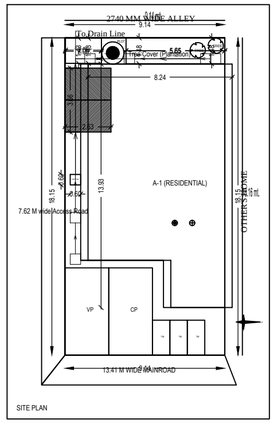
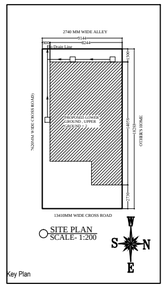
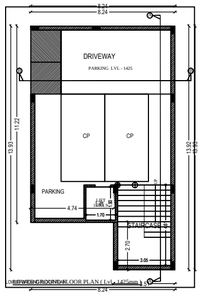
Project Title :BUNGLOW

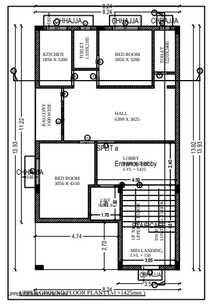


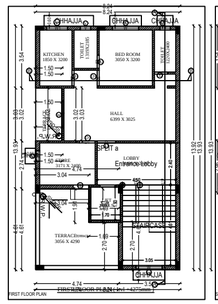
SITE PLAN

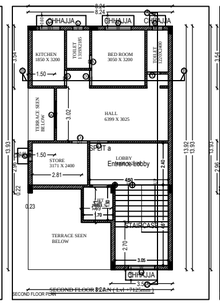


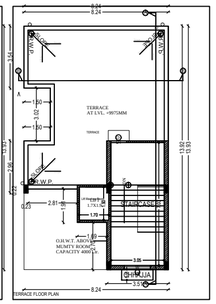
Key Plan



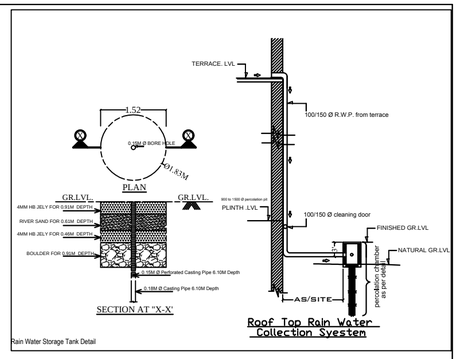




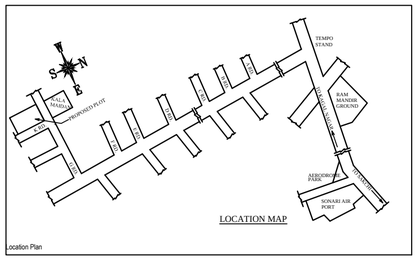




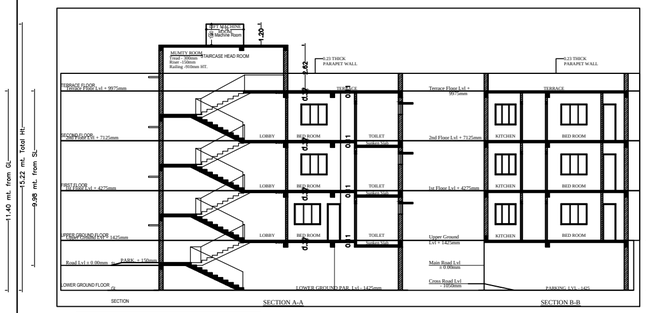
TERRACE PLAN WITH DRAINAGE SYSTEM
AT LVL. +9975MM

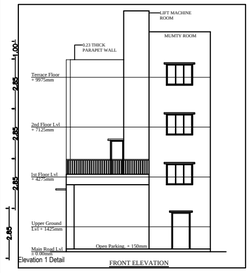


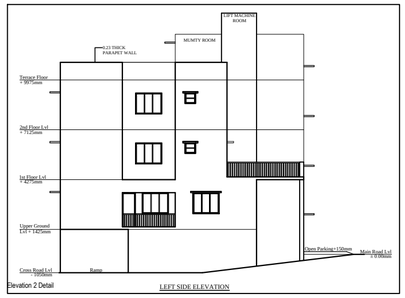
Rain Water Storage Tank Detail

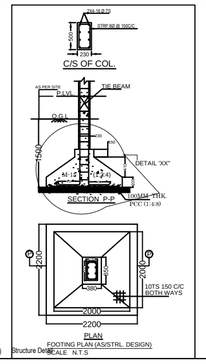


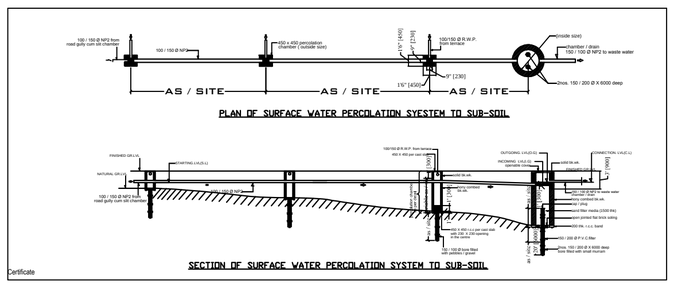
Location Plan











Certificate

AREA STATEMENT : JAMSHEDPUR NAC	VERSION NO.: 1.0.26
	VERSION DATE: 16/10/2020

PROJECT DETAIL:	
Inward_No. :	Plot Use : Residential
Region : JHARKHAND URBAN LOCAL BODIES	Plot SubUse : Bungalow/ Dwelling / Non Apartment
District : EAST SINGHBHUM	Land Use Zone : NA
Application Type : General Proposal	Abutting Road Width : -
Project Type : Building Permission	Plot No. : -
Nature of Development : New	Revenue Survey No/Survey No : -
Location : Old Area	Thana No : -
Sub Location : NA	Holding No : -
Village/Mauza Name : -	Khata No : -
Ward No : -	North : -
Road/Street : -	South : -
	East : -
	West : -

AREA DETAILS :		SQ.MT.
AREA OF PLOT (Minimum)	(A)	166.01
Net Plot Area (Gross Plot Area - Deduction from Gross Plot area)	(A-Deductions)	166.01
Deductions for Balance Plot Area (from Gross Plot Area):		
COP Area		11.32
Total		11.32
Balance Plot Area (Net Plot Area - Recreational/Amenity space)	(A-Deductions)	154.69
Plot Area for Coverage (Net Plot Area)	(A-Deductions)	166.01
Plot Area for FSI (Net Plot Area + Road/Widening Area)	(A-Deductions)	166.01
