

GOVERNMENT OF WEST BENGAL
OFFICE OF THE SUPERINTENDING ENGINEER
WEST CIRCLE, HOUSING DIRECTORATE
(ERSTWHILE HOUSING CONSTRUCTION CIRCLE NO. II)
PURTA BHAVAN (GROUND FLOOR),
P.O-SREE PALLY, PIN-713103
DIST.-BURDWAN
PHONE NO.0342-2646311
E-MAIL-sehcc2@gmail.com

Memo No. 105/1W – 372

Dated : 25/01/2018

4th Corrigendum to e-NIT No. 14 of 2017-18 vide Memo No. 03/1W – 372 Dated 02/01/2018 of the Superintending Engineer, West Circle, Housing Directorate (erstwhile Housing Construction Circle No. II).

TENDER REFERENCE NO. :- **WBHOUSING/SE/HCC-II/e-NIT-14/2017-2018**

Tender ID :- Tender ID :- **2018_HSD_146449_1**

Name of work : - Construction of 5664 nos. of flat alongwith other amenities, at Dakshinkhanda Mouza at Andal (BAPL Land) in Raniganj Area, Asansol under R.C.F.A. project at Raniganj.

Sl. No.	Description	In Place of	Please Read As
1	Tower crane up to 25 m (G+4) height (Page No. 45, Clause 2.5 Sl. No.3) & Page No. 52, Form 4	4 nos.	Deleted
2	Construction elevator (Page No. 45, Clause 2.5 Sl. No.4) & Page No. 52, Form 4	12 nos.	Deleted
3	Concrete pump (Page No. 45, Clause 2.5 Sl. No.9) & Page No. 52, Form 4	12 nos.	6 nos.
4	Additional Equipment	Nil	Mini Batching Plant 30 cum per hour for concrete work as & when required (optional) Minimum 2 (two) nos. each site. (Page No. 45, Clause 2.5 Sl. No.12)
5	Page No. 45, Clause 2.5	The bidder shall provide further details of proposed items of equipment using the relevant form in Section 4 (Bidding Forms). The bidder is to provide their own estimate of the number of equipment, commensurate with their work plan and methodology.	Deleted Deleted

Sl. No.	Description	In Place of	Please Read As																				
6	Bid Prices and Discounts (Page No. 3, Sl. No. 9) of 1 st Corrigendum)	All duties, taxes including GST and other levies payable by the Selected Bidder earlier payable In other words, the Selected Bidder will not be paid anything more than the Financial Bid, which is all inclusive. However, the Employer will assist (on a no recourse basis and in good faith..... claims or eligibility of the Selected Bidder. Variation of GST or any other Tax to be allowed after approval of Finance Department, Govt. of West Bengal.	The Rate Shall be quoted upto 2 (two) decimal point in Figure & words. All duties, taxes including GST and other levies payable by the Selected Bidder earlier payable In other words, the Selected Bidder will not be paid anything more than the Financial Bid, which is all inclusive. However, the Employer will assist (on a no recourse basis and in good faith..... claims or eligibility of the Selected Bidder. Variation of GST or any other Tax to be allowed after approval of Finance Department, Govt. of West Bengal.																				
7	Form FIN-1 : Financial Situation (Page No. 70 Form 17 Remain unchanged) Additional Note added	-----	Note:- During last 5 (five) years ending 31.03.2017, the Firm should have no loss at least for 2 (two) years. (Remain Form 17 unchanged)																				
8	(Page No. 5, Sl. No. 20) of 1 st Corrigendum) Additional Note added	<u>Section 4</u> <u>Form 22</u> Calculation of Bid Capacity	Note 3:- If any bidder becomes lowest in the tender of RCFA Project that work value will be treated as work in hand for calculation of bid capacity in respect of subsequent tender. (Remain Form 22 unchanged)																				
9	SECTION – 6 GENERAL CONDITIONS OF CONTRACT (GCC) 5.2 Contractor's Documents	The Contractor shall include in the design, in additions to space and operational needs, Project as detailed out in Employer's Requirements. The Contractor shall also include in the design provision of landscaping, as the original as said in Employer's Requirements.	The Contractor shall exclude in the design, in additions to space and operational needs, Project as detailed out in Employer's Requirements. The Contractor shall also exclude in the design provision of landscaping, as the original as said in Employer's Requirements																				
10	Proposed Payment Schedule For Building Blocks (For 354 Nos. Blocks)	<table border="0"> <tr> <td>I. On Completion of Foundation upto plinth beam.</td> <td>16 %</td> </tr> <tr> <td>II. On Completion of Ground Floor & First Floor upto 2nd Floor Slab (Concrete work)</td> <td>17%</td> </tr> <tr> <td>II. On Completion of Second Floor, Third Floor upto Mumpty room roof (Concrete works)</td> <td>18%</td> </tr> <tr> <td>IV. Brick work (Ground & 1st Floor)</td> <td>7%</td> </tr> <tr> <td>V. Brick work (2nd & 3rd Floor, Parapet, Stair room) & roof treatment</td> <td>7%</td> </tr> </table>	I. On Completion of Foundation upto plinth beam.	16 %	II. On Completion of Ground Floor & First Floor upto 2 nd Floor Slab (Concrete work)	17%	II. On Completion of Second Floor, Third Floor upto Mumpty room roof (Concrete works)	18%	IV. Brick work (Ground & 1 st Floor)	7%	V. Brick work (2 nd & 3 rd Floor, Parapet, Stair room) & roof treatment	7%	<table border="0"> <tr> <td>I. On Completion of Foundation upto plinth level.</td> <td>16 %</td> </tr> <tr> <td>II. On Completion of Ground Floor & First Floor upto 2nd Floor Slab (Concrete work)</td> <td>17%</td> </tr> <tr> <td>III. On Completion of Second Floor, Third Floor upto Mumpty room roof (Concrete works)</td> <td>18%</td> </tr> <tr> <td>IV. Brick work (Ground & 1st Floor)</td> <td>7%</td> </tr> <tr> <td>V. Brick work (2nd & 3rd Floor, Parapet, Stair room) & roof treatment</td> <td>7%</td> </tr> </table>	I. On Completion of Foundation upto plinth level.	16 %	II. On Completion of Ground Floor & First Floor upto 2 nd Floor Slab (Concrete work)	17%	III. On Completion of Second Floor, Third Floor upto Mumpty room roof (Concrete works)	18%	IV. Brick work (Ground & 1 st Floor)	7%	V. Brick work (2 nd & 3 rd Floor, Parapet, Stair room) & roof treatment	7%
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Sl. No.	Description	In Place of		Please Read As	
		VI. Total Internal Plaster & External Plaster with Plinth Protection)	9%	VI. Total Internal Plaster & External Plaster & Flooring work with Plinth Protection)	9%
		VII. Door, Window with internal Grill & Frame	14%	VII. Door, Window with all fittings & fixtures with internal Grill & Frame -14%	14%
		VIII Sanitary & Plumbing including roof Tank	8%	VIII Sanitary & Plumbing including roof Tank with supporting concrete slab	8%
		IX. External Cement based Paint & Internal White Wash/Colour Wash	2%	IX. External Cement based Paint & Internal White Wash/Colour Wash	2%
		X. Internal Electrification Including Fittings & Fixing	2%	X. Internal Electrification Including Fittings & Fixing - 2%	2%
		TOTAL	100%	TOTAL	100%
11	Proposed Payment Schedule For Allied Structure	A. School Building		A. School Building (2 Nos.)	
		On Completion of all Concrete Works upto Roof Level	30%	i)On Completion of all Concrete Works upto Roof Level	30%
		On Completion of all Brick Work Sanitary Plumbing works, Finish, Internal & External Plaster, Exterior & Interior Paints, etc. all finishes.	30%	ii) On Completion of all Brick Work, flooring work, Sanitary Plumbing works with Fittings & Fixtures Finish, Internal & External Plaster, Exterior & Interior Paints, etc. all finishes	30%
		On Completion of all internal electrification including Fitting & Fixing	15%	iii) On Completion of all internal electrification including Fitting & Fixing	15%
		B. Community Hall (2 Nos.)	10%	B. Community Hall (3 Nos.)	10%
		On Completion of all civil & Sanitary Plumbing Works		i)On Completion of all civil & Sanitary Plumbing Works	
		On Completion of all internal electrification including Fitting & Fixing	3%	ii)On Completion of all internal electrification including Fitting & Fixing	3%
		C. Vending Area		C. Vending Area (2 Nos.)	
		of all civil & Sanitary Plumbing Works	10%	i) On Completion of all civil & Sanitary Plumbing Works	10%
		On Completion of all internal electrification including Fitting & Fixing	2%	ii) On Completion of all internal electrification including Fitting & Fixing	2%
		TOTAL	100%	TOTAL	100%
				Note:- Stage payment will be made subject to execution of all items on pro-rate basis upto date stage following the specification of BOQ attached in the tender.	

