

NAGAR PALIKA PARISAD KATGHORA DIST.-KORBA (C.G.)

ABSTRACT

NAME OF WORK : PROPOSED CONSTRUCTION AND BEAUTIFICATION WORK OF SAHAstra BAHU CHOWK & ENTRANCE GATE NEAR KASANIYA CHOWK, KATGHORA.

S.NO	PARTICULARS	AMOUNT	
		AS PER SOR	NON SOR
		A	B
A	SOR ITEMS		
1	CONSTRUCTION OF SAHAstra BAHU CHOWK	475066.08	✓
2	ELECTRIFICATION	49666.79	✓
3	ENTRANCE GATE 15M	525310.69	499419=88
	TOTAL (A)	1050043.55	1024152=75
B	NON SOR		
4	SCULPTURE (INOS) <i>(Quotation based)</i>		1400000.00
	TOTAL (B)		1400000.00
	A+B		2450043.55
	CONTANGENCY & ARCHITECTURAL CONSULTANCY FEE @ 2%		2424152=75
5			49000.87
	GRAND TOTAL		2499044.42
	SAY		24.99

NON SOR = 14.00 lacs
SOR = 10.73 lacs

T.S. No. 223 Date 25/05/26
Technical Sanction of Nagar Nigam/Palika / Panchayat Katghora hereby Granted for the Construction of *beautification work & Entrance gate of Sahastara Bahu chowk* in ward No. for Rs. 24.73 lacs
(In words) Rs. *Twenty four lacs Seventy Three Thousand only*
Checked By. *[Signature]* Superintending Engineer U.A.&D., Bilaspur (C.G.)
25/05/2026

24.72635=80
24.73 lacs

मुख्य नगर पालिका अधिकारी
C.M.O. नगर पालिका परिषद् कटघोरा
जिला - कोरवा (छ. ग.)

S/E

AR. CONSULTANCY KORBA
ARCHITECT AVINASH MARKAM
COA Reg. CA/2016/71158
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ARCHITECT

संलग्न पत्र क्र. 525 दि. 25/05/26
के शर्तों के अधीन जारी

NAGAR PALIKA PARISAD KATGHORA, DIST.-KORBA (C.G.)

NAME OF WORK : PROPOSED CONSTRUCTION AND BEAUTIFICATION WORK OF SAHAstra BAHU CHOWK, KATGHORA.

AS PER BUILDING S.O.R. 20.04.2026

SN	REF NO.	ITEM DESCRIPTION	NOS.	L	W	H/D	QTY	UNIT	RATE	AMOUNT
		CONSTRUCTION								
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.								
		Column pits								
		F1	9	1.05	1.20	1.20	13.61			
		F2	3	1.35	1.50	1.50	9.11			
		F3	1	1.20	1.20	1.20	1.73			
		Total					24.45	CUM	185.00	4522.97
2	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		Back Filling In Foundation								
		Same as QTY of excavation					24.45			
						a	24.45			
		DEDUCTION-								
		QTY Of PCC In Footing					1.13			
		QTY Of RCC Below G.L.				b	4.75			
						a-b	5.88			
							18.57	CUM	65.00	1206.82
		Remainig Earth After Backfilling (b)					5.88			
3	1.26	Carriage by mechanical transport upto 5 km lead:								
	1.26.1	Earth					5.88			
		Remainig Earth After Backfilling (b)	1							
		Total (A-B)					5.88	CUM	111.00	652.90
4	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		For Site Leveling	1	9.6	9.6		92.16			
							92.16	sqm	371.00	34191.36
5	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 10 km (earth measured in stacks will be reduced by 20% for payment).								
		For Chabutra	1	Area=	71	1.2	85.20			
							85.20	cum	201.00	17125.20

