

PROPOSED CONSTRUCTION OF OFFICE USE COMMERCIAL BUILDING AT PLOT NO. 20, 21, 33, & 34, KAMALA NAGAR MAIN ROAD, SHOLINGANALLUR, CHENNAI 600119, IN OLD SURVEY NO 476/4 AND NEW SURVEY NO 476/4G1A2 OF SHOLINGANALLUR VILLAGE WITHIN GREATER CHENNAI CORPORATION. ZONE - 15 DIVISION - 197

SHEET NO : 01 / 04

SITE EXTENT	SQ.MT.
AS PER PATTI	804.00
AS PER DOCUMENT	804.24
FSI	1.89

AREA STATEMENT

SL.NO.	FLOOR	FSI AREA IN SQ.MT	USAGE
1.00	BASEMENT FLOOR	-	PARKING
2.00	STILT FLOOR	30.08	PARKING
3.00	FIRST FLOOR	495.58	OFFICE
4.00	SECOND FLOOR	495.58	OFFICE
5.00	THIRD FLOOR	495.58	OFFICE
TOTAL		1,516.82	

PARKING DETAILS PROVIDED

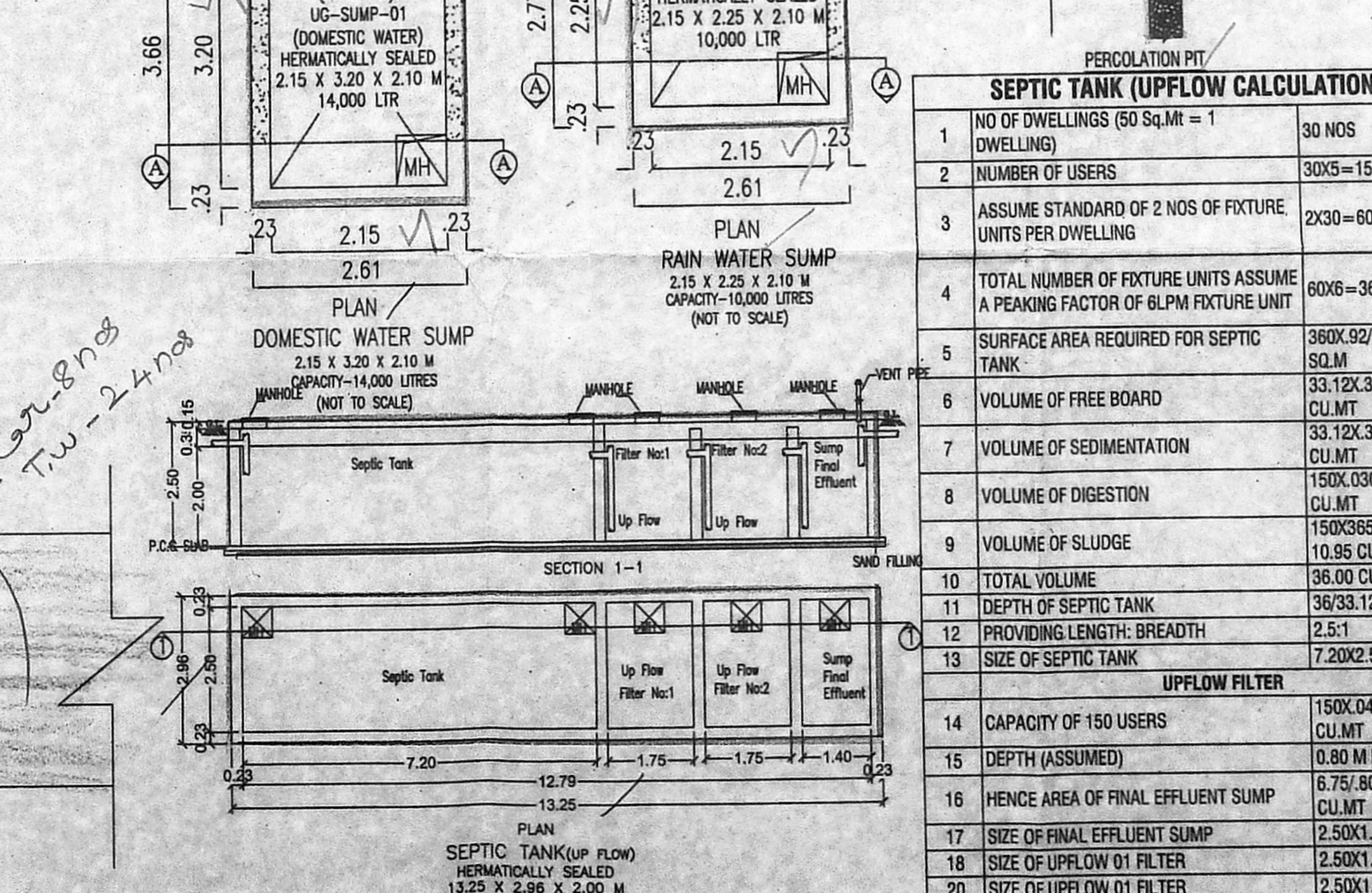
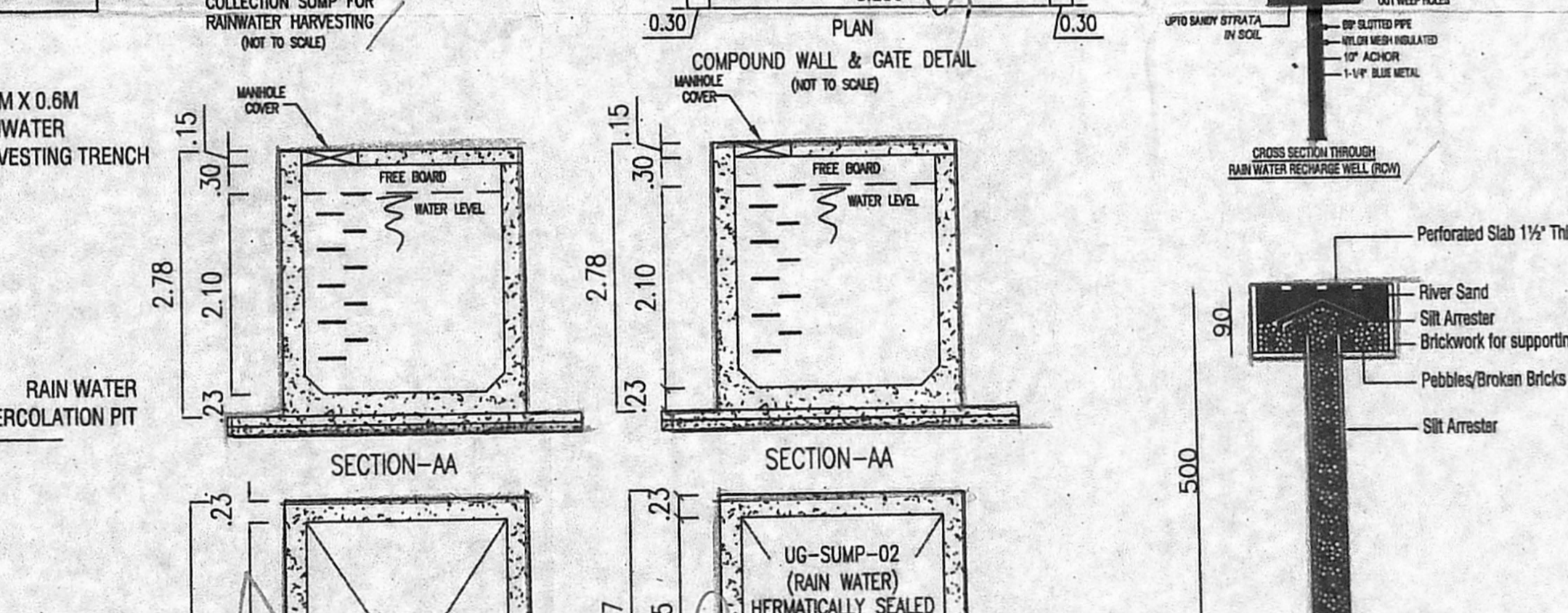
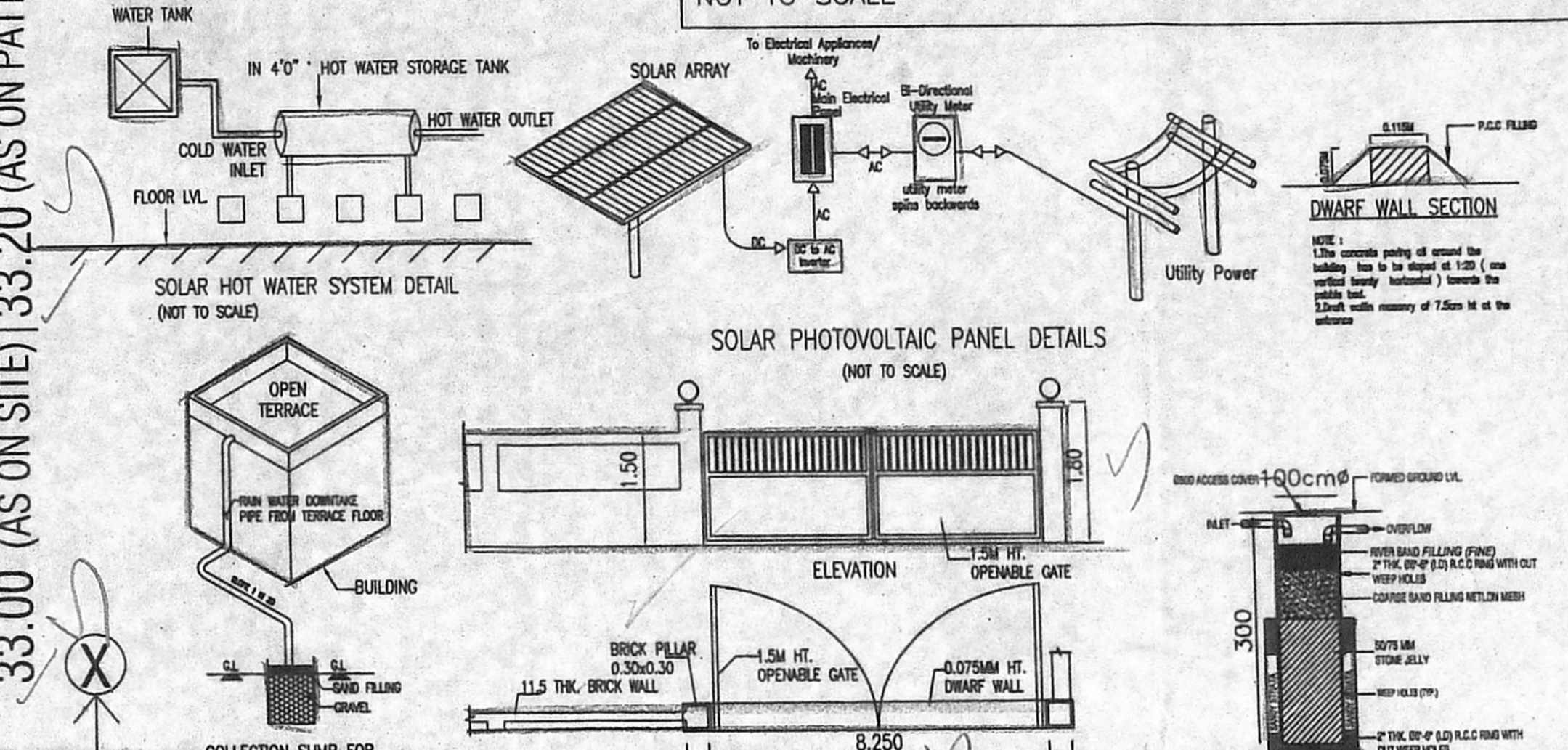
CAR PARKING	13.00
TWO WHEELER	52.00

