

**STRUCTURAL DETAILS OF PROPOSED PLAN OF A (G+III) STORIED RESIDENTIAL BUILDING OWNED BY SMT. REKHA BAGCHI AT CORRESPONDING TO MOUZA - MASUNDA, J.L. NO.-34, R.S. NO.- 96, DAG NO.- 857, KHATIAN NO.-317, WARD NO.-10, HOLDING NO.-115 (T-15), ACHARYA JAGADISH BOSE ROAD, P.S.-NEW BARRACKPUR, DIST.- NORTH 24 PARGANAS, UNDER NEW BARRACKPUR MUNICIPALITY.**

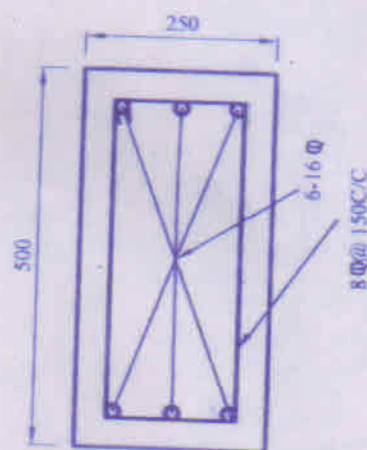
**CERTIFICATE OF STRUCTURAL STABILITY:-**

I/WE HEREBY CERTIFIED THAT THE FOUNDATION & SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PLOT NO.-115, STREET- ACHARYA JAGADISH BOSE ROAD, WARD NO.- 10 UNDER THE JURISDICTION OF NEW BARRACKPUR MUNICIPALITY NOTIFIED AREA AUTHORITY/ INDUSTRIAL TOWNSHIP AUTHORITY HAVE BEEN PERSONALLY INSPECTED AND SO DESIGNED BY ME/US WITH THE FOLLOWING DETAILS:-

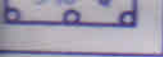
### SLAB CHART

SLAB MKD.	SLAB DEPTH	MIDSPAN STEEL		SUPPORT STEEL	
		SHORTER DIR.	LONGER DIR.	SHORTER DIR.	LONGER DIR.
S1	130	10 $\phi$ @100C/C	10 $\phi$ @100C/C	10 $\phi$ @100C/C	10 $\phi$ @100C/C
S2	150	10 $\phi$ @100C/C	10 $\phi$ @100C/C	10 $\phi$ @100C/C	10 $\phi$ @100C/C

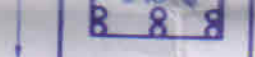
STIRRUPS
8 $\phi$ @150C/C
8 $\phi$ @150C/C
8 $\phi$ @150C/C



