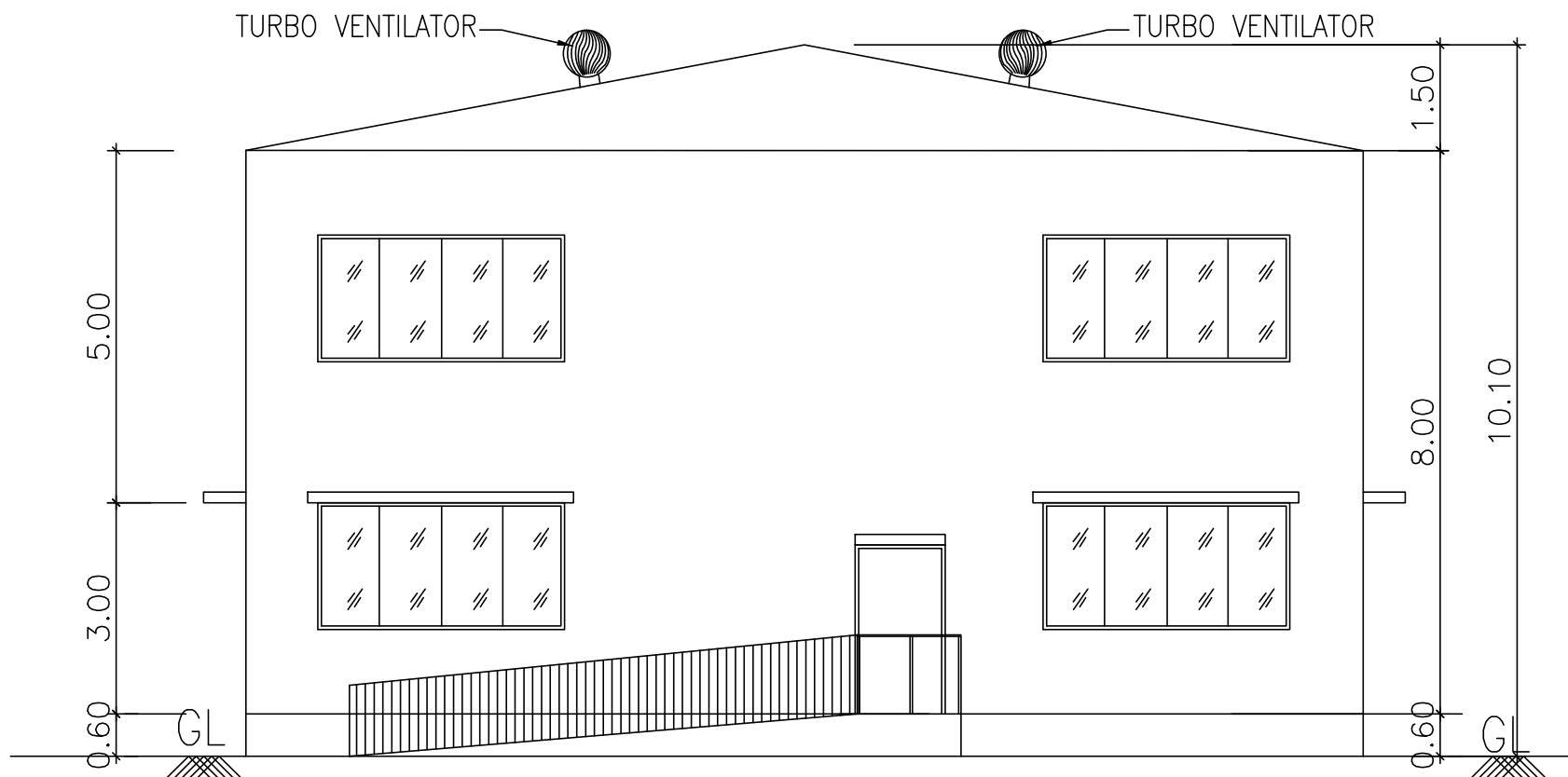