6	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.									
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).									
		Pcc Base For footing F1	9	1.05	1.20	0.10	1.13				
		Pcc Base For footing F2	3	1.35	1.50	0.10	0.61				
		Pcc Base For footing F3	1	1.20	1.20	0.10	0.14				
					Total		1.89	CUM	2524.00	4759.00	
7	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. (Note :Excess/ less cement used as per design mix is payable/ recoverable separately)									
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
		FOOTING-									
		Pad Footing F1	9	0.90	0.90	0.30	2.19				
		Pad Footing F2	3	1.20	1.20	0.40	1.73				
		Pad Footing F3	1	0.90	0.90	0.30	0.24				
		Column below G.L.									
		Column upto G.L. C1	10	0.20	0.20	0.80	0.32				
		Column upto G.L. C2	3	0.30	0.30	1.00	0.27				
						A	4.75				
		Column G.L. to P.L.									
		C1	10	0.20	0.20	1.20	0.48				
		C2	3	0.30	0.30	1.20	0.32				
		Ground Beam-									
		<u>Horizontal-</u>									
		GB 2	4	3.05	0.20	0.30	0.73				
			1	3.10	0.20	0.30	0.19				
		GB 3	1	2.90	0.20	0.45	0.26				
		<u>Vertical-</u>									
		GB 2	3	3.05	0.20	0.30	0.55				
			2	3.10	0.20	0.30	0.37				
		GB 3	2	2.85	0.20	0.30	0.34				
		<u>Curved-</u>									
		GB 2	2	2.39	0.20	0.30	0.29				
			1	3.91	0.20	0.30	0.23				
			1	2.34	0.20	0.30	0.14				
		Plinth Beam-									
		<u>Horizontal-</u>									
		PB 2	4	3.05	0.20	0.30	0.73				
			1	3.10	0.20	0.30	0.19				
		PB 3	1	2.90	0.20	0.45	0.26				
		<u>Vertical-</u>									
		PB 2	3	3.05	0.20	0.30	0.55				
			2	3.10	0.20	0.30	0.37				
		PB 3	2	2.85	0.20	0.30	0.34				
		<u>Curved-</u>									
		GB 2	2	2.39	0.20	0.30	0.29				
			1	3.91	0.20	0.30	0.23				
			1	2.34	0.20	0.30	0.14				
						B	7.01				
					Total (A+B)		11.76	CUM	3538.00	41605.46	

		Column above P.L.							
		C1	4	0.20	0.20	3.65	0.58		
		C2	3	0.30	0.30	3.65	0.99		
		1.2M LVL. Lintel Beam-							
		<u>Horizontal-</u>							
		LB 2	1	2.90	0.20	0.30	0.17		
		<u>Vertical</u>							
			1	2.85	0.20	0.30	0.17		
		Curved							
		LB 1	1	3.91	0.20	0.20	0.16	4163+97.5	
			1	2.34	0.20	0.20	0.09	= 4260.5	
		3.65M LVL. Lintel Beam-							
		<u>Horizontal-</u>							
		LB 1	2	3.09	0.20	0.20	0.25	3538+83	
			1	2.90	0.20	0.20	0.12	=	
		<u>Vertical</u>							
			1	2.85	0.20	0.20	0.11		
			2	3.05	0.20	0.20	0.24		
		RCC Slab-							
		PEDESTAL	1	Area	1.75	0.10	0.18		
							3.06	CUM	3538.00
									10828.76
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:							3621.00
	3.12.1	Thermo-Mechanically treated bars FE 415							11080.20
					Qty. of Rcc		14.82		
		Qty of R.C.C. x 100 kg/cum	100	x	14.82		1482.03	KG	46.00
									68173.38
9	2.1	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:							
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.							
		FOOTING							
		F1 9x4	36	0.90		0.30	9.72		
		F2 3x4	12	1.20		0.40	5.76		
		F3 1x4	4	0.90		0.30	1.08		
						Total	16.56	SQM	128.00
									2119.68
	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape							
		Column Upto G.L.-							
		C1 10x4	40	0.20		0.80	6.40		
		C2 3x4	12	0.30		1.00	3.60		
		Column Upto G.L. to P.L.							
		C1 10x4	40	0.20		1.20	9.60		
		C2 3x4	12	0.30		1.20	4.32		
		Column Above P.L.-							
		C1 4x4	16	0.20		3.65	11.68		
		C2 3x4	12	0.30		3.65	13.14		
							48.74	SQM	273.00
									13306.02

