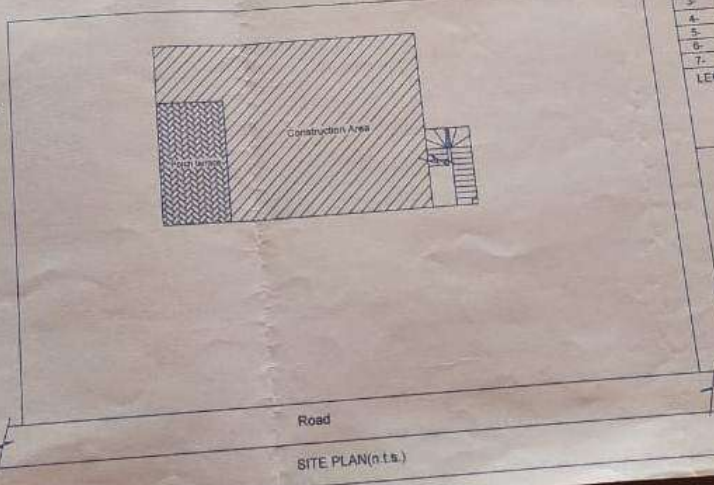
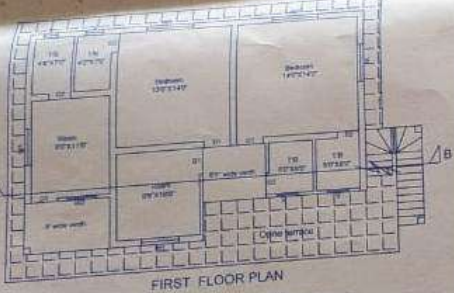
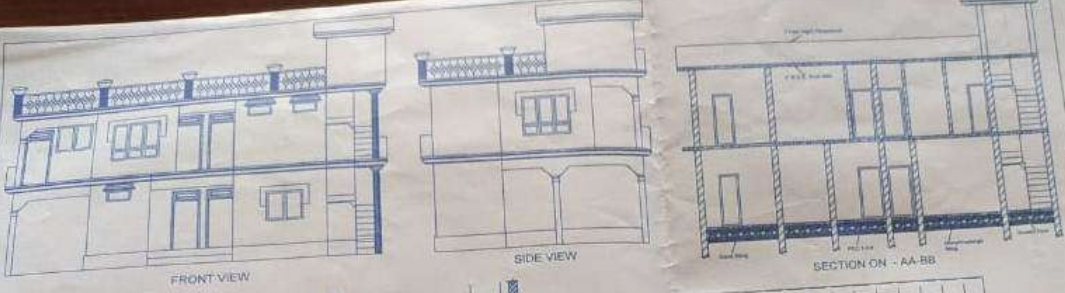


(Dwg. No. for SADAMDDA)



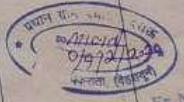
Residential buildings per site of  
 Sri Sunder Singh Chaudhri  
 S/O Late Sri Suttam Chaudhri  
 Situated at Part of Khata No.-1178  
 Vill P.O. - Dasou Khad - Dasou,  
 Mauza - Kwana,  
 Pargana - Jaunsar,  
 Tehsil - Chakrata  
 Distt - Dehradun (U.K.)

Area Statement	In Sqm.
1- Plot Area	230.00
2- G.F. Covrd. Area	107.34
3- F.F. Covrd. Area	102.00
4- Total Covrd. Area	210.00

SCHEDULE OF DOOR AND WINDOW

ITEMS	SY.	NO.	SIZE
1- Door	D	01	30'X7'0"
2- Door	D1	05	3'0"X7'0"
3- Door	D2	07	2'6"X7'0"
4- Window	W	02	6'0"X8'0"
5- Window	W1	06	5'0"X5'0"
6- Window	W2	02	3'0"X5'0"
7- Ventilator	V	09	2'0"X1'8"

LEGEND:-  
 S.P. — Soak Pit  
 M.H. — Man Hole  
 S.T. — Septic Tank  
 R.H.T. — Rain Harvesting Tank



Er. Naresht Chaudhri  
 (Reg. No. 2195A/2010)  
 Professional Engineer (Civil)  
 CAD - Pkss Netaji

Sig. Of owners      Arch. Enng.



