...ensing the work is subject to the above

condition.

ORIGINAL COPY

UM/BLDG/PLAN NO. ST L.../23.2.2020

APPARTMENT BUILDING

Before starting any construction the must confarm with the prime specification and all the Conditions as proposed in the plan should be fulfilled.
The validity of the written permission to execute the work is subject to the above condition.

Keep a minimum clear distance between the boundary line & outside of the building as per Municipal Act & as per sanction plan.

Approved by the C-in-C in the building Meeting held on 28.2.2020
Valid up to 27.2.2023

Sub-Assistant Engineer
Uluberia Municipality

Assistant Engineer
ULUBERIA MUNICIPALITY

Chairperson
Board of Administrator
Uluberia, Municipality

SCHEDULE OF COLUMN FOOTING *

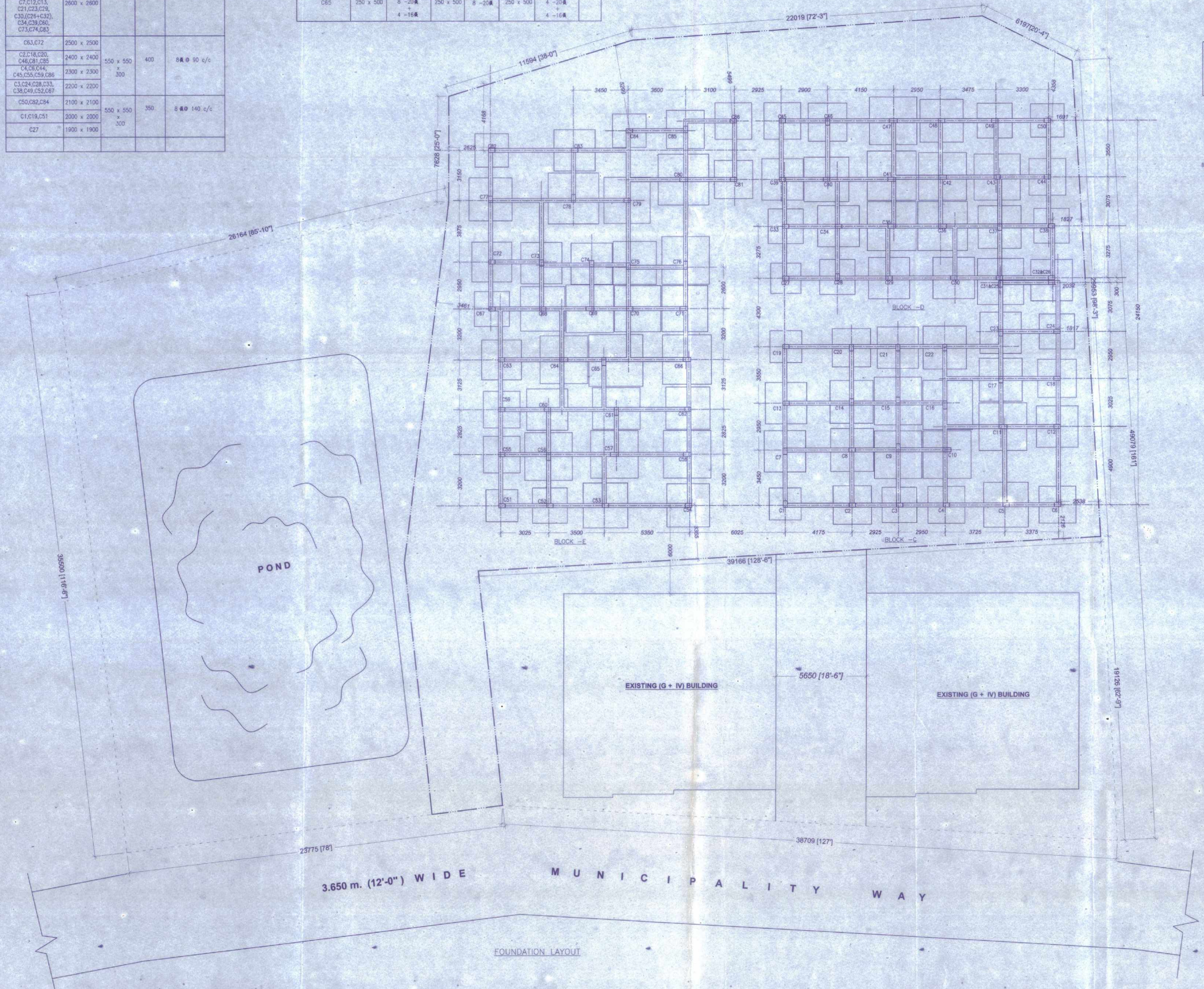