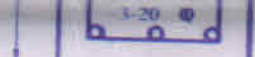
**TIE BEAM SECTION**



SUPPORT



SPAN



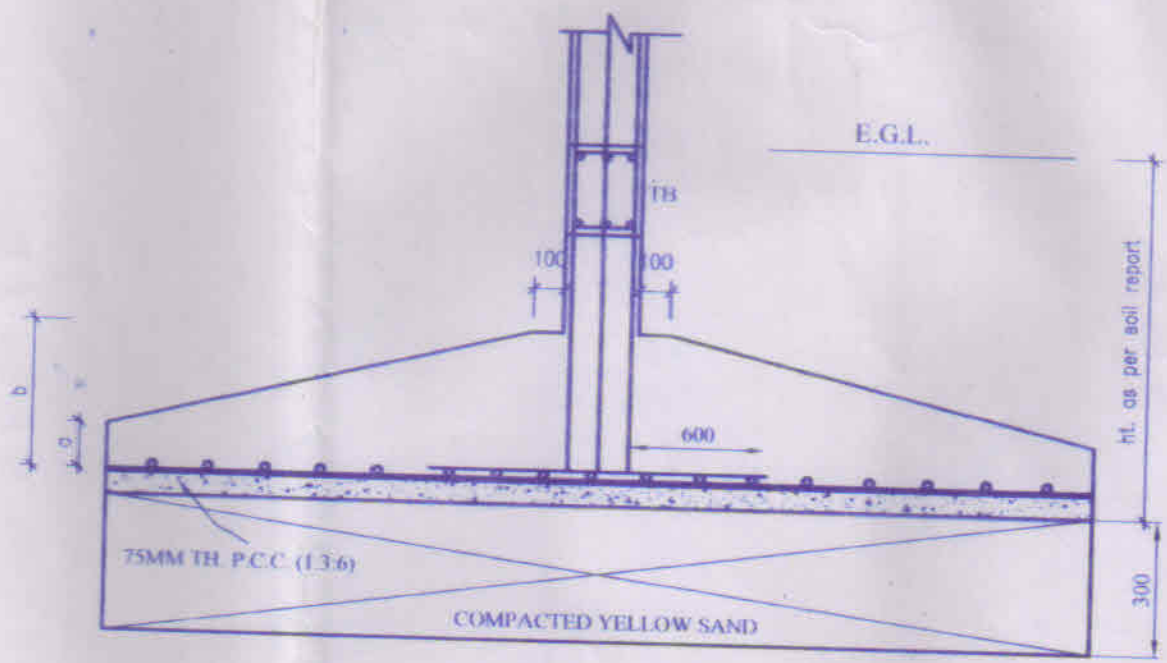
SUPPORT



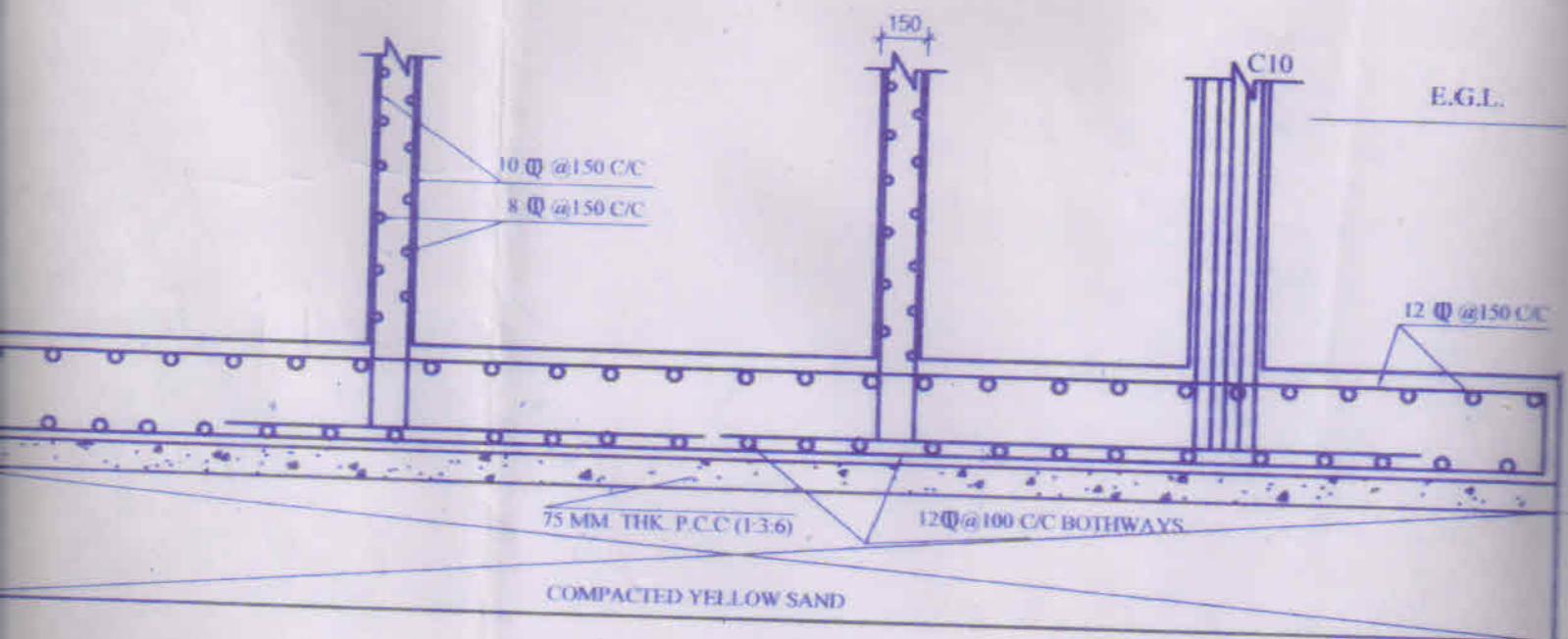
SPAN

B2(250X400)  
SCALE 1:10

B1(250X400)  
SCALE 1:10



TYPICAL SQUARE FOOTING



DETAILS OF LIFT FOUNDATION



88A  
*Mani Sankar Chatterjee*

**MANI SANKAR CHATTERJEE**  
E.S.E. NO.-205/1  
K.M.C.

*Rupak Kumar Banerjee*  
**RUPAK KUMAR BANERJEE**  
B.C.E., M.E., MGS  
M.I.E., CHARTERED ENGINEER  
ENLISTED GEO TECHNICAL ENGINEER (K.M.C.)  
G.T./1/3 (K.M.C.) LM-4279, M.-153878-5

**SIGNATURE OF STRUCTURAL ENGINEER**  
(NAME, ADDRESS & EMPANELMENT NO.)

**SIGNATURE OF GEO-TECHNICAL ENGINEER**  
(NAME, ADDRESS & EMPANELMENT NO.)

**CERTIFICATE OF OWNER:-**

THAT I SHALL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN.  
THAT I HAVE GONE THROUGH THE RULES FOR NEW BARRACKPUR MUNICIPALITY AND  
I WILL TAKE TO ABIDE BY THOSE RULES DURING & AFTER THE CONSTRUCTION OF THE

The site plan is sanctioned  
without creating the measurement  
of the road width

THIS ENGINEERING PLAN IS PREPARED  
BY THE ENGINEER IN CHARGE OF THE  
MUNICIPALITY AND SHALL NOT BE  
ALTERED OR MODIFIED WITHOUT THE  
APPROVAL OF THE MUNICIPALITY  
ENGINEER IN CHARGE OF THE SITE

✓ **BOSE CONSTRUCTION**  
*Anindya Bose*  
**SIGNATURE OF OWNER**

NO DEPTH SHALL BE ALLOWED WITHOUT  
THE PERMISSION OF THE  
MUNICIPALITY AUTHORITY

DIMENSIONS ARE IN MM.  
GRADE OF CONCRETE M20  
GRADE OF STEEL FE 500  
PROTECT AGAINST MAIN REINFORCEMENT  
MIN-40  
MIN-50  
MIN-15  
MIN-25  
LENGTH  
MIN-40X DIA. OF BAR  
MIN-50X DIA. OF BAR  
DRAW. SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRW.  
LOADING CAPACITY OF SOIL IS AS PER SOIL REPORT

