



**AREA STATEMENT**

AREA OF THE LAND.....	408.42 m <sup>2</sup>
BASEMENT FLOOR AREA.....	339.38 m <sup>2</sup>
GROUND FLOOR COVERED AREA.....	339.38 m <sup>2</sup>
FIRST FLOOR COVERED AREA.....	339.38 m <sup>2</sup>
SECOND FLOOR COVERED AREA.....	339.38 m <sup>2</sup>
THIRD FLOOR AREA.....	339.38 m <sup>2</sup>
FOURTH FLOOR AREA.....	339.38 m <sup>2</sup>
FIFTH FLOOR AREA.....	339.38 m <sup>2</sup>
TOTAL COVERED AREA.....	2375.66 m <sup>2</sup>
TOTAL CARPET AREA.....	2375.66 m <sup>2</sup>
NO. OF PARKING.....	12 NOS
PARKING PROVIDED (12 X 16.62).....	199.44 m <sup>2</sup>
PARKING PROVIDED.....	303.97 m <sup>2</sup>
% OF PLINTH AREA.....	83.09%
F. A. R.....	4.99

**CALCULATION OF O.H. WATER TANK**

**LCOMMERCIAL**  
Assuming 5 persons per Flat & Hill  
Total No. of Hill : 1-2 = 2, No. of Person per Hill : 2 X 5 = 10  
Total No. of Flat : 17, No. of persons per Flat : 17 X 5 = 85  
Total No. of persons : 85 Persons  
**CALCULATION OF O.H. WATER TANK**  
Consumption of water Per. : (85 X 135 = 11475 Lt.)  
Provide emergency storage of water (1000) Lt.  
Total : 21475 Lt.  
Capacity of tank : 22000 Lt. or 2200 m<sup>3</sup>  
Provide O.H. 2 No. of tank Excluding free board (5m x 2.5m x 2m)  
**CALCULATION OF SEPTIC TANK**  
Sewage produce : 0.8 X 85 X 135 = 9180 Lts.  
Sludge deposited in one year 30% = 2754 Lts.  
Capacity of tank 9180 + 2754 = 11934 Lts. or 11.93m<sup>3</sup>  
Use of tank size : 3.5m x 2.5m x 1.5m

**FIRE INDEX :-**

1	AREA PROTECTED WITH SMOKE DETECTORS ALONG WITH CONTROL PANEL
2	AREA PROTECTED WITH AUTOMATIC SPRINKLERS
3	DIY BOX
4	SLUCE & N.R.V VALVE
5	PUMP (WITH MINIMUM PRESSURE 3KG/CM AT TERRACE LEVEL)
6	WEL RISER CLIMB DOWN/COMER
7	HYDRANT OUTLET
8	HOSE REEL HOSE
9	FIRE CALL POINT
10	FIRE SERVICE INLET
11	HOOTER
12	AREA PROTECTED BY AUTOMATIC DETECT EXTINGUISHER
13	AREA PROTECTED BY WATER CO EXTINGUISHER

**BRIEF SPACECATION**

**STRUCTURE :-** Earthquake Resistant R.C.C. Frame Structure.  
**FOUNDATION :-** R.C.C. (1:1.5) M20 Grade Column footing foundation.  
**ROOFING :-** R.C.C. (1:1.5) M20 Grade Slab with 100mm concrete finish.  
**WALL FINISHING :-** All R.C.C. Frame Structure (1:1.5) M20 Grade Concrete. Finish with Marble/ Vitrified Tiles over 10mm base. / Zircon tile first class (1:4) in ceiling.  
**POOR :-** All door frames are solid wood & frames of 20mm dia. water resistant flush door.  
**WINDING :-** 20mm dia. cement plaster (1:6) on both face of wall & form dia. CM.  
**WALL FINISHING :-** (A) Interior wall finish with P.O.P. & Primer  
(B) Exterior walls of building will be putty finish / Stonecom  
**SANITARY / WATER SUPPLY :-** All work as per IS specification & fittings of ISI Mark.  
**FLOORING :-** 12mm dia. cement plaster (1:6) on both face of wall & form dia. CM.  
**CEILING :-** 12mm dia. cement plaster (1:6) on both face of wall & form dia. CM.  
**CHIMNEY :-** 43 / 55 Grade Cement of standard brand.  
**SAND / AGGREGATE :-** As per IS specification.

**TITLE OF DRAWING**

**AS BUILT PLAN COMMERCIAL BUILDING OF**  
(1) SRI. AWADH KISHORE S/O LATE SHITALA NANI  
(2) SMT. SAVITRI DEVI W/O SRI. AWADHD SAHA  
(3) SRI. AMRENDRA KR. SAHA (4) SRI. AMITESH K. SAHA  
BOTH ARE S/O SRI. AWADH KISHORE SAHA (E SMT. POONAM SAHA W/O SRI. AMRENDRA KR. SAHA)  
(6) KUMARI SABITA SAHA D/O SRI. AWADH KISHORE SAHA (7) SRI. CHANDAN KR. LAI (8) S/O LATE SURA NARAYAN LAI (9) SRI. PANKAJ KR. LAI (10) SRI. DEEPA KR. LAI BOTH ARE S/O LATE SHYAMA CHARAN LAI (11) SMT. RATNA CHATTARAJ W/O SRI. DHIRENDRA NATH CHATTARAJ OF ALL ARE HIRAPUR DHANBAD ON THE PART OF PLOT NO. 1107, KHATA NO. 109, MOUZA HIRAPUR NO.07 IN THE DISTRICT OF DHANBAD

**SIGNATURE OF OWNER**

**SIGNATURE OF ENGINEER**

**PIYUSH KANTI SINGH**  
(CHARTERED ENGINEER)  
Structural Consultant  
Design, Survey & Value  
Lab No. 15K/15N/15O/15P/2016