2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	RCC Slab (PEDESTAL)	1	Area	1.75		1.75			
						1.75	SQM	216.00	378.00
2.1.8	Beams, lintels, cantilevers & walls								
	Ground Beam-								
	Horizontal-								
	GB 2 4X2	8	3.05		0.30	7.32			
	1X2	2	3.10		0.30	1.86			
	GB 3 1X2	2	2.90		0.45	2.61			
	Vertical-								
	GB 2 3X2	6	3.05		0.30	5.49			
	2X2	4	3.10		0.30	3.72			
	GB 3 2X2	4	2.85		0.30	3.42			
	Curved-								
	GB 2 2X2	4	2.39		0.30	2.87			
	1X2	2	3.91		0.30	2.35			
	1X2	2	2.34		0.30	1.40			
	Plinth Beam-								
	Horizontal-								
	GB 2 4X2	8	3.05		0.30	7.32			
	1X2	2	3.10		0.30	1.86			
	GB 3 1X2	2	2.90		0.45	2.61			
	Vertical-								
	GB 2 3X2	6	3.05		0.30	5.49			
	2X2	4	3.10		0.30	3.72			
	GB 3 2X2	4	2.85		0.30	3.42			
	Curved-								
	GB 2 2X2	4	2.39		0.30	2.87			
	1X2	2	3.91		0.30	2.35			
	1X2	2	2.34		0.30	1.40			
	1.2M LVL. Lintel Beam-								
	Horizontal-								
	LB 2 1x2	2	2.90		0.30	1.74			
	Vertical								
	1x2	2	2.85		0.30	1.71			
	Curved								
	LB 1 1x2	2	3.91		0.20	1.56			
	1x2	2	2.34		0.20	0.94			
	1.2M LVL. Lintel Beam-								
	Horizontal-								
	LB 1 1x2	2	2.90		0.20	1.16			
	2x2	4	3.05		0.20	2.44			
	Vertical								
	1x2	2	2.85		0.20	1.14			
	2x2	4	3.05		0.20	2.44			
						75.21	SQM	186.00	13988.32

12	14.54	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete											
	14.54.1	Upto 2 mm thickness to make surface even and smooth in line and level.											
		Area Same As Plaster											
								197.18					
								197.18	sqm	78.00		15380.04	
13	14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Ace , Dulux Promise Exterior , Berger Wall Masta , Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abra tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)											
		Area Same As Plaster						197.18					
								197.18	sqm	66.00		13013.88	
14	4.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom, kitchen etc., by applying cement slurry mixed with water proofing cement compound consisting of following applications including surface preparation: i) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. ii) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.											
		RCC Wall-											
		Horizontal	1	2.40	0.90			2.16					
			1	1.70	0.45			0.77					
			1	1.00	0.45			0.45					
		Vertical	1	2.80	0.90			2.52					
			1	1.70	0.45			0.77					
			1	1.00	0.45			0.45					
		Curved	1	1.57	1.50			2.36					
			1	2.67	1.05			2.80					
			1	3.77	0.60			2.26					
		RCC base	1	2.40	2.80			6.72					
		RCC Slab	1	Area	0.64			0.64					
		RCC Slab	1	Area	1.23			1.23					
		Total						23.12	SQM	151.00		3491.20	

NAME OF WORK : PROPOSED CONSTRUCTION AND BEAUTIFICATION WORK OF SAHAstra BAHU CHOWK, KATGHORA.

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NAGAR PALIKA PARISAD KATGHORA DIST.-KORBA (C.G.)