**C.A. CONSTRUCTION**  
(A GROUP OF CIVIL ENGINEERS)

HYAMGRAM MUNICIPAL MARKET COMPLEX, KOLKATA-700129  
PH. (033) 2536 - 8009



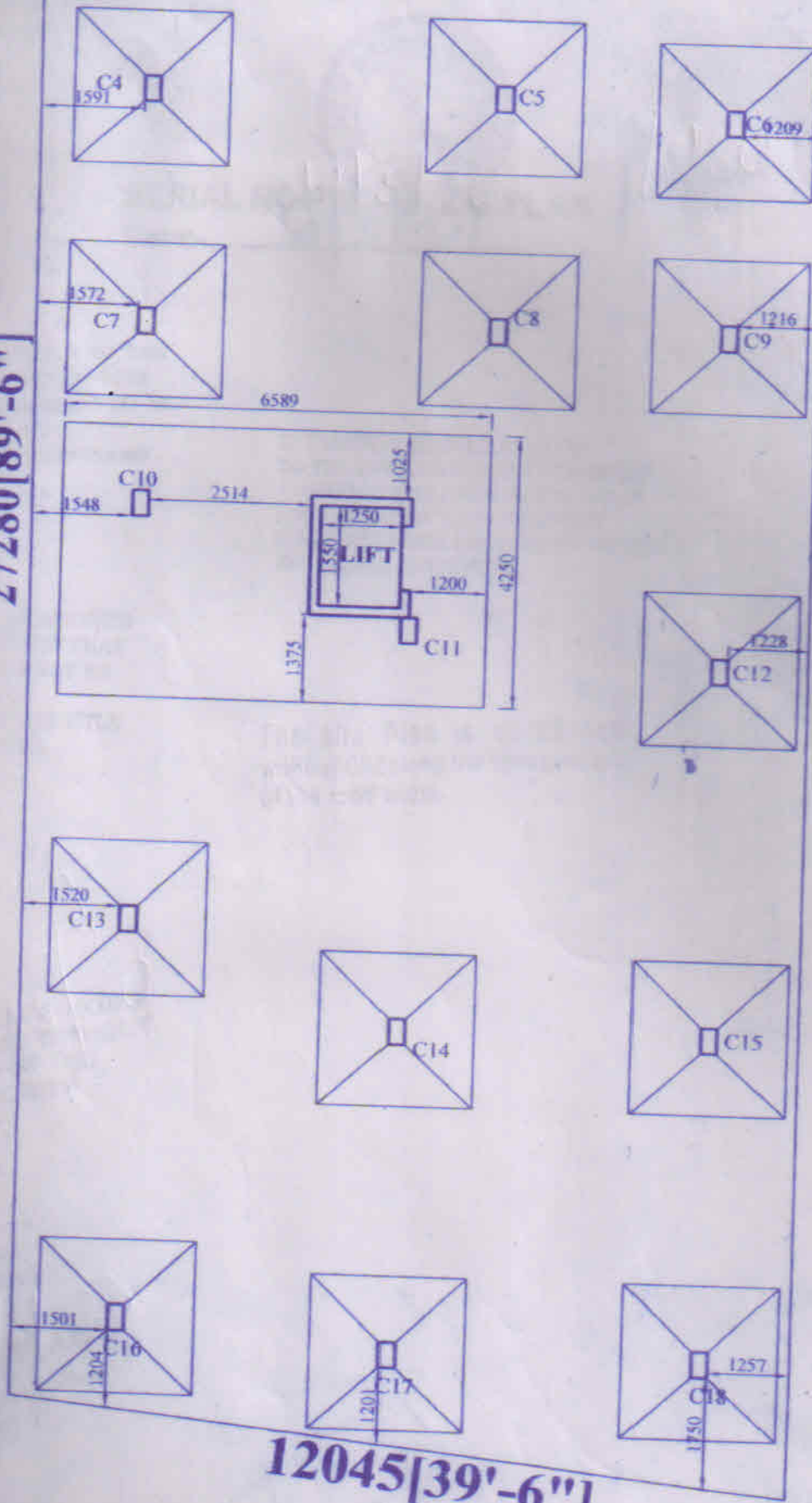
NEW BARRACKPUR, SANCTION-2019 | STRUCTURE  
PROPERTY OF C.A. CONSTRUCTION & IS NOT TO BE

27280[89'-6"]

