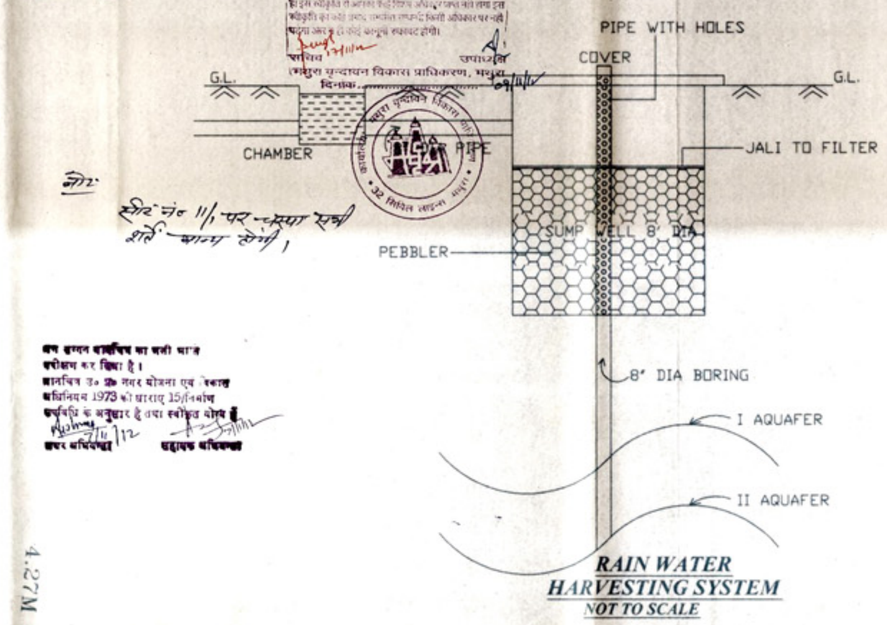
NOS. OF CAR PARKING SPACE Reqd.
= F.A.R/100 x 1.25
= 10475/100 x 1.25 = 130.93
say 131 Equivalent Car Spaces

PROPOSED CAR PARKING:-
= 134.293 CARS

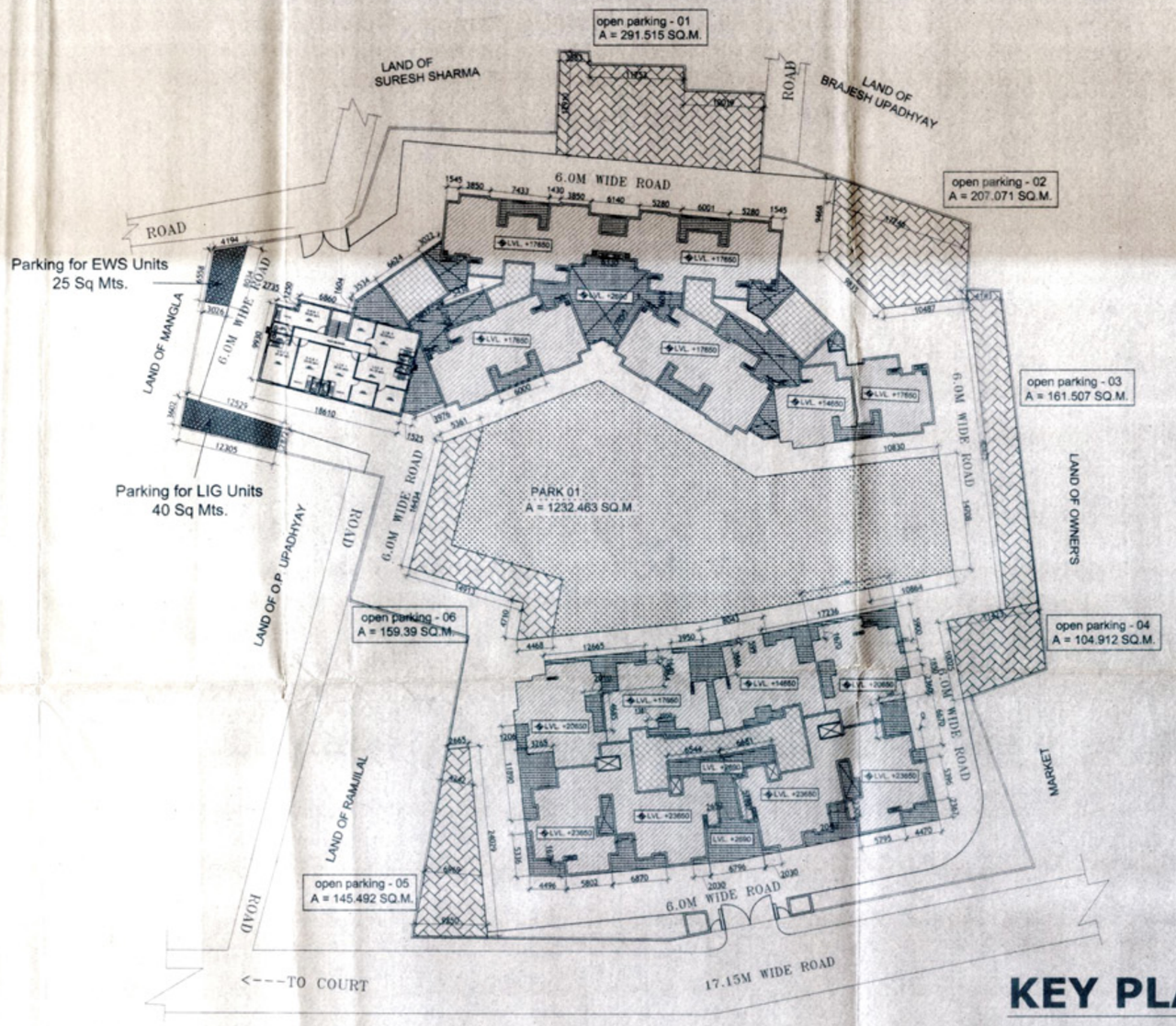
NOS. OF REQUIRED CAR PARKING SPACE for E.W.S & LIG Units