Sl. No.	Description	In Place of	Please Read As
12	Page No.3 Sl. No.8 of 1 st Corrigendum	The Financial Bid shall comprise of the Bill of Quantity (BOQ) in the specified format, being the cost for Construction of 3024 nos. of flat alongwith other amenities, in Raniganj for rehabilitation inclusive of all taxes and charges. N.B. – (1) The bidder is to quote the rate online in the space marked for quoting rate in the BOQ. (2) Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder. (3) The rate quoted also include costs of i)buildings including sanitary & plumbing works & electrical works, bidder should accordingly bid for the Project. (4) Variation in consumption in contrary to BOQ will be taken careof accordingly.	The Financial Bid shall comprise of the specification given in the BOQ in the specified format inclusive of all taxes and charges. N.B. – (1) The bidder is to quote the rate online in the space marked for quoting rate in the BOQ. (2) Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder. (3) The rate quoted also include costs of i)buildings including sanitary & plumbing works & electrical works, bidder should accordingly bid for the Project. (4) Deleted (5) If any deviation of item is made from original BOQ & specification supplementary tender will be executed following PWD SOR on market rate analysis. The discretion of Engineering-In-Charge is final in this respect.
13	Additional Drawing	NIL	<ul style="list-style-type: none"> i) Electrical layout Drawing ii) Market Complex structural drawing iii) Plumbing & S&P Layout iv) Sanitary Typical v) Plinth Protection & Surface Drain vi) Sewerage, Drainage & Water Supply Line vii) Over Head Tank
14	Specific Construction Experience Contracts of Similar Size and Nature (Page No.43 Clause 2.3.2)	Participation as contractor in minimum one big housing project of Rs. 250 Crores or upto three housing project totaling Rs. 250 Crores, out of which 1 (one) shall be of a minimum value of Rs. 100 Crores at any place(s) in India during the last 7 (seven) financial years ending on the last day of the month performance certificates from clients/end-user for executing works in time.	Participation as contractor in minimum one big housing project of Rs. 450 Crores or upto three housing project totaling Rs. 450 Crores, out of which 1 (one) shall be of a minimum value of Rs. 150 Crores at any place(s) in India during the last 7 (seven) financial years ending on the last day of the month performance certificates from clients/end-user for executing works in time.

All other details remain unchanged.

