

MW

TECHNICAL REPORT

NAME OF WORK----- RENOVATION WORK OF RECORD ROOM AT MULTAI BRANCH

NECESSITY----- BANK BRANCH

ESTIMATED COST-----327437.00
(IN WORD --- THREE LAKH TWENTY SEVEN THOUSAND FOUR HUNDRED THIRTY SEVEN RS. ONLY)

- PROVISIONS -----PROVISIONS HAVE BEEN MADE AS UNDER
- 1.R.C.C FRAMED STRUCTURE WITH COLUMN FOOTING
 - 2.P.C.C WORK M10
 - 3 BRICK WORK WELL BRUNT OPEN BHATTA WITH MORTAR 1:6
 - 4.6 \$ 15MM THICK CEMENT PLASTER WITH MORTAR 1:6
 - 5.FEBRICATION WORK
 6. PAINTING WORK
 7. ALUMINIUM WORK
 8. WATER PROOFING

S.O.R ----- ALL ITEMS & SPECIFICATIONS HAVE BEEN TAKEN FROM SCHEDULE OF RATES FOR P.W.D
EFFECTED FROM "15-09-2022;

T.S No. 38/EEF of 2023-24
 Technical sanctioned for Rs. 2.77
 By Yashdeep Sawant
 Seven thousand only.

Executive Engineer
 P.W.D. (B/R) Betul Dist.
 Betul (M.P.)

[Signature]
 JUNIOR ENGINEER
 D.C.C.B. BETUL

DISTRICT CENTRAL CO-OPERATIVE BANK BETUL (M.P) HEAD OFFICE
RENOVATION WORK OF RECORD ROOM AT MULTAI BRANCH
S.O.R.M.P.PWD WITH EFFECT FROM DATE 15/09/2022
(ABSTRACT ESTIMATE)

S.NO.	particular of items of work	No	L	B	D/H	QUANTITY	UNIT	RATE	AMOUNT
2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical (means) All kinds of soil COLUMN PITS	5	1.40	1.40	1.40	13.72	CUM		
	TOTAL QTY.					13.72	M2	129.00	1770.00
32	Preconstruction antitermite treatment to the building under construction by providing. COMPLETE PROCESS WILL BE IN FOUR STAGE								
	TOTAL PLINTH AREA	1.00	6.33	5.66		15.82	M2		
	TOTAL QTY.					15.82	M2	136.00	4872.00
4.1.2.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work upto plinth level : with 40mm nominal size graded stone aggregate. M-10 Nominal (Mix -1 Cement : 3 sand : 6 graded stone aggregate) COLUMN PITS	5	1.40	1.40	0.15	1.470	CUM		
	TOTAL QTY.					1.470	CUM	3808.00	5598.00
5.1	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal SIZE GRADED STONE Aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 5.1.1 M-20 M-20 Grade Concrete FOOTING COLUMN GODOWN PLINTH BEAM PB/PB PB/PB (5.02+ 4.84+ 4.62 ==14.48 M PB1/PB1 (5.70 + 5.00 ==10.70 M	5.00 5.00 1.00 1.00	1.20 0.85 14.48 10.70	1.20 0.20 0.20 0.20	0.40 0.30 0.30 0.30	2.880 0.255 0.868 0.642	CUM CUM CUM CUM		
	TOTAL QTY.					4.645	CUM	6153.00	28581.00
2.24	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. COLUMN PITS P.C.C. FOOTING COLUMN	5.00 5.00 5.00	1.40 1.20 0.85	1.40 1.20 0.20	0.15 0.40 0.30	1.470 2.880 0.255	CUM CUM CUM		
	TOTAL QTY. (13.72+---4.605)===					9.120	CUM	72.00	657.00
5.3.1	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spira staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade. 5.3.1 M-20 M-20 Grade Concrete								

