

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. 106/1W – 372

Dated : 25/01/2018

1st Corrigendum to e-NIT No. 15 of 2017-18 vide Memo No. 16/1W – 372 Dated 05/01/2018 of the Superintending Engineer, West Circle, Housing Directorate (erstwhile Housing Construction Circle No. II).

TENDER REFERENCE NO. :- **WBHOUSING/SE/HCC-II/e-NIT-15/2017-2018**

Tender ID :- Tender ID :- **2018_HSD_147171_1**

Name of work :- Construction of 1904 of flats alongwith other amenities, at Namokeshia Mouza in Raniganj area, Asansol under RCFA Project at Raniganj for rehabilitation

Sl. No.	Description	In Place of	Please Read As
1	Tower crane up to 25 m (G+4) height (Page No. 44, Clause 2.5 Sl. No.3) & Page No. 51, Form 4	2 nos.	Deleted
2	Construction elevator (Page No. 44, Clause 2.5 Sl. No.4) & Page No. 51, Form 4	8 nos.	Deleted
3	Concrete pump (Page No. 44, Clause 2.5 Sl. No.8) & Page No. 51, Form 4	6 nos.	2 nos.
4	Additional Equipment	Nil	Mini Batching Plant 30 cum per hour for concrete work as & when required (optional) Minimum 1 (one) no. (Page No. 44, Clause 2.5 Sl. No.11)
5	Page No. 44, 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. 25, Clause 13.4)	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. 69 Form 17 Remain unchanged) Additional Note added (Section 4, Form-22)	-----	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	(Section 4, Form-22)	<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 119 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 (1 No.)	
		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 (1 No.)	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. 25 Clause 11.3	<p>The Financial Bid shall comprise of the Bill of Quantity (BOQ) in the specified format, being the cost for Construction of 1904 of flats alongwith other amenities, at Namokeshia Mouza in Raniganj area, Asansol under RCFA Project at Raniganj for rehabilitation inclusive of all taxes and charges.</p> <p>N.B. – (1) The bidder is to quote the rate online in the space marked for quoting rate in the BOQ.</p> <p>(2) Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder.</p> <p>(3) The rate quoted also include costs of i) buildings including sanitary & plumbing works & electrical works, ii) school building 1(one) no. including sanitary & plumbing works & electrical works, iii) market complex 2 (two) nos. including sanitary & plumbing works & electrical works, iv) community hall 1 (one) no. including electrical works. In other words, no money over and above the total rate quoted in the BOQ will be paid by the Employer to the Selected Bidder/ Contractor and the bidder should accordingly bid for the Project.</p> <p>(4) Variation in consumption in contrary to BOQ will be taken careof accordingly.</p>	<p>The Financial Bid shall comprise of the specification given in the BOQ in the specified format inclusive of all taxes and charges.</p> <p>N.B. – (1) The bidder is to quote the rate online in the space marked for quoting rate in the BOQ.</p> <p>(2) Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder.</p> <p>(3) The rate quoted also include costs of i)buildings including sanitary & plumbing works & electrical works, bidder should accordingly bid for the Project.</p> <p>(4) Deleted</p> <p>(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.</p>
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

All other details remain unchanged.

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

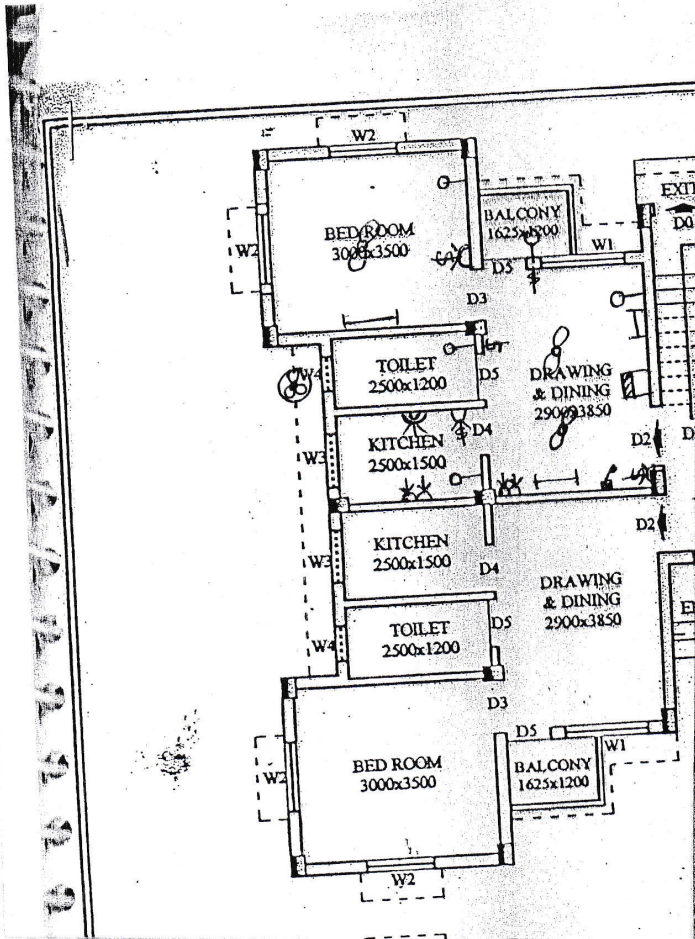
Memo No. 106/1(22)/1W – 372

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 —
11200 LVL.