a. for EWS Units @ 2 SqM / Unit
Total Units : 10 Nos.
Parking required : 10 X 2 Sqm = 20 SqMts.
b. for LIG Units @ 13.75 SqM per 4 Units
Total Units : 10 Nos.
Parking Required : 10/4 = 2.5 X 13.75 SqMts
= 34.375 SqMts.

PROPOSED CAR PARKING:-
a. For EWS Units : 25 Sq. Mts
b. For LIG Units : 40 Sq. Mts



RAIN WATER HARVESTING SYSTEM
NOT TO SCALE



KEY PLAN

STILT PLAN

REQUIRED E.C.S. for PARKING = 131 Nos.

- GREEN AREA = 1232.453 SQ.M. = 15.0%
- OPEN PARKING AREA = 1065.549 SQ.M. = 1065.549 / 23 = 46.32 E.C.S. (01 To 06)
- COVD. PARKING AREA (under stilt) = 1884.305 SQ.M. = 1884.305 / 28 = 67.297 E.C.S.
- COVD. PARKING AREA (under podium) = 578.934 SQ.M. = 578.934 / 28 = 20.676 E.C.S.
- PARKING AREA (for EWS & LIG Units) = 25 Sq.Mts for EWS and 40 Sq.Mts for LIG (OPEN)

TOTAL PARKING PROPOSED = 46.320 + 67.297 + 20.676 = 134.293 E.C.S`

TOTAL PARKING PROPOSED for EWS Units = 25 Sq.Mts

TOTAL PARKING PROPOSED for LIG Units = 40 Sq.Mts.

PODIUM AREA

TOWER T-1 = 308.089 SQ.M.
TOWER T-2 = 270.845 SQ.M.

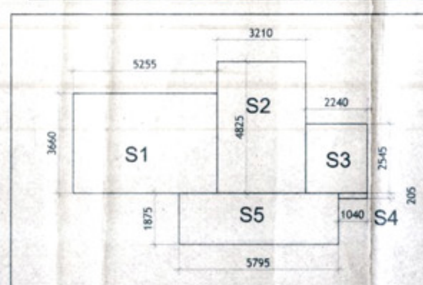
STILT AREA CALCULATIONS

STILT AREA = (T1 + T2) - AREA OF COMMERCIAL
= 1884.305SQ.M.

STILT AREA WITHOUT BALCONYS (for parking)

STILT AREA TOWER T-1 = 838.838SQ.M.
STILT AREA TOWER T-2 = 894.548 SQ.M.
EWS AND LIG BLOCK = 202.420 SQ.M.
TOTAL = 1935.806 SQ.M.

COMMERCIAL AREA CALCULATION



TOTAL AREA OF SHOPS = S1 + S2 + S3 + S4 + S5
= 51.501 SQ.M.

S1 = 5.255 X 3.660 = 19.233 SQ.M.
S2 = 3.210 X 4.825 = 15.488 SQ.M.
S3 = 2.240 X 2.545 = 5.701 SQ.M.
S4 = 1.040 X 0.205 = 0.213 SQ.M.
S5 = 5.795 X 1.875 = 10.866 SQ.M.

Rohit Tandon
B.Tech Civil

ROHIT GARG
CA/94/17868

SHEET NO. = 2

STILT FLOOR PLAN & PARKING CALCULATIONS

Scale - 1 : 300

REFERENCE
REVISED CONSTRUCTION SHOWN THUS
EXISTING CONSTRUCTION SHOWN THUS
FOR COMPOUNDING SHOWN THUS
DRAINAGE WORK SHOWN THUS
SEWER LINE SHOWN THUS

TITLE
REVISED PLAN FOR RESIDENTIAL APARTMENT (ERA) GANGA RESIDENCY) ON A LAND BEARING KHASRA No. 55, SITUATED AT MAUJA - CIVIL LINES, MATHURA, TEH. & DISTT. MATHURA.

OWNERS
1. SH. JAGAT PAL SINGH S/o LATE SH. DHARM SINGH
2. SH. SURYA PAL SINGH S/o LATE SH. DHARM SINGH

POWER OF ATTORNEY HOLDER
SHRI SANJAY SISSODIA S/o
SHRI ROHTAN SINGH

N

OWNER'S SIGN

ARCHITECTS
R.K.& ASSOCIATES
Architects, Engineers & Planners
E-31, GREEN PARK MAIN, NEW DELHI - 110016, INDIA
Tel.: 696-3156, 651-9751, 696-7257
Fax: (011) 696-2540 E-mail: rkassc@nde.vsnl.net.in