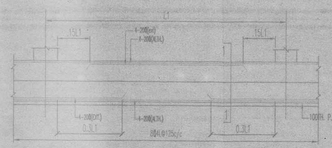
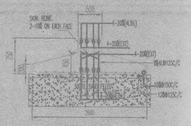
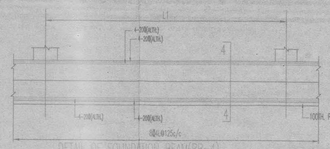


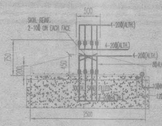
DETAIL OF FOUNDATION BEAM(RB-1)
500X750



SECTION 1-1



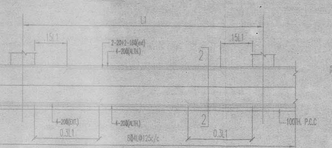
DETAIL OF FOUNDATION BEAM(RB-4)
500X750



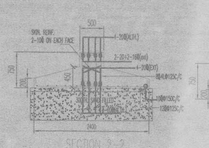
SECTION A-A

SCHEDULE OF TIE BEAM (M25 AND FE 500)

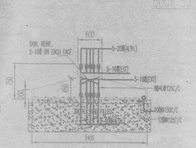
BEAM MKD.	SIZE (MMxMM)	TOP		BOTT.		STIRRUPS (2 LEGGED)	
		ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN.
TB1	250x400	2-16@+1-12@	-	2-16@+1-12@	-	8@125mmC/C	8@150mmC/C
TB2	250x400	3-16@	-	3-16@	-	8@125mmC/C	8@150mmC/C



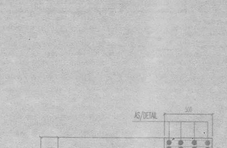
DETAIL OF FOUNDATION BEAM(RB-2)
500X750



SECTION 2-2



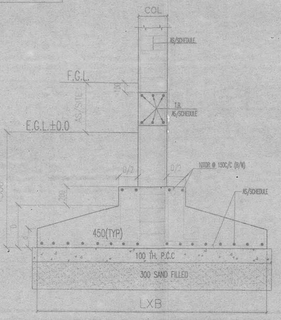
SECTION 5-5



SECTION A-A
SCALE 1:25

SCHEDULE OF FOUNDATION :- (M25 AND FE 500)

MKD.	SIZE (mxm)		DEPTH OF BASE SLAB		REINFORCEMENT	
	W	L	D	d	SHORTER(t)	LONGER(e)
F1	2400	3000	500	200	12@150 C/C BOTH WAYS OF BOTTOM.	
F2	3000	3000	500	200	12@150 C/C BOTH WAYS OF BOTTOM.	
F3	2600	2600	450	200	12@150 C/C BOTH WAYS OF BOTTOM.	
F4	2800	2800	500	200	12@150 C/C BOTH WAYS OF BOTTOM.	
F5	2400	2400	500	200	12@150 C/C BOTH WAYS OF BOTTOM.	
F6	3200	3200	600	200	12@150 C/C BOTH WAYS OF BOTTOM.	
COMB-1	AS SHOWN		450	200	12@125 C/C	10@150 C/C
COMB-2	AS SHOWN		450	200	12@125 C/C	10@150 C/C



LONG SECTION
SCALE - 1:25

1. ALL DIMENSIONS ARE IN MM
2. CONCRETE GRADE TO BE ADOPTED M20 UNLESS MENTIONED .
3. COVER TO REINFORCEMENT
   COLUMN = 40mm , BEAM = 30mm
   SLAB = 15mm , FOUNDATION = 50mm
5. DO NOT SCALE THE DRAWING . FOLLOW WITH DIMENSION.
6. ALL EXTERNAL WALLS ARE 200mm THK. & INTERNAL WALLS ARE
7. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED
8. EXTERNAL PLASTER 15mm THK. IN CEMENT MOTER GRADE (1:6)
9. INTERNAL PLASTER 12mm THK. IN CEMENT MOTER GRADE (1:5)
10. ALL CEILING PLASTER 6mm THK. IN CEMENT MOTER GRADE (1:4)
11. USE 200GSM LDP SHEET BELOW P.C.C.

NB :THE STRUCTURAL DESIGNER IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCTION ; SUPERVISION FALLS OUT SIDE THE PERVIEW OF

DECLARATION OF E.B.A.