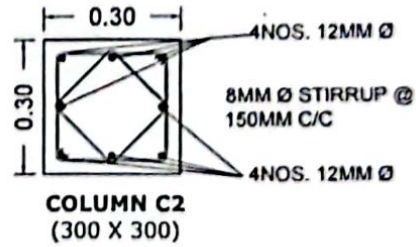
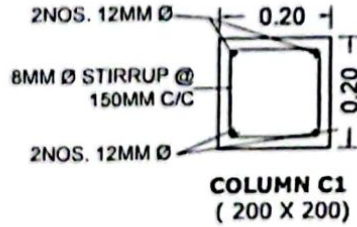
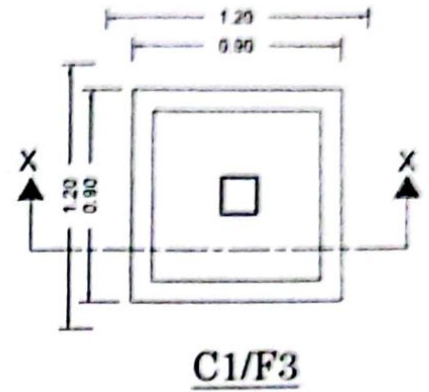
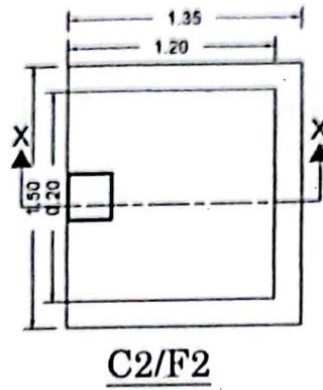
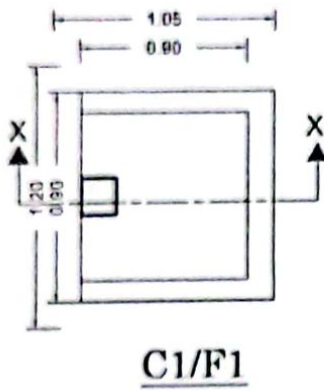
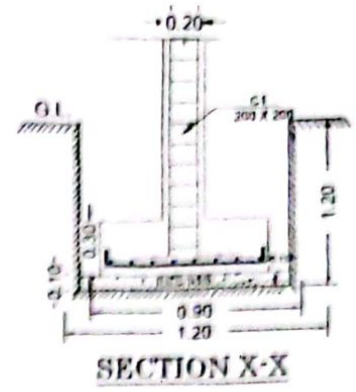
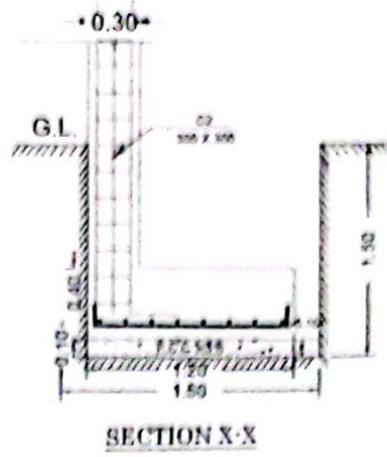
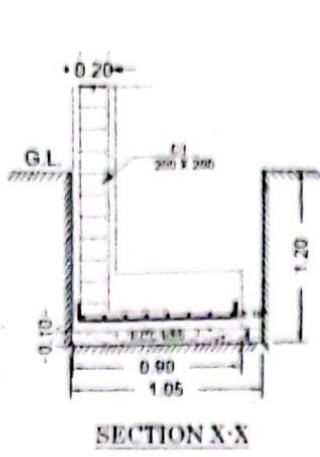
NAME OF WORK: PROPOSED CONSTRUCTION OF ENTRANCE GATE, NEAR KASANIYA CHOWK, KATGHORA.

AS PER BUILDING S.O.R. 20.04.2026 & ROAD SOR 20.04.2026

DETAIL ESTIMATE OF 15.0 M WIDE ENTRY GATE

S.N.	S.O.R. NO.	PARTICULAR OF ITEMS	NO.	L	B	H/D	Qty.	UNIT	RATE	AMOUNT
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		Cleaning area	2	4.00	4.00		32.00	SQM	7.20	230.4
		Total					32.00		Total	230.40
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.								
		Column pit								
		F1	2	4.00	4.00	2.50	80.00	CUM	185.00	14800
		Total					80.00		Total	14800.00
3	1.6	Extra for every additional lift of 1.5 m or part thereof.								
	1.6.1	All types of soils								
		F1	2	4.00	4.00	1.00	32.00	CUM	26.50	848
		Total					32.00		Total	848.00
4	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		Same as qty of excavation	1				80.00			
		Total(A)					80.00			
		Deduction								
		Qty. of P.C.C. of column below gl	1				4.80			
		Qty. of R.C.C. of column below gl	1				19.74			
		Total(B)					24.54			
		Remaining Earth after Back Filling								
		G.Total(A-B)					55.46	CUM	65.00	3604.9
		Total								3604.9
5	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		Filling G.L. to Road Lvl.	2	4.00	4.00	1.50	48.00			
		Total(A)					48.00			
		Deduction								
		Qty. of Remaining Earth after Back Filling	1				24.54			
		Qty. of R.C.C. of column Above GL to RL	1				3.31			
		Total(B)					27.85			
		G.Total(A-B)					20.15	cum	371.00	7476.5775
6	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Column	2	4.00	4.00	0.15	4.80			
		Total					4.80	Cum	2524.00	12115.2

