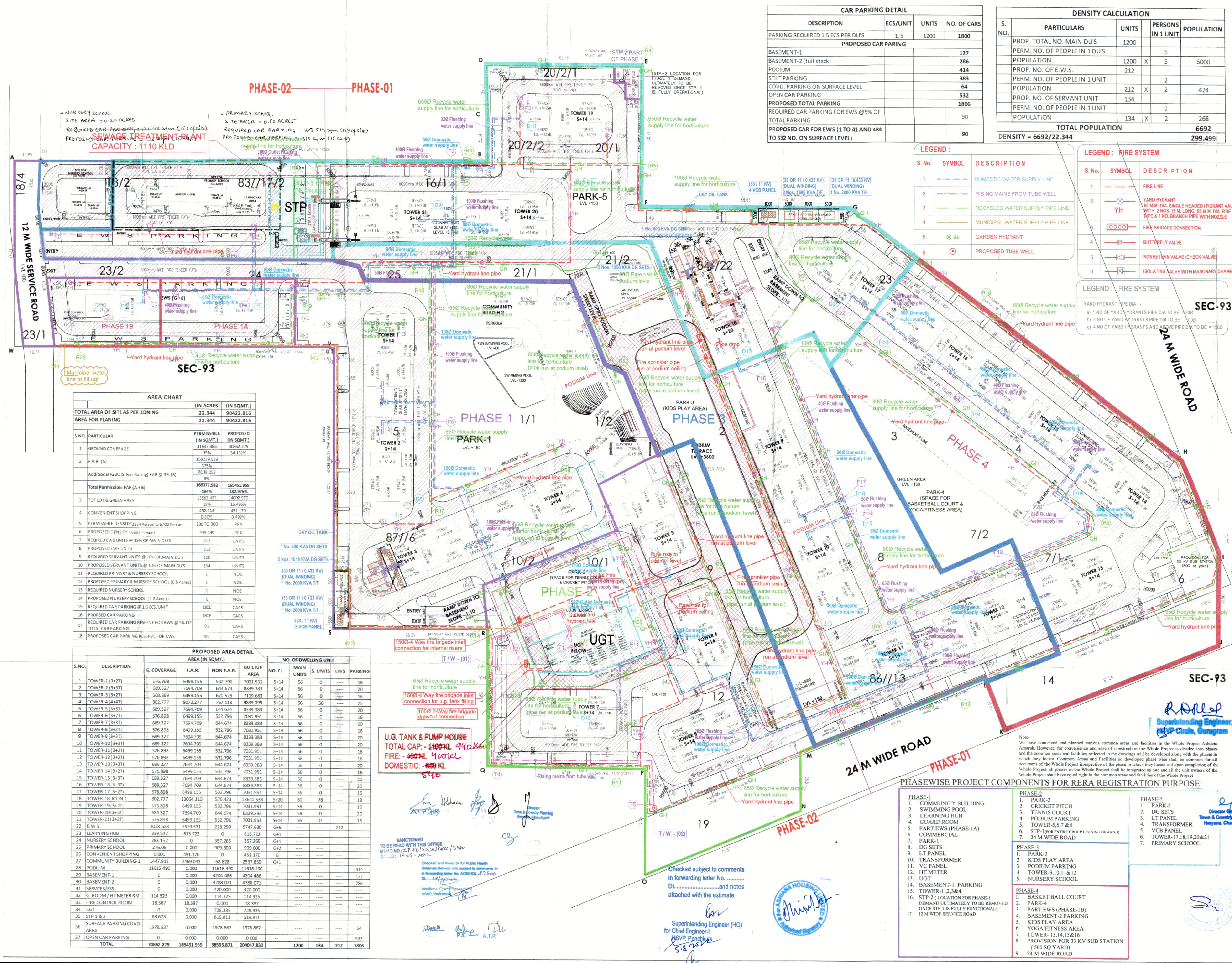


w/ (500m + 100m) + 100m High



| CAR PARKING DETAIL                                                 |          |       |             |
|--------------------------------------------------------------------|----------|-------|-------------|
| DESCRIPTION                                                        | ECS/UNIT | UNITS | NO. OF CARS |
| PARKING REQUIRED 1.5 ECS PER DU'S                                  | 1.5      | 1200  | 1800        |
| PROPOSED CAR PARKING                                               |          |       |             |
| BASEMENT-1                                                         |          |       | 127         |
| BASEMENT-2 (full stack)                                            |          |       | 286         |
| PODIUM                                                             |          |       | 414         |
| STILT PARKING                                                      |          |       | 383         |
| COVD. PARKING ON SURFACE LEVEL                                     |          |       | 64          |
| OPEN CAR PARKING                                                   |          |       | 532         |
| PROPOSED TOTAL PARKING                                             |          |       | 1806        |
| REQUIRED CAR PARKING FOR EWS @5% OF TOTAL PARKING                  |          |       | 90          |
| PROPOSED CAR FOR EWS (1 TO 41 AND 484 TO 532 NO. ON SURFACE LEVEL) |          |       | 90          |

| DENSITY CALCULATION   |                               |          |                   |
|-----------------------|-------------------------------|----------|-------------------|
| S. NO.                | PARTICULARS                   | UNITS    | PERSONS IN 1 UNIT |
| 1.                    | PROP. TOTAL NO. MAIN DU'S     | 1200     |                   |
| 2.                    | PERM. NO. OF PEOPLE IN 1 DU'S |          | 5                 |
| 3.                    | POPULATION                    | 1200 X 5 | 6000              |
| 4.                    | PROP. NO. OF E.W.S.           | 212      |                   |
| 5.                    | PERM. NO. OF PEOPLE IN 1 UNIT |          | 2                 |
| 6.                    | POPULATION                    | 212 X 2  | 424               |
| 7.                    | PROP. NO. OF SERVANT UNIT     | 134      |                   |
| 8.                    | PERM. NO. OF PEOPLE IN 1 UNIT |          | 2                 |
| 9.                    | POPULATION                    | 134 X 2  | 268               |
| TOTAL POPULATION      |                               |          | 6692              |
| DENSITY = 6692/22.344 |                               |          | 299.499           |