Architectural / Interiors  
Town Planning  
2D/3D CAD Consultancy  
Estimation  
Walk through

Ref. No.:

Date :

### CERTIFICATE

It is certified that approximate proposed estimate of ground floor and first floor residential building of **Shri Sunder Singh Chauhan S/O Late Shri DuttRam Chauhan** situated at undivided land Part of Khasra No.-1118, Total covered area-210.03 Sqm, Vill—Dasou, Khatt-Dasou, Mauzza-Kwanu, Pargana-Jaunsar, Tehsil-Chakrata, Distt-Dehradun (U.K.), Rs 30,00, 000.00

(Rupees thirty lakh only)



*(Signature)*  
Er. Naresh Chauhan  
Reg. No. 415624/0318  
Professional Engineer (CAD)  
CAD-Vastu Nagra

## ESTIMATION

S.NO	DETAIL OF WORK	NO	L	B	H/D	Qty.
1-	<b>EARTH WORK</b>					
	(a) (i) Earthwork in excavation in foundation					
	G.Floor wall Length 9"-					45.00 m
	F.Floor wall Length 9"-					40.00 m
	So	1 X	45.00 X	0.90 X	1.00 =	40.50 cum.
	(b) Plinth filling					
	Ref G.F.cov Area-					107.34 sqm
	F.Floor Coverd Area-					102.69 sqm
	Deduct for wall-	1 X	45.00 X	0.23 X	- =	10.35 sqm
						96.99 sqm
	Plinth filling	1 X	96.99	X	0.50 =	48.50 cum
2-	<b>CONCRETE WORK.</b>					
	C.C in foundation, footing & under floor					
	9"-	1 X	45.00 X	0.90 X	0.12 =	4.86
	Under floor	1 X	96.99 X	0.07 X	- =	6.79
						11.65 cum
3-	<b>MASONRY WORK:-</b>					
	(a) First class brick work in foundation					
	Ref. item 1.a	1 X	45.00 X	0.69 X	0.10 =	3.11
		1 X	45.00 X	0.58 X	0.15 =	3.92
		1 X	45.00 X	0.46 X	0.15 =	3.11
		1 X	45.00 X	0.35 X	0.10 =	1.58
		1 X	45.00 X	0.23 X	0.60 =	6.21
					Total =	17.91 cum
	(b) First class brick work in super structure.					
	G.Floor Wall-	1 X	45.00 X	X	3.00 =	135.00
	F.Floor Wall-	1 X	40.00 X	X	3.00 =	120.00
	Total					255.00 sqm
	<b>Deduct For</b>					
	Door- D	1 X	1.21 X	X	2.13 =	2.58
	D1	6 X	1.10 X	X	2.13 =	14.06
	D2	7 X	0.75 X	X	2.13 =	11.18
	Window -W	3 X	0.75 X	X	1.52 =	3.42
	W1	4 X	1.82 X	X	1.82 =	13.25
	W2	2 X	1.52 X	X	1.00 =	3.04
	ventilator	8 X	0.60 X	X	0.50 =	2.40
	Arch	1 X	2.00	X	2.13 =	4.26
					Total =	54.19 sqm
					So-	200.81 sqm
	<b>Net Quantity</b>	1 X	200.81 X	0.23 X	=	46.19 cum
	c)-Half-Brick masonry work					
	I-Ground Floor wall-	1 X	30.00		1.50 =	45.00
	II-FirstFloor wall-	1 X	25.00		1.00 =	25.00
	<b>Total</b>					70.00 sqm.