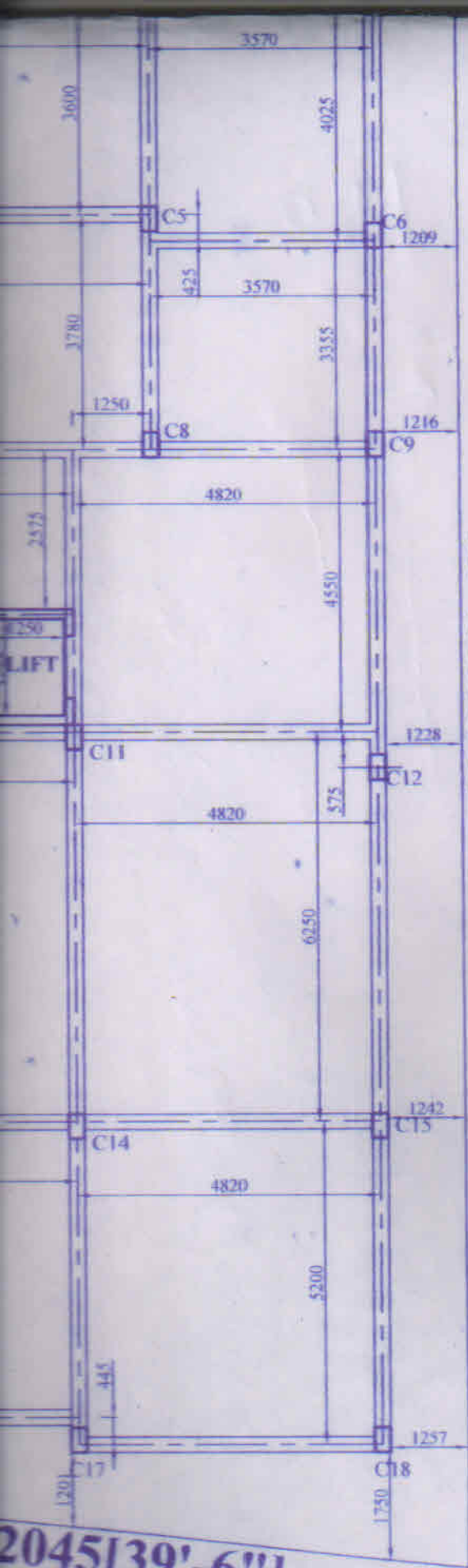
28499[93'-6"]

27280[89'-6"]

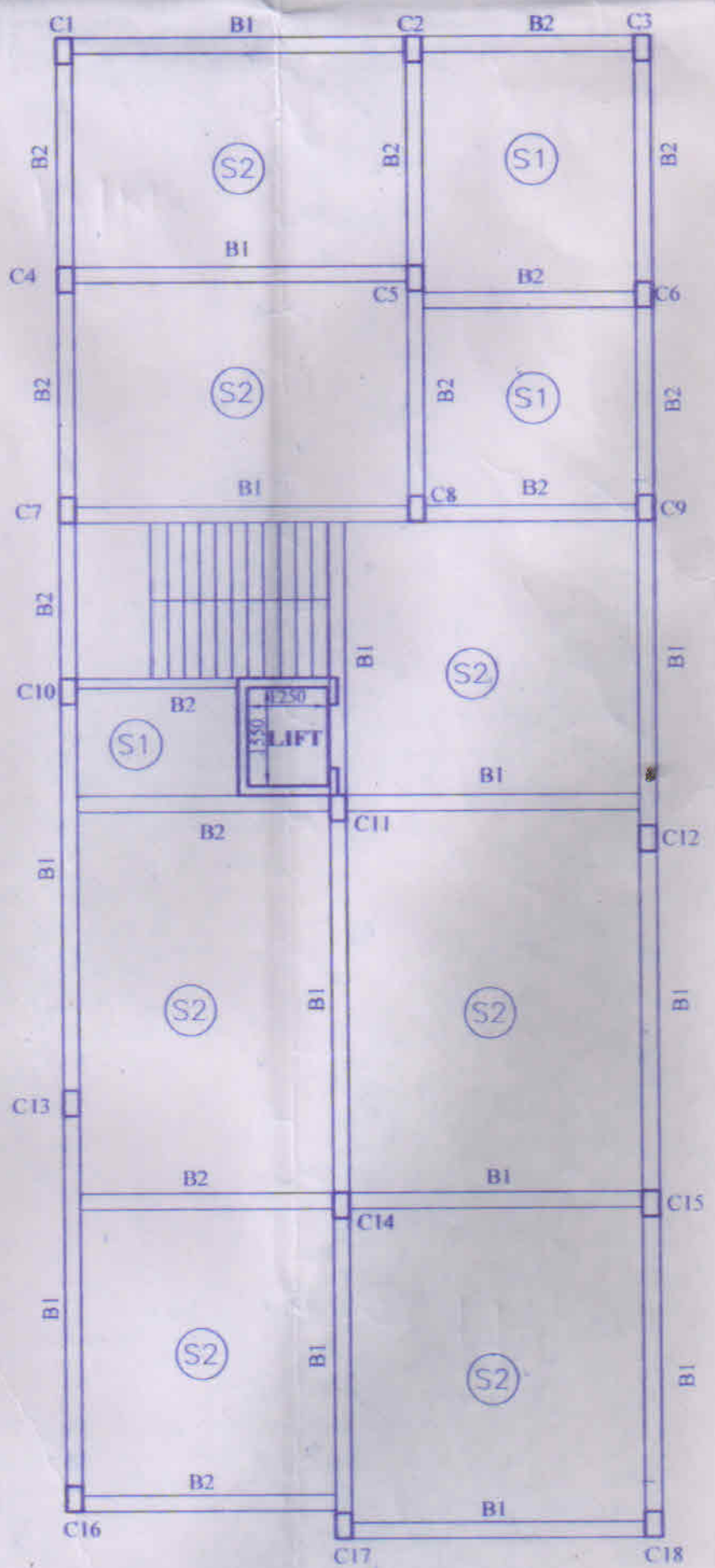
12045[39'-6"]