**Superintending Engineer,
West Circle, Housing Directorate
(Erstwhile Housing Construction Circle No. II)**

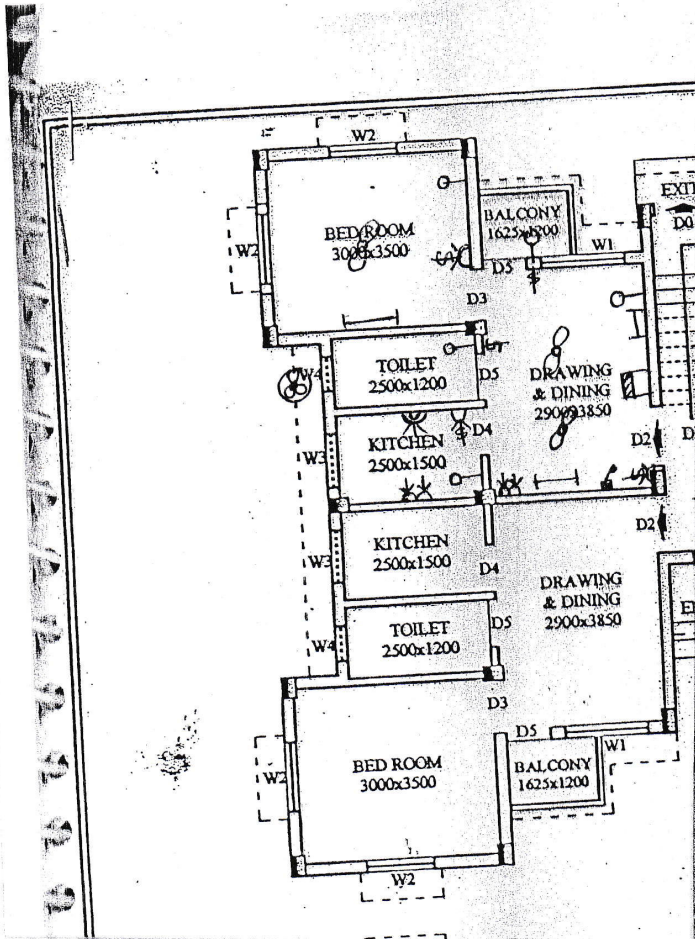
Memo No. 105/1(22)/1W – 372

Dated : 25/01/2018

Copy forwarded for favour of kind information to the:-

- 1) The Chief Engineer, Housing Directorate (In duplicate).
- 2) The Joint Secretary, Housing Department for display on the Website of Housing Department.
- 3) The Superintending Engineer, Housing Directorate, North Circle / South Circle / Western Circle No. I / II, Eastern Circle / Presidency Circle I & II, P.W.D., Superintending Engineer (Elec.), H&P, Works, PWD.
- 4) The Executive Engineer, Housing Directorate, Siliguri Division/Malda Division/Kolkata South-I/ Kolkata South-II/Kolkata North-I/Nadia Division/Burdwan Division/Bankura Division/Midnapore Division/ Electrical Division No. I / II.
- 5) Contractors' Association Branch under certificate of posting.
- 6) Notice Board.
- 7) Estimating Branch of this office for information.

**Superintending Engineer,
West Circle, Housing Directorate
(Erstwhile Housing Construction Circle No. II)**

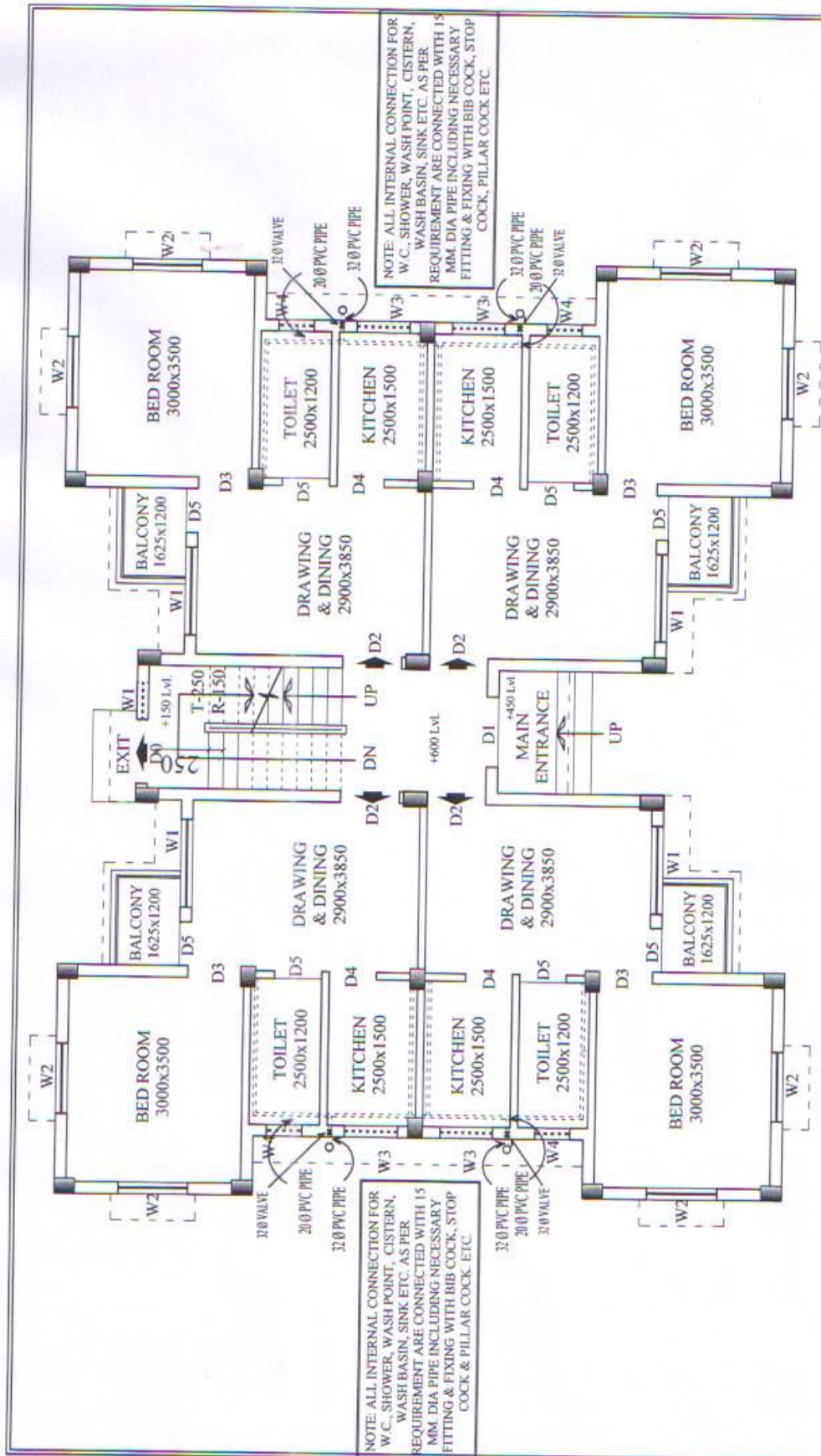


Index

- 2+6 way SPNDB
- Switch Board with Onboard Plug
- Switch Board
- Single Tube Light
- Ceiling Fan
- Single Bracket Light
- 20A Power Plug
- 2x5A Plug.
- Exhaust Fan
- Calling Bell

