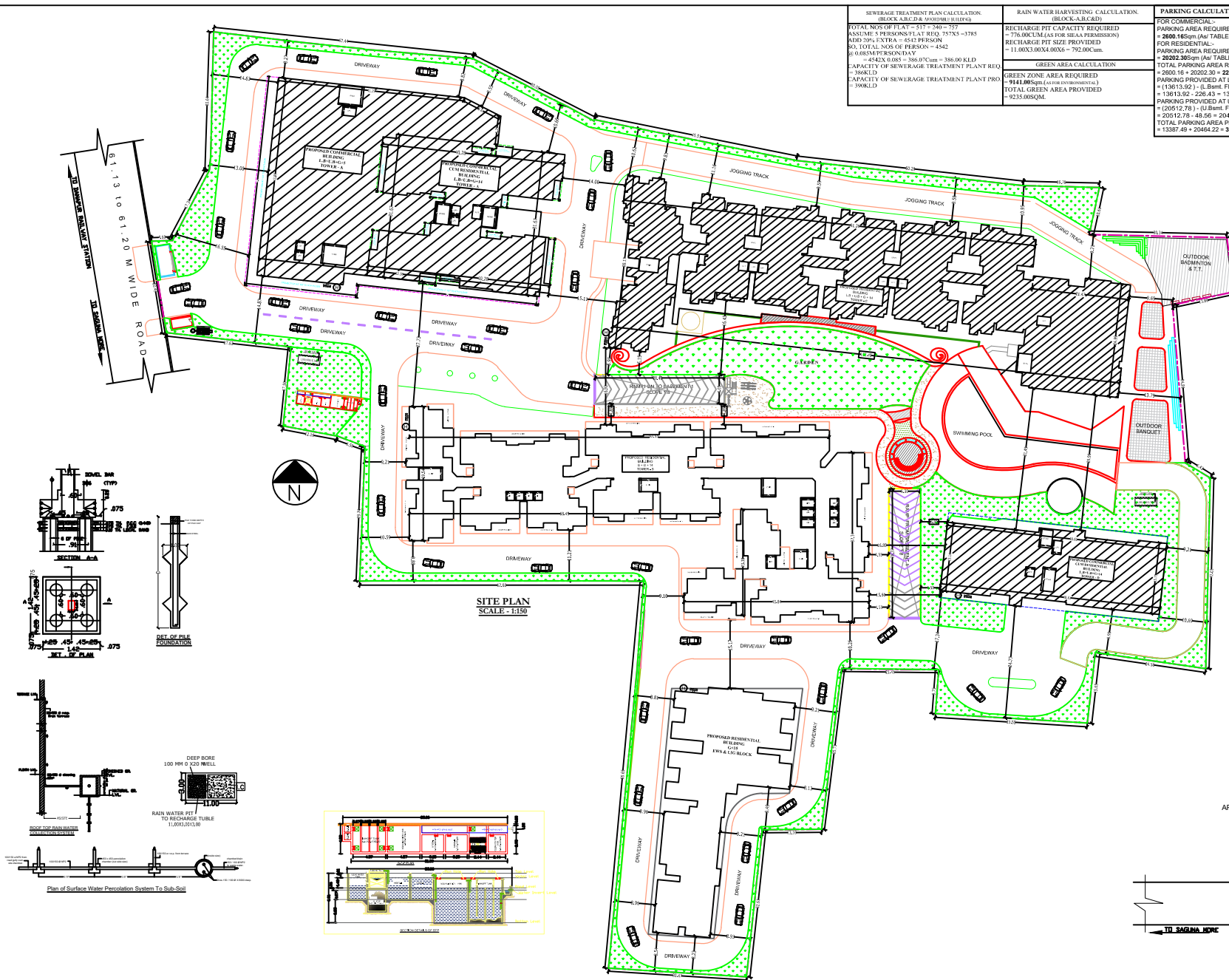




SEWERAGE TREATMENT PLAN CALCULATION (BLOCK A, B, C, D)		RAIN WATER HARVESTING CALCULATION (BLOCK A, B, C, D)		PARKING CALCULATION (TOWER A, B, C, D)		TOWER - C RESIDENTIAL AREA		AREA CALCULATION (BLOCK A, B, C, D)	
TOTAL NOS OF FLAT = 517		RECHARGE PIT CAPACITY REQUIRED = 776.00 CUM (AS PER SIAA PERMISSION)		FOR COMMERCIAL: PARKING AREA REQUIRED @ 35% = 7423.03 SQM		GR. FLR BU AREA = 2332.03 SQM		TOTAL PLOT AREA ASSESSD = 23867.79 SQM	
ASSUME 5 PERSONS/FLAT REQ. 757X5 = 3785		RECHARGE PIT SIZE PROVIDED = 776.00 CUM (AS PER SIAA PERMISSION)		FOR RESIDENTIAL: PARKING AREA REQUIRED @ 25% = 8080.18 SQM		1ST FLR BU AREA = 1729.31 SQM		TOTAL PLOT AREA AS POSSESSION = 23867.79 SQM	
KIDZ ZONE EXTRA = 450 PERSON		TOTAL PARKING AREA REQUIRED = 11,003.00 X 0.0026 = 792.00 CUM		TOTAL PARKING AREA PROVIDED = 11,003.00 X 0.0026 = 792.00 CUM		2ND FLR BU AREA = 2262.96 SQM		BASEMENT FLOOR AREA = 228.43 SQM	
CAPACITY OF SEWERAGE TREATMENT PLANT REQ. = 386.00 KLD		GREEN AREA CALCULATION		TOTAL GREEN AREA PROVIDED = 923.00 SQM		3RD FLR BU AREA = 2309.22 SQM		BASEMENT FLOOR AREA = 228.43 SQM	
CAPACITY OF SEWERAGE TREATMENT PLANT PRO. = 386.00 KLD		TOTAL GREEN AREA PROVIDED = 923.00 SQM		TOTAL GREEN AREA PROVIDED = 923.00 SQM		4TH FLR BU AREA = 1949.54 SQM		TOWER - A COMMERCIAL AREA	
						GR. FLR BU AREA = 2097.66 SQM		1ST FLR BU AREA = 2106.88 SQM	
						2ND FLR BU AREA = 2106.88 SQM		2ND FLR BU AREA = 2106.88 SQM	
						3RD FLR BU AREA = 2106.88 SQM		3RD FLR BU AREA = 2106.88 SQM	
						4TH FLR BU AREA = 2106.88 SQM		4TH FLR BU AREA = 2106.88 SQM	
						5TH FLR BU AREA = 2106.88 SQM		5TH FLR BU AREA = 2106.88 SQM	
						6TH FLR BU AREA = 2106.88 SQM		6TH FLR BU AREA = 2106.88 SQM	