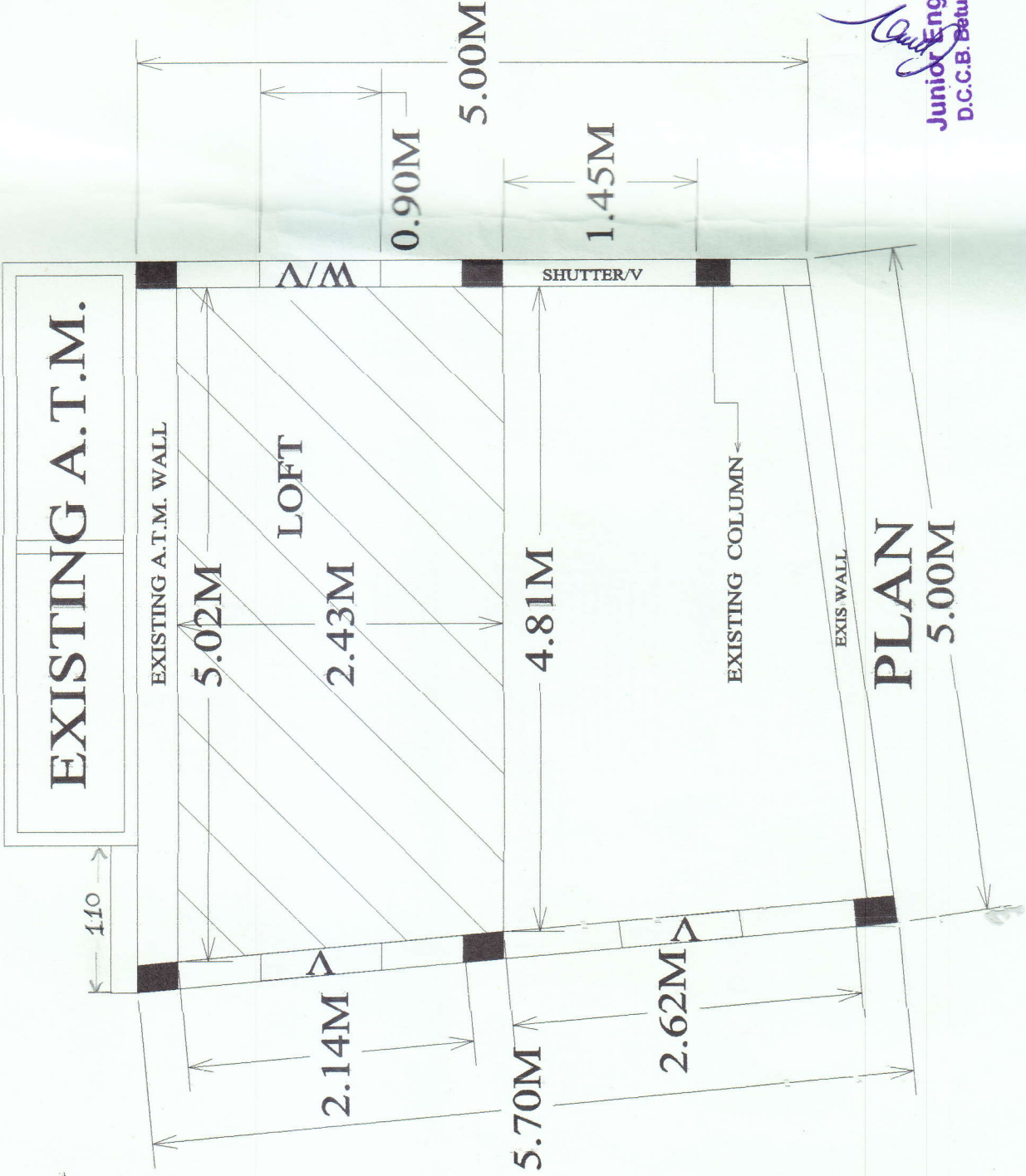
D.C. Bawal (M.P.)
 Junior Engineer

SHORT WALL PASSEGE	1.00	5.00				3.30	16.500	M2		
INNER SIDES	1.00	1.10				3.30	3.630	M2		
LONG WALL	1.00	5.26				3.30	17.358	M2		
SHORT WALL	1.00	4.63				3.30	15.279	M2		
PASSEGE	1.00	1.10				3.30	3.630	M2		
TOTAL QTY.										168.00
DEDUCTION	2.00	1.45	2.10				3.045	M2		
SHUTTER	1.00	1.20	0.90				1.08	M2		
WINDOW							4.13	M2	168.00	12052.00
TOTAL QTY. 75.87--4.13 ==71.74 M2										
6 mm cement plaster of mix : 1:3 (1 cement : 3 sand)	1.00	4.92				2.43	11.955	M2		
LOFT ===5.02 +4.81 ==9.83/2==4.92 M	1.00	4.81				0.12	0.577	M2		
SIDES							12.532	M2	144.00	18046.00
TOTAL QTY.										
FINISHING WALL WITH DELUX MULTI SURFACE PAINTING SYSTEM FOR IN INTERIOR AND EXTERIOR USHING PRIMER AS PER MANUFACTURE SPECIFICATION (TWO OR MORE COATS APPLIED ON WALL @ 1.25LTS. /10M2 OVER AND I/C PRIMING COAT OF EXTERIOR PRIMER App@ 2.20KG/10M2 AS PER PLASTER QTY.	TOTAL QUANTITY									
Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete	TOTAL QUANTITY									
Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of APD/Chief Engineer will be required	TOTAL QUANTITY									
Internal wall							84.272	M2	81.00	6826.00
Providing and fixing M.S. grills of required pattern in frames of windows etc with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	TOTAL QUANTITY									
Fixed to steel windows by welding.	TOTAL QUANTITY									
M.S. GRILLS	1.00	1.20				0.90	1.08			
VENTILATION	4.00	0.45				0.90	1.62			
PASS EGE GATE	1.00	1.20				1.80	2.16			
TOTAL QUANTITY										160.00
Supplying and fixing rolling shutters of approved make made of required size m.s. laths inter locked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with bracket sides guides and arrangement for in sides and out sides lockin with push and pull operation complete i/c the cost of providing and fixing necessary 27.5cm long wire springs grade no.2 and m.s. top cover of required thickness for rolling shutter	TOTAL QUANTITY									
80x 1.25 mm m.s. laths with 1.25mm thick top cover front	1.00	1.55	2.30				3.57			
	1.00	1.90	2.60				4.94			
	1.00	2.00	2.50				5.00			
TOTAL QUANTITY										13.51
Providing and fixing ball bearing for rolling shutters.									2200.00	29722.000


