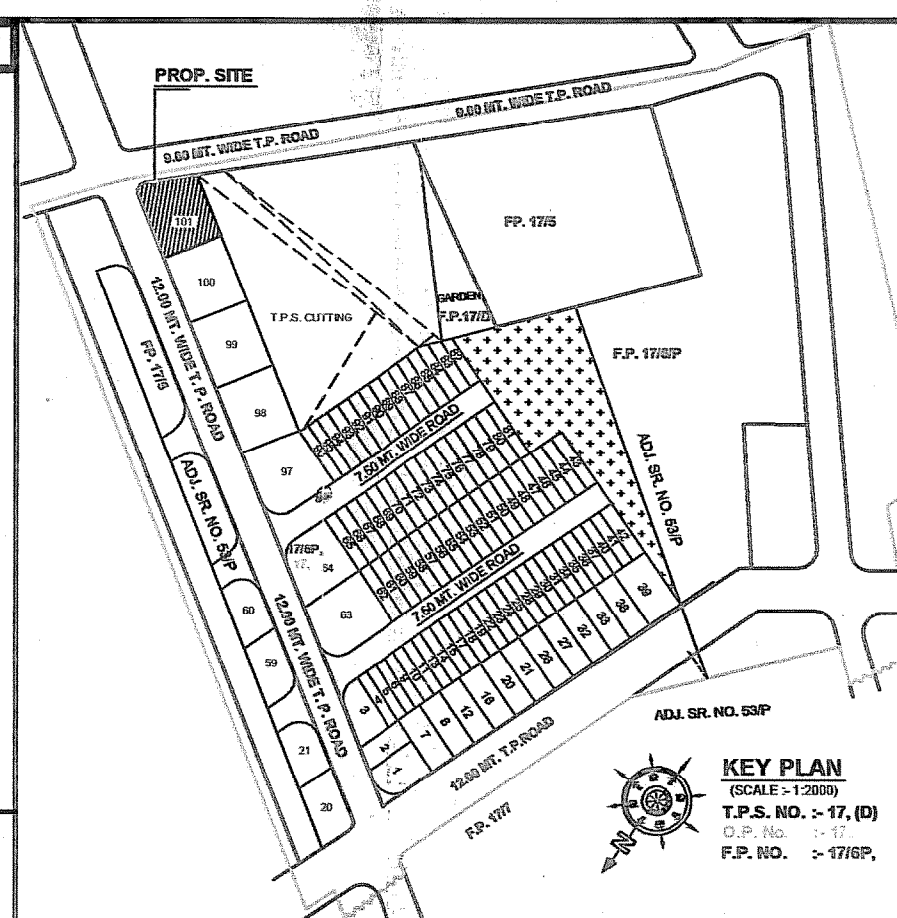


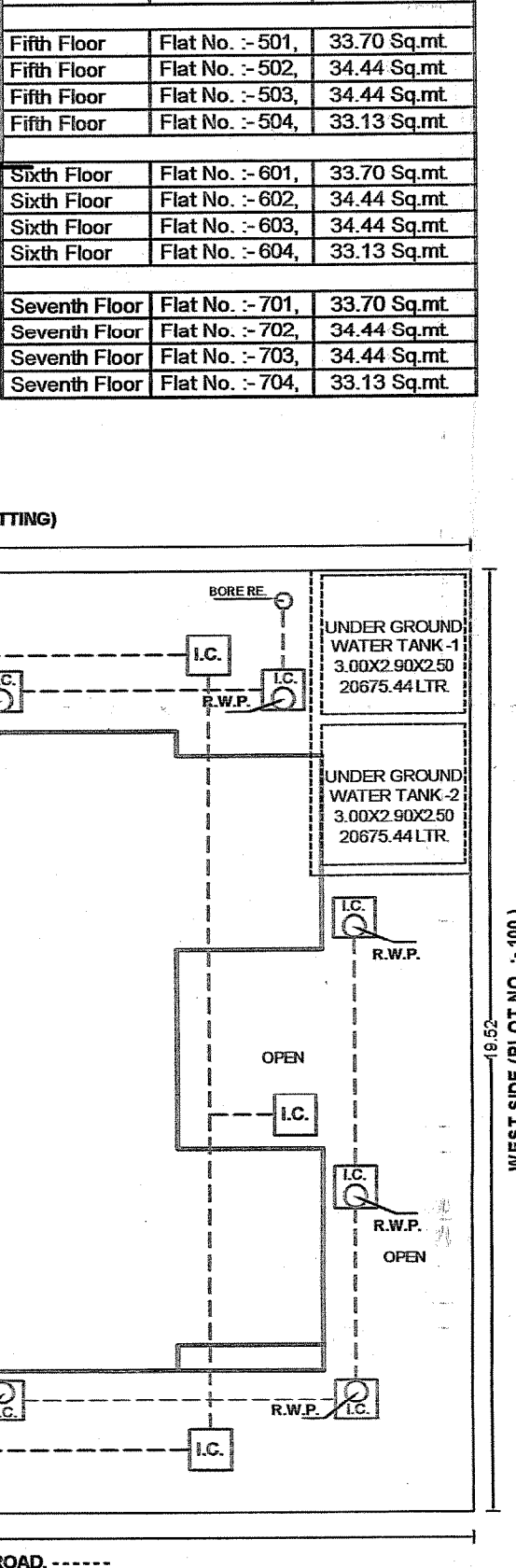
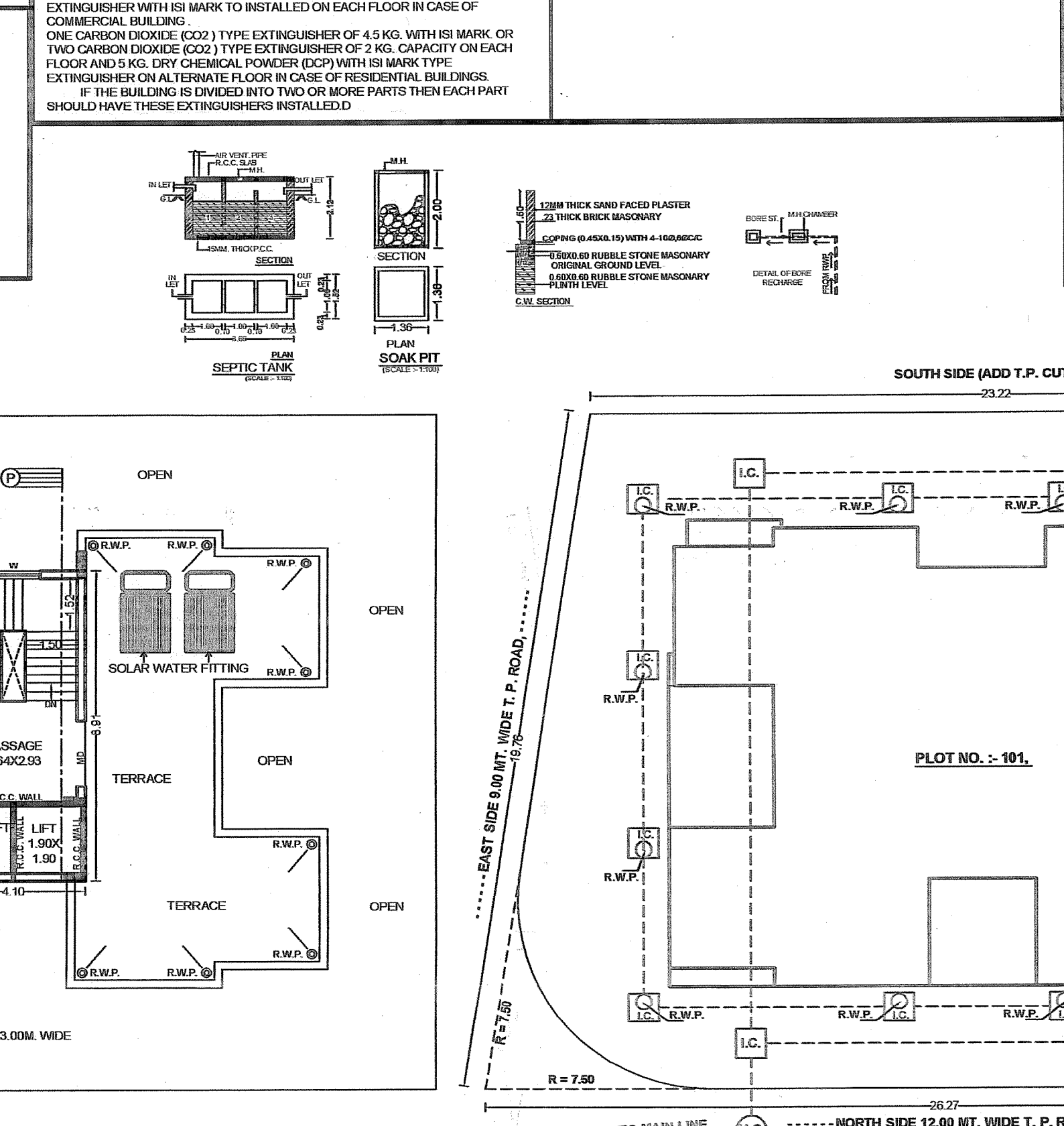
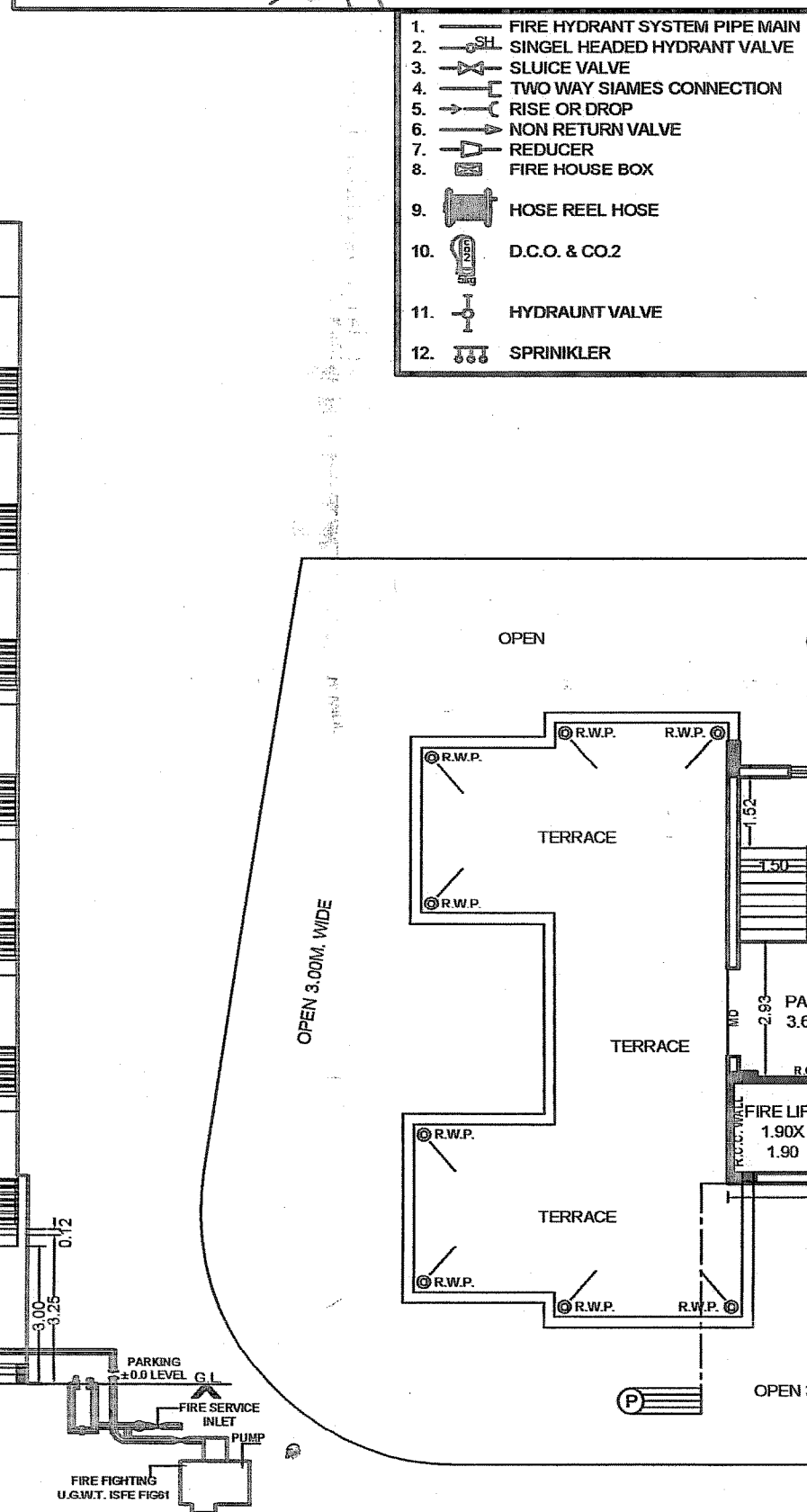
| BUILT UP AREA CALCULATION                                                                                                                                                                                                                                                                              | BUILT UP AREA CALCULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F.S.I. AREA CALCULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PARKING CALCULATION                                                                                                                                                                                                                                                                                                                                                                                               | PARKING