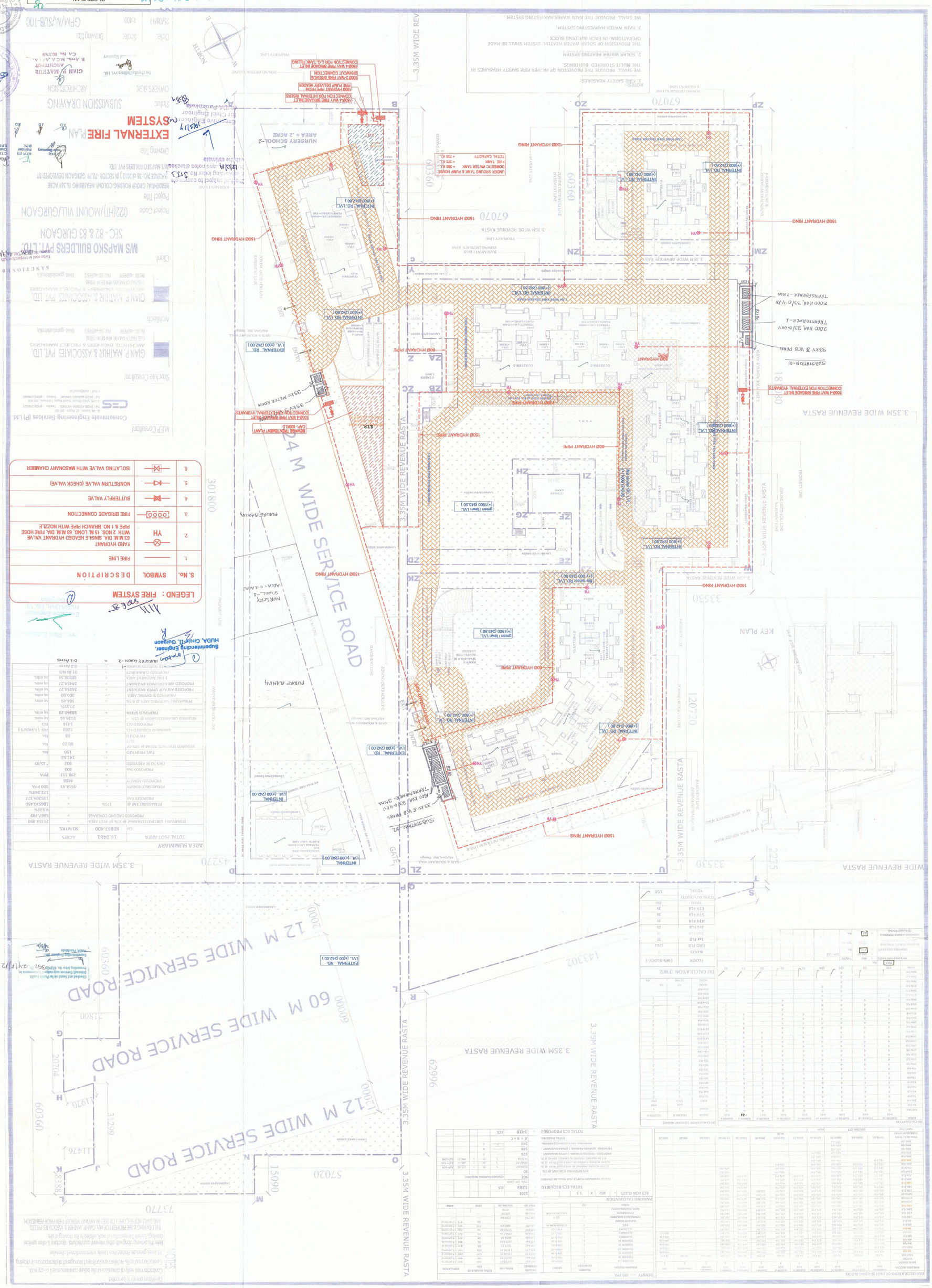
EXTERNAL FIRE SYSTEM
M/S MAPSKO BUILDERS PVT. LTD.
SEC - 82 & 83 GURGAON
GIAN P. MATHUR & ASSOCIATES PVT. LTD.
Consummate Engineering Services (P) Ltd.