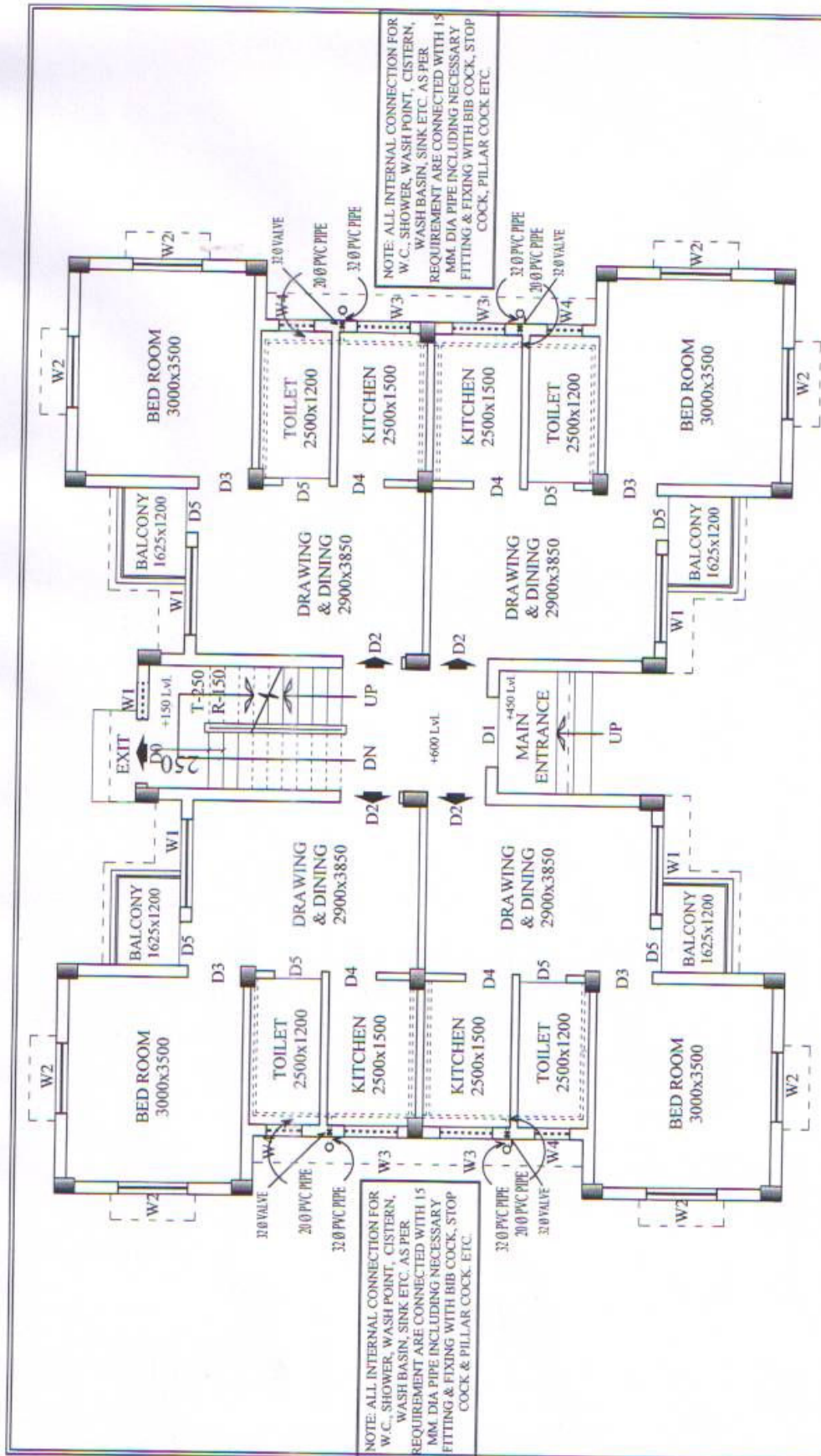
1000 R.F.F.