COLOUR INDEX

PROPOSED ROAD BOUNDARY

ALL DIMENSIONS ARE IN METERS SCALE 1:100

ARCHITECT : **METAPHOR** Architects Private Limited
02/POB, 2nd Floor, Mogappair West, Chennai - 37.
MCOA Reg. No. CA/2003/32227
CMDA Reg. No. RA/GR/11/08/333
CORPORATION OF CHENNAI RA/10092019
DTCP Reg. No. RA/GR/1/005/2019



SEPTIC TANK (UPFLOW CALCULATION)

1	NO OF DWELLINGS (50 Sq.Mt = 1 DWELLING)	30 NOS
2	NUMBER OF USERS	30X5=150 NOS
3	ASSUME STANDARD OF 2 NOS OF FIXTURE UNITS PER DWELLING	2X30=60 NOS
4	TOTAL NUMBER OF FIXTURE UNITS ASSUME A PEAKING FACTOR OF 6LPM FIXTURE UNIT	60X6=360 NOS
5	SURFACE AREA REQUIRED FOR SEPTIC TANK	360X.92/10= 33.12 SQ.M
6	VOLUME OF FREE BOARD	33.12X.30 = 9.94 CU.MT
7	VOLUME OF SEDIMENTATION	33.12X.30 = 9.94 CU.MT
8	VOLUME OF DIGESTION	150X.030 = 4.5 CU.MT
9	VOLUME OF SLUDGE	150X365X.0002= 10.95 CU.MT
10	TOTAL VOLUME	36.00 CU.MT
11	DEPTH OF SEPTIC TANK	36/33.12=1.086 M
12	PROVIDING LENGTH: BREADTH	2.5:1
13	SIZE OF SEPTIC TANK	7.20X2.50X2.00 M
UPFLOW FILTER		
14	CAPACITY OF 150 USERS	150X.045=6.75 CU.MT
15	DEPTH (ASSUMED)	0.80 M MINIMUM
16	HENCE AREA OF FINAL EFFLUENT SUMP	6.75/.80 = 8.44 CU.MT
17	SIZE OF FINAL EFFLUENT SUMP	2.50X1.40X2.00
18	SIZE OF UPFLOW 01 FILTER	2.50X1.75X1.80
20	SIZE OF UPFLOW 01 FILTER	2.50X1.75X1.60

REGISTERED ARCHITECT

M. MANJU
BARCH, M.S. (CONSTRUCTION MANAGEMENT)
REGISTERED ARCHITECT - GRADE I
METAPHOR ARCHITECTS PRIVATE LIMITED
02/POB, 2nd Floor, Mogappair West, Chennai - 37.
MCOA Reg. No. CA/2003/32227
CMDA Reg. No. RA/GR/11/08/333
CORPORATION OF CHENNAI RA/10092019
DTCP Reg. No. RA/GR/1/005/2019

STRUCTURAL ENGINEER

P. CHANDRAN S.E. (STRUCTURAL ENGINEER)
REGISTERED ARCHITECT - GRADE I
13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 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

SITE CUM STILT FLOOR PLAN

திருத்திய வரைபடம்
 06/08/2020

செ.பெ.வ.கு.(பி)
 ந. எண். 2/1988/உ.க. 02/2019
 உதவியாளர்
 தி.உ. 13/2/2020
 உ.தி.அ. மு.தி.அ.

