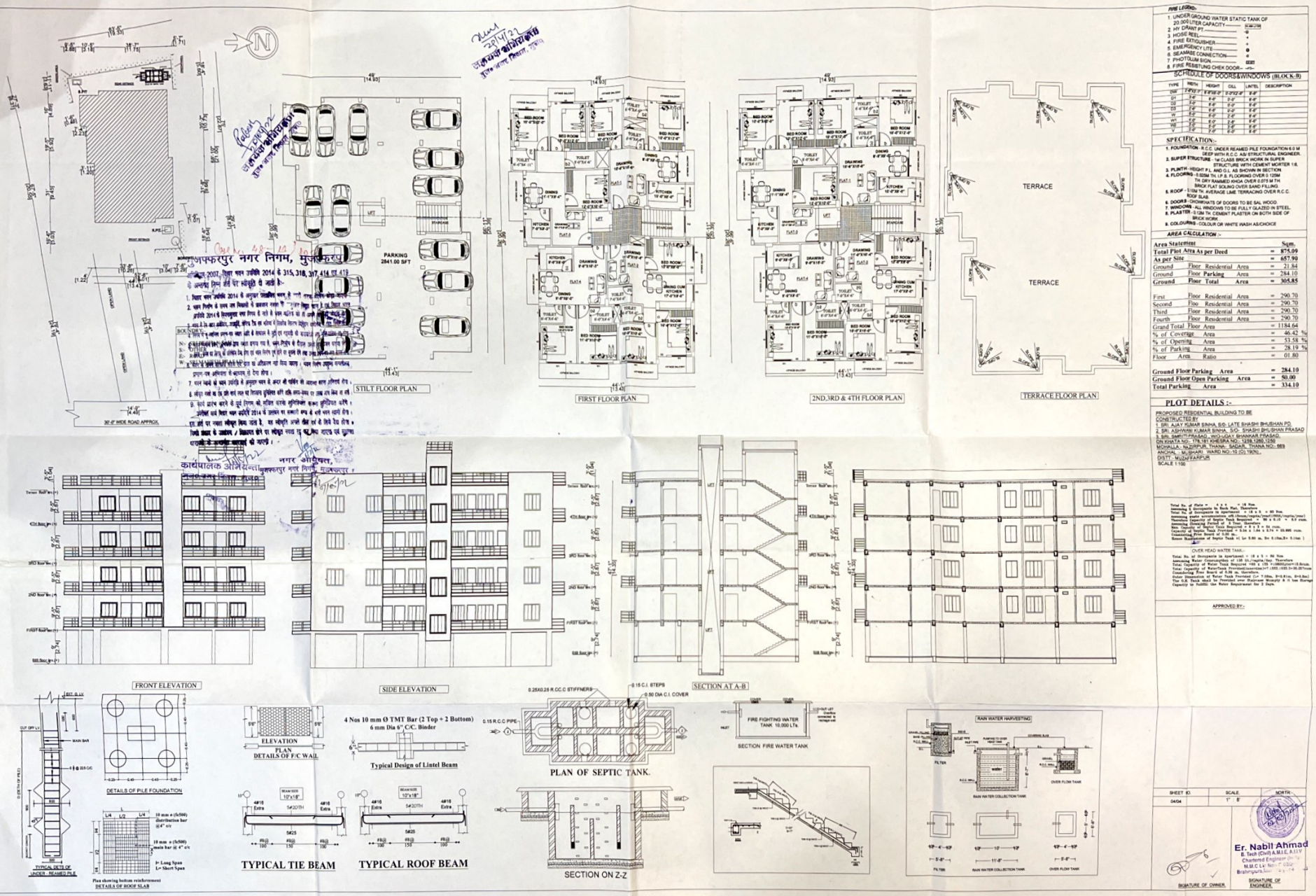


FIRE LEGEND:-

1. UNDER GROUND WATER STATIC TANK OF 20,000 LITER CAPACITY
2. HY GRANT PT.
3. HOSE REEL
4. FIRE EXTIGUISHER
5. EMERGENCY LITE
6. SEAMBEE CONNECTION
7. PHOTOLUM SIGN
8. FIRE RESETING CHEK DOOR

SCHEDULE OF DOORS&WINDOWS (BLOCK-B)

