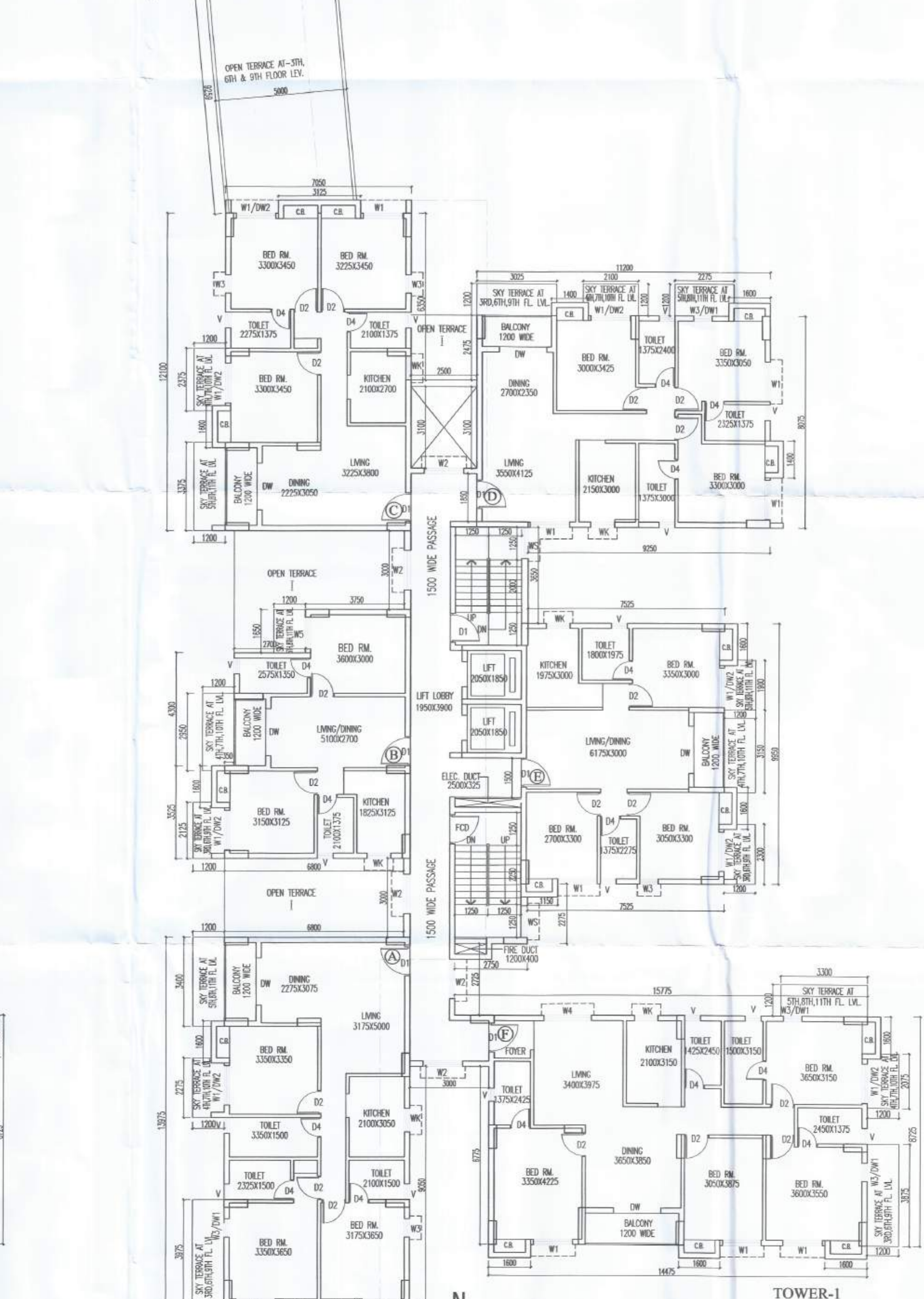
TOWER-1
SCALE: 1:100



TOWER-2
SCALE: 1:100



TOWER-1
SCALE: 1:100



TOWER-2
SCALE: 1:100

CHECKED BY
T. E. C.

This Plan is hereby approved subject to the compliance of the bonded Fire Safety Norms/Standards and as per approved drawings.

FOR PRESENTATION TO THE MUNICIPAL ENGINEER, COASTAL DISTRICT, KOLKATA-20.