| Phasing Calculations - |              |             |            |
|------------------------|--------------|-------------|------------|
| Area                   | No. of Tower | No. of DU's | Population |
| 1                      | 1            | 1           | 5          |
| 2                      | 1            | 1           | 5          |
| 3                      | 1            | 1           | 5          |
| 4                      | 1            | 1           | 5          |
| 5                      | 1            | 1           | 5          |
| 6                      | 1            | 1           | 5          |
| 7                      | 1            | 1           | 5          |
| 8                      | 1            | 1           | 5          |
| 9                      | 1            | 1           | 5          |
| 10                     | 1            | 1           | 5          |
| 11                     | 1            | 1           | 5          |
| 12                     | 1            | 1           | 5          |
| 13                     | 1            | 1           | 5          |
| 14                     | 1            | 1           | 5          |
| 15                     | 1            | 1           | 5          |
| 16                     | 1            | 1           | 5          |
| 17                     | 1            | 1           | 5          |
| 18                     | 1            | 1           | 5          |
| 19                     | 1            | 1           | 5          |
| 20                     | 1            | 1           | 5          |
| 21                     | 1            | 1           | 5          |
| 22                     | 1            | 1           | 5          |
| 23                     | 1            | 1           | 5          |
| 24                     | 1            | 1           | 5          |
| 25                     | 1            | 1           | 5          |
| 26                     | 1            | 1           | 5          |
| 27                     | 1            | 1           | 5          |
| 28                     | 1            | 1           | 5          |
| 29                     | 1            | 1           | 5          |
| 30                     | 1            | 1           | 5          |
| 31                     | 1            | 1           | 5          |
| 32                     | 1            | 1           | 5          |
| 33                     | 1            | 1           | 5          |
| 34                     | 1            | 1           | 5          |
| 35                     | 1            | 1           | 5          |
| 36                     | 1            | 1           | 5          |
| 37                     | 1            | 1           | 5          |
| 38                     | 1            | 1           | 5          |
| 39                     | 1            | 1           | 5          |
| 40                     | 1            | 1           | 5          |
| 41                     | 1            | 1           | 5          |
| 42                     | 1            | 1           | 5          |
| 43                     | 1            | 1           | 5          |
| 44                     | 1            | 1           | 5          |
| 45                     | 1            | 1           | 5          |
| 46                     | 1            | 1           | 5          |
| 47                     | 1            | 1           | 5          |
| 48                     | 1            | 1           | 5          |
| 49                     | 1            | 1           | 5          |
| 50                     | 1            | 1           | 5          |
| 51                     | 1            | 1           | 5          |
| 52                     | 1            | 1           | 5          |
| 53                     | 1            | 1           | 5          |
| 54                     | 1            | 1           | 5          |
| 55                     | 1            | 1           | 5          |
| 56                     | 1            | 1           | 5          |
| 57                     | 1            | 1           | 5          |
| 58                     | 1            | 1           | 5          |
| 59                     | 1            | 1           | 5          |
| 60                     | 1            | 1           | 5          |
| 61                     | 1            | 1           | 5          |
| 62                     | 1            | 1           | 5          |
| 63                     | 1            | 1           | 5          |
| 64                     | 1            | 1           | 5          |
| 65                     | 1            | 1           | 5          |