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D1	3'-6"	7'-0"	0'-0"	0'-0"	
D2	3'-0"	7'-0"	0'-0"	0'-0"	
D3	2'-6"	7'-0"	0'-0"	0'-0"	
W	4'-0"	4'-0"	3'-0"	0'-0"	
W1	5'-0"	4'-0"	3'-0"	0'-0"	
W2	6'-0"	4'-0"	3'-0"	0'-0"	
V	1'-0"	2'-0"	0'-0"	0'-0"	

SPECIFICATION:-

1. FOUNDATION - R.C.C. UNDER REAMED PILE FOUNGATION 6.0 M DEEP WITH R.C.C. AS/ STRUCTURAL ENGINEER.
2. SUPER STRUCTURE - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6.
3. PLINTH - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION.
4. FLOORING - 0.025M TH. I.P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING.
5. ROOF - 0.10M TH. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. DOORS - CHOWKHATS OF DOORS TO BE SAL WOOD.
7. WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
8. PLASTER - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK.
9. COLOURING - COLOUR OR WHITE WASH AS/CHOICE

AREA CALCULATION :-

Area Statement				Sqm.
Total Plot Area As per Deed			=	875.09
As per Site			=	657.90
Ground	Floor	Residential Area	=	21.84
Ground	Floor	Parking Area	=	284.10
Ground	Floor	Total Area	=	305.85
First	Floor	Residential Area	=	290.70
Second	Floo	Residential Area	=	290.70
Third	Floor	Residential Area	=	290.70
Fourth	Floor	Residential Area	=	290.70
Grand Total	Floor	Area	=	1184.64
% of Coverage		Area	=	46.42 %
% of Opening		Area	=	53.58 %
% of Parking		Area	=	28.19 %
Floor	Area	Ratio	=	01.80
Ground Floor Parking		Area	=	284.10
Ground Floor Open Parking		Area	=	50.00
Total Parking		Area	=	334.10

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING TO BE CONSTRUCTED BY :-
1. SRI. AJAY KUMAR SINHA S/O- LATE SHASHI BHUSHAN PD.
2. SRI. ASHWANI KUMAR SINHA S/O- SHASHI BHUSHAN PRASAD
3. SRI. SMRITI PRASAD - W/O- UDAY SHANKAR PRASAD.
ON KHATA NO:- 179, 181 KHESRA NO:- 1258,1260,1256
MOHALLA:- NIJONPUR, THANA:- SADAR, THANA NO:- 669
ANCHAL :- MUSHARI WARD NO:- 10 (O) 19(N).
DISTT:- MUZAFFARPUR
SCALE 1:100

Total No. of Flats = 4 x 4 = 16 Nos.
Assuming 5 Persons in Each Flat, Therefore
Total No of Occupants in Apartment = 16 x 5 = 80 Nos.
Assuming waste accumulation, =45 (Hous/capita/year)*(365/capita/year)
Therefore Capacity of Septic Tank Required = 80 x 0.10 = 8.0 cum.
Provide 2 Nos. Chambers of Septic Tank.
Size Capacity of Septic Tank Required = 2 X 1.5 = 04 cum.
Capacity of Septic Tank Provided = 5.54 x 1.04 x 2.74 = 15.995 cum.
Remaining Free Board of 0.20 m.
Annual Maintenance of Septic Tank =(Lx 5.00 m, B= 0.10m,H= 0.1m)

OVER HEAD WATER TANK :-

Total No. of Occupants in Apartment = 16 x 5 = 80 Nos.
Assuming Water Consumption of 135 Lit./capita/day, Therefore
Total Capacity of Water Tank Required =80 x 135 =10800Litre=10.8cum.
Total Capacity of WaterTank Provided(overhead)=7.000(+003.00)=10.00Tcum
Provide 2 Nos. Chambers of Water Tank.
Solar Dimension of Water Tank Provided (L= 7.00m, B=0.81m, D=0.8m)
The O.H. Tank shall be Provided over Staircase Mumpty & it has Storage Capacity to fulfill the Water Requirement for 2 Days.

APPROVED BY:-

SHEET ID.	SCALE	NORTH
04/04	1" 8"	

Er. Nabil Ahmad
B. Tech (Civil) A.M.I.E, A.I.V
Chartered Engineer (India)
M.M.C Lic No:- C-0262
Brahmpura,Saraiya

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

Scanned with CamScanner