COVERAGE CHECK		
Proposed Coverage Area (61.45 %)		102.01
Total Coverage Area (61.45 %)		102.01
FAR CHECK		
Proposed Area of FAR		257.37
Total Area of FAR		257.37
BUILT UP AREA CHECK		
Total Proposed BuiltUp Area		384.19
ARCH / ENGG / SUPERVISOR (Regd)	OWNER	
DEVELOPMENT AUTHORITY	LOCAL BODY	

COLOR INDEX

- PLOT BOUNDARY
- ABUTTING ROAD
- PROPOSED WORK (COVERAGE AREA)
- EXISTING (To be retained)
- EXISTING (To be demolished)

Color Index:

PARKING CALCULATION:

Parking Type	Prop No.	Prop Area
Car Parking	3	37.50
Visitors Car Parking	1	12.50
Two Wheeler Parking	3	6.00
Other Parking	1	50.89
Total Area	8	106.89

MARGIN DETAIL:

Building / Wing Name	Road Name	Front Margin	Rear Margin	Side1 Margin	Side2 Margin
A-1 (RESIDENTIAL)	13.41 M WIDE MAINROAD	2.73	1.50	1.31	0.00

FAR & Tenement Details (Table 4c-1)

Building	No. of Same Bldg	Total Built Up Area (Sq.mt.)	Deductions (Area in Sq.mt.)				Proposed FAR Area (Sq.mt.)	Add Area In FAR (Sq.mt.)	Total FAR Area (Sq.mt.)	Tnmt (No.)
			Lift	Accessory Use	Parking	Stair	Resi.	Stair		
A (RESIDENTIAL)	1	384.19	9.69	32.40	84.73	14.05	243.32	14.05	257.37	01
Grand Total	1	384.19	9.69	32.40	84.73	14.05	243.32	14.05	257.37	01

CALCULATION FOR WATER TANK

DOMESTIC PURPOSE:
NO OF PERSON = 4 NOS
VOLUME OF WATER REQUIRED
= 150 LITRE X 4 NOS
TOTAL NO. OF PERSON = 4 X 150/1000 = 0.6 KLD(Kilo Litre per day)
ASSUME 100 LITRE
TOTAL WATER REQUIRED = 0.6 X 100 = 60 KL
REQUIREMENT OF WATER FOR FIREFIGHTING
= 4 X 50000 X 1.5 X 10 / 100000 X 1.5X10 / 1,000,000 = 4500 LITRE (Fire Fighting Requirement as per NBC Part-4 Table-5)

PARKING AREA CALCULATION

REQUIREMENT:
Required No. of Parking = 3 Nos.
Required Parking Area = 3 X 20 = 60 Sq.Mt.
Proposed Parking Area = 81.927 Sq.mt.
Proposed Parking Open Area = 21.75 Sq.mt.
Total Proposed Parking = 103.677 Sq.mt.