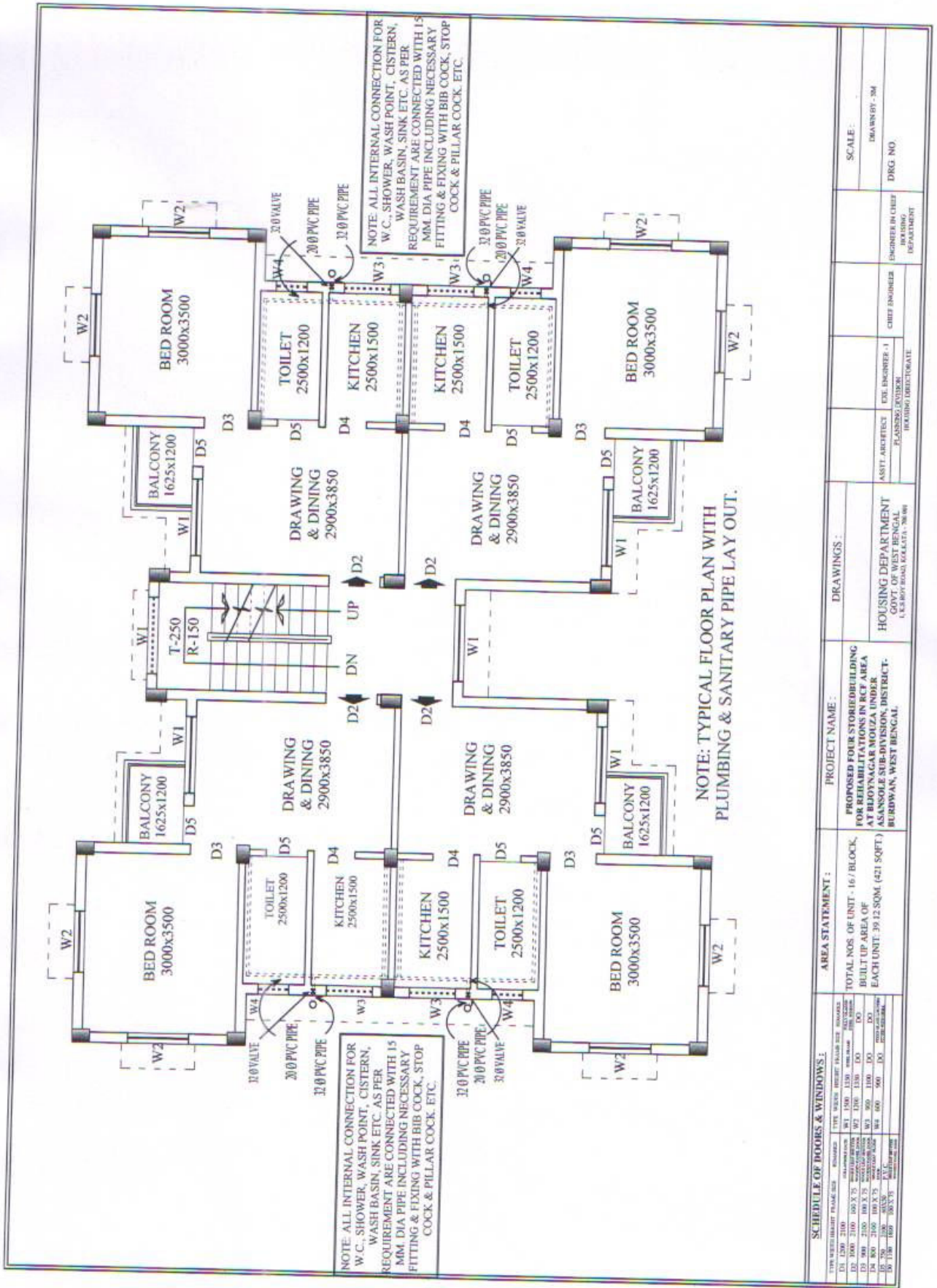
STAIR ROOM LEVEL —
+1200 LVL.
+1000 R.F.F.
+1200 LVL.

[Signature]
 24/01/2018
 Superintending Engineer (Elec)
 Housing & Planning Works (P.W.D.)
 Govt. of West Bengal



NOTE: GROUND FLOOR PLAN WITH PLUMBING & SANITARY PIPE LAY OUT.

SCHEDULE OF DOORS & WINDOWS :		PROJECT NAME :		DRAWINGS :		SCALE :	
TYPE	HEIGHT	WIDTH	REMARKS	PROPOSED FOUR STORE BUILDING FOR REHABILITATIONS IN BCF AREA AT BLOYANAGAR MOUZA UNDER ASANSOLE SUB-DIVISION, DISTRICT- BURDWAN, WEST BENGAL.		DRAWN BY: SA	
D1	2100	2100	W1	HOUSING DEPARTMENT GOVT. OF WEST BENGAL, 1, C.S. ROAD, CALCUTTA - 70001		ENGINEER IN CHIEF HOUSING DEPARTMENT	
D2	1800	1800	W2			CHIEF ENGINEER HOUSING DEPARTMENT	
D3	1500	1500	W3			ENGINEER ARCHITECT HOUSING DEPARTMENT	
D4	1200	1200	W4				
D5	900	900	W5				
D6	600	600	W6				
D7	300	300	W7				
D8	150	150	W8				
D9	100	100	W9				
D10	50	50	W10				
AREA STATEMENT :				DRAWING NO. :			
TOTAL NOS. OF UNIT - 16 / BLOCK,				PROJECT NO. :			
BUILT UP AREA OF EACH UNIT - 39.12 SQM. (421 SQFT)				DRAWING DATE :			



NOTE: TYPICAL FLOOR PLAN WITH PLUMBING & SANITARY PIPE LAY OUT.

SCHEDULE OF DOORS & WINDOWS:

TYPE	NO.	SIZE	HEIGHT	THICKNESS	REMARKS
D1	1200	2100	100	150	WOODEN DOOR
D2	1000	2100	100	150	WOODEN DOOR
D3	900	2100	100	150	WOODEN DOOR
D4	800	2100	100	150	WOODEN DOOR
D5	1200	2100	100	150	WOODEN DOOR
D6	1000	2100	100	150	WOODEN DOOR
D7	900	2100	100	150	WOODEN DOOR
D8	800	2100	100	150	WOODEN DOOR
D9	1200	2100	100	150	WOODEN DOOR
D10	1000	2100	100	150	WOODEN DOOR
D11	900	2100	100	150	WOODEN DOOR
D12	800	2100	100	150	WOODEN DOOR

AREA STATEMENT :

TOTAL NOS. OF UNIT - 16 / BLOCK.
 BUILT UP AREA OF EACH UNIT - 39.12 SQM. (421 SQFT)

PROJECT NAME :

PROPOSED FOUR STORE BUILDING FOR REHABILITATIONS IN RCT AREA ASHAPUR NAGAR MOUZA UNDER ASHAPUR SUB-DIVISION, DISTRICT BURDWANA, WEST BENGAL.

