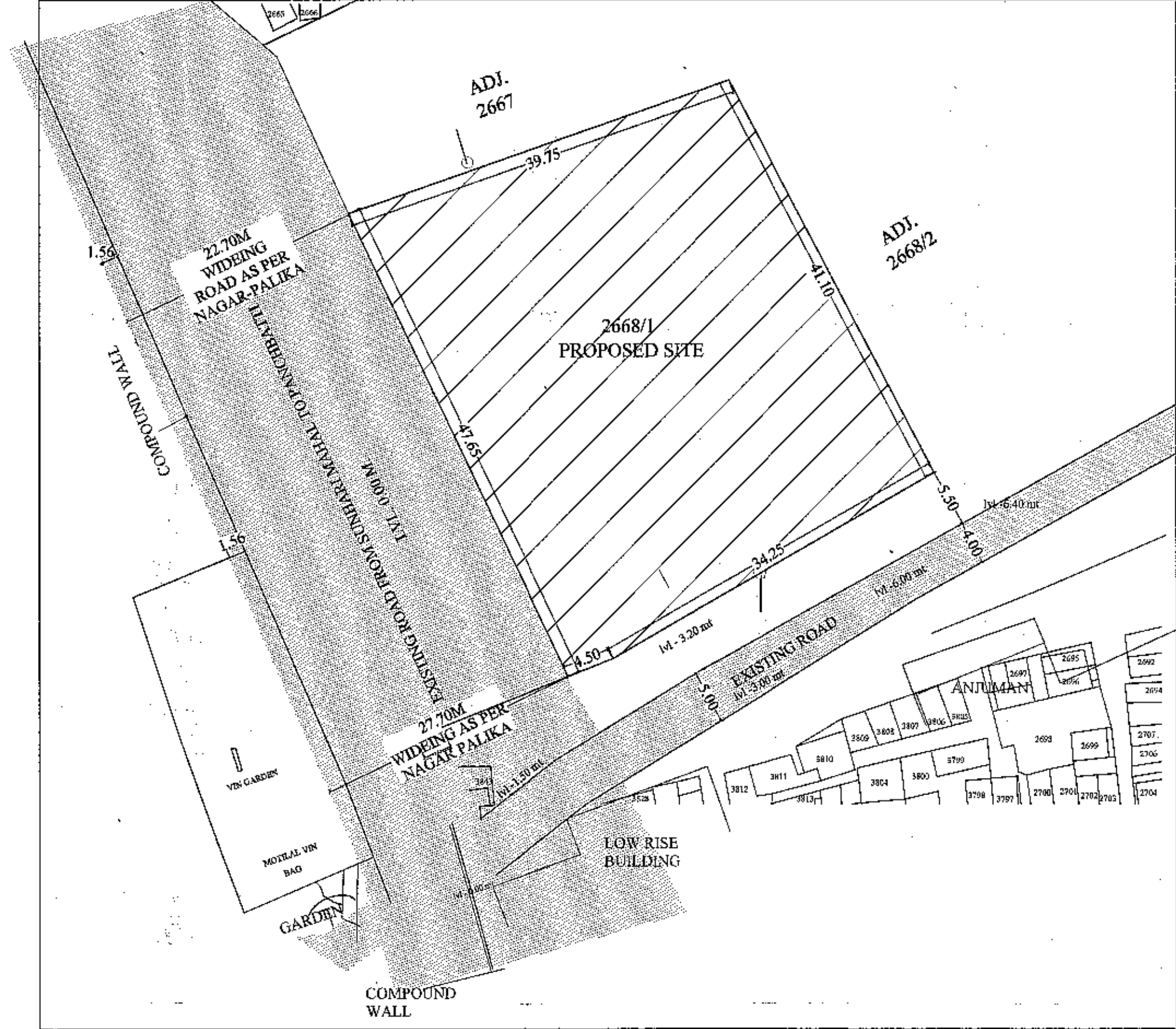