1000 R.F.F.

11200 LVL.

[Signature] 24/01/2018

Superintending Engineer (Elec)
Housing & Planning Works (P.W.D.)
Govt. of West Bengal

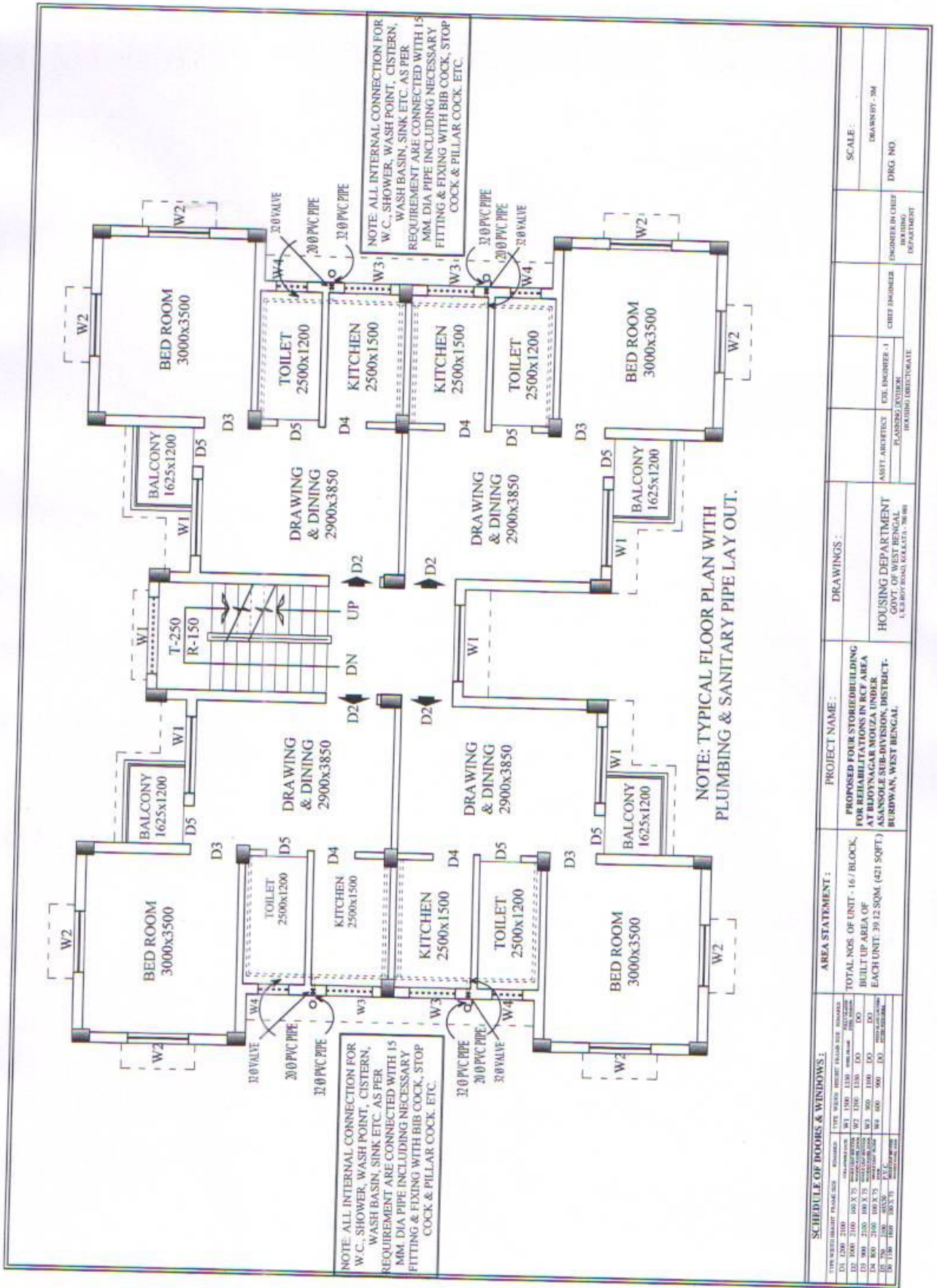


NOTE: ALL INTERNAL CONNECTION FOR W.C., SHOWER, WASH POINT, CISTERN, WASH BASIN, SINK ETC. AS PER REQUIREMENT ARE CONNECTED WITH 15 MM DIA PIPE INCLUDING NECESSARY FITTING & FIXING WITH BIB COCK, STOP COCK, PILLAR COCK, ETC.

NOTE: ALL INTERNAL CONNECTION FOR W.C., SHOWER, WASH POINT, CISTERN, WASH BASIN, SINK ETC. AS PER REQUIREMENT ARE CONNECTED WITH 15 MM DIA PIPE INCLUDING NECESSARY FITTING & FIXING WITH BIB COCK, STOP COCK & PILLAR COCK, ETC.