அலுவலகப் பிடி
 PROPOSED CONSTRUCTION OF OFFICE USE
 COMMERCIAL BUILDING AT PLOT NO. 20, 21, 33,
 & 34, KAMALA NAGAR MAIN ROAD,
 SHOLINGANALLUR, CHENNAI 600119, IN OLD
 SURVEY NO 476/4 AND NEW SURVEY NO
 476/4G1A2 OF SHOLINGANALLUR VILLAGE
 WITHIN GREATER CHENNAI CORPORATION.
 ZONE - 15 DIVISION - 197

SHEET NO : 04/04

SPECIFICATION

- BASEMENT P.C.C 1:4:8 OVER SAND FILLING FOR FOUNDATION
- FOUNDATION WITH RCC COLUMNS / BEAMS / SLAB
- ALL R.C.C WORKS IN 25 GRADE CONCRETE
- 9" BRICK WORK WALLS IN C.M. 1:5.
- 4.5" BRICK WORK WALLS IN C.M. 1:3
- CEILING PLASTERING IN CEMENT MORTAR 1:3
- INTERNAL PLASTERING 12 MM THK 1:4
- EXTERNAL PLASTERING 18 MM THK 1:4
- WEATHERING COURSE USING BRICK JELLY & LINE CONCRETE IN 1:3 RATIO
- VITRIFIED TILE FLOORING IN CM 1:4
- CLAY TILES IN TERRACE FLOOR USING CM 1:4
- WALLS & CEILING WITH CEMENT PAINT
- UPVC / ALUMINIUM GLAZED WINDOWS & DOORS

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE (METER)
MD	DOOR	1.50 x 2.10
D	DOOR	1.00 x 2.10
D1	DOOR	0.90 x 2.10
D2	DOOR	0.75 x 2.10
W1	WINDOW	1.80 x 1.20
W2	WINDOW	1.00 x 1.20
V1	VENTILATOR	1.20 x 0.90
V2	VENTILATOR	1.80 x 0.30
V3	VENTILATOR	0.75 x 0.90
RS	ROLLING SHUTTER	2.40 x 2.10
EF	EXHAUST FAN	3 Nos

COLOUR INDEX

PROPOSED	
ROAD	
BOUNDARY	

ALL DIMENSIONS ARE IN METERS SCALE 1:100

ARCHITECT :

METAPHOR
 Architects Private Limited
 02/PCB, 2nd Floor, Mogappair West, Chennai - 37
 Tel: +91 44 4355 1341 | info@metaphor@gmail.com

M. MANJU
 B.Arch, M.S. (CONSTRUCTION MANAGEMENT)
 REGISTERED ARCHITECT - GRADE I
METAPHOR ARCHITECTS PRIVATE LIMITED
 02/PCB, 2nd Floor, Mogappair West, Chennai - 37.
 MCOA Reg. No. CA/2003/32227
 CMDA Reg. No. RA/GR/119/08/333
 CORPORATION OF CHENNAI RA100902019
 REGISTERED ARCHITECT RA/GR/11005/2019

P.K. CHANDRAN, B.E., M.E. (Struct)
 STRUCTURAL ENGINEER
 SE/GR-11/19/04/092
 No. 15/7, MALLANNA STREET,
 ROYAPETTAH, CHENNAI-600 014.
 STRUCTURAL ENGINEER