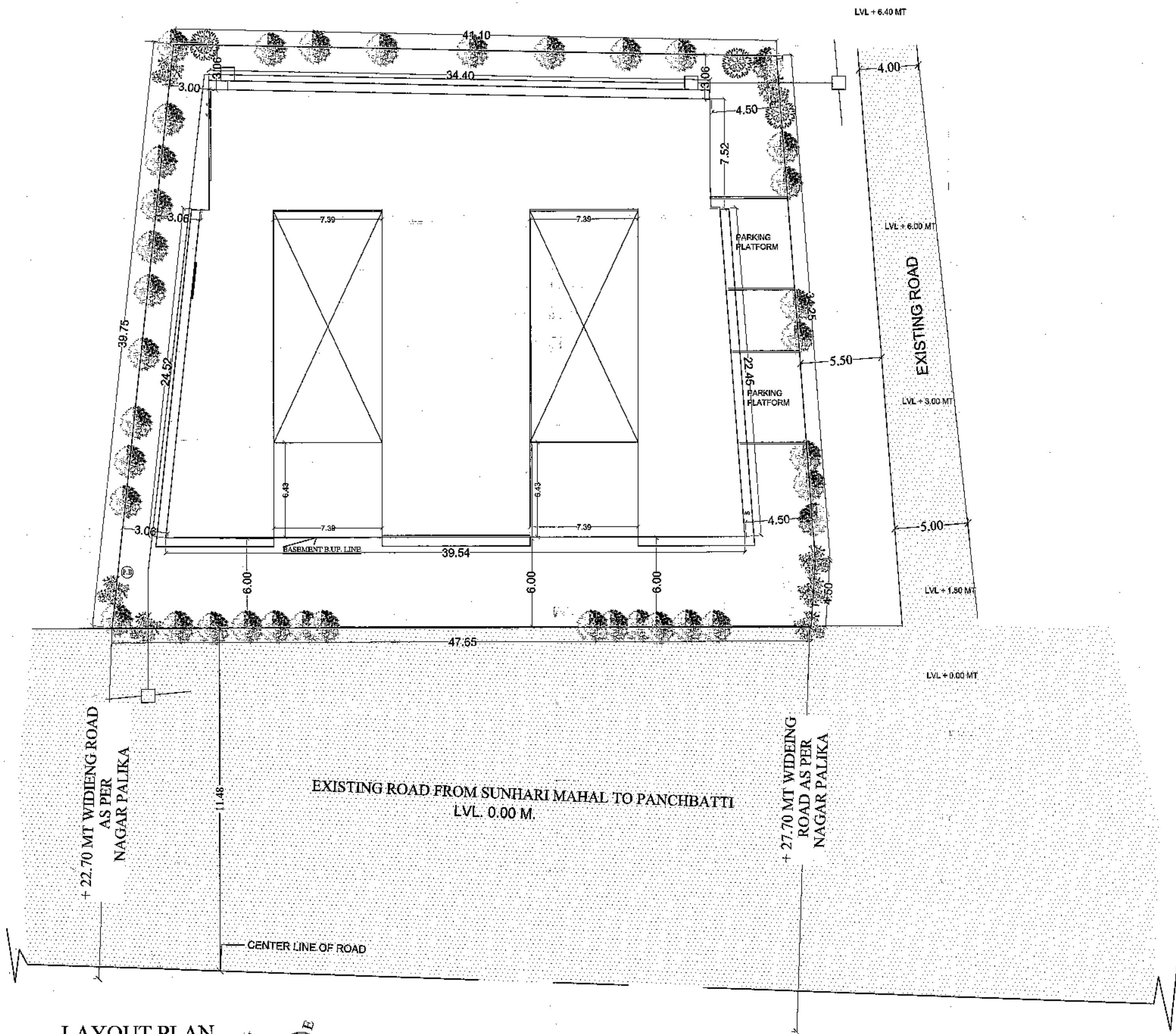