A. K. Palit

SCHEDULE OF DOORS & WINDOWS							
TYPE	QTY	UNIT	SIZE	TYPE	QTY	UNIT	SIZE
D1	2		1800x2100	W1	450		2100x1500
D2	2		1800x2100	W2	900		2100x1500
D3	2		1800x2100	W3	450		2100x1500
D4	2		1800x2100	W4	450		2100x1500
D5	2		1800x2100	W5	450		2100x1500
D6	2		1800x2100	W6	450		2100x1500
D7	2		1800x2100	W7	450		2100x1500
D8	2		1800x2100	W8	450		2100x1500
D9	2		1800x2100	W9	450		2100x1500
D10	2		1800x2100	W10	450		2100x1500
D11	2		1800x2100	W11	450		2100x1500
D12	2		1800x2100	W12	450		2100x1500
D13	2		1800x2100	W13	450		2100x1500
D14	2		1800x2100	W14	450		2100x1500
D15	2		1800x2100	W15	450		2100x1500
D16	2		1800x2100	W16	450		2100x1500
D17	2		1800x2100	W17	450		2100x1500
D18	2		1800x2100	W18	450		2100x1500
D19	2		1800x2100	W19	450		2100x1500
D20	2		1800x2100	W20	450		2100x1500

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM.
2. ALL EXTERNAL WALLS 200 THK. & INTERNAL WALLS 125 THK. UNLESS OTHERWISE MENTIONED.
3. ALL MASONRY WORKS ARE BOUNDED BY CEMENT MORTAR (1:6) & (1:4).
4. EXTERNAL PLASTER IS 25 THK. & INTERNAL PLASTER IS 12MM THK. WITH 1:4 MORTAR.
5. ALL CONCRETE GRADE IS M20 (1:1.5:3).
6. ALL WARDROBES ARE 500 MM WIDE.

DISCLAIMER

THE DIMENSIONS WHICH ARE SHOWN IN THE SANCTION PLAN (OR SALE DRAWING) APPROVED BY THE AUTHORITIES ARE BASE ARCHITECTURAL DIMENSIONS. PHYSICAL DIMENSION POST FINISHING WILL REDUCE DUE TO FINISHES SUCH AS PLASTER, POP, FLOORING ETC. RESULTING SOME REDUCTION IN CARPET AREA.

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREIN. IT IS CERTIFIED 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 & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

SIGNATURE OF GEOTECH ENGINEER

1. I ENGAGED ARCHITECT AND L&E DURING CONSTRUCTION
 2. I FOLLOWED THE INSTRUCTIONS OF ARCHITECT AND L&E DURING CONSTRUCTION OF THE BUILDING.
 3. I AM AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY BUILDING AND ADJOINING STRUCTURE.
 4. IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE THE I&E AUTHORITY MAY REVOKE THE SANCTION PLAN.
 5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & L&E.

CERTIFICATE OF ARCHITECT

THE I.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE AND NOT A FILL UP TANK.

SIGNATURE OF OWNER

ANAND NEOTIA
 Architect
 THE MEDIA PROFESSIONAL MISSION

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL
 Architect
 Member of Council of Architects CA/94/17940

SIGNATURE OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING/BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGNATURE OF STRUCTURAL REVIEWER

SANJIV J. PAREKH
 ENROLLMENT NO. :- E.S.E. 1 (104)
 ADDRESS:-
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