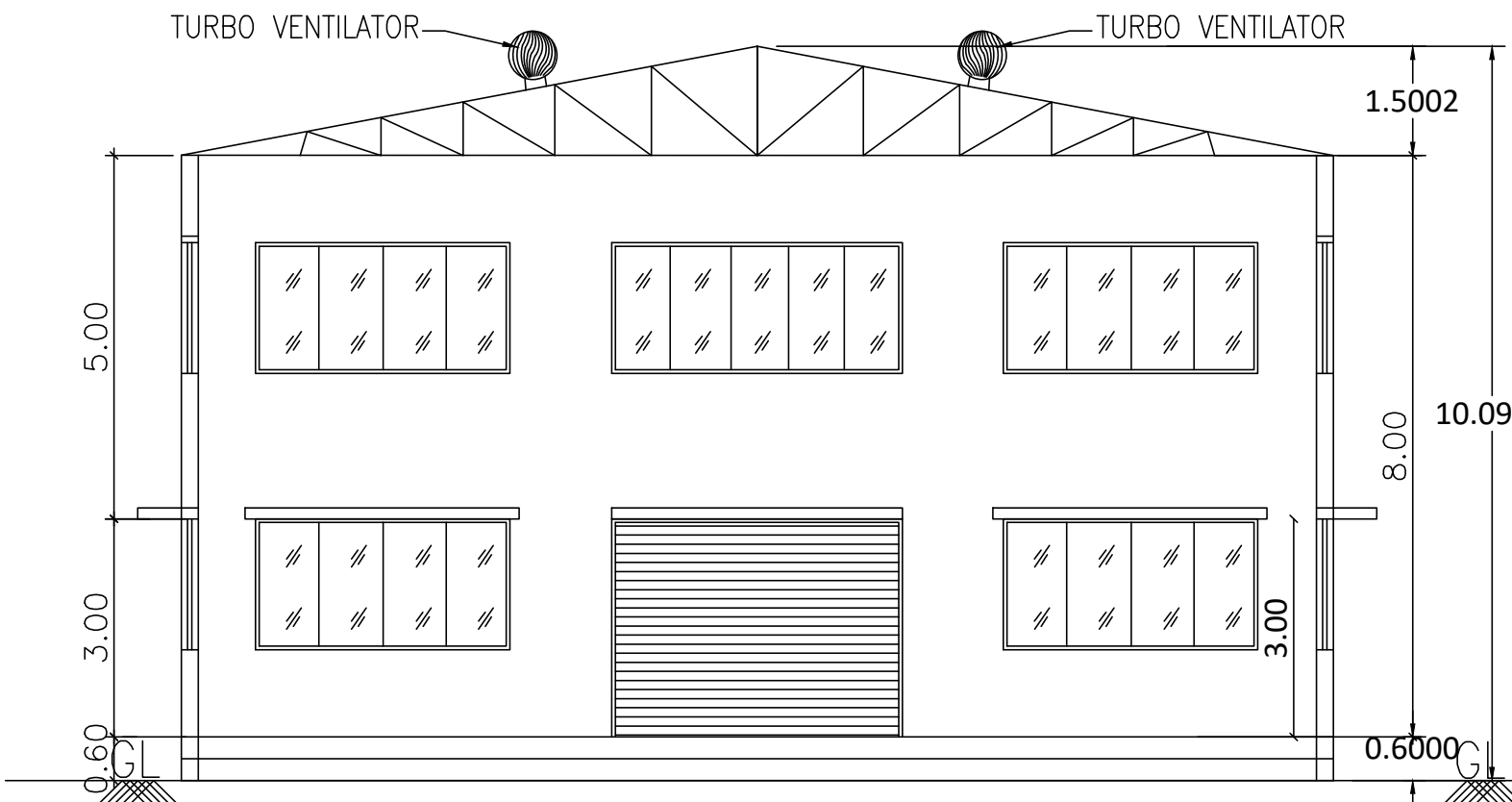