COLN. MKD.	SIZE OF FOOTING	SIZE OF PEDESTAL	THK. OF FOOTING SLAB	REINFORCEMENT BOTH DIRECTION
C18, C35, C36 C41,C66	3100x3100	850 x 650 x 300	450	10#@75 c/c
C78, C80, C83	3200x3200			
C65	3400 x 3400			
C9,C10,C11, C15,C42,C47, C56,C57,C58, C61,C64,C69,C76	3000 x 3000	650 x 650 x 300	450	8#@75 c/c
(C25+C31),C43,C70, C71,C79	2900 x 2900			
C5,C40,C53,C62,C68	2800 x 2800			
C8,C14,C17, C22,C37,C48,C54, C75,C77	2700 x 2700			
C7,C12,C13, C21,C23,C29, C30,(C26+C32), C34,C39,C60, C73,C74,C83	2600 x 2600			
C63,C72	2500 x 2500			
C2,C16,C20, C46,C81,C85	2400 x 2400	550 x 550 x 300	400	8# @ 90 c/c
C4,C6,C44, C45,C55,C59,C66	2300 x 2300			
C3,C24,C28,C33, C38,C49,C52,C67	2200 x 2200			
C50,C82,C84	2100 x 2100	550 x 550 x 300	350	8 #@ 140 c/c
C1,C19,C51	2000 x 2000			
C27	1900 x 1900			