TITLE

1ST FLOOR PLAN, TYPICAL (2ND TO 7TH & 9TH TO 10TH) FLOOR PLAN

PROJECT

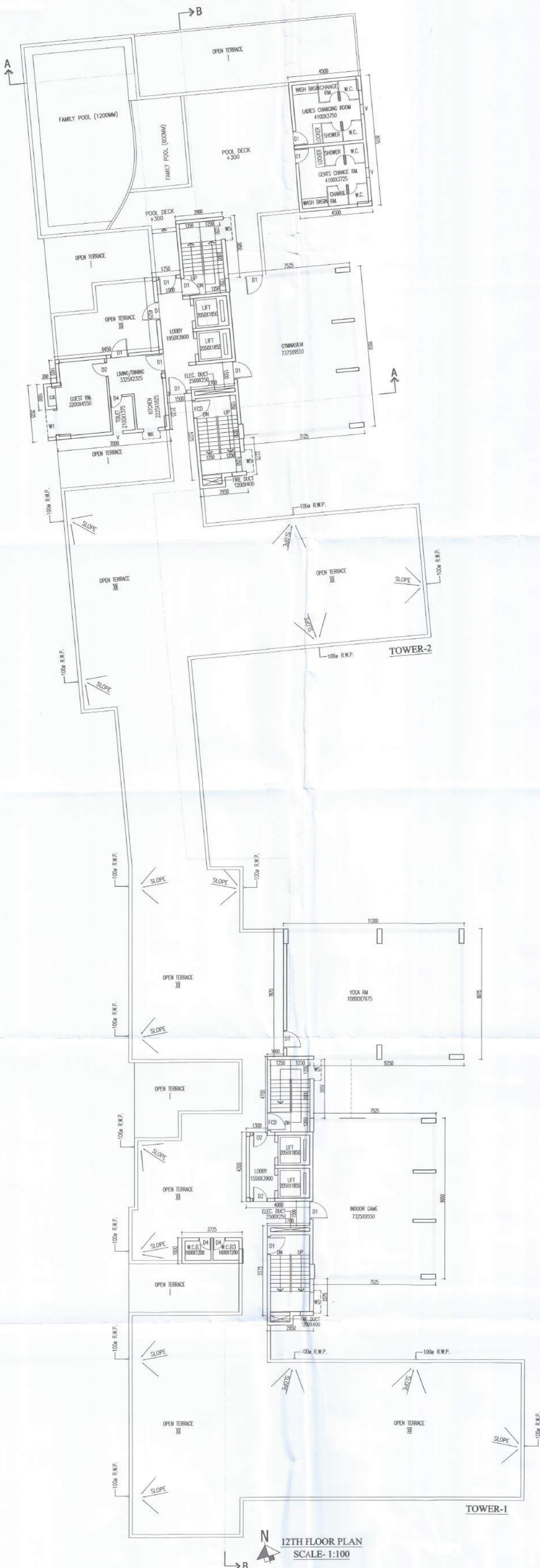
PROPOSED G+XII (39.95 M HT) STORED RESIDENTIAL BUILDING AT PREMISES NO. NO.-54, SEALS GARDEN LANE, KOLKATA-02 WARD NO. - 01, BOBOUGH - 1

SCALE

1:100

ARCHITECT

RAJ AGARWAL & ASSOCIATES
 88, RDP STREET, CALCUTTA - 16



12TH FLOOR PLAN
SCALE: 1:100



ROOF PLAN
SCALE: 1:100

TYPE	SILL	UNIT	SIZE	TYPE	SILL	UNIT	SIZE
D1	- 7100	1600x2100	WS	450	2100	1500x1900	
D2	- 7100	1100x2100	WS	900	2100	1500x1900	
D3	- 7100	800x2100	WS	450	2100	2000x1650	
D4	- 7100	2000x1900	WF	450	1900	1800x1650	
D5	- 7100	1800x2100	WS	450	2100	1000x1650	
D6	- 7100	700x2100	WS	1050	2100	800x1650	
D7	- 7100	1600x2100	WF	900	2100	1000x1650	
D8	- 7100	1800x2100	V	1200	2100	600x950	
D9	- 7100	1100x2100					

GENERAL NOTES
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 2. ALL EXTERNAL WALLS 200 THK. & INTERNAL WALLS 125 THK. UNLESS OTHERWISE MENTIONED.
 3. ALL MASONRY WORKS ARE BOUNDED BY CEMENT MORTAR (1:6) & (1:4).
 4. EXTERNAL PLASTER IS 25 THK. & INTERNAL PLASTER IS 12MM THK. WITH 1:4 MORTAR.
 5. ALL CONC. GRADE IS M20 (1:1.5:3).
 6. ALL WARDROBES ARE 500 MM. WIDE.

CHECKED BY
T. E. C.

This Plan is presently approved subject to compliance of the approved Recommendations and conditions.

Signature: A. Pattanayak

DISCLAIMER
 THE DIMENSIONS WHICH ARE SHOWN IN THE SANCTION PLAN (OR SALE DRAWING) APPROVED BY THE AUTHORITIES ARE BARE ARCHITECTURAL DIMENSIONS. PHYSICAL DIMENSION POST FINISHING WILL REDUCE DUE TO FINISHES SUCH AS PLASTER, POP, FLOORING ETC, RESULTING SOME REDUCTION IN CARPET AREA.

UNDERSTANDER HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED 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 & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

SIGNATURE OF GEOTECH ENGINEER

- I ENGAGED ARCHITECT AND E.S.E. DURING CONSTRUCTION
- I FOLLOWED THE INSTRUCTIONS OF ARCHITECT AND E.S.E. DURING CONSTRUCTION OF THE BUILDING.
- K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING AND ADDING STRUCTURE.
- IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE THE K.M.C. AUTHORITY MAY REVOKE THE SANCTION PLAN.
- THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & E.S.E.

ANAND NEOTIA
 ANAND NEOTIA
 CONSTITUTED ATTORNEY OF THE BIDA INDUSTRIAL MISSION

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT
 THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ADJUTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP TANK.