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL-RESPONSIBILITY THAT BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

SUBIR CHANDRA SANYAL
B.E.,A.M.I.,STRUCT. E. (I)
E.B.S NO.3610, CLASS-I
E.S.E. NO. 007, CLASS-I
RAJPUR-SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

STRUCTURAL CERTIFICATE

THE STRUCTURAL DESING 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 NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT

SUBIR CHANDRA SANYAL
B.E.,A.M.I.,STRUCT. E. (I)
E.B.S NO. 640, CLASS-I
E.S.E. NO. 007, CLASS-I
RAJPUR-SONARPUR MUNICIPALITY

SIGNATURE OF STRUCTURAL ENGINEER (E.S.E. NO. 007)

ALOK ROY
Enlisted Geotechnical Engineer
Rajpur-Sonarpur Municipality
No.- 008 / G.T. Eng., Class-I

SIGNATURE OF GEOTECHNICAL ENGINEER

As Lawfully Constituted Attorney of
A.K.I.M.A.MONDAL
RAMEEJA BIBI MONDAL
NAZIBA BIBI MONDAL
NUR JAHAN BIBI SARDAR
NUR JAHAN BIBI MONDAL
SAHABUDDIN MONDAL
NURUDDIN MONDAL
AMINUDDIN MONDAL
EASHAK ALI MONDAL

As Lawfully Constituted Attorney of
A.K.I.M.A.MONDAL
RAMEEJA BIBI MONDAL
NAZIBA BIBI MONDAL
NUR JAHAN BIBI SARDAR
NUR JAHAN BIBI MONDAL
SAHABUDDIN MONDAL
NURUDDIN MONDAL
AMINUDDIN MONDAL
EASHAK ALI MONDAL

ABHIDA GAZI
SIGNATURE OF OWNER

SUBIR CHANDRA SANYAL
B.E.,A.M.I.,STRUCT. E. (I)
E.B.S. NO. 640, CLASS-I
E.S.E. NO. 007, CLASS-I
RAJPUR-SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A

PROJECT

STRUCTURAL DRAWING FOR A PROPOSED G +IV STORIED RESIDENTIAL BUILDING AT AT HOLDING NO. 513,PAIKPARA ROAD , R.S.DAG NO. 2307, L.R. DAG NO. -2300,2297-2299,2287, 2286,R.S. KHATIAN NO. - 440.L.R. KHATIA NO. - 578, 2359 - 2369, 2375-2379.J.L. NO. - 56.WARD NO. 26, MOUZA- UKHILA PAIKPARA,P.S.-SONARPUR,DIST.-24PGS.(S). , UNDER RAJPUR SONARPUR MUNICIPALITY

NAME OF OWNER: SAHABUDDIN MONDAL AND OTHERS

DRAWN -	surajs	SCALE -	1:100
DESIGNED		DATE -	20.04.2018
CHECKED -	jayasma	JOB NO.	
APPROVED			

Sanyalson Associates
Consultant Pvt. Ltd.
CONSULTANT PLANNER & STRUCTURAL ENGINEERS
P-157 - KANJNGO PARK - KOLKATA-84