CALCULATION                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>GROUND FLOOR (BUILT UP) AREA</b>                                                                                                                                                                                                                                                                    | <b>1st To 7th FLOOR (BUILT UP) AREA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GROUND FLOOR (F.S.I.) AREA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PARKING REQUIRED</b>                                                                                                                                                                                                                                                                                                                                                                                           | <b>PARKING PROVIDING</b>                                                              |
| A. 17.88 X 4.57 :- 81.71<br>B. 14.88 X 4.05 :- 60.26<br>C. 3.00 X 4.04 :- 12.12<br>D. 4.12 X 4.57 :- 18.83<br>E. 3.64 X 3.39 :- 12.34<br>F. 4.12 X 4.57 :- 18.83<br>G. 2.84 X 4.04 :- 11.47<br>H. 2.47 X 0.76 :- 1.88<br>I. 0.16 X 0.93 :- 0.15<br>J. 0.23 X 0.23 :- 0.05<br>K. TOTAL :- 217.64 Sq.mt. | <b>G. F. BUI. AREA :- 217.64 Sq.mt.</b><br><b>LESS AREA</b><br>1. 3.00 X 0.53 :- 1.59<br>2. 3.04 X 3.10 :- 9.42<br>3. 3.00 X 0.53 :- 1.59<br>4. 3.00 X 4.05 :- 12.15<br>5. 0.16 X 0.93 :- 0.15<br>6. 2.47 X 0.76 :- 1.88<br>7. 0.23 X 0.23 :- 0.05<br>8. TOTAL :- 26.83 Sq.mt.<br><b>G. F. BUI. AREA :- 217.64 Sq.mt.</b><br><b>LESS AREA :- 26.81 Sq.mt.</b><br><b>NET BUI. AREA :- 190.83 Sq.mt.</b><br><b>STAIR ROOM (BUILT UP) AREA</b><br>1. 4.10 X 8.91 :- 36.53<br>2. TOTAL :- 36.53 Sq.mt. | <b>17.88 X 4.57 :- 81.71</b><br><b>3.53 X 4.98 :- 17.58</b><br><b>3.37 X 3.11 :- 10.48</b><br><b>2.70 X 0.76 :- 2.05</b><br><b>TOTAL :- 111.82</b><br><b>3.90 X 1.24 :- 4.84 (Less Lift Area)</b><br><b>NET TOTAL :- 106.98 SQ.MT.