PROP. MERCANTILE-01 BLDG PLAN ON C.S. NO.2668-1, WARD NO. 03, AT:-SONERI MAHAL, TAL.DIS.:BHARUCH.

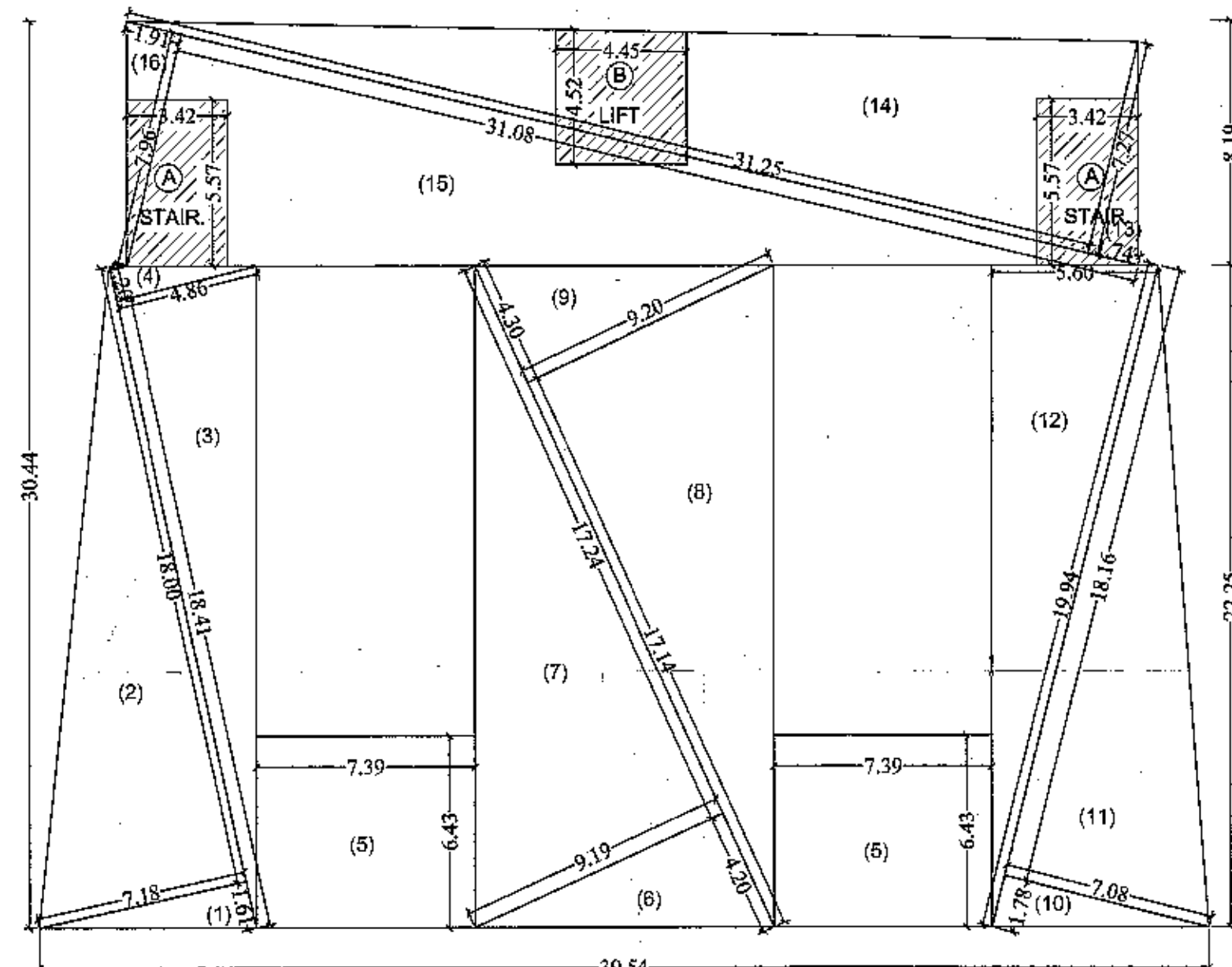
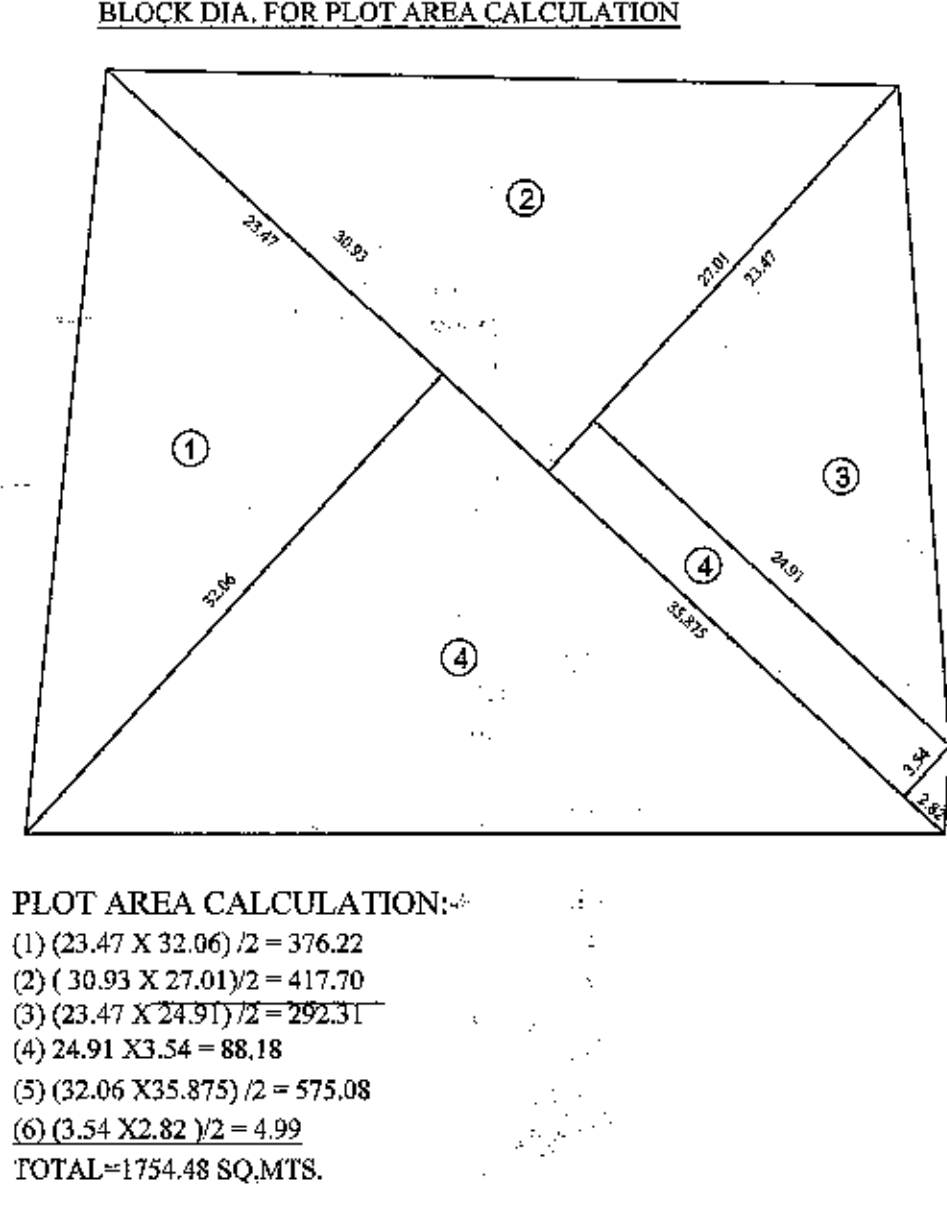
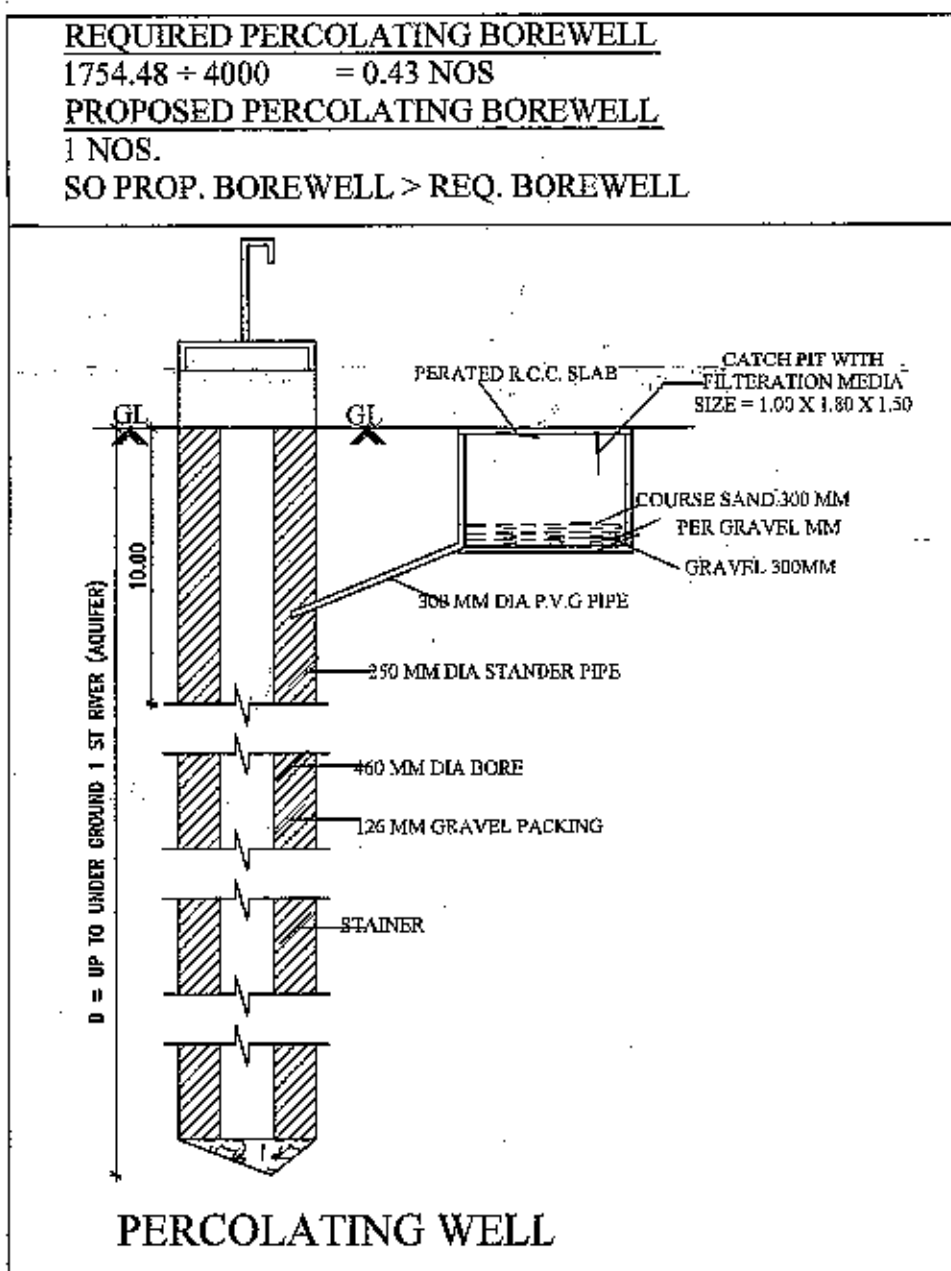