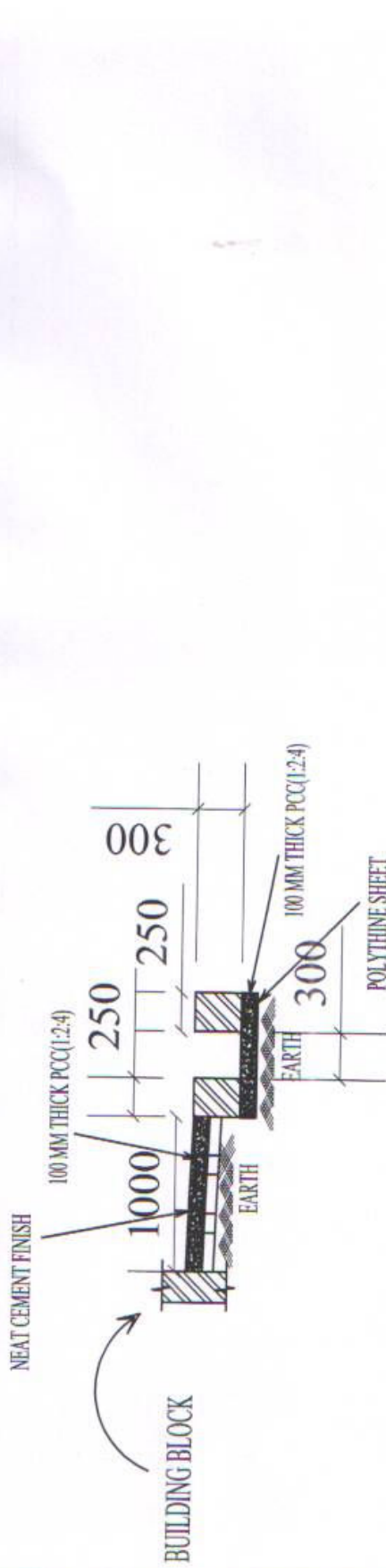
DRAWINGS :

HOUSING DEPARTMENT
 GOVT. OF WEST BENGAL
 1, KANAI SAHA (COLLECTIVE) RD, WB

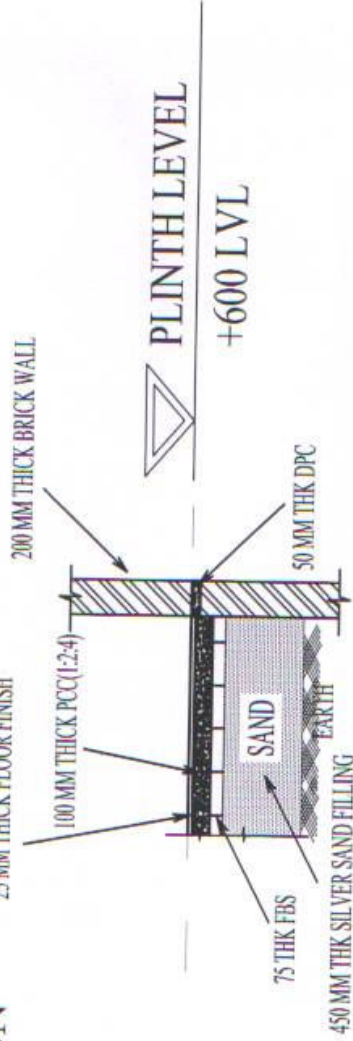
SCALE: DRAWN BY - SM

ENGINEER IN CHIEF HOUSING DEPARTMENT

DRG NO.



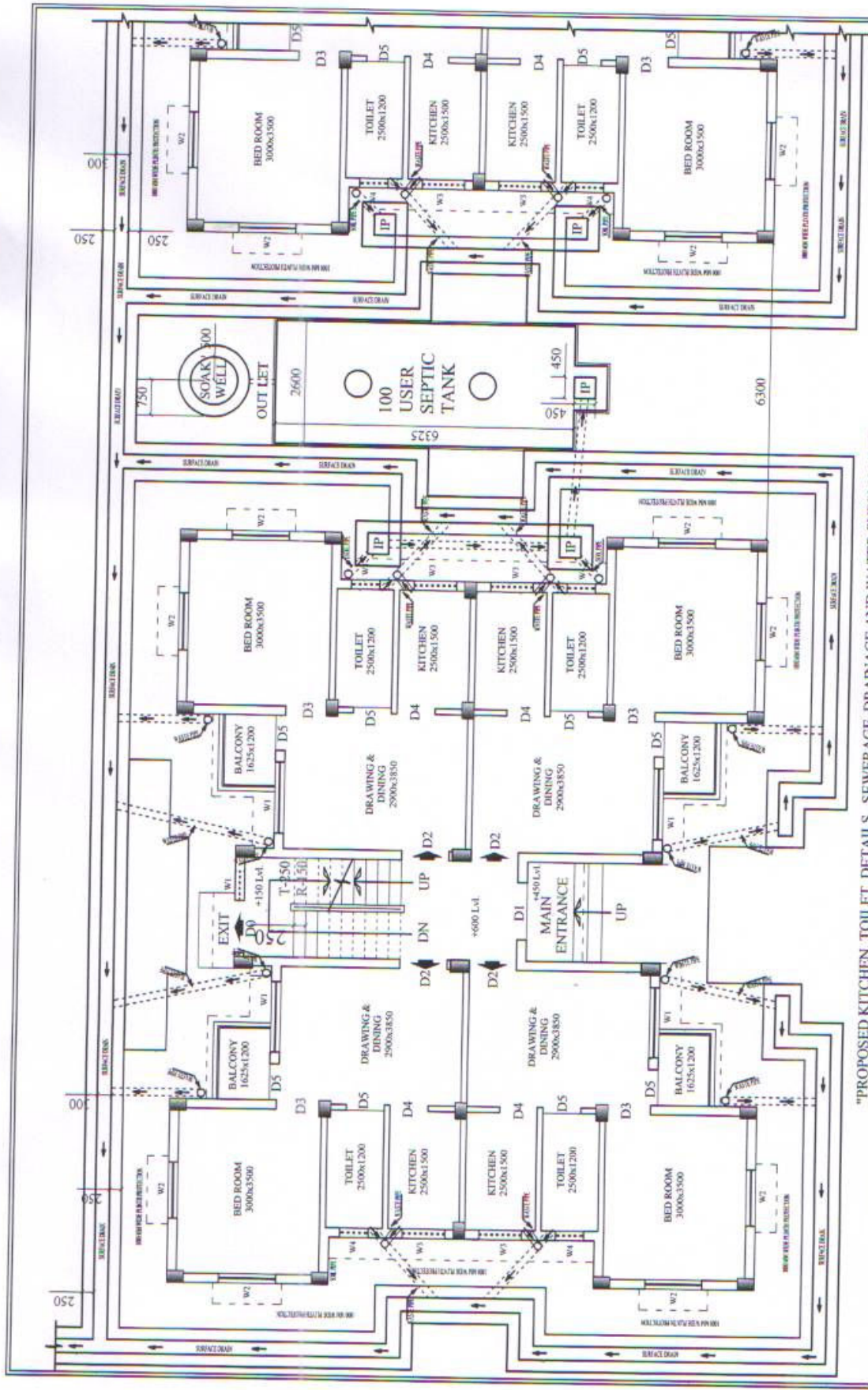
SECTION OF PLINTH PROTECTION & SURFACE DRAIN.