SCHEDULE OF COLUMN

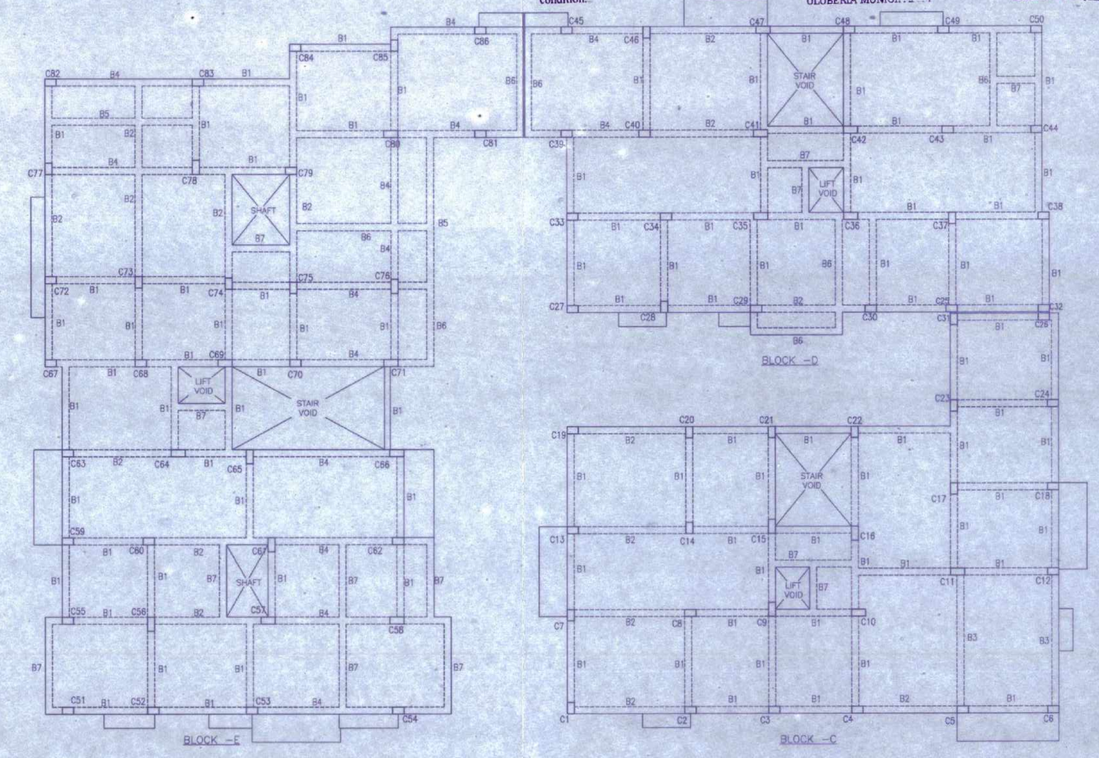
COLN. MKD.	FOUNDATION TO 2ND FL. SIZE	FOUNDATION TO 2ND FL. REINF.	2ND FL. TO 4TH FL. SIZE	2ND FL. TO 4TH FL. REINF.	4TH FL. TO ROOF LEVEL/ STAIR ROOF LEVEL SIZE	4TH FL. TO ROOF LEVEL/ STAIR ROOF LEVEL REINF.	LATERAL TIE 8 # @
C1, C2, C3,C4, C5, C18,C19, C20,C25,C26, C27,C28,C29,C31, C32,C33,C38, C44,C45,C46, C49,C50,C51, C52,C55,C59, C67,C81,C82, C84,C85,C86	250x400	4 -20# + 4 -16#	250x400	4 -16# + 4 -12#	250x400	4 -16# + 2 -12#	2L -8# @ 190 c/c
C7,C12,C13, C21,C23,C29, C30,C34,C39, C60,C63,C72, C73,C74,C75,C83	250x400	4 -20# + 4 -16#	250x400	8 -16#	250x400	4 -16# + 2 -12#	
C5,C8,C14, C17,C22,C37, C40,C43,C48, C53,C54,C62, C68,C70,C77,C79	250 x 400	8 -20#	250 x 400	4 -20# + 4 -16#	250 x 400	4 -16# + 4 -12#	
C9,C10,C11, C15,C42,C47, C56,C57,C58, C61,C64,C69, C71,C76	250 x 500	4 -20# + 4 -12#	250 x 500	4 -16# + 4 -12#	250 x 500	4 -16# + 2 -12#	
C16,C35,C36, C41,C66,C78,C80	250 x 500	8 -20#	250 x 500	4 -20# + 4 -16#	250 x 500	8 -16#	
C65	250 x 500	8 -20# + 4 -16#	250 x 500	8 -20#	250 x 500	4 -20# + 4 -16#	

SCHEDULE OF BEAM

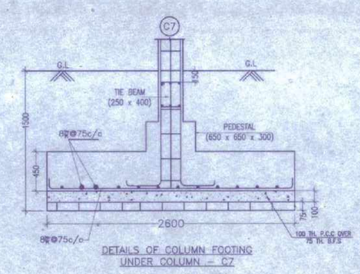
BAEM MKD.	SIZE OF BEAM	LONGITUDINAL REINFORCEMENT SUPPORT TOP	SUPPORT BOTT.	SPAN TOP	SPAN BOTT.	STIRRUPS 8# @
B1	250x400	6-16#	3-12#	2-16#	3-12#	2L -8# @200 c/c
B2	250x400	7-16#	4-12#	3-16#	5-12#	2L -8# @200 c/c
B3	250x500	6-16#	4-12#	2-16#	5-12#	2L -8# @200 c/c
B4	250x500	8-16#	4-12#	3-16#	6-12#	2L -8# @150 c/c
B5	250x400	2-16#	2-12#	2-16#	5-16#	2L -8# @150 c/c
B6	250x400	2-12#	2-12#	2-12#	5-12#	2L -8# @200 c/c
B7	250x400	3-12#	3-12#	3-12#	3-12#	2L -8# @200 c/c