7	3.3	Providing and laying design and reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work.										
7.1	3.3.1	M-20 Grade										
		Rectangle Portion	2	3.50	3.50	0.60	14.70					
		Column up to G.L.										
		Column	2	1.20	1.20	1.75	5.64					
		Total					19.74	cum	3528.00	59468.83	69642.72	
		Column Above G.L. To R.L.										
		Column	2	1.05	1.05	1.50	3.31					
		Column Above R.L. To 1.20 m.										
		Column	2	1.05	1.05	6.00	13.23	Cum	3528.16	59468.83	58353.12	
		Total					16.54					
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc complete as per drawings including cost of binding wire all complete.										
	3.12.2	Thermo-Mechanically treated bars FE 415D										
							36.28					
		Qty of R.C.C x120kg/cum					4353.30	kg	46.00	200251.8		
9	2.1	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:										
9.1	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level										
		Rectangle Portion										
		Footing 2 x 4	8	3.50		0.60	16.80					
		Column up to Ground Level										
		Column 2 x 4	8	1.20		1.75	16.80					
		Total					33.60	Sqm	128.00	4300.8		
9.2	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape										
		Column Above G.L. to R.L.										
		Column 2 x 4	8	1.05		1.50	25.20					
		Column Above R.L. to 1.60m										
		COLUMN 2 x 4	8	1.05		6.00	100.80					
		20% OF COLUMN PROJECTION FOR DESIGN					20.16					
		Total					146.16	Sqm	273.00	39901.68		
10	11.3.4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	2	4		6	48.00	SQM	100	4800		