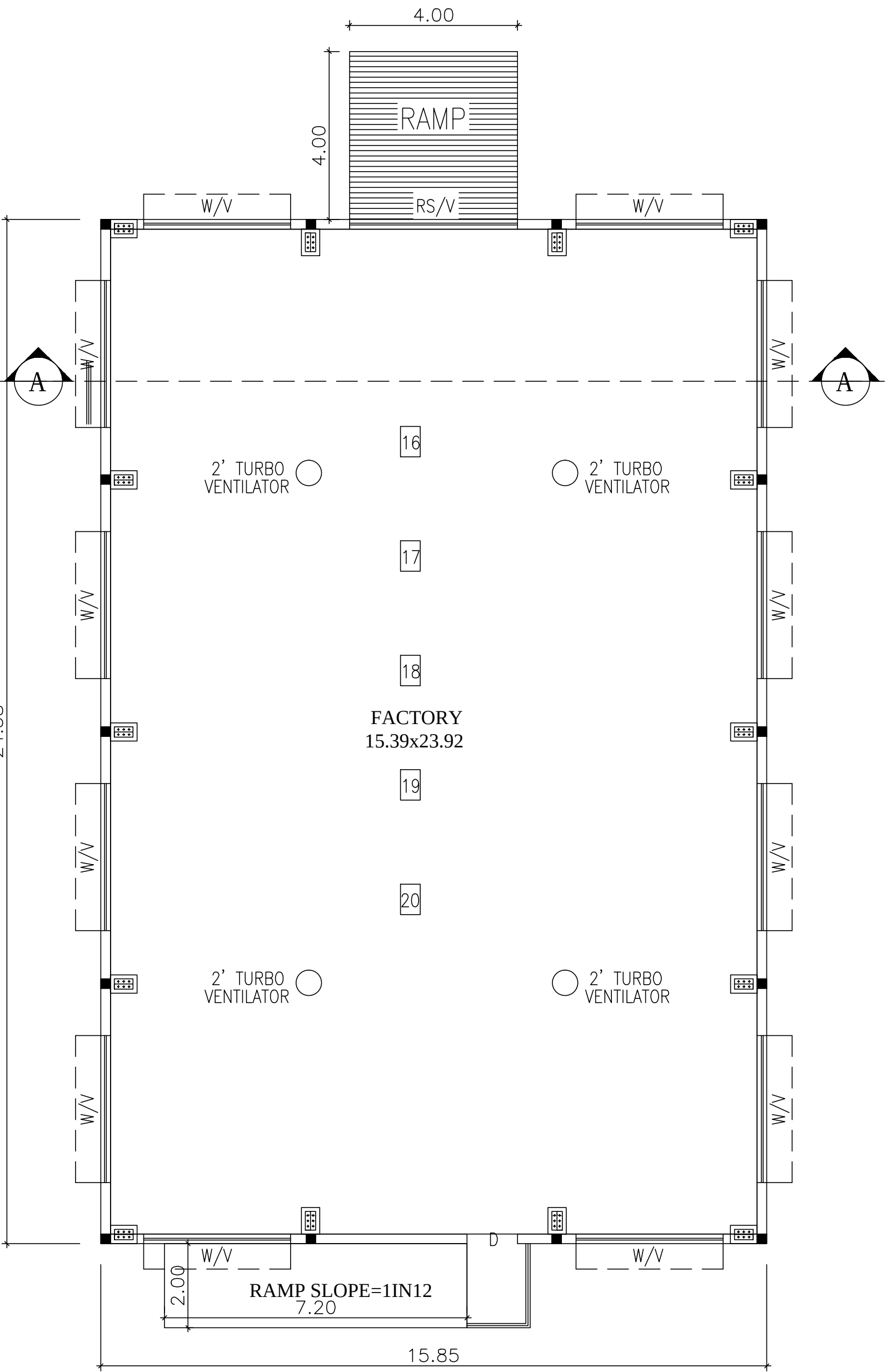
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