DETAILS OF FLOOR SECTION

TYPE AND HEIGHT		FRAME SIZE		MATERIALS		TYPE, WIDTH, HEIGHT		FRAME SIZE		QUANTITY	
D1	1200	2100	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO
D2	1000	2100	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO
D3	900	2100	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO
D4	800	2100	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO
D5	750	2100	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO
D6	1500	1800	100 X 75	200 X 150	DO	150	150	150	DO	DO	DO

SCHEDULE OF DOORS & WINDOWS:		AREA STATEMENT:		PROJECT NAME:		DRAWINGS:		SCALE:	
		TOTAL NOS. OF UNIT - 16 / BLOCK,		PROPOSED FOUR STOREY BUILDING					
		BUILT UP AREA OF		FOR REHABILITATIONS IN RCF AREA					
		EACH UNIT - 39.12 SQM (421 SQ FT)		AT BHAYNAGAR MOUZA UNDER					
				ASANSOLE SUB-DIVISION, DISTRICT-					
				BURDWAN, WEST BENGAL.					
				HOUSING DEPARTMENT		ASST. ARCHITECT		ENGINEER IN CHIEF	
				K. S. B. S. ROAD, CALCUTTA - 70001		PLANNING DIVISION		HOUSING DEPARTMENT	
						CHIEF ENGINEER		DRG. NO.	



"PROPOSED KITCHEN, TOILET, DETAILS, SEWERAGE, DRAINAGE AND WATER SUPPLY LINE"

SCHEDULE OF DOORS & WINDOWS :

TYPE	NO.	SIZE	FINISH	REMARKS
D1	200	2100	1500	1500
D2	1000	100 X 75	100 X 75	100 X 75
D3	800	2100	100 X 75	100 X 75
D4	800	2100	100 X 75	100 X 75
D5	100	100 X 75	100 X 75	100 X 75
W1	1500	1500	1500	1500
W2	1200	1200	1200	1200
W3	900	900	900	900
W4	600	600	600	600
W5	100	100 X 75	100 X 75	100 X 75

AREA STATEMENT :
 TOTAL NOS. OF UNIT - 16 / BLOCK,
 BUILT UP AREA OF
 EACH UNIT - 39.12 SQM (421 SQFT.)

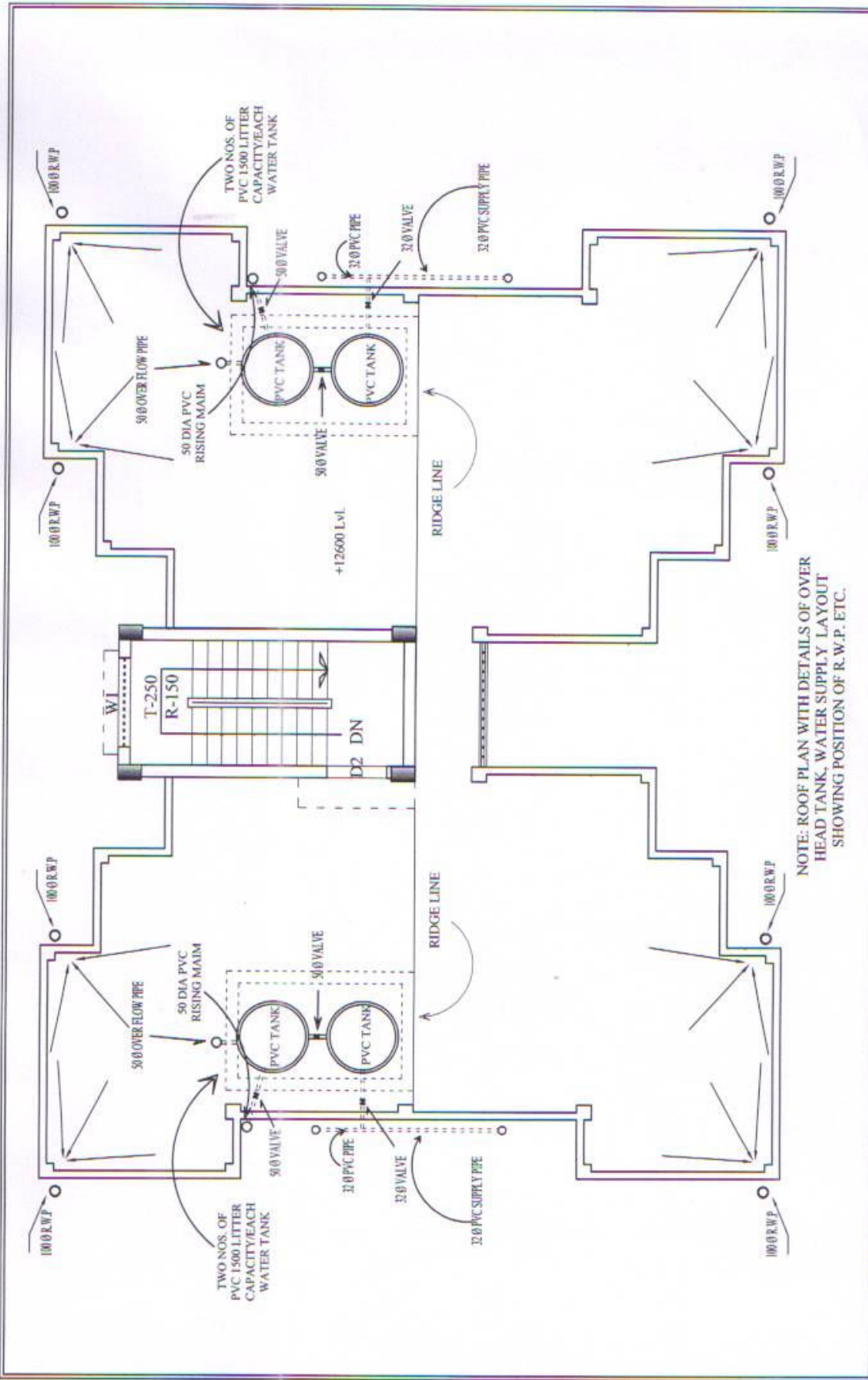
PROJECT NAME :
 PROPOSED FOUR STOREY BUILDING
 FOR REHABILITATIONS IN AREA
 AT BALLYNAGAR MOZA UNDER
 ASANSOLE SUB-DIVISION, DISTRICT-
 BURDWAN, WEST BENGAL.