</b><br><b>1st To 7th FLOOR (F.S.I.) AREA</b><br><b>BUILT UP AREA :- 190.83 Sq.mt.</b><br><b>LESS AREA :- 24.68 (Stair &amp; Passage)</b><br><b>3.90 X 1.90 :- 7.41 (Lift Area)</b><br><b>3.04 X 0.23 :- 0.70 (Lift Wall)</b><br><b>TOTAL :- 32.79 Sq.mt.</b><br><b>BUILT UP AREA :- 190.83 Sq.mt.</b><br><b>LESS AREA :- 32.79 Sq.mt.</b><br><b>NET BUI. AREA :- 158.04 Sq.mt.</b> | <b>COMMERCIAL PARKING</b><br>A. G.F. :- 106.98 X 50% :- 53.49 Sq.mt.<br><b>RESIDENCE PARKING</b><br>A. 1st To 7th Area :- 158.04 X 7 :- 1106.28<br>B. 1106.28 X 11% :- 121.69<br>C. TOTAL AREA :- 121.69 Sq.mt.<br><b>COMM. PARKING :- 53.49</b><br><b>RESI. PARKING :- 121.69</b><br><b>TOTAL AREA :- 175.18 SQ.MT.</b><br><b>GROUND FLOOR TOTAL PARKING</b><br>75.06 + 101.17 :- 176.23 Sq.mt.<br>(COV. + OPEN) | <b>GROUND FLOOR TOTAL PARKING</b><br>75.06 + 101.17 :- 176.23 Sq.mt.<br>(COV. + OPEN) |



(1) HYDRANT SYSTEM :-  
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT FROM GETTING SMOKE LOGGED.  
THE RISER (DOWN) CORNER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.  