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

SCHEDULE OF DOORS & WINDOWS :		PROJECT NAME :		DRAWINGS :		SCALE :	
TYPE	HEIGHT	FRAME SIZE	REMARKS	PROPOSED FOUR STORE BUILDING FOR REHABILITATIONS IN BCF AREA AT BLOYTAGAR MOUZA UNDER ASANSOLE SUB-DIVISION, DISTRICT- BURDWAN, WEST BENGAL.		DRAWING NO. 58	
D1	2100	2100	1500	TOTAL NOS. OF UNIT - 16 / BLOCK, BUILT UP AREA OF EACH UNIT: 3912.5SQM (421 SQFT)		DRG NO.	
D2	1800	1800	1200	HOUSING DEPARTMENT GOVT. OF WEST BENGAL, 1, C.S. ROAD, CALCUTTA - 70001		ENGINEER IN CHIEF HOUSING DEPARTMENT	
D3	1500	1500	900	PLANNING DIVISION		CHIEF ENGINEER HOUSING DEPARTMENT	
D4	1200	1200	600	ARCHT. ARCHITECT		ENGINEER ARCHT. HOUSING DEPARTMENT	
D5	900	900	600	HOUSING DIRECTORATE			
D6	1000	1000	1000				
D7	1000	1000	1000				
D8	1000	1000	1000				
D9	1000	1000	1000				
D10	1000	1000	1000				



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	1300	1800	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 SAHU ROAD, CALCUTTA - 700 001

SCALE :

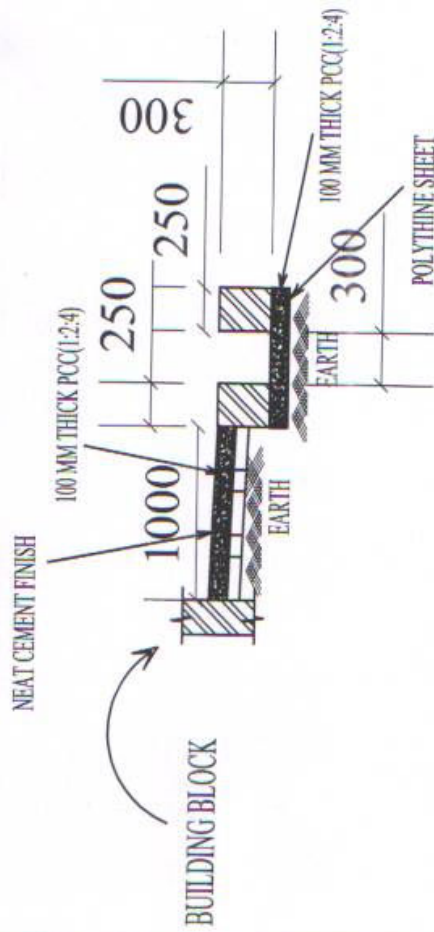
DRAWN BY - SM
 CHECKED BY -
 INCHARGE IN CHIEF
 HOUSING DEPARTMENT

DRG NO.

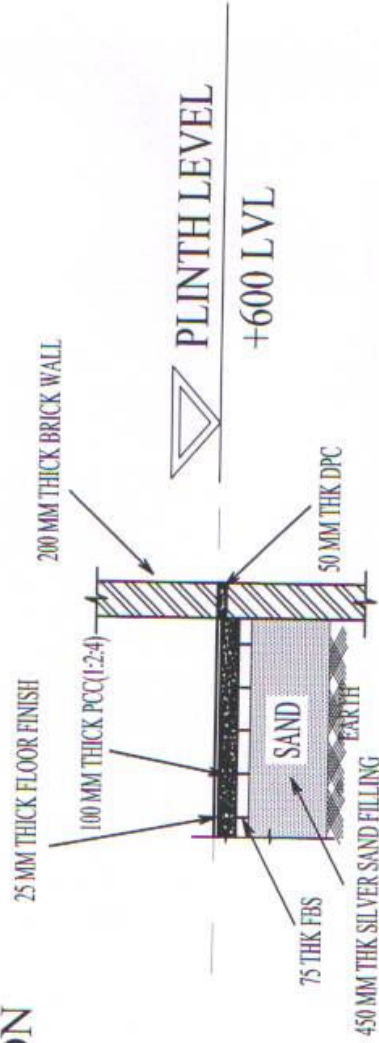
PLANNING ENGINEER
 CIVIL ENGINEER - I
 HOUSING DEPARTMENT

NOTE: ALL INTERNAL CONNECTION FOR W.C., SHOWER, WASH POINT, CISTERN, WASH BASIN, SINK ETC. AS PER REQUIREMENT ARE CONNECTED WITH 15 MM. DIA PIPE INCLUDING NECESSARY FITTING & FIXING WITH BIB COCK, STOP COCK & PILLAR COCK. ETC.

NOTE: ALL INTERNAL CONNECTION FOR W.C., SHOWER, WASH POINT, CISTERN, WASH BASIN, SINK ETC. AS PER REQUIREMENT ARE CONNECTED WITH 15 MM. DIA PIPE INCLUDING NECESSARY FITTING & FIXING WITH BIB COCK, STOP COCK & PILLAR COCK. ETC.

