51574

AREA OF SMALL SCALE INDUSTRIES

PLANTATION LIST

SYMB.	BOTANICAL NAMES	COMMON NAMES	QTY	UNIT	SPACING
	TREE				
1	TERMINALIA CATAPPA	BADAM	10	NOS	2.5 M C/C
2	TERMA ORIENTALIS	PIGEON WOOD	25	NOS	2.5 M C/C
3	PELTOPHORUM PTEROCARPUM	RADHACHURA	10	NOS	2.5 M C/C
4	SPATHODEA CAMPANULATA	AFRICAN TULIP TREE	15	NOS	2.5 M C/C
5	HOLARRHENA ANTIDYSENTERICA	KURCHI	30	NOS	2.5 M C/C
6	TABEBUIA ROSEA	ROSY TRUMPET TREE	20	NOS	2.5 M C/C
7	ACACIA AURICULIFORMIS	AKASHMONI	30	NOS	2.5 M C/C
8	AZADIRACHTA INDICA	NEEM TREE	30	NOS	2.5 M C/C
9	BAUHINIA VARIEGATA	KANCHAN	30	NOS	2.5 M C/C
10	SARACA INDICA	ASHOKA	30	NOS	2.5 M C/C
11	CARYOTA URENS	FISHTAIL PALM	30	NOS	2.5 M C/C
12	BUTEA MANOSPERMA	PALASH	30	NOS	2.5 M C/C
13	FICUS RELIGIOSA	PEEPAL TREE / ASHWATTHA	5	NOS	2.5 M C/C
14	DELONIX REGIA	GULMUHAR	15	NOS	2.5 M C/C
15	SWIETENIA MACROPHYLLA	MAHAGONY	20	NOS	2.5 M C/C
16	CASIA FISTULA	AMLATASH / GOLDEN SHOWER	30	NOS	2.5 M C/C
17	NYCTANTHES ARBOTRISTIS	SHEULI	30	NOS	2.5 M C/C
18	LAGERSTROEMIA SPECIOSA	JARUL	30	NOS	2.5 M C/C
19	FICUS BENJAMINA	BANYAN	5	NOS	2.5 M C/C
20	POYALTHIA LONGIFOLIA	DEBDARU	70	NOS	2.5 M C/C
21	THESPESIA POPULNEA	HABUL	15	NOS	2.5 M C/C
22	ARTOCARPUS HETEROPHYLLUS	KANTHAL	20	NOS	2.5 M C/C
23	ALSTONIA SCHOLARIS	CHATIM	30	NOS	2.5 M C/C
24	SCHLEICHERA OLEOSA	KUSUM	10	NOS	2.5 M C/C
25	SYZYGIUM CUMINI	JAMUN	10	NOS	2.5 M C/C
26	MANGIFERA INDICA	MANGO	10	NOS	2.5 M C/C
27	MICHELIA CHAMPACA	CHAMPA	10	NOS	2.5 M C/C
		TOTAL NOS. OF TREES	600		

LANDUSE STATEMENT

		AREA(SQM.)	% OF PHYSICAL LAND AREA	
1	LAND AREA (AS PER DEED)	23377.680		
2	LAND AREA (AS PER PHYSICAL)	22372.598	100.000	
3	GROUND COVERAGE	7815.475	34.933	
4	EXCLUSIVE TREE PLANTATION AREA	4722.484	21.108	(20.20% OF AS PER DEED)
5	OTHER GREEN AREA	773.847	3.459	
6	ROAD AREA	5173.988	23.126	
7	SEMI PAVED AREA	533.670	2.385	
8	OPEN PARKING AREA	1866.212	8.342	
9	SERVICE AREA	1115.315	4.985	
10	OPEN AREA	371.607	1.661	
		22372.598	100.000	