 JMD/Chief Engineer
 03/06/2019

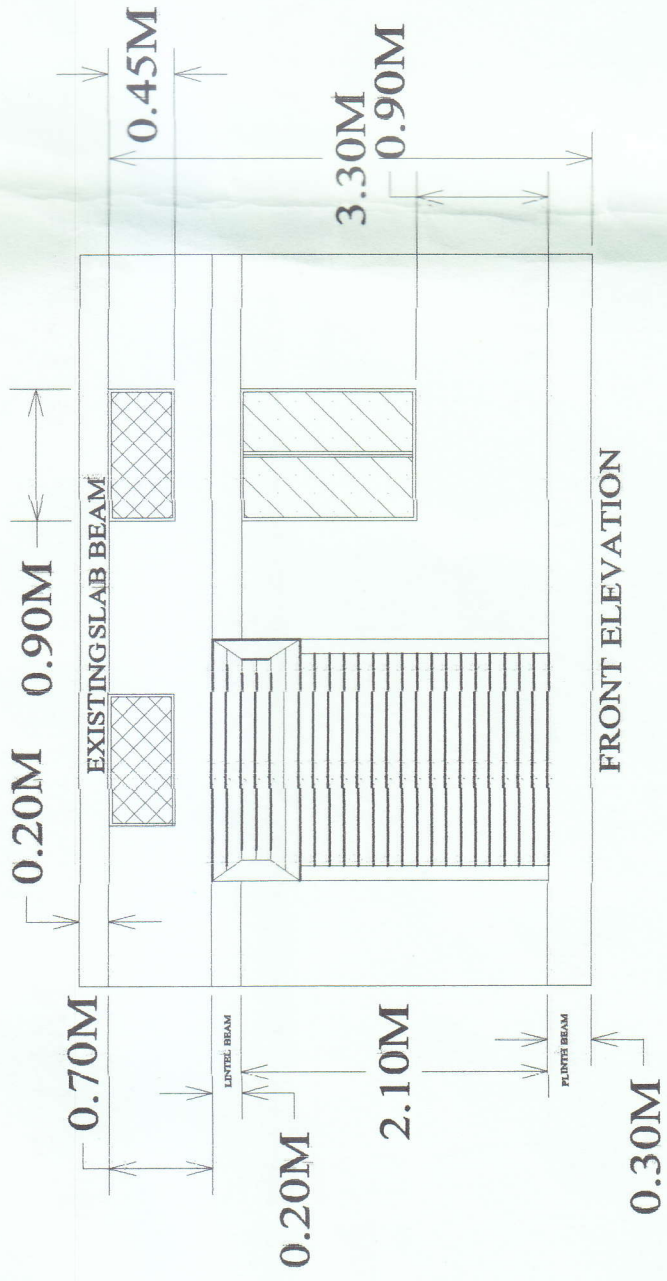
		TOTAL QUANTITY									
13.64	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.										
	SHUTTER	2.00	1.55	2.30							
		2.00	1.90	2.60							
		2.00	2.00	2.50							
	VENTILATION WINDOW GRILL	4X2	0.45	0.90							
	PASS EGE GATE	2.00	1.20	0.90							
		2.00	1.20	1.80							
	TOTAL QUANTITY										2196.00
	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both) primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer -in Charge complete										
21.11	WINDOW	1.00	1.20	0.9							
	TOTAL QUANTITY										3551.00
22.31	Providing & applying single pack component, solvent-free, cold applied, Polyurethane modified, elastomeric liquid applied waterproofing membrane- PU coat with excellent UV resistant capacity, Non-toxic with high SRI Index, eco friendly, low VOC & complies with the requirement as laid out in ASTM D 6083-97a. It can be applied on cementitious substrates, brick & stone Bituminous coatings, metals, wooden substrates, paint/coatings with application of two coats without dilution along with a self two coats without dilution along with a self Priming Coat-50% dilution with water. Surface should be cleaned properly with required tools & crack repairing by cement mortar mixed with latex for waterproofing application. Apply in 3 coats (1st priming coat @ 2 kg/10 Sqm and 2nd & 3rd coat @ 4 kg/10 Sqm of each coat) for complete waterproofing with interval of 4 hours between every coat. The material shall meet the requirement as specified in ASTM D2370-98 of elongation at break of film > 350% with geotextile fleece -50% approx. The work shall be carried out as recommended by the manufacturer's specification & the direction of the Engineer in-Charge. The product performance shall carry guaranteed for 5 year against any leakage. For Horizontal surface (with Geotextile fleece) two coats without dilution & 1 Self priming coat- 50% dilution with water @ 10 kg/m roof										
	AMOUNT										18360.00
	ADD 18% G.S.T.										277489.00
	NET AMOUNT										49948.00
	(IN WORD --- THREE LAKH TWENTY SEVEN THOUSAND FOUR HUNDRED THIRTY SEVEN Rs. ONLY)										327437.00

JUNIOR ENGINEER
D.C.C. BETUL



PLAN
5.00M

Signature
Junior Engineer
D.C.C.B. Betul (M.P.)