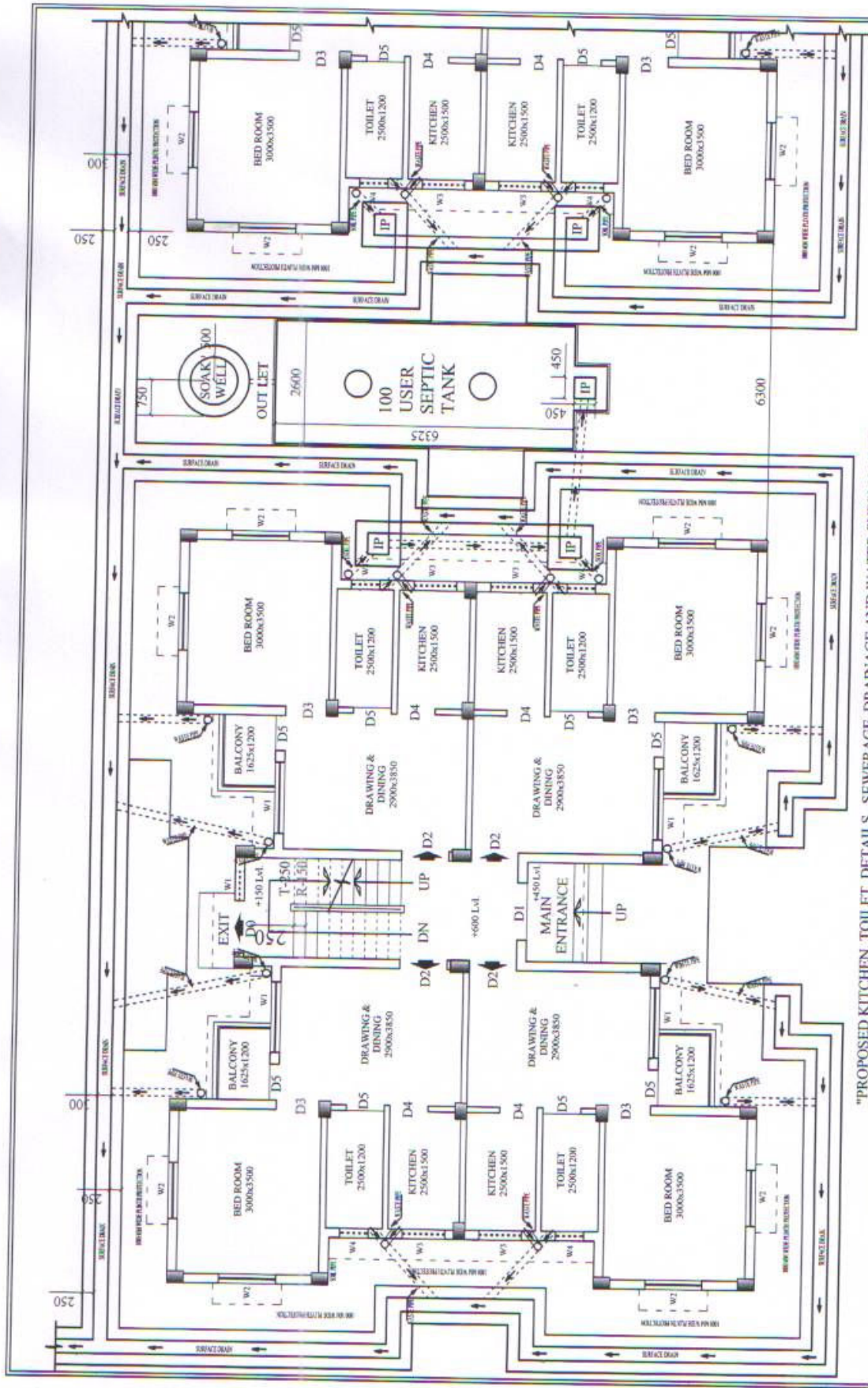


SECTION OF PLINTH PROTECTION & SURFACE DRAIN.



DETAILS OF FLOOR SECTION

SCHEDULE OF DOORS & WINDOWS:		AREA STATEMENT:		PROJECT NAME:		DRAWINGS:		SCALE:	
TYPE	NO.	TYPE	AREA	PROPOSED FOUR STOREY BUILDING FOR REHABILITATIONS IN RCF AREA AT BHAYANAGAR MOUZA UNDER ANSANGLE SUB-DIVISION, DISTRICT-BURDWAN, WEST BENGAL.				DRAWN BY - SM	
D1	1200	2100	2520	TOTAL NOS. OF UNIT - 16 / BLOCK, BUILT UP AREA OF EACH UNIT - 39.12 SQM (421 SQ FT)				ENGINEER IN CHIEF HOUSING DEPARTMENT	
D2	1000	2100	2100					DRAWING DIVISION	
D3	800	2100	1680					CHIEF ENGINEER	
D4	800	2100	1680					ASST. ARCHITECT	
D5	750	1100	825					PLANNING DIVISION	
D6	1100	1800	1980					HOUSING DIRECTORATE	
								DEPARTMENT	



"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	1500	1500	1500	1500
W3	900	1100	1100	1100
W4	600	900	900	900
W5	100	100 X 75	100 X 75	100 X 75
W6	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.)