SPECIFICATIONS:-

7. OTHERS ITEM ARE AS PER I.S. SPECIFICATION.
8. FLY ASH AND FLY ASH BASED MATERIALS ARE TO BE USED FOR CONSTRUCTION AS PER NOTIFICATION NO. S.O.763(E) DATED 14.09.1999 AMENDED VIDE NOTIFICATION NO.S.O. 979 (E) DATED 27.08.2003, S.O. 2804(E) DATED 03.11. 2009 AND S.O. 254 (E) DATED 25.01.2016 OF THE MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA.
9. SOLAR ENERGY SHALL BE INSTALLED TO MEET ELECTRICITY GENERATION EQUIVALENT TO AT LEAST 1% OF THE CONNECTED LOAD OR AS PER THE STATE /LOCAL BUILDING BYE-LAWS REQUIREMENT, WHICHEVER IS HIGHER.
10. SOLID WASTE MANAGEMENT AREA - 50.00 SQM (TOTAL SOLID WASTE GENERATION IS - 560 KG/DAY)

TENEMENT CALCULATION:-

	TOWER	REHB.	TOTAL	BHK
NO. OF TENEMENTS :	260 NOS	160 NOS.	420 NOS	
SIZE OF TENEMENTS :				
a)100 SQM - 200 SQM.	4 NOS.			(3BHK)
b)200 SQM - 400 SQM.	254 NOS.			(4BHK)
c) ABOVE 300 SQM. (DUPLEX)	2 NOS.			(4BHK)
d) 50 SQM. - 75 SQM.	160 NOS.			(2BHK)

TOTAL RESIDENT'S AMENITY AREA = 1520.555 SQM.

NOTES : -

1. AEC BLOCK-WORK WILL BE USED FOR INTERIOR AND EXTERIOR WALLS. SAME CONTAINS FLYASH ALONG WITH CEMENT AND OTHER INGREDIENTS. APART FROM THAT, FLY-ASH WILL ALSO BE USED FOR CONCRETING WORKS BY MIXING WITH CEMENT AS PER DESIGN MIX.
2. THERE IS NO NATURAL WATER BODY (POND) IN THE PLOT.
3. TREE SPECIES DETAIL WILL BE AS PER TREE PLANTATION DRAWING.
4. 1 NOS. RAIN WATER HARVESTING TANK HAVING CAPACITY - 325 CUM IS PROVIDED FOR THIS PART OF THE PROJECT.
5. 2 NO. STP HAVING CAPACITY - 245 KLD (FOR TOWER) & 120 KLD(FOR REHABILITATION) IS PROVIDED AND IS CAPABLE OF HANDLING DEMANDS OF PROPOSED CONSTRUCTION
6. FOR DETAILS OF LANDUSE STATEMENT FOR TOTAL PROJECT, REFER TO LANDUSE DRAWING.

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 OF VIEW

JISHNU PAL
B.Tech (Civil), M.E (Geo-tech)
KMC Reg. No: G.T/I/32
GTER/NKDA/10/0043
22/RJSON/G-T-I/2016-17
HMC Reg. No: EGTE/CLASS-I/15

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.

SUMITA DEY
M.C.E, M.I.E., C.E.
ESE/I/93

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.

UTPAL SANTRA
B. C. E., M. C. E. (STRUCT.)
F. I. E.- F1212601
KMC Empanelled Structural Reviewer
Class - 1, E. S. R - (I) 58/10

SIGN. OF STRUCTURAL REVIEWER.

CAR PARKING CALCULATION :-

REQUIRED FOR REHABILITATION BLOCK	- 44 NOS.
TOTAL REQUIRED PARKING	- 580 NOS.
TOTAL PROVIDED PARKING	- 616 NOS.
BASEMENT (TOWER BL.)	- 194 NOS.
COVERED (GROUND FL.) (171+40)	- 211 NOS.
OPEN (GROUND FL.) (INCL. 130 NOS. MECHA. CAR PARKING)	- 211 NOS.

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.

For Kolkata Metropolitan Development Authority

(Hari Prasad Sharma)
Constituted Attorney

SIGNATURE OF OWNER.

I HEREBY CERTIFY THAT THE ERECTION OF BUILDING ON PREMISES NO. P-1/3 C.I.T.SCHEME (VII - M), KOLKATA-700054, 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.

SUBIR KUMAR BASU
Registered Architect
Regn. No.- CA/78/4375

SIGNATURE OF ARCHITECT.