Rajkumar Agarwal
 Architect
 Member of Council of Architects CA/91/17940

SIGNATURE OF ARCHITECT
 RAJ KUMAR AGARWAL
 COUNCIL REGISTRATION NO. CA/91/17940
 ADDRESS:
 RAJ AGARWAL & ASSOCIATES
 8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, THE STRUCTURAL DRAWING & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING/ BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGNATURE OF STRUCTURAL ENGINEER
 SANJIB GUHA
 ENROLLMENT NO. :- E.S.E. 1 (104)
 ADDRESS:
 34 RAMCHANDR DUTTA ROAD,
 KOLKATA-20.

SIGNATURE OF STRUCTURAL REVIEWER
 SANJIB GUHA
 E.S.R. (1/88/16)
 ADDRESS:
 34 RAMCHANDR DUTTA ROAD,
 KOLKATA-20.

TITLE
 12TH FLOOR PLAN, ROOF PLAN

PROJECT
 PROPOSED G+XII (39.95 M. HT.) STORED RESIDENTIAL BUILDING AT PREMISES NO. NO-5A, SEALS GARDEN LANE, KOLKATA-02 WARD NO. - 01, BOROUGH - 1

DATE	REV. NO.	DESCRIPTION	BY	CHECKED	SHEET NO.
14.12.21	01	REVISED	RAJ	RAJ	4 OF 8

SCALE: 1:100 ARCHITECT

RAJ AGARWAL & ASSOCIATES
 8B, ROYD STREET, CALCUTTA - 16

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	UNTEL	SIZE	TYPE	SILL	UNTEL	SIZE
D	-	2100	1800x2100	W1	450	2100	1500x1850
D1	-	2100	1100x2100	W2	900	2100	1500x1200
D2	-	2100	900x2100	W3	450	2100	700x1850
D3	-	2100	750x2100	W4	450	2100	1500x1850
D4	-	2100	1800x2100	W5	450	2100	1200x1850
D5	-	2100	700x2100	W6	1050	2100	900x1850
D6	-	2100	1500x2100	W7	900	2100	1200x1850
D7	-	2100	1200x2100	W8	1200	2100	600x900
D8	-	2100	1100x2100				

GENERAL NOTES
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 5. ALL CONC. GRADE IS M200 (1:1.5:3).
 6. ALL WARDROBES ARE 500 MM. WIDE.

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SIGNATURE OF GEOTECH ENGINEER

1. I ENGAGED ARCHITECT AND ESE DURING CONSTRUCTION
 2. I FOLLOWED THE INSTRUCTIONS OF ARCHITECT AND ESE DURING CONSTRUCTION OF THE BUILDING.
 3. KNC AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING AND ADDING STRUCTURE.
 4. IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE THE KNC AUTHORITY MAY REVOKE THE SANCTION PLAN.
 5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & ESE

ANAND NEOTIA
 Constituted Attorney of THE INDIA INDUSTRIAL MISSION

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT

THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN AND IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP TANK.

Rajkumar Agarwal
 Architect
 Member of Council of Architecture CA / 94 / 17940

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL
 COUNCIL REGISTRATION NO. CA/94/17940
 ADDRESS:
 RAJ AGARWAL & ASSOCIATES
 88, ROYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, THE STRUCTURAL DRAWING & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING/ BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGNATURE OF STRUCTURAL ENGINEER

SANJIV J. PABRIKI
 ENROLLMENT NO. -E.S.E. 1 (104)
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

SIGNATURE OF STRUCTURAL REVIEWER

SANJIV DUTTA
 E.S.R. (1/88/16),
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

TITLE
 FRONT ELEVATION, SECTION AA

PROJECT

PROPOSED G+XII (39.95 M. HT.) STORED RESIDENTIAL BUILDING AT PREMISES NO. NO-5A, SEALS GARDEN LANE, KOLKATA -02 WARD NO. - 01, BOROUGH - 1

DATE	DRG NO	SCALE	CHECKED	SHEET NO
14.12.21	ARCH/225/2021	1:100	RAJ	3 OF 9

ARCHITECT
 RAJ AGARWAL & ASSOCIATES
 88, ROYD STREET, CALCUTTA - 16



FRONT ELEVATION
 SCALE- 1:100



SECTION AT - AA
 SCALE- 1:100

CHECKED BY
 T. E. C.

The Plan is previously approved subject to compliance of the Local Authority Recommendations and Regulations.
 WEST BENGAL GOVT. OF WEST BENGAL, GOVT. OF WEST BENGAL.

[Handwritten Signature]