DRAWINGS :
 HOUSING DEPARTMENT
 GOVT. OF WEST BENGAL
 1, 63 BOY ROAD, KOLKATA - 700 060

DESIGNER :
 ASST. ARCHITECT / ISE ENGINEER - I
 PLANNING SECTION
 HOUSING DEPARTMENT

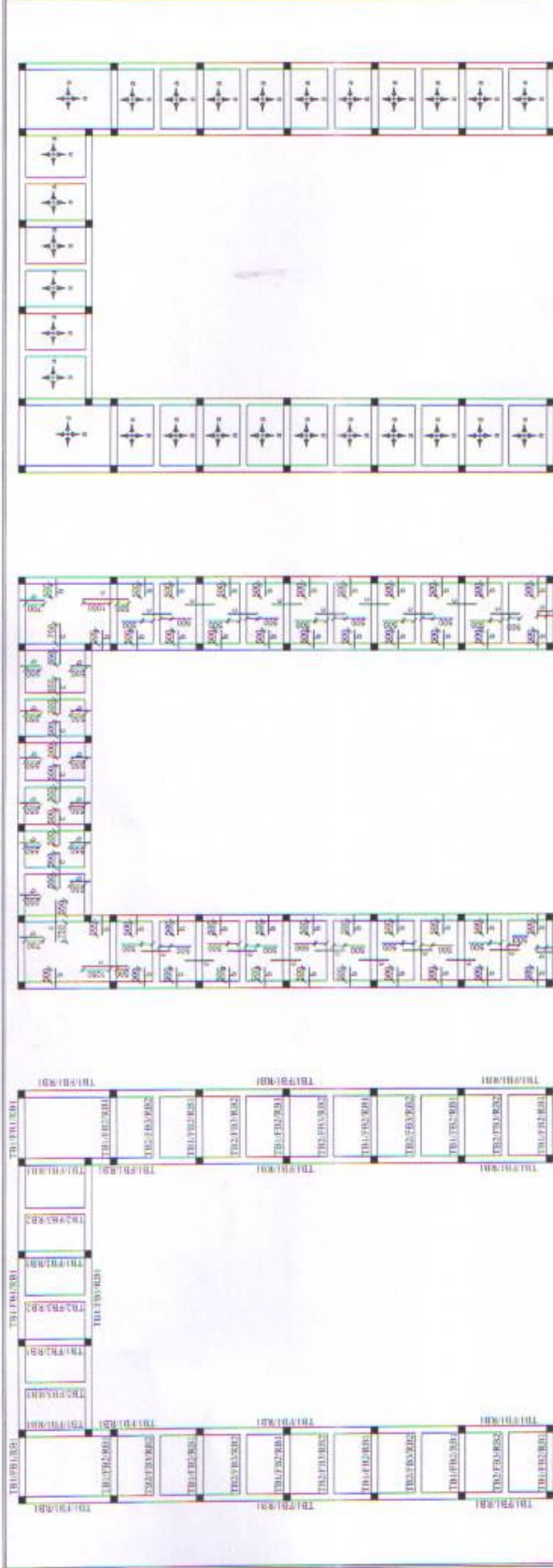
ENGINEER IN CHIEF :
 HOUSING DEPARTMENT

SCALE :
 DRAWN BY - JM
 DRG NO.



NOTE: ROOF PLAN WITH DETAILS OF OVER HEAD TANK, WATER SUPPLY LAYOUT SHOWING POSITION OF R.W.P. ETC.

SCHEDULE OF DOORS & WINDOWS 1.		PROJECT NAME :		DRAWINGS :		SCALE :	
TYPE	HEIGHT	FRAME SIZE	QUANTITY	PROPOSED FOUR STORE BUILDING FOR REHABILITATIONS IN RCF AREA AT BLOYNAGAR MOUZA UNDER ASANSOLE SUB-DIVISION, DISTRICT BURDWAN, WEST BENGAL.		DRAWN BY - SM	
D1	1200	2100	100	TOTAL NOS. OF UNIT - 16 / BLOCK.		ENGINEER IN CHIEF HOUSING DEPARTMENT	
D2	1000	2100	100	BUILT UP AREA OF EACH UNIT: 39.12 SQM (421 SQFT).		DRAWING DIRECTOR	
D3	800	2100	100	GOVT. OF WEST BENGAL		CHIEF ENGINEER HOUSING DEPARTMENT	
D4	800	2100	100	URDUPUR		ASST. ARCHITECT	
D5	750	2100	100	PLANNING DIVISION		EXEC. ENGINEER - I	
D6	750	2100	100	URDUPUR		PLANNING DIRECTOR	
D7	750	2100	100	URDUPUR		CHIEF ENGINEER HOUSING DEPARTMENT	
D8	750	2100	100	URDUPUR		ENGINEER IN CHIEF HOUSING DEPARTMENT	
D9	750	2100	100	URDUPUR		DRAWING DIRECTOR	
D10	750	2100	100	URDUPUR		CHIEF ENGINEER HOUSING DEPARTMENT	



THE BEAM, FLOOR-BEAM AND ROOF BEAM LAYOUT PLAN

TOP REINFORCEMENT OF BOTH FLOOR AND ROOF SLABS

BOTTOM REINFORCEMENT OF BOTH FLOOR AND ROOF SLABS

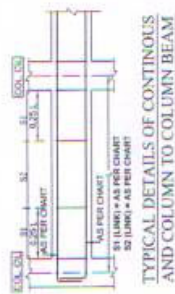
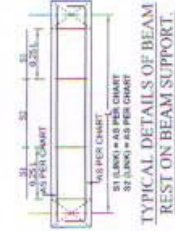
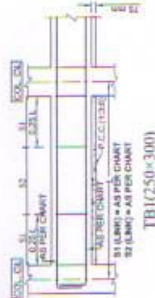
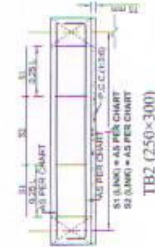
THE BEAM, FLOOR BEAM AND ROOF BEAM REINFORCEMENT DETAILS

BEAM MARK	SIZE (BxD)	TOP REINF	BOTTOM REINF	LINK AT SUPPORT S1 AND SPAN S2	LINK AT MID SPAN S1
TB1	250x300	3A12	3A12	4A12	4A12
TB2	250x300	3A12	3A12	4A12	4A12
FB1	250x300	3A16	2A16+1A12	4A16	4A16
FB2	250x300	3A16	3A12	4A16	4A16
FB3	250x300	3A12	3A12	4A16	4A16
RB1	250x300	3A12	3A12	4A16	4A16
RB2	250x300	3A12	3A12	4A16	4A16