<b>4-</b>	<b>D.P.C WORK</b>								
	40 mm thick damp proof coarse								
	Ref. Item 1.a	1 X	45.00 X	0.23 X		=		10.35	sqm.
<b>5-</b>	<b>R.C.C WORK</b>								
	Lintels & b beams-Ref. Item 3-(b)								
	(a) Door bend	1 X	85.00 X	0.30 X	0.12	=		3.06	cum.
	(b) Chajjas	2 X	25.00 X	0.73 X	0.12	=		4.38	cum.
	(c) R.C.C work in roof column	14 X	8.00 X	0.23 X	0.30	=		7.73	cum.
	Roof Ref. Coverd Area(G.Floor+F.Floor)							210.03	
	Slab projection-20%							42.01	
	Porch-							10.00	
	Total slab area							262.04	sqm.
	So Net Quantity	1 X	262.04 X		0.12	=		31.44	cum'
<b>6-</b>	<b>FLOORING:-</b>								
	(a) 40 mm thick marble stone flooring								
	Ref G.Floor coverd area-							107.34	
	Deduct for wall G.F-9"-	1 X	45.00 X	0.23 X		=		10.35	
	<b>Total</b>					=		96.99	sqm
	(b) Marble stone skirting- Ref 20% of flooring-							19.40	sqm
<b>7-</b>	<b>ROOFING:-</b>								
	Lime conc. Terracing on Roof- Ref. G.F.Coverd Area							107.34	
	20% slabe projection							21.47	
	<b>Total</b>					=		128.81	sqm
<b>8-</b>	<b>STEEL WORK</b>								
	(a) M.S REF. for R.C.C work Ref, item 5.a,b,c @ 110 kg / m <sup>3</sup>		38.88		110.00			4277.28	kg.
	(b) M.S Grill for ---								
	Ref. item 3-								
	Window:-@35 Kg/sqm		22.11		35.00			773.84	Kg
<b>9-</b>	<b>WOOD WORK:-</b>								
	(a) Providing wood work in frames of								
	Door D-	1 X	5.45 X			=		5.45	
	D1	6 X	7.36 X			=		44.16	
	D2	7 X	5.01 X			=		35.07	
	Window W	3 X	4.50 X			=		13.50	
	W1	4 X	4.80 X			=		19.20	
	W2	2 X	5.00 X			=		10.00	
	Ventilator-	8 X	2.20 X			=		17.60	
	<b>Total</b>					=		144.98	Meter
	So-Net Quantity-	1 X	144.98 X	0.12 X	0.10	=		1.74	cum



## ABSTRACT OF COST

No	Description of Item	Unit	Qty	Rate	Amount
1-	<b>EARTH WORK:</b>				
	(a)- Earth work in excavation tranches in soft or loos soil.	m3	40.50	315.00	12757.50
	(b) Plinth filling with sand under flooring L/C rumming consolidation & dressing complete	m3	48.50	460.00	22307.70
2-	<b>CONCRETE WORK:</b>				
	P/L C.C in foundation, footing & base of column excluding the cost of centering & shutting 1:2:4	m3	11.65	3500.00	40772.55
3-	<b>MASONARY WORK:</b>				
	(a)- First class brick work in foundation & plinth in cement mortar 1:6	m3	17.91	4850.00	86883.50
	(b)- First class brick work in super structure in cement mortar 1:6	m3	46.19	5700.00	263265.32
	© Half brick masonry in super structure in cement mortar 1:4	m2	70.00	1400.00	98000.00
4-	<b>D.P.C.</b>				
	40 mm thick damp proof course with cement concrete 1:2:4	m2	10.35	550.00	5692.50
5-	<b>R.C.C :</b>				
	(a) R.C.C work in lintels, pillars & beams including the cst of centering & shutting but excluding the cost of reinforcement.	m3	3.06	6900.00	20808.00
	(b) R.C.C work in chajjas & shelves including the cost of centering & shutting but excluding the cost of reinforcement.	m3	12.11	7800.00	94442.40
	© R.C.C work in roof & balconies including the cost of centering & shutting but excluding the cost of reinforcement.	m3	31.44	7800.00	245265.70