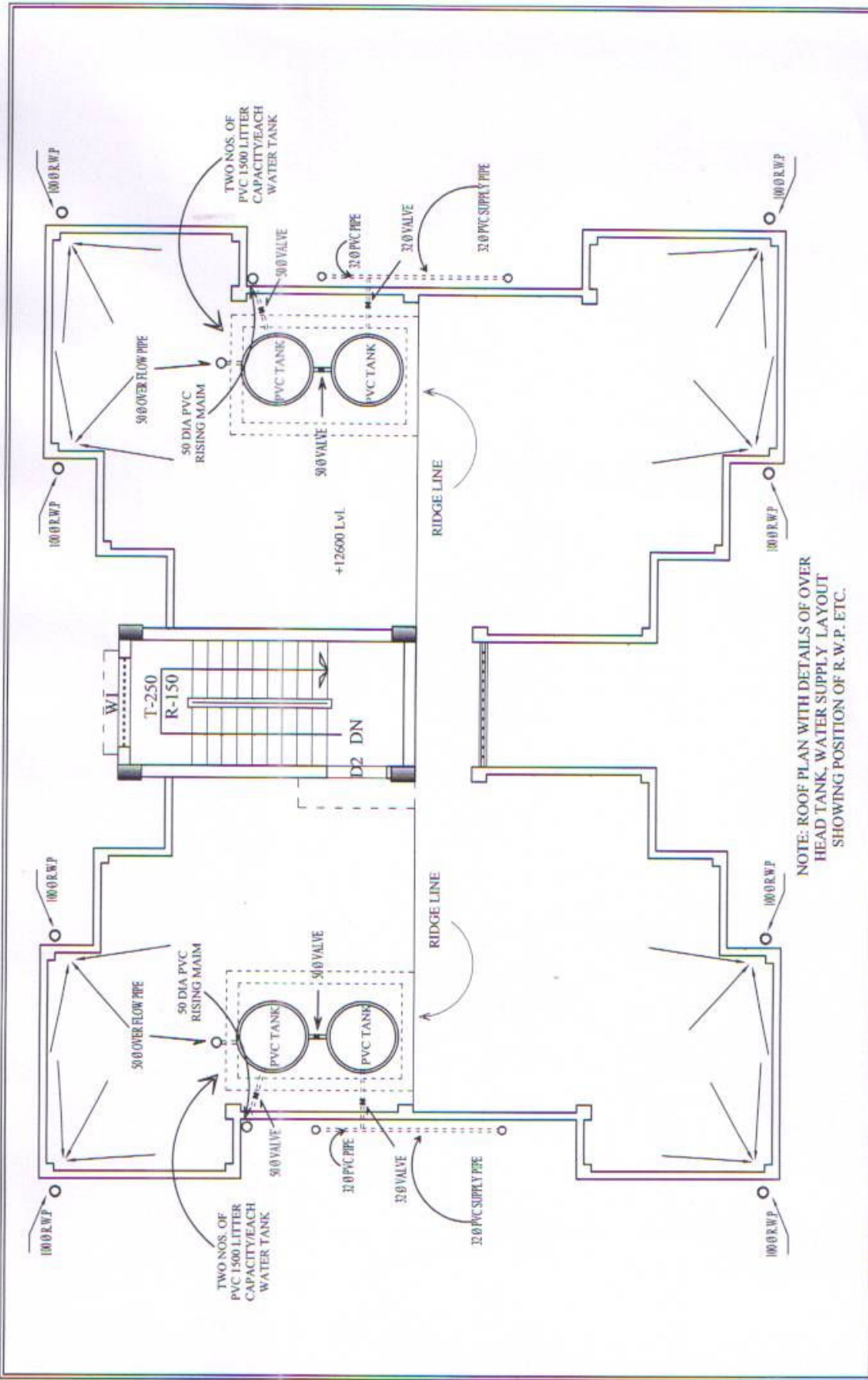
PROJECT NAME :
 PROPOSED FOUR STOREY BUILDING
 FOR REHABILITATIONS IN
 AT BARDHAGAR MOZA UNDER
 ASANSOLE SUB-DIVISION, DISTRICT-
 BURDWAN, WEST BENGAL.