KEY PLAN
(SCALE:- 1 CM = 4.00 MT)

LAYOUT PLAN.
(scale:-1 cm = 2.00 mt)

SANITARY REQUIREMENT CALCULATION
TOTAL CARPET AREA (FSI) = 3360.51 SM
TOTAL PERSONS (OCCUPANCY)
3360.51 / 4 = 840.12 PERSONS
W.C. REQD 840.12/100 = 8.41
= 8.41 NOS/GENDER
W.C. PROVIDED (TOTAL) = 20 NOS.
LADIES = 10 NOS.
GENTS = 10 NOS.

TREES PLANTATION CALCULATION
NET AREA OF PLOT = 1754.48 SM
TREES REQD
= (1754.48 X 3)/200 = 26.32 = 27 NOS
TREES PROVIDED = 27 NOS



TOTAL B.U.P AREA = 787.82
TYPICAL FLOOR F.S.I. AREA CALC.
(GR.FL. + 1st FL. + 2nd FL.)
B.U.P. AR. - F.S.I. LESS AR.
787.82 - 153.23 = 634.59 X 3 = 1903.77
F.S.I. LESS AREA CALC.
(A) 3.42X 5.57 X 2 = 38.09
(B) 4.45 X 4.52 = 20.11
(C) 7.39 X 6.43 X 2 = 95.03
TOTAL = 153.23
TYPICAL FLOOR F.S.I. AREA CALC.
(3rd FL. + 4th FL.)
634.59 + 95.03 = 729.62 X 2 = 1459.24

ADD AREA
(1) 1.61 X 7.18 = 5.77
(2) 7.18 X 18.00 = 64.62
(3) 18.41 X 4.86 = 44.73
(4) 4.86 X 1.20 = 2.916
(5) 7.39 X 6.43 X 2 = 95.03
(6) 4.20 X 9.19 = 19.29
(7) 17.24 X 9.19 = 79.22
(8) 17.14 X 9.20 = 78.84
(9) 9.20 X 4.30 = 19.78
(10) 7.08 X 1.78 = 6.30
(11) 7.08 X 18.16 = 64.29
(12) 19.94 X 5.60 = 55.83
(13) 7.27 X 1.74 = 6.32
(14) 31.25 X 7.27 = 113.59
(15) 31.08 X 7.96 = 123.70
(16) 7.96 X 1.91 = 7.60
TOTAL = 787.82