| 66                     | 1            | 1           | 5          |
| 67                     | 1            | 1           | 5          |
| 68                     | 1            | 1           | 5          |
| 69                     | 1            | 1           | 5          |
| 70                     | 1            | 1           | 5          |
| 71                     | 1            | 1           | 5          |
| 72                     | 1            | 1           | 5          |
| 73                     | 1            | 1           | 5          |
| 74                     | 1            | 1           | 5          |
| 75                     | 1            | 1           | 5          |
| 76                     | 1            | 1           | 5          |
| 77                     | 1            | 1           | 5          |
| 78                     | 1            | 1           | 5          |
| 79                     | 1            | 1           | 5          |
| 80                     | 1            | 1           | 5          |
| 81                     | 1            | 1           | 5          |
| 82                     | 1            | 1           | 5          |
| 83                     | 1            | 1           | 5          |
| 84                     | 1            | 1           | 5          |
| 85                     | 1            | 1           | 5          |
| 86                     | 1            | 1           | 5          |
| 87                     | 1            | 1           | 5          |
| 88                     | 1            | 1           | 5          |
| 89                     | 1            | 1           | 5          |
| 90                     | 1            | 1           | 5          |
| 91                     | 1            | 1           | 5          |
| 92                     | 1            | 1           | 5          |
| 93                     | 1            | 1           | 5          |
| 94                     | 1            | 1           | 5          |
| 95                     | 1            | 1           | 5          |
| 96                     | 1            | 1           | 5          |
| 97                     | 1            | 1           | 5          |
| 98                     | 1            | 1           | 5          |
| 99                     | 1            | 1           | 5          |
| 100                    | 1            | 1           | 5          |

| Legend: FIRE SYSTEM |        |                                  |  |
|---------------------|--------|----------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                      |  |
| 1.                  | ---    | DOMESTIC WATER SUPPLY LINE       |  |
| 2.                  | ---    | RISE MAINS FROM TUBE WELL        |  |
| 3.                  | ---    | RECYCLED WATER SUPPLY PIPE LINE  |  |
| 4.                  | ---    | MUNICIPAL WATER SUPPLY PIPE LINE |  |
| 5.                  | ---    | GARDEN HYDRANT                   |  |
| 6.                  | ---    | PROPOSED TUBE WELL               |  |

| Legend: FIRE SYSTEM |        |                                                                                                                             |  |
|---------------------|--------|-----------------------------------------------------------------------------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                                                                                                 |  |
| 1.                  | ---    | FIRE LINE                                                                                                                   |  |
| 2.                  | ---    | YARD HYDRANT                                                                                                                |  |
| 3.                  | ---    | 63 M.M. DIA. SINGLE HEADED HYDRANT VALVE WITH 2 NOS. 15 M. LONG 63 M.M. DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE |  |
| 4.                  | ---    | FIRE BRIGADE CONNECTION                                                                                                     |  |
| 5.                  | ---    | BUTTERFLY VALVE                                                                                                             |  |
| 6.                  | ---    | NON-RETURN VALVE (CHECK VALVE)                                                                                              |  |
| 7.                  | ---    | ISOLATING VALVE WITH MASONRY CHAMBER                                                                                        |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