PROJECT-

PROPOSED ADDITION OF 4 NOS. FLOOR (HT.-110.1 M.) OVER AN EXISTING B+G+27 STORIED(3 NOS TOWERS) RESIDENTIAL BUILDING WITH PODIUM AND G+V & G+VI STORIED REHABILITATION BLOCK U/S 394 OF K.M.C. ACT1980 READ WITH 69A(I)(a). ALONG WITH U/R 26(2a)&(2b)OF K.M.C. BUILDING RULE 2009 AT PREMISES NO. P-1/3 C.I.T. SCHEME (VII - M), MANICKTALA, WARD - 32, BOROUGH -III, KOLKATA -700 054.

PREVIOUS B.P. NO. 2012030110, DATED 23.03.13. SUBSEQUENTLY REVALIDATED FURTHER 5 YEARS

ARCHITECTS:-

Subir Kumar Basu
4, Brood Street, kolkata - 700019
(T) +91 33 22870333, (F) +91 33 22833043
(E) basu_subirkumar@yahoo.com

Discipline:	ARCHITECTURAL		
Drawing Title:	MASTER PLAN SHOWING GROUND FLOOR, SITE PLAN, LOCATION PLAN		
Designed:	Drawn: D.PAL	Checked: R.BASU	Approved: S. K. BASU
Drawing No: SKB/MANI/MANICKTALA/ARC/KMC/MS/02	Sheet size & Scale: A0 & 1:250	Sheet NO. 2	
N	Rev. 0	Date 15/11/2021	

02

PARTY'S COPY

Plan for Water Supply arrangement including SEMILI G. & O. H. reservoirs should be submitted at the Office of the Ex-Engineer Water Supply and the sanction obtained before proceeding with the work of Water Supply any deviation may lead to disconnection/demolition.

No rain water pipe should be fixed or discharged on Road or Footpath. Drainage plan should be submitted at the Borough Executive Engineer's Office and the sanction obtained before proceeding with the drainage work.

A suitable pump has to be provided i.e. pumping unfiltered water for the distribution to the flushing cisterns and urinals in the building incase unfiltered water from street main is not available.

THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
No. 2023030053
Date 13-10-2023 Borough No. 14
Ex. Engineer / Asst. Engineer
Bor. No. 14 Bor. No. 14
★ BUILDING DEPARTMENT ★

Recommended in M. B. C
Meeting No. 615
Item No. 10/23-24
Dated 13-04-2023

DEVIATION WOULD MEAN DEMOLITION

Design of all Structural Members including that of the foundation should conform to Standards specified in the National Building Code of India

All Building Materials to necessary & construction should conform's to standered specified in the National Building Code of India.

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED U/S 496 (1) & (2) OF CMC ACT 1980 IN SUCH MANNER SO THAT ALL WATER COLLECTION & PARTICULARLY LIFT WELLS, VATS, BASEMENT CURING SITES, OPEN RECEPTACLES ETC MUST BE EMPITED COMPLETELY TWICE A WEEK

The building materials that will be stacked on Road/Passage or Foot-path beyond 3-months or after construction of G. Floor, whichever is earlier may be seized forthwith by the K.M.C. at the cost and risk of the owner.

Before starting any Construction the site must conform with the plans sanctioned and all theconditions as proposed in the plan should be fulfilled.

The validity of the written permission to execute the work is subject to the above conditions.

THE SANCTION IS VALIED UP TO 12-10-2028

APPROVED BY H.B.C
Dated 13-04-2023

No:- 8/13/B/23-24 dt:- 13-10-2023

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPTT.
PLANS APPROVED U/R 26 (2a) & (2b) of C.M.C. BUILDING RULES-1999 2009
B.P. No. 2023030110 Br. No. 14 Dt. 13-10-2023
Assistant Engineer Br. No.: 14
Ex. Engr. (Civil) Br. No.: 14

Non Commencement of Erection/ Re-Erection within Five year will Require Fresh Application for Sanction

Approved subject to Compliance of requisition of West Bengal Fire Services, if any.

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

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

Building D[illegible]ment
Borough-III, K.M.C.
Date 13.10.23 Sign. (Signature)
Contents Not Verified