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

DESIGNER :
 ASST. ARCHITECT
 PLANNING SECTION
 HOUSING DEPARTMENT

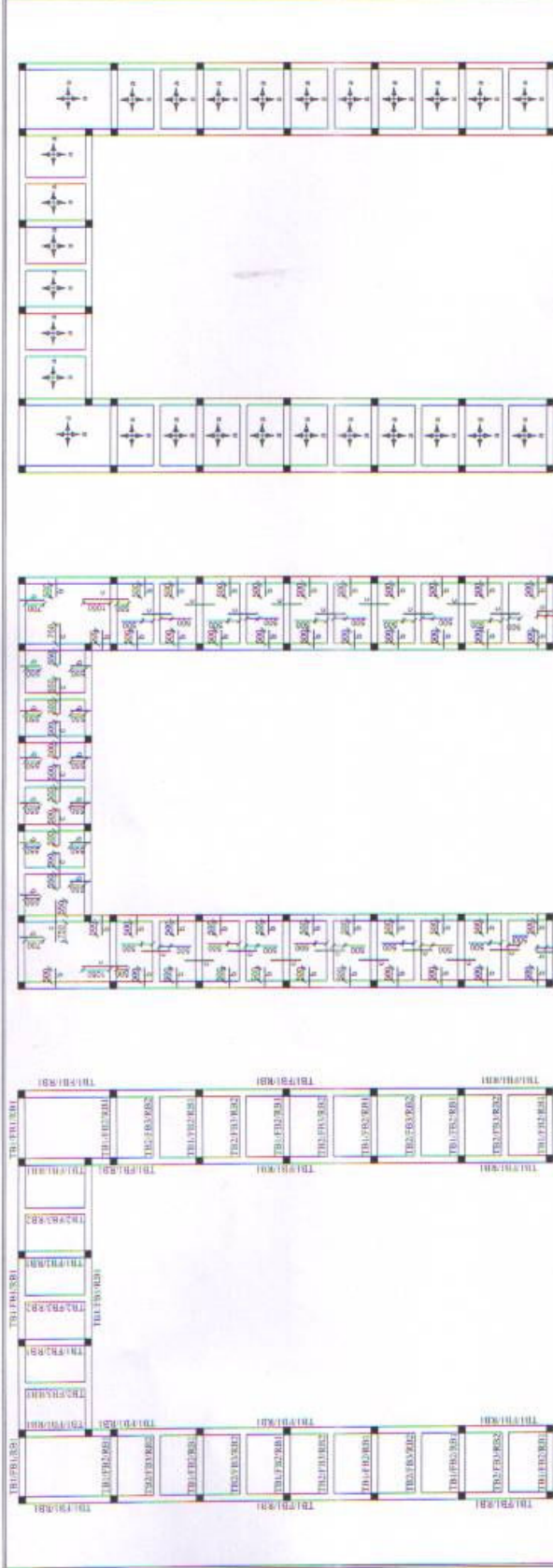
ENGINEER IN CHIEF :
 HOUSING DEPARTMENT

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		PROJECT NAME :		DRAWINGS :		SCALE :	
TYPE	NO.	NO.	DESCRIPTION	PROPOSED FOUR STORE BUILDING FOR REHABILITATIONS IN RCF AREA AT BHOYNAGAR MOUZA UNDER ASANSOLE SUB-DIVISION, DISTRICT BURDWAN, WEST BENGAL.		DRAWN BY - SM	
D1	100	100	100 X 75	TOTAL NOS. OF UNIT - 16 / BLOCK. BUILT UP AREA OF EACH UNIT: 39.12 SQM (421 SQFT)		DRG. NO.	
D2	100	100	100 X 75	HOUSING DEPARTMENT GOVT. OF WEST BENGAL, URBAN PLAN (H.A.C.) - 1000		ENGINEER IN CHIEF HOUSING DEPARTMENT	
D3	100	100	100 X 75	ASST. ARCHITECT		CHIEF ENGINEER	
D4	100	100	100 X 75	PLANNING SUPERVISOR		HOUSING DIRECTOR/IN-CHARGE	
D5	100	100	100 X 75	HOUSING DIRECTOR/IN-CHARGE			



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

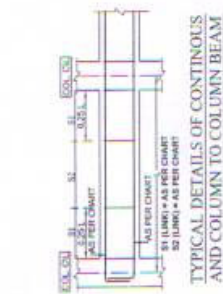
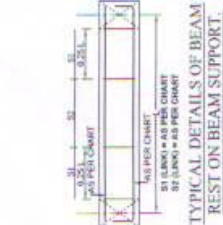
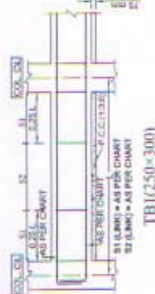
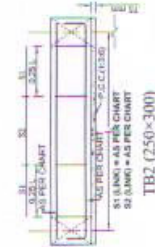
THE BEAM, FLOOR BEAM AND ROOF BEAM REINFORCEMENT DETAILS