<b>6-</b>	<b>FLOORING :</b>				
	a) Granite stone finish under layer 28 mm thick c.c 1:2:4 & top layer 12 mm thick with marble chips of size from 7 mm to 10 mm nominal size lead in cement marble powder 3:1 by volume L/C cement slurry etc. complete with ordinary cement.	m2	96.99	1250.00	121237.50
	(b)-Marble chips skirting rubbed & polished to granolithic finish top layer 6 mm thick with marble chips of size smallest to 4mm nominal size lead in cement marble powder 3:1 with ordinary cement.				
	18mm thick with under layer of 12 mm thick cement plaster 1:3.	m2	19.40	1550.00	30066.90
<b>7-</b>	<b>ROOFING:</b>				
	Lime concrete terracing on roof average thickness 10cm to all with 25 mm nominal size brick aggregate & 50 mm Lime mortar 1:2 rubbed & finished with gure & belgiri treatment complete cotate with 1:3 over 12 mm thick	Sqm.	128.81	660.00	85013.28
<b>8-</b>	<b>STEEL WORK:</b>				
	(a) M.S reinforcement for R.C.C work including bonding binding & planning in position complete.	Kg.	4277.28	78.00	333627.47
	(b) M.S grill ornamental as per design including wilding & fixed in window frame.	Kg.	773.84	85.00	65776.06
<b>9-</b>	<b>WOOD WORK:</b>				
	(a) Providing wood work in frame of doors & window & other frames wrought framed and fixed in position complete of sal wood.	m3	1.74	65800.00	114476.21
	(b) P/F 40 mm thick paneled and glazed shutter for door & window 1/c black enameled M.S butt hinges with necessary of india took wood.	m2	49.93	1550.00	77387.47
<b>10-</b>	<b>FINISHING WORK:</b>				
	(a). 12mm cement plaster 1:6	m2	794.85	115.00	91407.59

	(b). Distemper or snowsom three or more coats on new work.	m2	784.85	35.00	27819.70
	C- Painting two or more coats on new work with superior class ready mixed paint				
	(i). On wood work.	m2	47.55	150.00	7132.50
	(ii). On steel work.	m2	55.57	65.00	3612.05
<b>11-</b>	<b>MISC WORK:</b>				
	(a). Flat iron hold fast.	No	124.00	25.00	3100.00
	(b). P/L C.I Rain water pipe.	Mtr	20.00	35.00	700.00
	(c). P/F C.I Head complete.	No	8.00	35.00	280.00
	(d). P/F C.I Shoe complete.	No	8.00	152.00	1216.00
	(e). P/F Glass strips in flooring	L&S			4500.00
	(f). S/F Almiraha fittings, Interior work and kitchen and sofa etc.etc..	L&S			295000.00
	(g). White and treatment as per direction with chemical emulsion.	M2	107.34	375.00	40252.50
	(h). S/F plaster of paris and fall ceiling of pop	L&S			195000.00
			<b>Total-</b>	<b>Rs.</b>	<b>2387780.39</b>
	Add 14% for w/s and sanitary fittings			<b>Rs.</b>	<b>334289.25</b>
	Add 12% for electrification			<b>Rs.</b>	<b>288533.65</b>
			<b>Total-</b>	<b>Rs.</b>	<b>3008603.29</b>
			<b>Say:-</b>	<b>Rs.</b>	<b>30.00 Lac</b>



*(Signature)*  
 Er. Navish Choudhary  
 Reg. No. 31343/2018  
 Professional Engineer (Civil)  
 .CAD-Vinay Nagar