SLAB REINFORCEMENT

BAR MARK	DIA & SPACING	SIZE (BxD)
1	8@ 200 c/c	BOTTOM
2	8@ 200 c/c	TOP
3	8@ 200 c/c	TOP
4	8@ 200 c/c	DIST

4" - DISTRIBUTION REINFORCEMENT
SLAB THICKNESS 100 mm

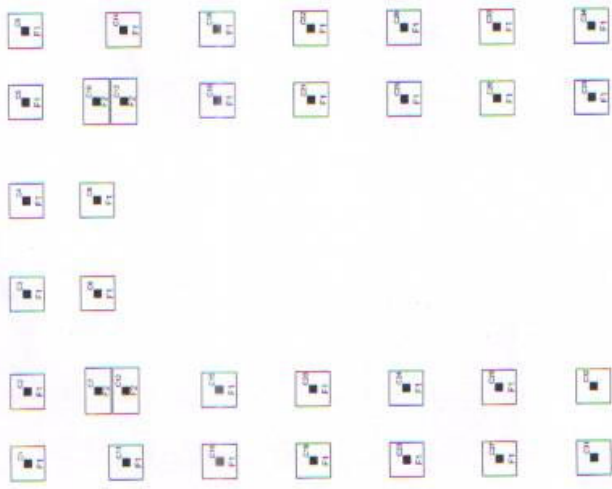
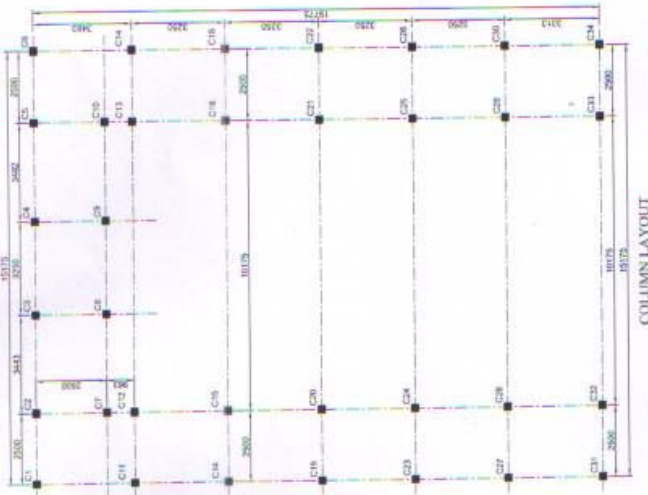


NOTES

- ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE MENTIONED ONLY WRITTEN DIMENSION TO BE FOLLOWED.
- COVER TO MAIN REINFORCEMENT -
SLAB - 20 MM
COLUMN - 40 MM
BEAM - 25 MM
GRADE OF CONCRETE IS M20.
- GRADE OF STEEL IS Fe415.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
- LAP LENGTH & DEVELOPMENT LENGTH SHOULD BE PROVIDED AS PER IS 456:2000 & SP 34:1987.
- SUITABLE CHAIR BARS SHOULD BE PROVIDED AT SITE TO HOLD THE TOP BARS IN SLAB.
- REINFORCEMENT DETAILING SHOULD BE DONE AS PER IS 456:2000 AND SP-34 UNLESS OTHERWISE SHOWN IN THIS DRAWING.
- MENTIONMENT OF REINFORCEMENTS AT BEAM COLUMNS & BEAM BEAM JUNCTION SHOULD BE DONE AS PER SP-34 & IS 1920.
- BEARING CAPACITY OF SOIL IS TAKEN AS 150 KN / SQM

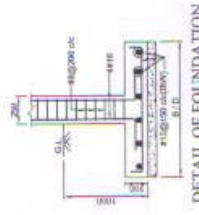
GOVT. OF WEST BENGAL HOUSING DIRECTORATE

1, K.S. ROY ROAD, KOLKATA - 700 001
PROPOSED MARKET COMPLEX BUILDING FOR REHABILITATION IN B.C.F. AREA AT BIDDY NAGAR MOUZA UNDER ANSONOU SUB-DIVISION, DIST-BURDWAN
DRAWN BY - A. C. PHIL
APPROVED
ASSISTANT ENGINEER
PANCHAYAT
SUPERVISOR
DISTRICT HOUSING
OFFICE
KOLKATA



DETAILS OF COLUMNS AND FOUNDATION

COLUMN MARK	SIZE (B*H)	MAIN REINF.	LINK	FOOTING MARK	FOOTING SIZE	FOOTING REINFORCEMENT
C7, C16, C17, C18	250x250	4#16	4#16 @ 200 AC	F7	160x160 AC	#16 @ 120 AC (B&H)
REST COLUMNS	250x250	4#16	4#16 @ 200 AC	F1	120x120	#16 @ 120 AC (B&H)



GOVT. OF WEST BENGAL
HOUSING DIRECTORATE
1, K.S. ROY ROAD, KOLKATA - 700 001

PROPOSED MARKET COMPLEX BUILDING FOR REHABILITATION IN R.C.J AREA AT BELJOY NAGAR MOUZA UNDER ASONSOL SUB-DIVISION, DIST-BURDWAN	COLUMN LAYOUT AND FOUNDATION FOUNDATION	DRAWN BY: A. K. PAL
APPROVED		
ASSISTANT ENGINEER PLANNING DIVISION	EXECUTIVE ENGINEER PLANNING DIVISION	CHIEF ENGINEER HOUSING DEPARTMENT

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE MENTIONED ONLY
 - WRITE DIMENSION TO BE FOLLOWED
 - GRADE OF CONCRETE IS M25
 - GRADE OF STEEL IS Fe-500D
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS
 - LENGTH OF REINFORCEMENT LENGTH SHOULD BE PROVIDED AS PER IS 456:2000 & SP-34:1987
- NOTES**
- SUITABLE CHAIR DARS SHOULD BE PROVIDED AT SITE TO HOLD THE TOP REINFORCEMENT
 - REINFORCEMENT DETAILING SHOULD BE DONE AS PER IS - 456:2000 AND SP-34 DRAWING UNLESS OTHERWISE SHOWN IN THIS DRAWING
 - ARRANGEMENT OF REINFORCEMENTS AT BEAM-COLUMN & BEAM-BEAM JUNCTION SHOULD BE DONE AS PER SP-34 & IS:1320
 - BEARING CAPACITY OF SOIL IS TAKEN AS 150 KSV/SQM