



**AREA CALCULATION**  
 TOTAL PLOT AREA AS PER SITE PLAN = 2499.73 SQ.M.  
 1ST FLOOR BUILT UP AREA = 804 SQ.M.  
 2ND FLOOR BUILT UP AREA = 1131.22 SQ.M.  
 3RD FLOOR BUILT UP AREA = 1131.22 SQ.M.  
 TOTAL BUILT UP AREA = 3471.70 SQ.M.  
 F.A.R. = 3471.70 SQ.M. / 2499.73 SQ.M. = 1.39  
 F.A.R. = 1.39

**WATER TANK CALCULATION**  
 TOTAL NO. OF FLATS = 27 NOS.  
 TOTAL NO. OF PERSONS = 135  
 TAKING 20% EXCESS = 135 x 20 = 27  
 TOTAL NO. OF PERSONS = 135 + 27 = 162  
 135LTR/PERSON = 135 x 162 = 21870 LTRS  
 PROVIDED WATER TANK SIZE = 21870 LTRS  
 TOTAL PROVIDED = 21870 LTRS

**SEPTIC TANK CALCULATION**  
 TOTAL NO. OF FLATS = 27 NOS.  
 TOTAL NO. OF PERSONS = 135  
 TAKING 20% EXCESS = 135 x 20 = 27  
 TOTAL NO. OF PERSONS = 135 + 27 = 162  
 PROVIDED SEPTIC TANK OF SIZE = 18.75 CUM.  
 5.00 x 2.51 x 1.5 = 18.75 CUM.  
 TOTAL = 18.75 CUM.

**PLOT STATEMENT**  
 PROPOSED RESIDENTIAL BUILDING OF  
 SYED ZEYAUDDIN ASHRAF AND OTHERS  
 SURVEY PLOT NO. 111(P), 112 & 113 (P) (96P)  
 KHATA NO-59  
 THANA NO-17  
 MAUZA-CHITKOHARA  
 TAUKI NO-18642  
 DIST-PATNA

**TYPICAL DRAIN DETAIL**  
 NOT TO SCALE

**CERTIFICATE**  
 THIS IS TO CERTIFY THAT STRUCTURAL DESIGN OF THIS BUILDING IS IN ACCORDANCE WITH THE PROVISIONS OF IS:800-1985 TO MAKE THE SAME EARTH-QUAKE RESISTANT.

ALL DIMENSION ARE IN M  
 SCALE: 1:100  
 NORTH  
 DRG NO. 01/04

1. S. Zeyauddin Ashraf  
 2. S. Zeyauddin Ashraf  
 3. S. Zeyauddin Ashraf  
 4. S. Zeyauddin Ashraf  
 5. S. Zeyauddin Ashraf  
 SIGNATURE OF LAND OWNER  
 SIGNATURE OF TECHNICAL PERSON  
 SIGNATURE OF STRUCTURAL ENGINEER

**PATNA MUNICIPAL CORPORATION**  
 REGIONAL DEVELOPMENT AUTHORITY (DSSA) (DSSA)  
 SECTION 314, 315, 316 & 317 of the Bihar Municipal Act 2007  
 by the Municipal Commissioner, Patna on...

**PARKING AREA CALCULATION**  
 TOTAL BUILT UP AREA = 3471.70 SQ.M.  
 TOTAL REQUIRED PARKING AREA @ 25% OF BUILT UP AREA = 867.92 SQ.M.  
 COVERED PARKING AREA - (PROVIDED) 1053.18 SQ.M.

**PLANTATION AREA CALCULATION**  
 TOTAL PLOT AREA = 2499.73 SQ.M.  
 TOTAL REQUIRED PLANTATION AREA @ 5% OF PLOT AREA = 124.98 SQ.M.  
 TOTAL LANDSCAPING AREA PROVIDED = 125.00 SQ.M.