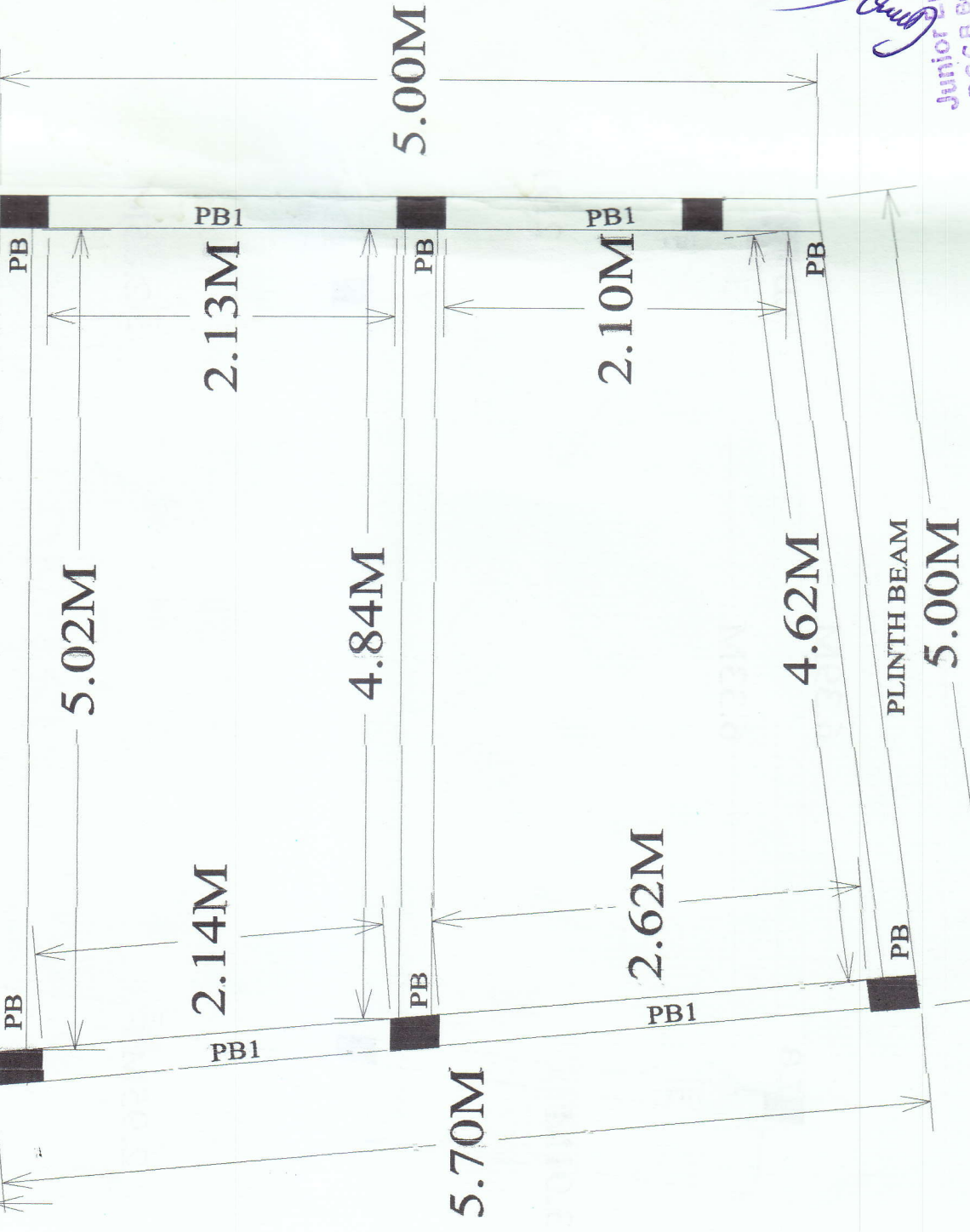


Chaitanya
 Junior Engineer
 D.C.C.B. Betul (M.P.)