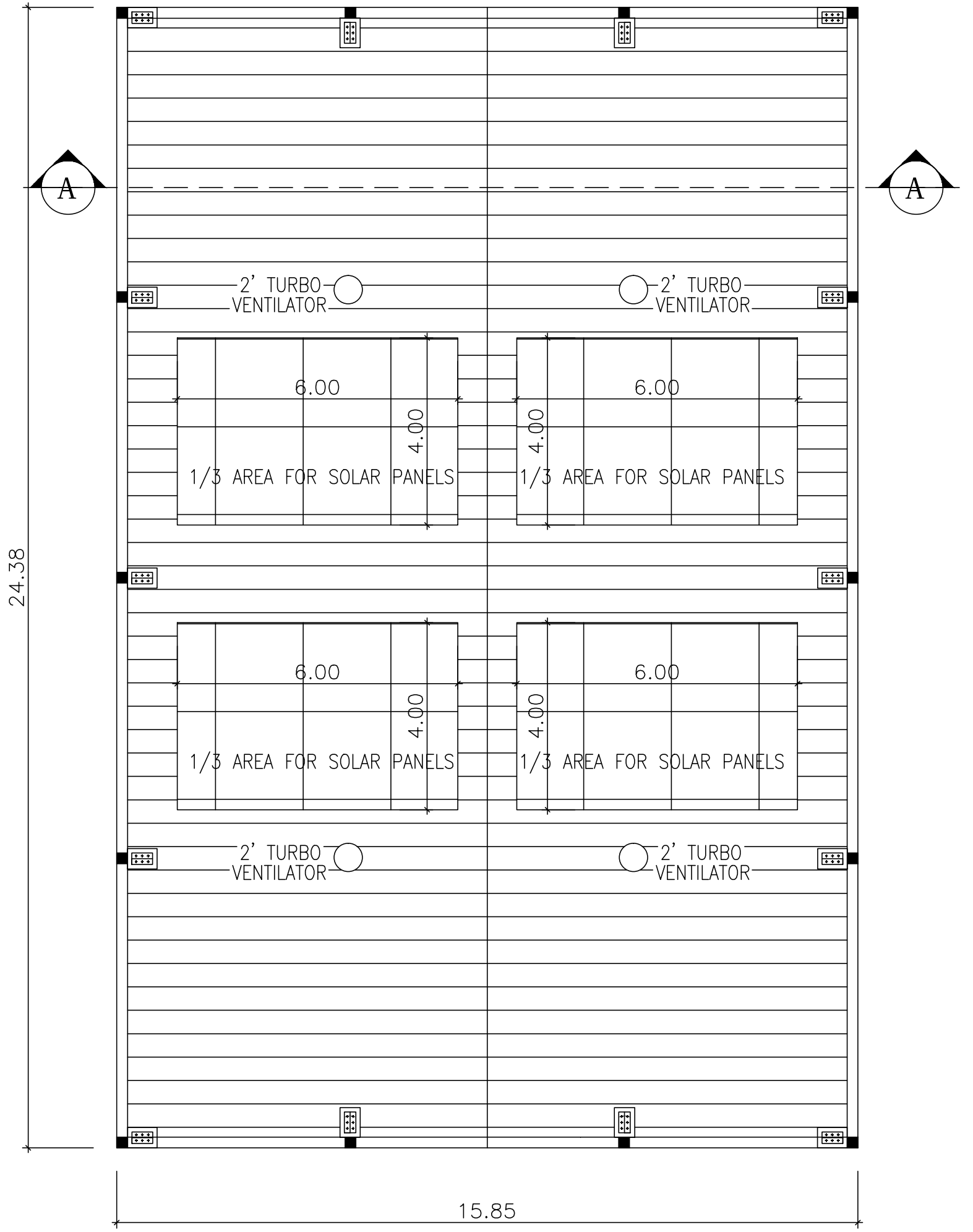
FRONT ELEVATION