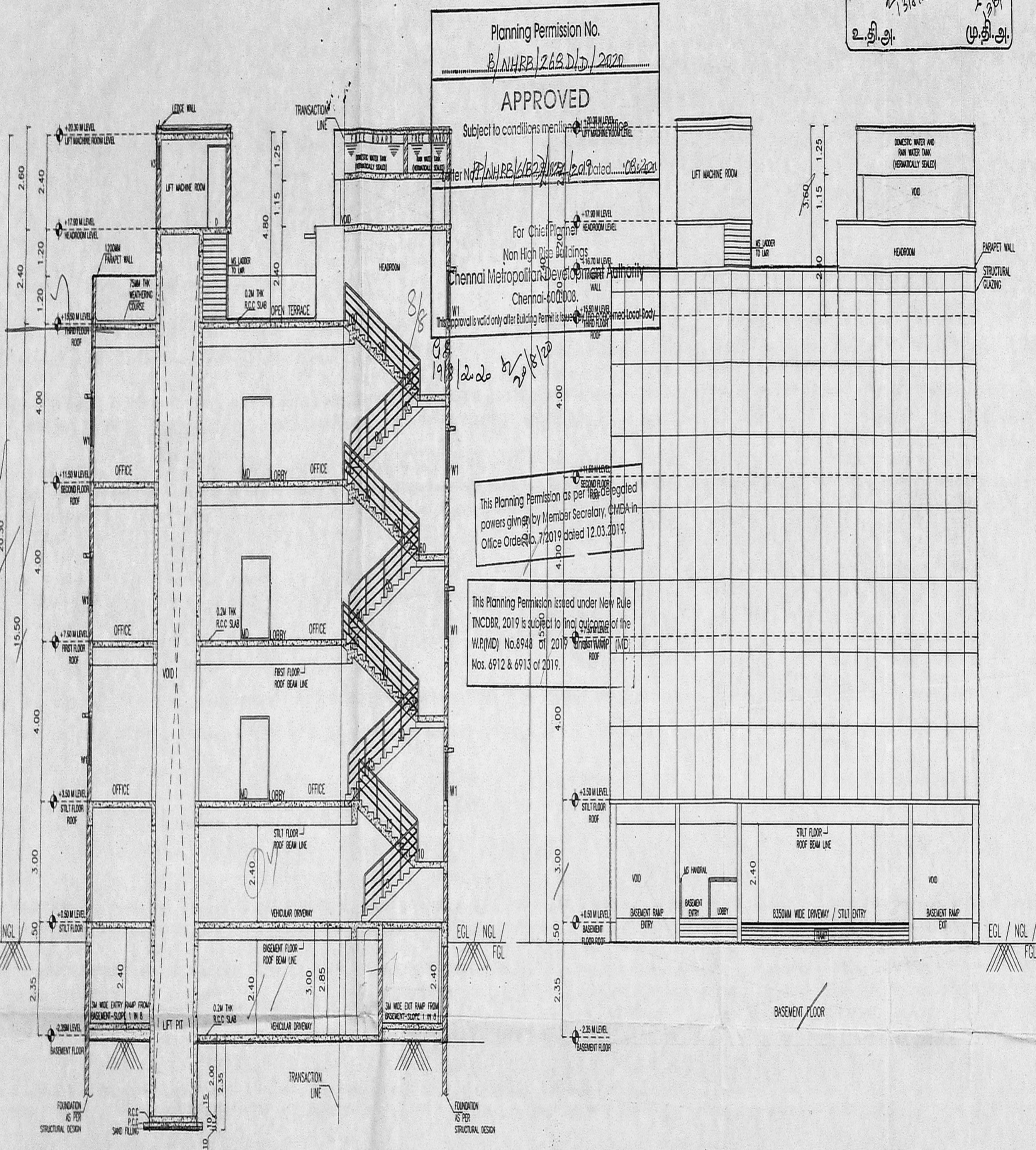
P. Manju
 APPLICANT / OWNER

அலுவலகப் பிடி

Planning Permission No.
 B/NHRB/263.D/1/2020
APPROVED
 Subject to conditions mentioned in the plan
 For Chief Planner
 Non High Rise Buildings
 Chennai Metropolitan Development Authority
 Chennai-600008.
 This approval is valid only after Building Permit is issued by the concerned Local Body.

This Planning Permission as per the delegated powers given by Member Secretary, CMDA in Office Order No. 7/2019 dated 12.03.2019.

This Planning Permission issued under New Rule TNCDPR, 2019 is subject to final outcome of the W.P.(MD) No.8948 of 2019 against WMP (MD) Nos. 6912 & 6913 of 2019.



SECTION - XX

FRONT ELEVATION