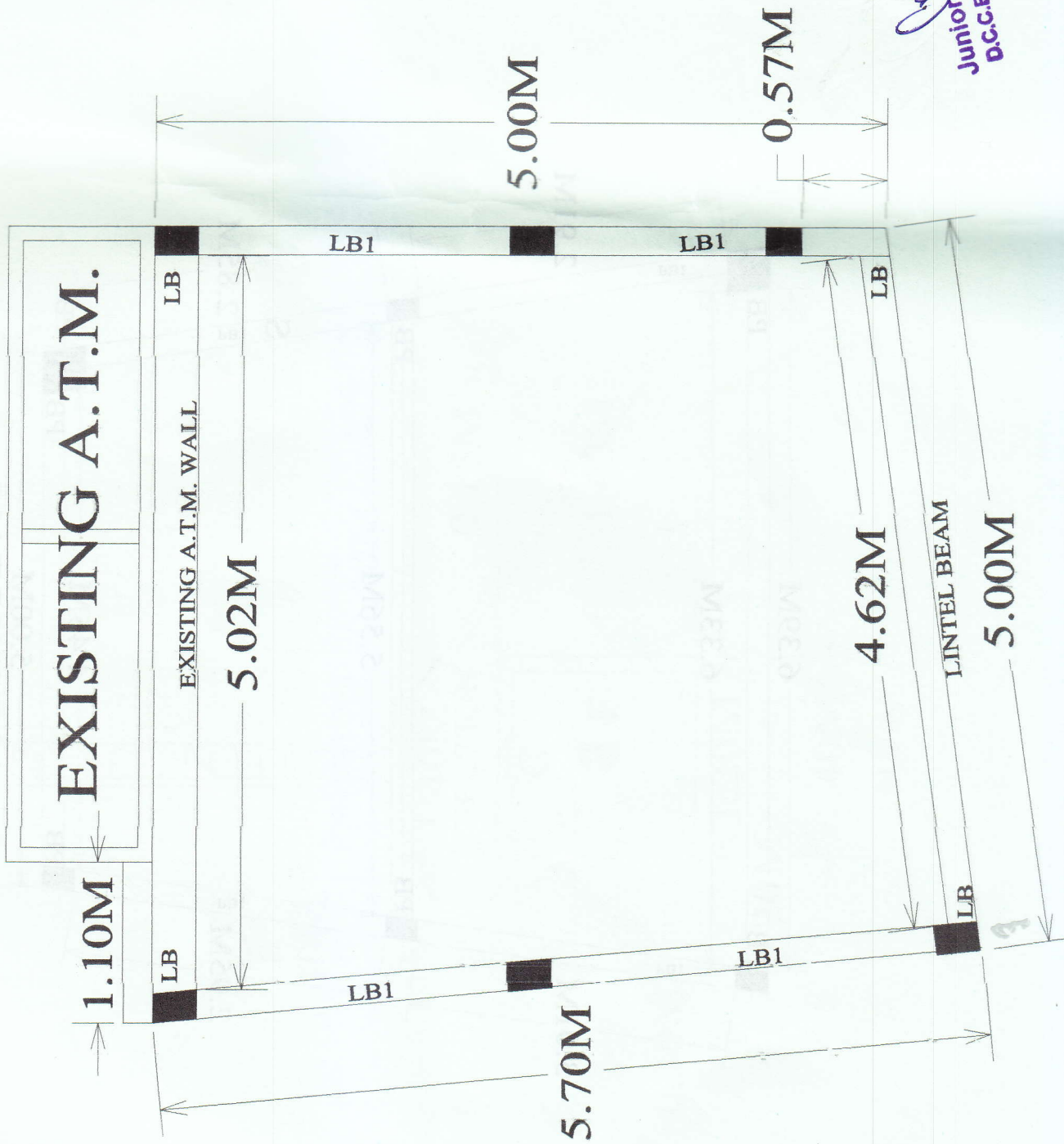
EXISTING A.T.M.