SECTION ON AA



GROUND FLOOR PLAN



ROOF PLAN

SHEET NO : 3/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF
RICE MILL & PAR BOILING SHED - 248 HP - FACTORY
BUILDING IN REDHILLS RICE MANDI LAYOUT ,
PLOT NO : 28, S.NO : 287/1E OF VELAKAPURAM VILLAGE,
MAMANDUR PANCHAYAT, POONDI UNION,
UTHUKOTTAI TALUK , TIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : RICE MILL & PAR BOILING SHED

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	4.00 X 3.00	
D	DOOR	1.20 X 2.13	
D1	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	

DESCRIPTION	F.S.I AREA (SOM)	NON F.S.I AREA (SOM)	TOTAL (SOM)
RICE MILL BUILDING			
GROUND FLOOR AREA	552.68	----	552.68
PAR BOILING SHED			
GROUND FLOOR AREA	386.42	----	386.42
ASH ROOM			
GROUND FLOOR AREA	24.57	----	24.57
SECURITY ROOM (NON FSI)	----	6.00	6.00
TOTAL BUILTUP AREA	963.67	6.00	969.67

WORKER'S DETAILS

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

SANITATION REQUIREMENTS

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	—	2	—
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED WIRING

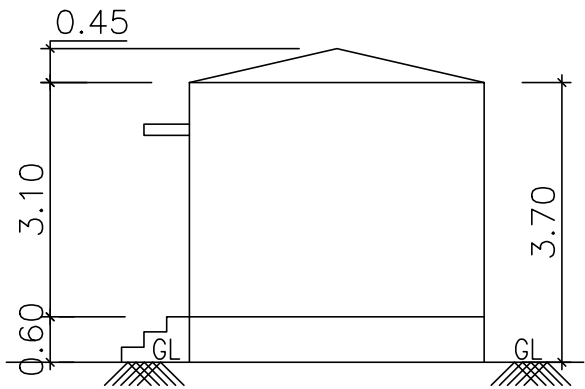
WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=8'
[1:100]

