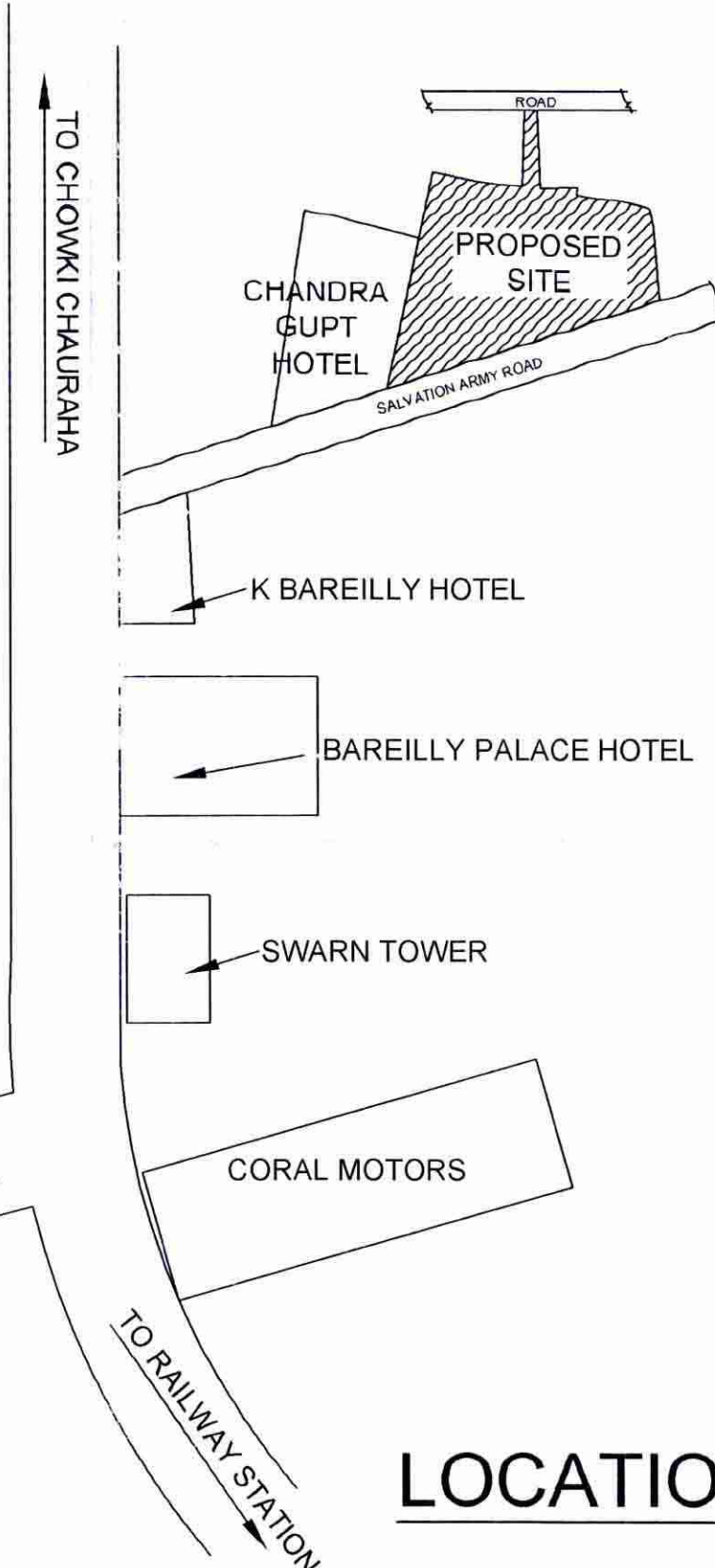




RAIN WATER FROM THE ROOF WILL BE DRAWN THROUGH VERTICAL RAIN WATER PIPES AND DISCHARGE THROUGH EXTERNAL STORM WATER DRAIN TO THE PROPOSED RECHARGE PIT / CHAMBER FOR RAIN WATER HARVESTING / RECHARGING. THE RE-CHARGE CHAMBER SHALL HAVE BORING OF 300 MM DIA. FILLED WITH GRAVELS AND A DEPTH UPTO 20 MM . BELOW GROUND LEVEL. THE ABOVE BORING WILL HAVE HOUSING PIPE OF 100 MM DIA. WITH FILTER AT REGULAR INTERVAL TO RECHARGE THE RAIN WATER IN TO THE SUB SURFACE AQUIFERS. FILTER MEDIA AS / REQUIREMENTS IS PROVIDE TO ENABLE THE FILTERED WATER (DISCHARGES INTO THE AQUIFERS. THE ABOVE RE - CHARGE CHAMBERS WILL HAVE A PRE - CAST REMOVABLE COVERS FOR MAINTENANCE PURPOSE.