EXISTING A.T.M. WALL

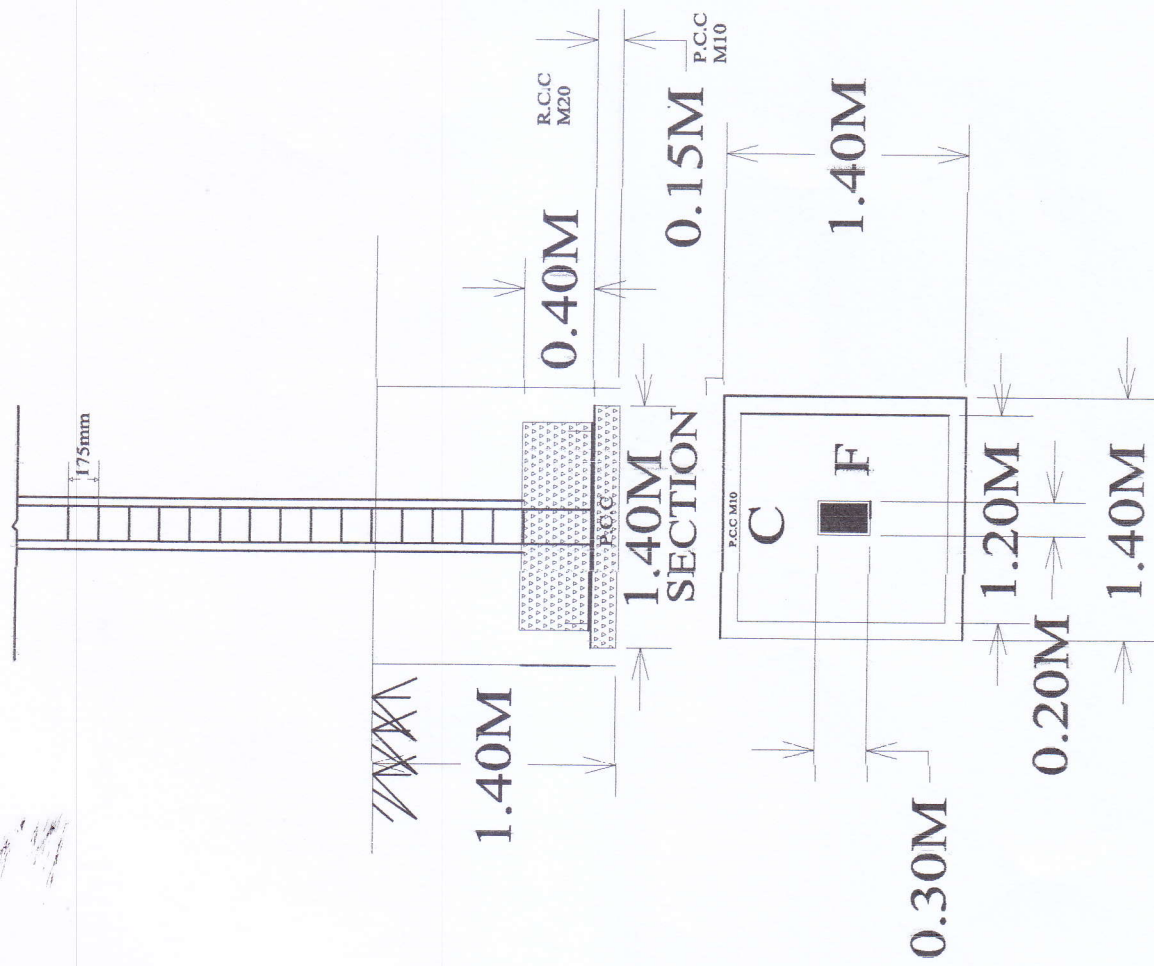
0.20M
1.10M



[Signature]
Junior Engineer
D.C.C.B. Bawal (M.P.)