| Legend: FIRE SYSTEM |        |                                                        |  |
|---------------------|--------|--------------------------------------------------------|--|
| S. No.              | SYMBOL | DESCRIPTION                                            |  |
| 1.                  | ---    | YARD HYDRANT PIPE DIA.                                 |  |
| 2.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 800           |  |
| 3.                  | ---    | 1 NO. OF YARD HYDRANT'S PIPE DIA TO BE = 1000          |  |
| 4.                  | ---    | 4 NO. OF YARD HYDRANTS AND ABOVE PIPE DIA TO BE = 1500 |  |

SEWAGE TREATMENT PLANT CAPACITY : 1110 KLD

| AREA CHART                       |            |            |  |
|----------------------------------|------------|------------|--|
|                                  | (IN ACRES) | (IN SQMT.) |  |
| TOTAL AREA OF SITE AS PER ZONING | 22.344     | 90422.816  |  |
| AREA FOR PLANNING                | 22.344     | 90422.816  |  |

| S. NO. | PARTICULAR                                                     | PERMISSIBLE (IN SQMT.) | PROPOSED (IN SQMT.) |  |
|--------|----------------------------------------------------------------|------------------------|---------------------|--|
| 1.     | GROUND COVERAGE                                                | 158239.329             | 34131%              |  |
| 2.     | F.A.R. (A)                                                     | 175%                   | 8138.053            |  |
| 3.     | Additional IGBC (Silver Rating) FAR @ 9% (B)                   | 166377.882             | 165481.959          |  |
| 4.     | TOT. LOT & GREEN AREA                                          | 13563.422              | 14002.970           |  |
| 5.     | PERMISSIBLE DENSITY (2234 Person to 6703 Person)               | 452.114                | 451.170             |  |
| 6.     | PROPOSED DENSITY (6801 Person)                                 | 0.000%                 | 0.000%              |  |
| 7.     | REQUIRED EWS UNITS @ 15% OF MAIN DU'S                          | 212                    | UNITS               |  |
| 8.     | PROPOSED EWS UNITS                                             | 212                    | UNITS               |  |
| 9.     | REQUIRED SERVANT UNITS @ 10% OF MAIN DU'S                      | 120                    | UNITS               |  |
| 10.    | PROPOSED SERVANT UNITS @ 10% OF MAIN DU'S                      | 120                    | UNITS               |  |
| 11.    | REQUIRED PRIMARY & NURSERY SCHOOL                              | 1                      | NOS.                |  |
| 12.    | PROPOSED PRIMARY & NURSERY SCHOOL (0.5 Acres)                  | 1                      | NOS.                |  |
| 13.    | REQUIRED NURSERY SCHOOL                                        | 1                      | NOS.                |  |
| 14.    | PROPOSED NURSERY SCHOOL (0.2 Acre)                             | 1                      | NOS.                |  |
| 15.    | REQUIRED CAR PARKING @ 1.5 ECS/UNIT                            | 1800                   | CARS                |  |
| 16.    | PROPOSED CAR PARKING                                           | 1806                   | CARS                |  |
| 17.    | REQUIRED CAR PARKING RESERVE FOR EWS @ 5% OF TOTAL CAR PARKING | 91                     | CARS                |  |
| 18.    | PROPOSED CAR PARKING RESERVE FOR EWS                           | 91                     | CARS                |  |