(2) LIGHTING ARRANGEMENT :-  
A LIGHTING ARRANGEMENT SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.  
(3) PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES :-  
IF THE BUILDING FALLS IN A CORNERED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR/LANDING /PATHWAY /DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LANDING /PATHWAY /DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.  
(4) ELECTRICAL POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM :-  
ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. (I.E. FROM ELECTRICAL POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION AND SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.  
(5) IMPORTANT INSTRUCTIONS :-  
AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM, SPRINKLER, SMOKE EXTRACTOR ETC.) AS PER PRELOAD / FIRE RISK / PUBLIC MEASURES, POTENTIAL OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.

| FLOOR         | UNIT NUMBER     | CARPET AREA  |
|---------------|-----------------|--------------|
| Ground Floor  | Stall No. :- 1  | 7.42 Sq.mt.  |
| Ground Floor  | Stall No. :- 2  | 9.68 Sq.mt.  |
| Ground Floor  | Stall No. :- 3  | 9.41 Sq.mt.  |
| Ground Floor  | Stall No. :- 4  | 9.42 Sq.mt.  |
| Ground Floor  | Stall No. :- 5  | 9.41 Sq.mt.  |
| Ground Floor  | Stall No. :- 6  | 9.68 Sq.mt.  |
| Ground Floor  | Stall No. :- 7  | 9.94 Sq.mt.  |
| Ground Floor  | Stall No. :- 8  | 7.44 Sq.mt.  |
| Ground Floor  | Stall No. :- 9  | 7.79 Sq.mt.  |
| Ground Floor  | Stall No. :- 10 | 6.70 Sq.mt.  |
| First Floor   | Flat No. :- 101 | 33.70 Sq.mt. |
| First Floor   | Flat No. :- 102 | 34.36 Sq.mt. |
| First Floor   | Flat No. :- 103 | 34.36 Sq.mt. |
| First Floor   | Flat No. :- 104 | 33.13 Sq.mt. |
| Second Floor  | Flat No. :- 201 | 33.70 Sq.mt. |
| Second Floor  | Flat No. :- 202 | 34.44 Sq.mt. |
| Second Floor  | Flat No. :- 203 | 34.44 Sq.mt. |
| Second Floor  | Flat No. :- 204 | 33.13 Sq.mt. |
| Third Floor   | Flat No. :- 301 | 33.70 Sq.mt. |
| Third Floor   | Flat No. :- 302 | 34.44 Sq.mt. |
| Third Floor   | Flat No. :- 303 | 34.44 Sq.mt. |
| Third Floor   | Flat No. :- 304 | 33.13 Sq.mt. |
| Fourth Floor  | Flat No. :- 401 | 33.70 Sq.mt. |
| Fourth Floor  | Flat No. :- 402 | 34.44 Sq.mt. |
| Fourth Floor  | Flat No. :- 403 | 34.44 Sq.mt. |
| Fourth Floor  | Flat No. :- 404 | 33.13 Sq.mt. |
| Fifth Floor   | Flat No. :- 501 | 33.70 Sq.mt. |
| Fifth Floor   | Flat No. :- 502 | 34.44 Sq.mt. |
| Fifth Floor   | Flat No. :- 503 | 34.44 Sq.mt. |
| Fifth Floor   | Flat No. :- 504 | 33.13 Sq.mt. |
| Sixth Floor   | Flat No. :- 601 | 33.70 Sq.mt. |
| Sixth Floor   | Flat No. :- 602 | 34.44 Sq.mt. |
| Sixth Floor   | Flat No. :- 603 | 34.44 Sq.mt. |
| Sixth Floor   | Flat No. :- 604 | 33.13 Sq.mt. |
| Seventh Floor | Flat No. :- 701 | 33.70 Sq.mt. |
| Seventh Floor | Flat No. :- 702 | 34.44 Sq.mt. |
| Seventh Floor | Flat No. :- 703 | 34.44 Sq.mt. |
| Seventh Floor | Flat No. :- 704 | 33.13 Sq.mt. |

| NAME OF WORK :- PROPOSED COMM.+RESI. AFFORDABLE HOUSING            |                                   |                 |                        |             |             |
|--------------------------------------------------------------------|-----------------------------------|-----------------|------------------------|-------------|-------------|
| HIGH RISE BUILDING PLAN (25MT. HT. LIMIT) - DWELLING - 3. (RAH) 17 |                                   |                 |                        |             |             |
| OWNER'S NAME                                                       | SHRI ANKITA NIRMAL BHANSALI       |                 |                        |             |             |
| USE OF BLD.                                                        | COMMERCIAL + RESIDENCE - (RAH) 17 |                 |                        |             |             |
| TYPE OF CONS.                                                      | FRAME STRUCTURE                   |                 |                        |             |             |
| LOCATION                                                           | OPP. RAM PARK, MORBI ROAD RAJKOT. |                 |                        |             |             |
| VILLAGE                                                            | RAJKOT                            | WARD NO. :- 04, | COMMERCIAL UNIT :- 10, |             |             |
| REV SR. NO.                                                        | 53 - P2                           | PLOT NO :- 101, | RESIDENCE UNIT :- 28,  |             |             |
| CITY SR. NO                                                        | ----                              | ----            | TOTAL UNIT :- 38,      |             |             |
| T.P.S. NO. :- 17 (D) RAJKOT, O.P. NO. :- 17, F.P. NO. :- 1718 P.   |                                   |                 |                        |             |             |
| AREA TABLE :- TOTAL PLOT AREA :- 470.96 SQ.MT.                     |                                   |                 |                        |             |             |
| FLOOR                                                              | PROP. BUILT UP                    | DUCT IN F.S.I.  | LESS IN F.S.I.         | F.S.I. USED | CARPET AREA |
| Ground Floor                                                       | 217.64                            | -----           | 110.66                 | 106.98      | 86.89       |