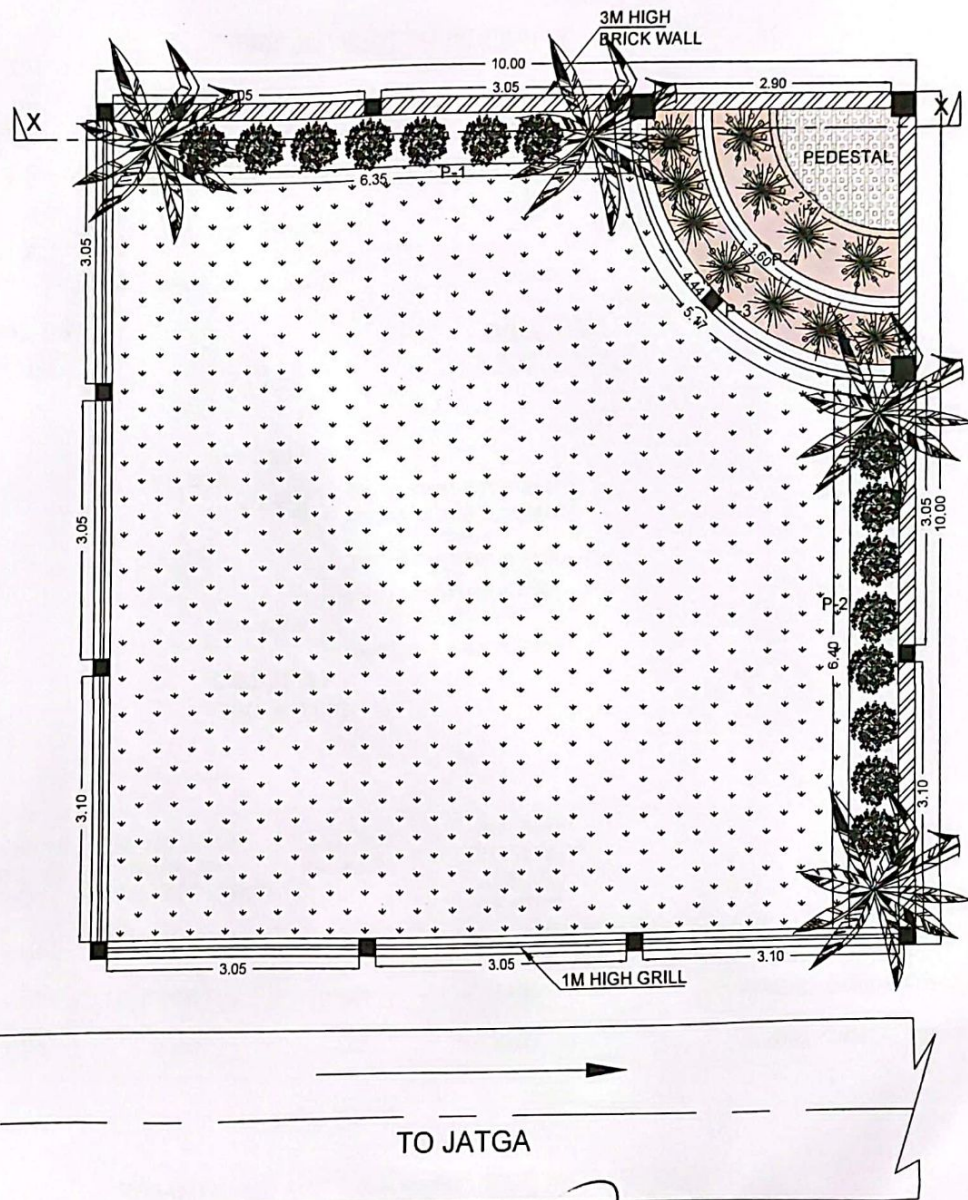
COLUMN DETAIL

FOOTING SCHEDULE

SNO.	FOOTING TYPE	EXCAVATION SIZE X x Y	FOOTING SIZE X x Y	JALI REINFORCEMENT
1.	F1	1.05 x 1.20	0.90 x 0.90	100 @ 150 c/c bothways
2.	F2	1.35 x 1.50	1.20 x 1.20	100 @ 150 c/c bothways
3.	F3	1.20 x 1.20	0.90 x 0.90	100 @ 150 c/c bothways

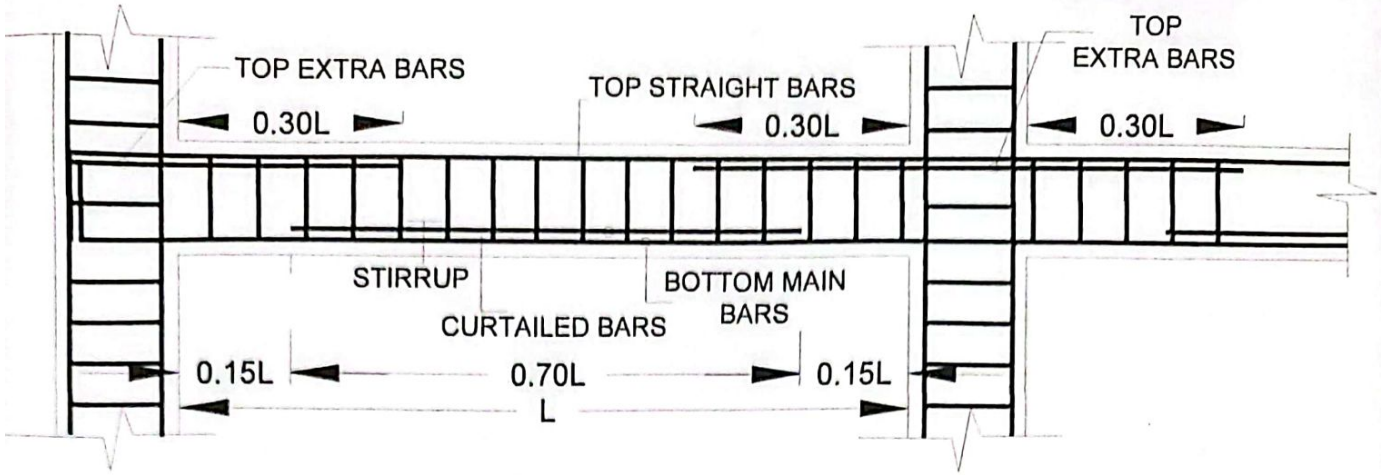
मुख्य नगर पालिका अधिकारी
नगर पालिका परिषद् कटघोरा
जिला - कोरवा (उ. ग.)