| PROPOSED AREA DETAIL |                            |                 |                      |
|----------------------|----------------------------|-----------------|----------------------|
| S. NO.               | DESCRIPTION                | AREA (IN SQMT.) | NO. OF DWELLING UNIT |
| 1.                   | TOWER-1 (3+2T)             | 576.808         | 6489.155             |
| 2.                   | TOWER-2 (3+3T)             | 689.327         | 7694.709             |
| 3.                   | TOWER-3 (3+2T)             | 608.889         | 6489.155             |
| 4.                   | TOWER-4 (4+4T)             | 802.777         | 9072.277             |
| 5.                   | TOWER-5 (3+2T)             | 689.327         | 7694.709             |
| 6.                   | TOWER-6 (3+2T)             | 576.808         | 6489.155             |
| 7.                   | TOWER-7 (3+3T)             | 689.327         | 7694.709             |
| 8.                   | TOWER-8 (3+2T)             | 576.808         | 6489.155             |
| 9.                   | TOWER-9 (3+3T)             | 689.327         | 7694.709             |
| 10.                  | TOWER-10 (3+3T)            | 689.327         | 7694.709             |
| 11.                  | TOWER-11 (3+2T)            | 576.808         | 6489.155             |
| 12.                  | TOWER-12 (3+2T)            | 576.808         | 6489.155             |
| 13.                  | TOWER-13 (3+3T)            | 689.327         | 7694.709             |
| 14.                  | TOWER-14 (3+2T)            | 576.808         | 6489.155             |
| 15.                  | TOWER-15 (3+3T)            | 689.327         | 7694.709             |
| 16.                  | TOWER-16 (3+3T)            | 689.327         | 7694.709             |
| 17.                  | TOWER-17 (3+2T)            | 576.808         | 6489.155             |
| 18.                  | TOWER-18 (3+2T)            | 576.808         | 6489.155             |
| 19.                  | TOWER-19 (3+3T)            | 689.327         | 7694.709             |
| 20.                  | TOWER-20 (3+3T)            | 689.327         | 7694.709             |
| 21.                  | TOWER-21 (3+2T)            | 576.808         | 6489.155             |
| 22.                  | E.W.S.                     | 1028.628        | 5519.331             |
| 23.                  | LEARNING HUB               | 339.542         | 613.722              |
| 24.                  | NURSERY SCHOOL             | 283.152         | 0                    |
| 25.                  | PRIMARY SCHOOL             | 276.06          | 0                    |
| 26.                  | CONVENIENT SHOPPING        | 0.000           | 451.170              |
| 27.                  | COMMUNITY SHOPPING-1       | 1447.911        | 2469.031             |
| 28.                  | PODIUM                     | 11616.490       | 0.000                |
| 29.                  | BASEMENT-1                 | 0.000           | 4204.486             |
| 30.                  | BASEMENT-2                 | 0.000           | 4788.071             |
| 31.                  | SERVICE/ST55               | 0.000           | 420.000              |
| 32.                  | G. ROOM / HT METER RM      | 114.325         | 0.000                |
| 33.                  | FIRE CONTROL ROOM          | 18.387          | 0.000                |
| 34.                  | UGT                        | 0.000           | 728.335              |
| 35.                  | STP 1 & 2                  | 88.675          | 0.000                |
| 36.                  | SURFACE PARKING COVD. AREA | 1978.637        | 0.000                |
| 37.                  | OPEN CAR PARKING           | 0.000           | 0.000                |
| TOTAL                |                            | 30862.275       | 165451.959           |

U.G. TANK & PUMP HOUSE TOTAL CAP. : 1100 KL 940 KL FIRE : 400 KL 400 KL DOMESTIC : 400 KL 540 KL

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO. ZP-16/350/2010/2012/10/40 DATED : 19-05-2012

Checked subject to comments in forwarding letter No. Dt. .... and notes attached with the estimate

Superintending Engineer (HQ) for Chief Engineer-I HSPV, Pondicherry

Proposed Building Plans of Group Housing Colony measuring 22.344 Acres (License No. 41 of 2010 Dated 07.06.2010) in sector-93, Gurugram being developed by Ashiana Housing Ltd. comprising of total of Five (5) phases

Only For Service Plan Estimate

Executive Engineer HSPV, Division No. 3, Gurugram

ARCHITECT'S SEAL & SIGNATURE

OWNER/ALTH. SIGN.

Scale: 1 : 750

Drawing Title: FIRE FIGHTING AND WATER SUPPLY PLAN

A.A. / ES. - 04