LEGEND : FIRE SYSTEM
S. No. | SYMBOL | DESCRIPTION
1. FIRE LINE
2. YH YARD HYDRANT 63 M.M DIA. SINGLE headed HYDRANT VALVE WITH 2 NOS. 15 M. LONG, 63 M.M. DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE
3. FIRE BRIGADE CONNECTION
4. BUTTERFLY VALVE
5. NONRETURN VALVE (CHECK VALVE)
6. ISOLATING VALVE WITH MASONARY CHAMBER
AREA SUMMARY
TOTAL PLOT AREA 15,0481 ACRES
PREMISSIBLE GROUND COVERAGE @ 35% OF PLOT AREA = 21314.090
PROPOSED GROUND COVERAGE = 5687.799
PREMISSIBLE FAR @ 1.25 = 106570.450
PROPOSED FAR = 105289.377
PREMISSIBLE DENSITY 172 PPA
PROPOSED DENSITY 426
PREMISSIBLE DENSITY 451.43 300 PPA
PROPOSED DU 802
DU TO BE PROVIDED 802
PROPOSED DUS 802
EWS TO BE PROVIDED 150
EWS PROPOSED 14.53
REQUIRED SERVANTS ROOM @ 10% OF DUS 80.20
PROPOSED 28
ECS (LSKVUS) 1203
PROPOSED ECS 1416
MINIMUM REQUIRED ECS 1203
REQUIRED OPEN GREEN 9134.61
PROPOSED GREEN 18560.20
PROPOSED SUPPORTING AREA 30,159
PREMISSIBLE SUPPORTING AREA @ 0.5% 304.09
PROPOSED AREA OF UPPER BASEMENT 2445427
PROPOSED AREA OF LOWER BASEMENT 2445427
TOTAL BASEMENT AREA 4890854
PROPOSED CHARGEABLE 01 IN NO.
PROPOSED SCHOOL 0.2 Acres
NURSERY SCHOOL-2 = 0.2 Acres
Superintending Engineer, HUDA, Circle-II, Gurgaon
Executive Engineer HUDA Panchkula
Chief Town Planner Haryana, Chandigarh
Director General Town & Country Planning, Haryana, Chandigarh
For Mapsko Builders Pvt. Ltd.
Authorised Signatory
01 SITE PLAN
24 M WIDE SERVICE ROAD
3.35M WIDE REVENUE RASTA
60 M WIDE SERVICE ROAD
12 M WIDE SERVICE ROAD
150ØM HYDRANT RING
80Ø HYDRANT PIPE
100Ø HYDRANT PIPE
150Ø HYDRANT RING
UNDER GROUND TANK & PUMP HOUSE
DOMESTIC WATER TANK = 380 KL
FIRE TANK = 375 KL
TOTAL CAPACITY = 755 KL
SEWAGE TREATMENT PLANT CAPACITY 60KLD
100Ø4 WAY FIRE BRIGADE INLET CONNECTION FOR EXTERNAL HYDRANTS
33KV METER ROOM
33 KV SUBSTATION-01
33 KV VCB PANEL
2000 KVA, 33/0.4KV TRANSFORMER-1
2000 KVA, 33/0.4KV TRANSFORMER-2
EXTERNAL RD. L.V. (±00 (242.00)
INTERNAL RD. L.V. (+800 (242.80)
INTERNAL RD. L.V. (+900 (242.90)
INTERNAL RD. L.V. (+1500 (243.50)
Green / lawn L.V. (+1500 (243.50)
NURSERY SCHOOL-2 AREA = .2 ACRE
NURSERY SCHOOL-1 AREA = 0.2 ACRE
FUTURE PARKING
ENTRY
EXIT
GATE
BASEMENT LINE
ZONING SETBACK LINE
PROPERTY LINE
NORTH
KEY PLAN
3.35M WIDE REVENUE RASTA
DU CALCULATION (EWS)
DU CALCULATION (SERVANT ROOM)
PARKING CALCULATION
ECS FOR FLATS 802 X 1.5 = 1203
TOTAL ECS REQUIRED 1203 ECS
TOTAL ECS PROPOSED 1416 ECS
FAR CALCULATIONS OF EACH BUILDING BLOCKS
DENSITY ---- 302 PPA