A.R. CONSULTANCY, KORBA	
ARCHITECT: AVINASH MARKAM	
ENGINEER: RAVIKANT DIXHA	
ARCHITECT & ENGINEER	A.R. CONSULTANCY, KORBA A.R. CONSULTANCY, KORBA A.R. CONSULTANCY, KORBA A.R. CONSULTANCY, KORBA A.R. CONSULTANCY, KORBA
PUNJAP VILLAS KURBA PUNJAP	

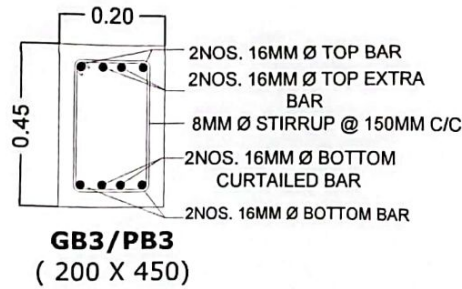
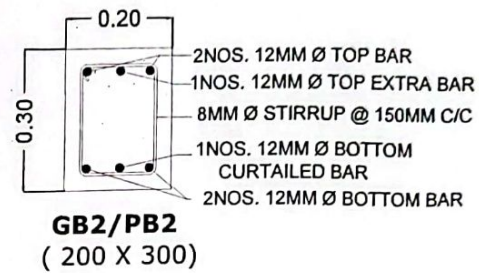
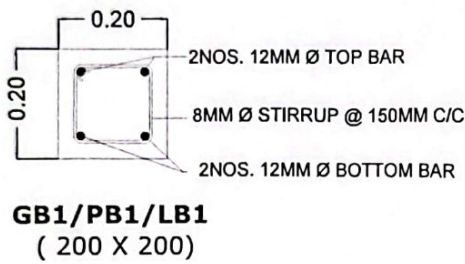


मुख्य नगर पालिका अधिकारी
नगर पालिका परिषद् कटघोरा
जिला - कोरया (छ. ग.)

A.R. CONSULTANCY,KORBA ARCHITECT. AVINASH MARKAM ENGINEER RAVIKANT DIXENA	
ARCHITECT & INTERIOR DESIGNER PDSHP VSNAL KURBA 740652503 "architect"	 A.R. CONSULTANCY, KORBA 10/10/2018 Avinash Markam GDA Reg. 24269011110 10/10/2018 Ravikant Dixena 10/10/2018 10/10/2018 10/10/2018
DATE-	10/10/2018 10/10/2018



TYPICAL SECTION OF BEAM



S.NO.	BEAM NAME	BEAM SIZE	TOP STRAIGHT BAR	EXTRA TOP AT SUPPORT (0.30L BOTH SIDE)	BOTTOM MAIN BAR	BOTTOM CURTAILED 0.70L AT CENTER	TIES
1.	GB1/PB1 /LB1	0.20 x 0.20	2-12Ø	—	2-12Ø	—	8mmØ-@150MM C/C STIRRUPS
2.	GB2/PB2 /LB2	0.20 x 0.30	2-12Ø	1-12Ø	2-12Ø	1-12Ø	8mmØ-@150MM C/C STIRRUPS
3.	GB3/PB3	0.20 x 0.45	2-16Ø	2-16Ø	2-16Ø	2-16Ø	8mmØ-@150MM C/C STIRRUPS

SCHEDULE OF GROUND & PLINTH BEAM

[Signature]

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A.R. CONSULTANCY, KORBA	
ARCHITECT: AVINASH MARKAM ENGINEER: RAVIKANT DIXENA	
ARCHITECT & INTERIOR DESIGNER	<i>[Signature]</i>
PROJECT: VIKAS KUREA	A.R. CONSULTANCY KORBA ARCHITECT: AVINASH MARKAM C.O.A. Reg. No. CA281077118 10, Panch Vihar, E-11, Sector-10, Gurgaon, Haryana
DATE: _____	DATE: _____