						7TH FLR BU AREA = 2106.88 SQM		7TH FLR BU AREA = 2106.88 SQM	
						8TH FLR BU AREA = 2106.88 SQM		8TH FLR BU AREA = 2106.88 SQM	
						9TH FLR BU AREA = 2106.88 SQM		9TH FLR BU AREA = 2106.88 SQM	
						10TH FLR BU AREA = 2106.88 SQM		10TH FLR BU AREA = 2106.88 SQM	
						11TH FLR BU AREA = 2106.88 SQM		11TH FLR BU AREA = 2106.88 SQM	
						12TH FLR BU AREA = 2106.88 SQM		12TH FLR BU AREA = 2106.88 SQM	
						13TH FLR BU AREA = 2106.88 SQM		13TH FLR BU AREA = 2106.88 SQM	
						14TH FLR BU AREA = 2106.88 SQM		14TH FLR BU AREA = 2106.88 SQM	
						15TH FLR BU AREA = 2106.88 SQM		15TH FLR BU AREA = 2106.88 SQM	
						TOTAL AREA = 30776.81 SQM		TOTAL AREA = 30776.81 SQM	

TOWER - A RESIDENTIAL AREA		TOWER - B RESIDENTIAL AREA	
GR. FLR BU AREA = 2332.03 SQM		GR. FLR BU AREA = 1808.55 SQM	
1ST FLR BU AREA = 1729.31 SQM		1ST FLR BU AREA = 2274.60 SQM	
2ND FLR BU AREA = 2262.96 SQM		2ND FLR BU AREA = 2150.93 SQM	
3RD FLR BU AREA = 2309.22 SQM		3RD FLR BU AREA = 2150.93 SQM	
4TH FLR BU AREA = 1949.54 SQM		4TH FLR BU AREA = 2167.10 SQM	
5TH FLR BU AREA = 2106.88 SQM		5TH FLR BU AREA = 2171.23 SQM	
6TH FLR BU AREA = 2106.88 SQM		6TH FLR BU AREA = 2181.65 SQM	
7TH FLR BU AREA = 2106.88 SQM		7TH FLR BU AREA = 2188.42 SQM	
8TH FLR BU AREA = 2106.88 SQM		8TH FLR BU AREA = 2203.26 SQM	
9TH FLR BU AREA = 2106.88 SQM		9TH FLR BU AREA = 2181.29 SQM	
10TH FLR BU AREA = 2106.88 SQM		10TH FLR BU AREA = 2178.28 SQM	
11TH FLR BU AREA = 2106.88 SQM		11TH FLR BU AREA = 2170.00 SQM	
12TH FLR BU AREA = 2106.88 SQM		12TH FLR BU AREA = 2159.93 SQM	
13TH FLR BU AREA = 2106.88 SQM		13TH FLR BU AREA = 2159.93 SQM	
14TH FLR BU AREA = 2106.88 SQM		14TH FLR BU AREA = 2159.93 SQM	
15TH FLR BU AREA = 2106.88 SQM		15TH FLR BU AREA = 2159.93 SQM	