BEAM MARK	SIZE (BxD)	TOP REINF	BOTTOM REINF	LINK AT SUPPORT S1 AND SPAN S2	LINK AT MID SPAN S1
TB1	250x300	3A12	3A12	4A8@75 c/c	4A8@75 c/c
TB2	250x300	3A12	3A12	4A8@75 c/c	4A8@150 c/c
FBI	250x300	3A16	2A16+1A12	4A8@100 c/c	4A8@150 c/c
FBI	250x300	3A16	3A12	4A8@100 c/c	4A8@175 c/c
FBI	250x300	3A12	3A12	4A8@100 c/c	4A8@150 c/c
RB1	250x300	3A12	3A12	4A8@100 c/c	4A8@150 c/c
RB2	250x300	3A12	3A12	4A8@100 c/c	4A8@175 c/c

SLAB REINFORCEMENT

BAR MARK	DIA & SPACING	SIZE (BxD)	LOCATION
1	8@ 50, 200 c/c	8@ 50	BOTTOM
2	8@ 50, 200 c/c	8@ 50	TOP
3	8@ 50, 200 c/c	8@ 50	TOP
4	8@ 50, 200 c/c	8@ 50	DIST

4" - DISTRIBUTION REINFORCEMENT
SLAB THICKNESS 100 mm



NOTES

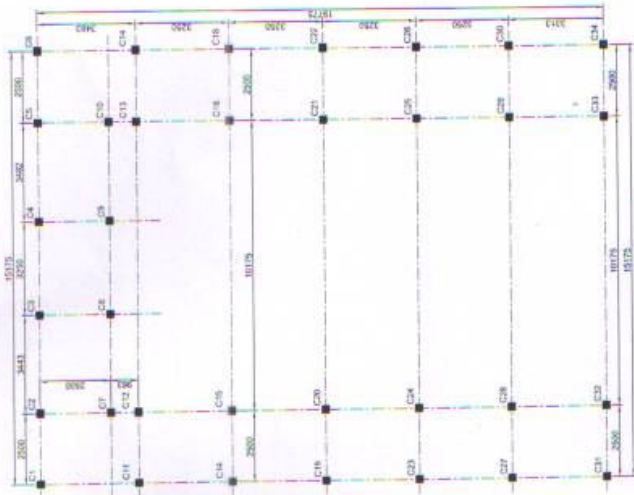
- ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE MENTIONED ONLY WRITTEN DIMENSION TO BE FOLLOWED.
- COVER TO MAIN REINFORCEMENT -
SLAB - 20 MM
COLUMN - 40 MM
BEAM - 40 MM
GRADE OF CONCRETE IS M20.
- GRADE OF STEEL IS Fe415.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
- 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 BIDY NAGAR HOJAZA UNDER ANSONSU SUB-DIVISION, DIST-BURDWAN
DRAWN BY - A. K. PHIL
APPROVED

ASSISTANT ENGINEER
PANCHAYAT OFFICE
KALINDI, DIST. BURDWAN

ENGINEER
HOUSING DEPARTMENT
KOLKATA



COLUMN LAYOUT



FOUNDATION

DETAILS OF COLUMNS AND FOUNDATION

COLUMN MARK	SIZE (B*H)	MAIN REINF.	LINK	FOOTING MARK	FOOTING SIZE	FOOTING REINFORCEMENT
C7, C10, C12, C13	250*250	4#16	10# 10 @ 200 GC	F7	1000*900	#10 @ 150 GC (B&H)
REST COLUMNS	250*250	4#16	10# 10 @ 200 GC	F1	1200*1200	#10 @ 150 GC (B&H)



DETAIL OF FOUNDATION

**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

DESIGNED BY: A. K. PAL

APPROVED

ASSISTANT ENGINEER
PLANNING DIVISION

EXECUTIVE ENGINEER
PLANNING DIVISION

CHIEF ENGINEER
HOUSING DEPARTMENT

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE MENTIONED ONLY.
 2. GRADE OF CONCRETE IS M25.
 3. GRADE OF STEEL IS F-60RD.
 4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
 5. FOUNDATION BEARING CAPACITY SHOULD BE PROVIDED AS PER IS 456:2000 & SP-34:1987.
 6. ALL DIMENSIONS OF COLUMN LENGTH SHOULD BE PROVIDED AS PER IS 456:2000 & SP-34:1987.
 7. SUITABLE CHAIR BARS SHOULD BE PROVIDED AT SITE TO HOLD THE TOP REINFORCEMENT DETAILING SHOULD BE DONE AS PER IS-456:2000 AND SP-34 DRAWING UNLESS OTHERWISE SHOWN IN THIS DRAWING.
 8. ARRANGEMENT OF REINFORCEMENTS AT BEAM-COLUMN & BEAM-BEAM JUNCTION SHOULD BE DONE AS PER SP-34 & IS:1920.
 9. BEARING CAPACITY OF SOIL IS TAKEN AS 150 KSV/SQM.

The Name Market Complex, Bury