TOTAL F.S.I AREA CALC.
GROUND FLOOR F.S.I = 634.59
1st FLOOR F.S.I = 634.59
2nd FLOOR F.S.I = 634.59
3rd FLOOR F.S.I = 729.62
4th FLOOR F.S.I = 729.62
TOTAL F.S.I AREA = 3363.01

OPENING SCHEDULE		
SR.NO.	NAME	SIZE
1	W	1.82X1.22
2	W1	1.22X1.22
2	W2	0.91X1.22
3	D	1.06X2.13
3	D1	0.91X2.13
4	d	0.76X2.13
5	V	0.60X0.60

COLOR NOTE		
NO.	ITEM	BUILDING PLAN
D1	PLOT LINE	THICK BLACK
D2	EXISTING STREET	THICK BLACK
D3	FUTURE STREET, IF ANY	GREEN DOTTED
D4	PERMISSIBLE BUILDING LINE	THICK DOTTED BLACK
D5	OPEN SPACES	NO COLOUR
D6	PROPOSED WORK	RED
D7	DRAINAGE AND SEWERAGE WORK	RED DOTTED
D8	WATER SUPPLY WORK	BLACK DOTTED THIN
D9	WORK TO BE DEMOLISHED	YELLOW HATCHED
D10	EXISTING WORK	BLUE

A.R.E.A. STATEMENT		SQ.MT.
1. TOTAL AREA OF LAND AS PER PROPERTY CARD		1754.48
2. NET PLOT AREA		1754.48
3. PERM.F.S.I. @ 1.5 X 1754.48		2631.72
4. PERM.CHARGEABLE F.S.I. @ 0.6 X 1754.48		1052.68
5. TOTAL MAX. PERM. F.S.I. @ 2.1 X 1754.48		3684.40
6. PROPOSED F.S.I		
LOWER GR.FL. + UPPER GR. FL. + FIRST FL. + (TYP. FL. X 3)		3360.51
787.82 + (680.12 X 2) + (680.12 X 3)		1.91
FSI CONSUMED = 3363.01/1754.48		
CHARGES OF FSI USED (3363.01-2631.72)		731.29

PROPOSED BUILT UP AREA & F.S.I. AREA		
DETAIL	PRO. BUILT UP AREA	PRO. F.S.I. AREA
(A) LOWER BASEMENT	1115.00	PARKING
(B) UPPER BASEMENT	1115.00	PARKING
(C) GROUND FLOOR	787.82	634.59
(D) FIRST FLOOR	787.82	634.59
(E) SECOND FLOOR	787.82	634.59
(F) THIRD FLOOR	787.82	729.62
(G) FOURTH FLOOR	787.82	729.62
STAIR CABIN	153.23	---
TOTAL	6322.33	3363.01
USE OF F.S.I. (3363.01-1754.48)		1.92
REQ. PARKING AREA		1008.90
PROPOSED PARKING AREA		2741.78

OWNER'S SIGN
CERTIFICATE
(1) EXISTING STRUCTURE AND ADJOINING IS SEEN BY ME & NECESSARY PRECAUTIONS WILL BE TAKEN FOR SMOOTH WORKING WITHOUT DEFECT TO EXISTING WORK. MANHOLE CONNECTIONS VERIFIED BY ME.
(2) VERIFIED THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON DATE : 15-06-2015 AND THE DIMENSIONS OF SIDES ETC OF PLOT STATED ON PLAN ARE AS MEASURED ON SITE AND THE ARE SO WORKED OUT TALLIES WITH THE AREA STATED IN DOCUMENT OF OWNERSHIP / T.P. RECORD.
SIGNATURE
ARCHITECT / ENGINEER / SURVEYOR
ENGINEER'S SIGN
CHIRAG D. SHETA
B/102, CAPITAL CORNER,
NR. GUJARAT GAS COMPANY,
ADAJAN ROAD, SURAT.
BRUDA-L-ARCH-10
AUTHORITY
આ સહી ના તા. 15/06/2015 ના પગ નં. 92/3 નોડી... 5480/1235...
અધિકારી દ્વારા કરવામાં આવેલું છે.
મુખ્ય ઈન્જિનિયર અધિકારી
ભરૂચ-અંકલેશ્વર શહેરી વિસ્તાર સત્તા મંડળ
ભરૂચ.