TOTAL AREA = 30776.81 SQM		TOTAL AREA = 30776.81 SQM	

FOR COMMERCIAL: TOTAL BUILT UP AREA = 7621.03 SQM
TOTAL CARPET AREA = 7621.03 SQM
ASSUME 10 SQM CARPET AREA = 1 PERSON
HENCE 361.06 SQM CARPET AREA = 36 PERSONS
ASSUME 50 LTR WATER CONSUMPTION/PERSON/DAY
TOTAL WATER REQUIRED = 50 X 361 = 18050 LITRE
TOTAL WATER REQUIRED = 22.86 CUM
FOR RESIDENTIAL: TOTAL NOS OF FLAT = 517
ASSUME 5 PERSONS/FLAT REQ. 517X5 = 2585
TOTAL NOS OF PERSON = 2585
ADD 10% EXTRA = 100 PERSONS
ASSUME 135 LTR WATER CONSUMPTION/PERSON/DAY
TOTAL WATER REQUIRED = 135 X 2585 = 348975 LITRE
TOTAL WATER REQUIRED = 34.89 CUM
TOTAL WATER TANK SIZE REQUIRED = 44.75 CUM
TOTAL WATER TANK PROVIDED = 44.75 CUM
1) 13.51 X 4.84 X 1.20 = 81.07 CUM
2) 9.31 X 4.84 X 1.20 = 54.07 CUM
3) 5.81 X 2.84 X 1.20 = 19.80 CUM
4) 5.54 X 2.84 X 1.20 = 18.88 CUM
5) 6.99 X 2.53 X 1.20 = 20.31 CUM
6) 6.96 X 2.99 X 1.20 = 23.53 CUM
7) 6.96 X 2.99 X 1.20 = 20.41 CUM
8) 6.96 X 2.99 X 1.20 = 23.53 CUM
9) 6.97 X 2.70 X 1.20 = 20.96 CUM
10) 6.97 X 2.70 X 1.20 = 20.96 CUM
11) 6.57 X 2.70 X 1.20 = 21.28 CUM
12) 6.57 X 2.70 X 1.20 = 21.28 CUM
13) 5.15 X 7.56 X 1.20 = 46.72 CUM
14) 7.49 X 6.04 X 1.20 = 54.28 CUM
15) 6.97 X 2.70 X 1.20 = 21.28 CUM
16) 6.97 X 2.70 X 1.20 = 21.28 CUM
17) 6.97 X 2.70 X 1.20 = 21.28 CUM
18) 6.97 X 2.70 X 1.20 = 21.28 CUM
19) 6.97 X 2.70 X 1.20 = 21.28 CUM
20) 6.97 X 2.70 X 1.20 = 21.28 CUM
TOTAL WATER TANK SIZE PROVIDED = 44.75 CUM

PROJECT: PROPOSED RESIDENTIAL COMPLEX PROJECT FOR: **Surya Nestbit Limited**
PLOT NO. - 422, 430, 432, 435, 438, 439, 440, 441, 442, 443, 444, 445, 446, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 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1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 152