FOUNDATION LAYOUT PLAN  
SCALE 1:100



28499[93'-6"]



SLAB BM LAYOUT PLAN  
SCALE 1:100

CENTER LINE  
LAYOUT PLAN  
SCALE 1:100

2045[39'-6"]

FOUNDATION CHART

COL. MKD.	SECTION AXB	DEPTH b to a
C1,C3,C16,C18	2400X2400	500 TO 200
C2,C4,C6,C7,C9,C10 C12,C13,C15,C17	2600X2600	600 TO 250
C5,C8,C11,C14	2800X2800	700 TO 250

12094[39'-7"]

ORCEMENT
/C B/WAYS
C B/WAYS
B/WAYS

COLUMN CHART

COL. MKD.	REINFORCEMENT
C1,C3,C16,C18	250X400 10-16 $\phi$
C2,C4,C6,C7,C9,C10 C12,C13,C15,C17	250X400 10-20 $\phi$
C5,C8,C11,C14	250X500 10-20 $\phi$





SERIAL NO-PWD/BE/DG.PLAN / 1480  
Date:- 14/5/20

IS SANCTIONED SUBJECT TO THE  
CONDITION THAT THE OWNER GETS  
RELEVANT LAND CONVERTED TO  
FROM HORTICULTURE/  
CULTURE BY THE COMPTANT  
CITY

INTIMATION SHOULD BE GIVEN  
TO THE OFFICER BEFORE EXECUTION  
AFTER COMPLETION OF THE WORK.  
ANY DEVIATION OR ALTERATION  
REQUIRES PRIOR SANCTIONED OF THE  
MUNICIPAL AUTHORITY

ING PLAN IS SPONSORED  
TO THE CONDITION THAT  
MUNICIPALITY SHALL NOT BE  
ABLE IN CASE ANY  
ARISES ABOUT THE TITLE  
SHIP OF THE SITE.

The site Plan is sanctioned  
without Checking the Measurment  
of the road width.

TUBEWELL SINKING  
IS ALLOWED WITHOUT  
MISSION OF THE  
AL AUTHORITY

S PER PLAN  
13/5/20

1. u. p  
14/05/20  
TRIDIP KR. HAR  
Assistant Engineer  
New Barrackpore Municipality

TRIPTI MAJUMDER  
CHAIRPERSON  
New Barrackpore Municipality

RAJIB CHATTERJEE  
Assistant Engineer  
New Barrackpore Municipality