ARCHITECT INFORMATION

ARCHITECT NAME	BHARATI SINGH
COMPANY NAME	BHARATI SINGH ARCHITECT
COMPANY ADDRESS	1D/481 SONARI WEST NEW LAYOUT JAMSHEDPUR - 831011 East Singhbhum Jharkhand
E-MAIL	bharatisingh_arch@gmail.com
TELEPHONE NO.	7488142201
PROFESSIONAL QUALIFICATION	B.Arch
COLLEGE NAME	Birla Institute of Technology, Mesra, Ranchi
STATE COUNCIL	Council of Architecture, Jharkhand
COA NO.	CA/2000/50000
VALID UPTO	31/12/2021

SIGNATURE OF OWNER & ARCHITECT

No.	Date	Name	Designation
1.	16.10.20	BHARATI SINGH	ARCHITECT
2.	16.10.20	BHARATI SINGH	ARCHITECT
3.	16.10.20	BHARATI SINGH	ARCHITECT
4.	16.10.20	BHARATI SINGH	ARCHITECT
5.	16.10.20	BHARATI SINGH	ARCHITECT
6.	16.10.20	BHARATI SINGH	ARCHITECT
7.	16.10.20	BHARATI SINGH	ARCHITECT
8.	16.10.20	BHARATI SINGH	ARCHITECT

OWNER DETAILS :

BHARATI SINGH
1D/481 SONARI WEST NEW
LAYOUT JAMSHEDPUR - 831011
EST.NO.- 101000005481199
CONSUMER NO.- 0000909

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

SITE PLAN, FLOOR PLANS, LOCATION PLAN, ELEVATION (FRONT, RIGHT, REAR, LEFT), DRAINAGE PLAN, AREA CALCULATION.

SCALE-1:100 | SHEET NO.1 OF 01

(A.N.A.C. APPROVED)

No. of Floors	Area within Plinth area	Area in Projection permissible within setback		Area in Projection beyond plinth line but within setback	Total covered Area	Deductions							Net Area for F.A.R.	Occupancy or Use Proposed	Remarks
		Cupboard	Balcony			Lift Well	Void	Over Flow	Fire Stair	Parking If Permissible within Plinth	Other If permissible	Total Deduction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lower Ground	102.000	—	—	—	102.000	—	—	—	—	81.927	—	81.927	20.081	Parking	
Upper Ground	116.837	—	—	—	116.837	2.049	—	—	—	12.787	—	14.836	102.001	Residence	
1st Floor	91.196	—	—	—	91.196	2.049	—	—	—	—	—	2.049	89.147	Residence	
2nd Floor	91.196	—	—	—	91.196	2.049	—	—	—	—	—	2.049	89.147	Residence	
		—	—	—			—	—	—	—	—			Residence	
Total	401.237				401.237	6.147				94.714		100.861	300.376		

PLOT AREA = 167.225 SQMT
Area for ground Coverage = 116.837 Sq.Mt.
% of ground Coverage
= 116.837 X 100 / 167.225 = 69.868%
PROPOSED PERCENTAGE OF GROUND COVERAGE = 69.868%

300.376 / 167.225
F.A.R. = 1.796
PROPOSED F.A.R. = 1.796

Building :A (RESIDENTIAL)

Floor Name	Total Built Up Area (Sq.mt.)	Deductions (Area in Sq.mt.)			Proposed FAR Area (Sq.mt.)	Add Area In FAR (Sq.mt.)	Total FAR Area (Sq.mt.)	Tnmt (No.)
		Lift	Accessory Use	Parking	Resi.	Stair		
Lower Ground Flo...	98.78	0.00	0.00	84.73	0.00	14.05	14.05	00
Upper Ground Floor	102.02	3.23	10.80	0.00	87.99	0.00	87.99	01
First Floor...	91.67	3.23	10.80	0.00	77.64	0.00	77.64	00
Second Floor	91.72	3.23	10.80	0.00	77.69	0.00	77.69	00
Terrace Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00
Total :	384.19	9.69	32.40	84.73	243.32	14.05	257.37	01
Total Number of Same Buildings	1							
Total :	384.19	9.69	32.40	84.73	243.32	14.05	257.37	01

SCHEDULE OF JOINERY:

BUILDING NAME	NAME	LENGTH	HEIGHT	NOS
A (RESIDENTIAL)	D2	0.75	2.10	07
A (RESIDENTIAL)	D1	0.90	2.10	11
A (RESIDENTIAL)	D	1.05	2.10	03
Total :	-	-	-	21

SCHEDULE OF JOINERY:

BUILDING NAME	NAME	LENGTH	HEIGHT	NOS
A (RESIDENTIAL)	V	0.60	1.00	08
A (RESIDENTIAL)	W1	1.20	1.20	03
A (RESIDENTIAL)	W	1.50	1.20	10
Total :	-	-	-	21

UnitBUA Table for Building :A (RESIDENTIAL)

FLOOR	Name	UnitBUA Type	UnitBUA Area	Carpet Area	No. of Rooms	No. of Tenement
UPPER GROUND FLOOR PLAN	SPLIT a	FLAT	275.70	270.94	9	1
Total :	-	-	275.70	270.94	25	1

A (RESIDENTIAL) Structure Detail SCALE N.T.S