FOUNDATION LAYOUT



ARRANGEMENT OF BEAMS & SLABS OF TYPICAL(1ST,2ND,3RD&4TH) FLOOR LEVEL



DETAILS OF COLUMN FOOTING UNDER COLUMN - C7

COL C7 (250X400)

TIE BEAM (250X400)

WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT
WE SHALL ENGAGE L.B.S. & E.S.E DURING CONSTRUCTION. WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER S. S. PLAN), MUNICIPALITY, AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES. IF ANY SUBMITTED DOCUMENTS AREA FOUND TO BE FAKE, THE MUNICIPALITY, AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E / L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK.THE PLOT IS IDENTIFY BY ME.

SIGNATURE OF OWNERS.

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF MUNICIPALITY BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME, THE MEASUREMENT OF SITE AGREES WITH THE BOUNDARY DECLARATION AND WIDTH OF THE COMMON PASSAGE IS CONFIRMED WITH THE PLAN. THE SITE IS A BUILDABLE SITE AND NOT A FILLED UP TANK. PLOT WITH EXISTING STRUCTURE IS BOUNDED BY BOUNDARY WALL.

MADHAB CH. PAUL
L. B. S. of Kolkata
Municipal Corporation
L.B.S., No. 526, Class - I

MADHAB CH. PAUL
L.B.S. No.- 526 (Class- I)
[Kolkata Municipal Corporation]
SIGNATURE OF L.B.S.

THE STRUCTURAL DESIGNS AND DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

KUNAL KANTI SARKAR
B.E. (Civil), M.E. (Gtl)
Consulting Engineer (Structural)
E.S.E. : P/74 of
Calcutta Municipal Corporation

KUNAL KANTI SARKAR
E.S.E. NO.- 74 (II)
[Kolkata Municipal Corporation]
SIGNATURE OF E.S.E.

SPECIFICATIONS :-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
2. THIS DRG. SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRGS.
3. DEPTH OF FOUNDATION = 1.5M.
4. GRADE OF:-
   a) STEEL Fe 415
   b) CONCRETE M20
5. CLEAR COVER TO REINFORCEMENT:-
   a) TIE BEAM = 35 mm.
   b) COLUMN = 40 mm.
   c) FLOOR BEAM & STAIR = 25 mm.
   d) SLAB - (i) TOP & BOTTOM = 15mm.
      (ii) END = 25 mm.

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

PALASH KUMAR KAIT
L.B.S. - I, Uluberia Municipality
L/ No.: UM/07/2017
Ketalghata, Kushboria
Uluberia, Howrah

PROPOSED (G + IV) STORIED (Height of the Building is 15.500 m) RESIDENTIAL BUILDING PLAN AT R.S. DAG NO - 13, L.R. DAG NO - 24, R.S. L.R. KHATIAN NO - 690, NEW L.R. KHATIAN NO 4751 & 4752, J.L. NO -109, P.S. - ULUBERIA, WARD NO - 27 , UNDER ULUBERIA MUNICIPALITY , DISTRICT - HOWRAH , PIN-711316

*** DETAILS OF STRUCTURAL DRAWING ***

"SCALE"	"ARCHITECTS & ENGINEERS"	
1: 50 1: 100	Deep Pal Consultancy (P) Ltd. 49/1A, Dr. Suresh Sarkar Road, Kolkata - 700 014. E-mail : dpckol@yahoo.com	
"DRAWN BY" PRITI	"Checked BY" M.C.Paul	"SHEET" 3