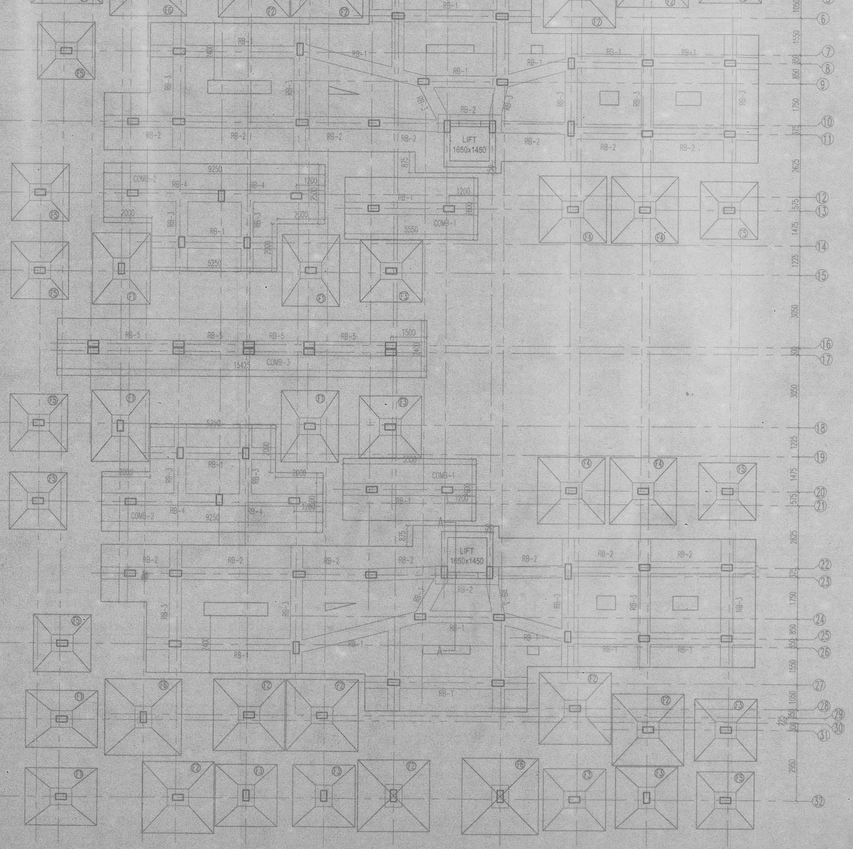
DWG NO. 03/07	BLOCK – 2

APPROVAL OF S.A.E

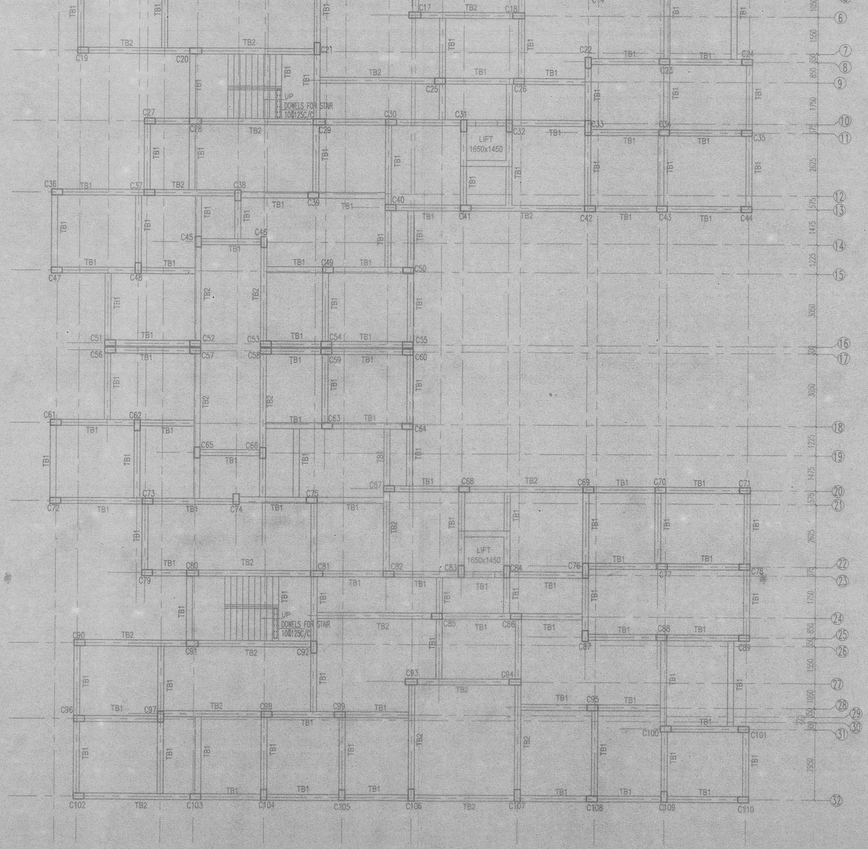
OFFICE USE ONLY

Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 107/03/26/25 Dated On:- 11/09/2018 for record of the Rajpur-Sonarpur Municipality without Verification No deviation from the submitting structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during Construction

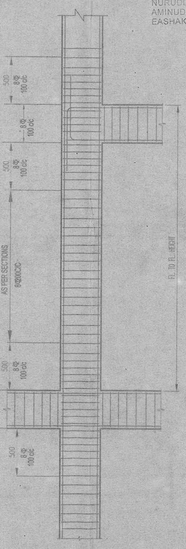
10/9/18
Sig. of Assistant Engineer.
Incharge P.W.D
RAJPUR-SONARPUR MUNICIPALITY



FOUNDATION LAYOUT PLAN



TIE BEAM LAYOUT PLAN



LONG SECTION OF COLUMN SHOWING LINK DETAILS