| First Floor                                                        | 190.83                            | -----           | 32.79                  | 158.04      | 135.55      |
| Second Floor                                                       | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Third Floor                                                        | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Fourth Floor                                                       | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Fifth Floor                                                        | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Sixth Floor                                                        | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Seven Floor                                                        | 190.83                            | -----           | 32.79                  | 158.04      | 135.71      |
| Stair Room                                                         | 36.53                             | -----           | 36.53                  | -----       | -----       |
| F. S. I. USED :- 1213.26 = 2.576 < 2.70 O.K.                       |                                   |                 |                        |             |             |
| SCHEDULE :-                                                        |                                   |                 |                        |             |             |
| MD1 :- 1.22 X 2.10                                                 |                                   |                 |                        |             |             |
| MD2 :- 1.02 X 2.10                                                 |                                   |                 |                        |             |             |
| R.S.1 :- 2.36 X 2.44                                               |                                   |                 |                        |             |             |
| R.S.2 :- 2.29 X 2.44                                               |                                   |                 |                        |             |             |
| R.S.3 :- 2.18 X 2.44                                               |                                   |                 |                        |             |             |
| R.S.4 :- 1.67 X 2.44                                               |                                   |                 |                        |             |             |
| R.S.5 :- 1.68 X 2.44                                               |                                   |                 |                        |             |             |
| FREE F.S.I. :- 847.728 SQ.MT.                                      |                                   |                 |                        |             |             |
| PAID F.S.I. :- 365.532 SQ.MT.                                      |                                   |                 |                        |             |             |
| PARKING :-                                                         |                                   |                 |                        |             |             |
| REQUIRED PARKING :- 175.18 SQ.MT.                                  |                                   |                 |                        |             |             |
| PROVIDED PARKING :- 176.23 SQ.MT.                                  |                                   |                 |                        |             |             |
| LEGEND :-                                                          |                                   |                 |                        |             |             |
| PLOT BOUNDARY :-                                                   |                                   |                 |                        |             |             |
| PROPOSED WORK :-                                                   |                                   |                 |                        |             |             |
| DRAINAGE LINE :-                                                   |                                   |                 |                        |             |             |
| PARKING LINE :-                                                    |                                   |                 |                        |             |             |
| STRU. ENGINEER :-                                                  |                                   |                 |                        |             |             |
| CONS. ENGINEER :-                                                  |                                   |                 |                        |             |             |



**Naresh Dave**  
(B.E. Civil)  
Structure Engineer  
U-10 Nandana Tower, Nandana Road, Rajkot.  
U.N. No. :- 100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/1231/1232/1233/1234/1235/1236/1237/1238/1239/1240/1241/1242/1243/1244/1245/1246/1247/1248/1249/1250/1251/1252/1253/1254/1255/1256/1257/1258/1259/1260/1261/1262/1263/1264/1265/1266/1267/1268/1269/1270/1271/1272/1273/1274/1275/1276/1277/1278/1279/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