EXPECTED RAISE IN WATER LEVELS = 2.5 CM.

EXPECTED LIFE OF THE ABOVE SCHEME = 20 YEARS

UNIT AREA

BLOCK A	
UNIT	AREA
A	76.0 SQ.MT.
B	75.86 SQ.MT.
C	79.11 SQ.MT.
D	77.0 SQ.MT.
E	79.11SQ.MT.
F	74.85 SQ.MT.
G	75.3 SQ.MT.

BLOCK B

UNIT	AREA
H	100.3 SQ.MT.
I	101 SQ.MT.
J	103.35 SQ.MT.

NO. OF UNIT BLOCK A = 28 NO.
NO. OF UNIT BLOCK B = 12 NO.
TOTAL UNITS = 40 NO.

AREA STATEMENT

TOTAL LAND AREA = 2591.9 SQ.MT.
AREA UNDER ROAD WIDENING = 182.63 SQ.MT.
NET PLOT AREA = 2409.27 SQ.MT.
GREEN AREA GIVEN = 176.5 SQ.MT.

COVERED AREA DETAIL

FLOOR	BLOCK A	BLOCK B
STILT	569.87 SQ.MT.	—
GROUND FLOOR	622.36 SQ.MT.	337.7 SQ.MT.
FIRST FLOOR	622.36 SQ.MT.	337.7 SQ.MT.
SECOND FLOOR	622.36 SQ.MT.	337.7 SQ.MT.
THIRD FLOOR	622.36 SQ.MT.	337.7 SQ.MT.
MUMTY	71.80 SQ.MT.	26.17 SQ.MT.
TOTAL	3131.11 SQ.MT.	1376.97 SQ.MT.

TOTAL COVERED AREA = 4508.08 SQ.MT.
GROUND COVERAGE ALLOWED = 45%
GROUND COVERAGE ACHIEVED = 39.84%
TOTAL COVERED AREA FOR F.A.R. = 3840.24 SQ.MT.
F.A.R. ALLOWED = 1.75
F.A.R. ACHIEVED = 1.59

PARKING CALCULATION

PARKING REQUIRED = FOR 40 UNITS
@ 1 E.C.S. FOR 2 UNIT = 20 E.C.S.
PARKING GIVEN = 569.87 SQ.MT. = 20.35 E.C.S.

PROJECT

PROPOSED AFFORDABLE GROUP HOUSING BUILDING PLAN FOR MRS. KANTA
KAPOOR W/O MR. SHYAM KAPOOR & MRS. MANJU ROHATGI W/O MR. RAKESH
ROHATGI, SITE AT 218 219 CIVIL LINES, BAREILLY.

LEGEND FOR FIRE	
1. PROP WORK	
2. HOSE REEL	
3. FIRE HYDRANT	
4. TERRACE TANK	
5. TERRACE PUMP	
6. FIRE BRIGADE IN LET VALVE	
7. BUTTER FLY VALVE	

NOTES

1-FIRE EXTINGUISHER SHOULD BE INSTALLED WITH THE RATIO OF ONE FIRE EXTINGUISHER IN 100 SQMT AREA.

2-ALL FIRE ARRANGEMENTS SHOWN AS PER N.B.C 1983 AMENMENT 2005.

TYPE	SIZE	SILL HT.	LINTEL HT.
D	0.77 M	—	2.1 M
D1	1.0 M	—	2.1 M
D2	1.04 M	—	2.1 M
OW	3.0 M	0.15 M	2.1 M
OW1	3 M	0.15 M	2.1 M
OW	1.5 M	0.15 M	2.1 M
V	1.2 M	0.45 M	2.1 M
WA	0.62 M	0.6 M	2.1 M
WS	1.5 M	0.45 M	2.1 M
V	0.75 M	2.1 M	2.1 M

SIGNATURE / STAMP

Manger Roh

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JITENDRA KR. S
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