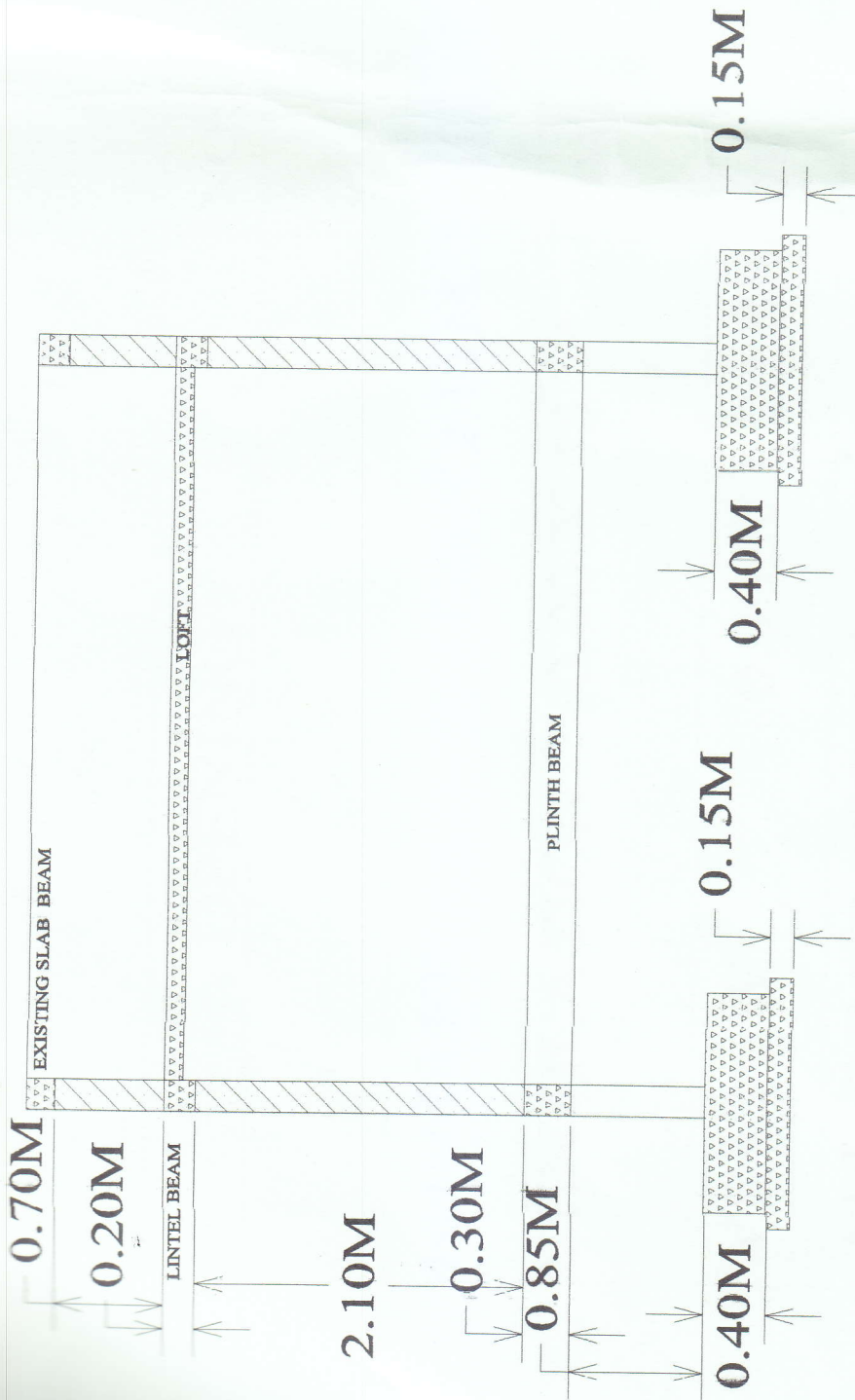


Junior Engineer
 D.C.C. B. Betul (M.P.)



PLAN


[Signature]
 Junior Engineer,
 B.E. (M.P.),
 D.C.C.



SECTION A-A


 Javed Engineer
 DCCB Bahawalpur

OPENING	NOS
SHUTTER 1.45 X 2.10 M	01
VENTILATION 0.90 X 45 M.	04
WINDOW 0.90 X 1.20 M.	01
ALL DIMENTION IN METRE	


 Junda Engineer
 D.C.B. Bell (M.P.)