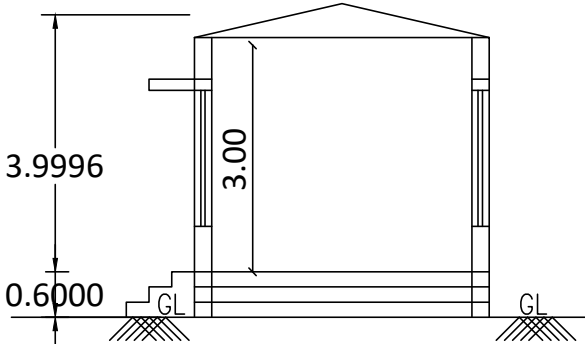
COLOR INDEX

SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING

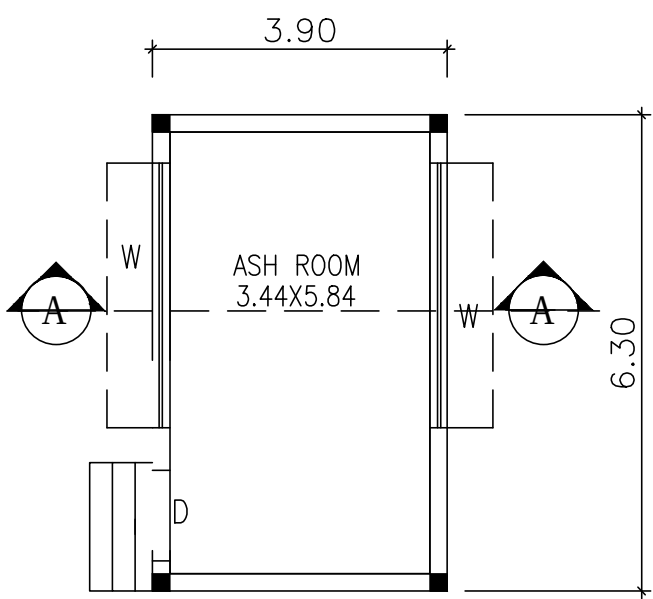
ASH ROOM



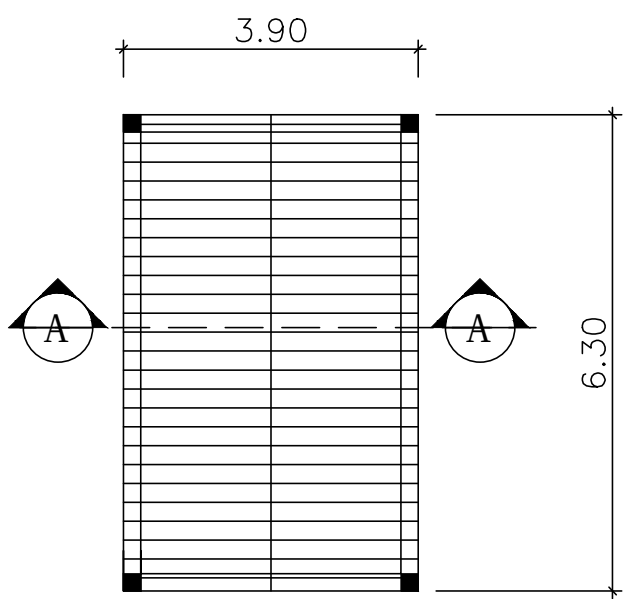
FRONT ELEVATION



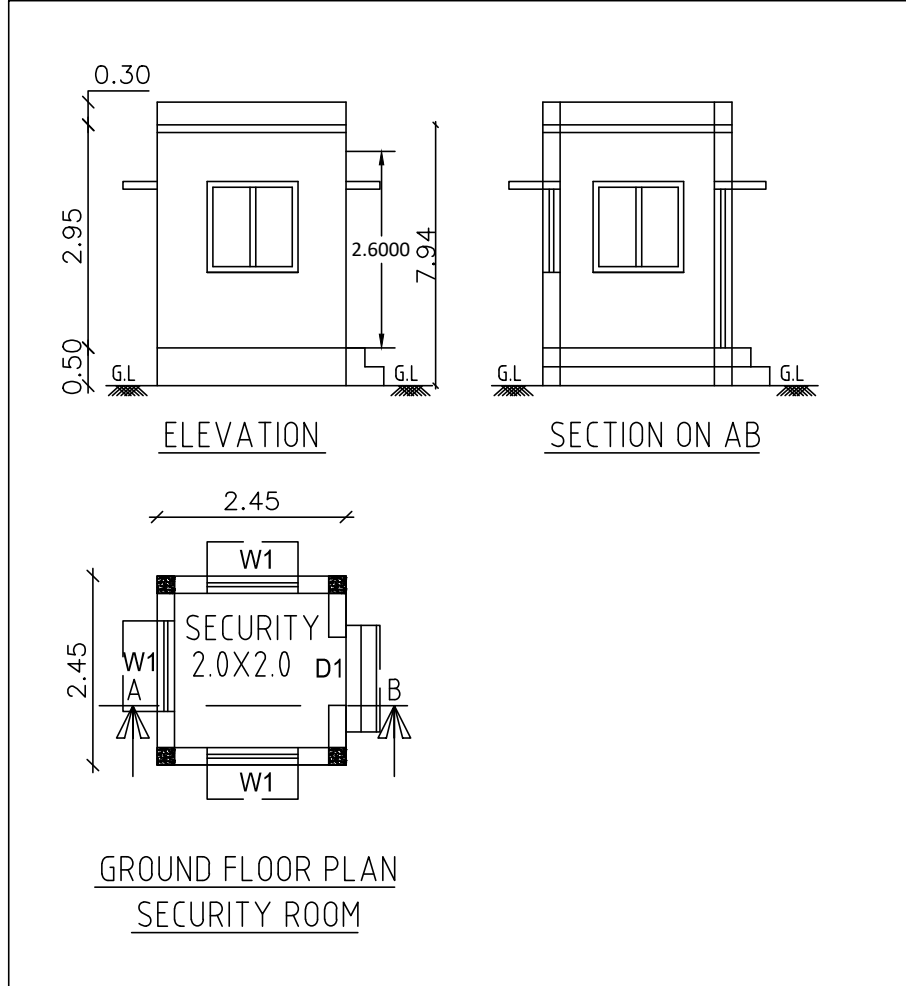
SECTION ON AA



GROUND FLOOR PLAN



ROOF PLAN



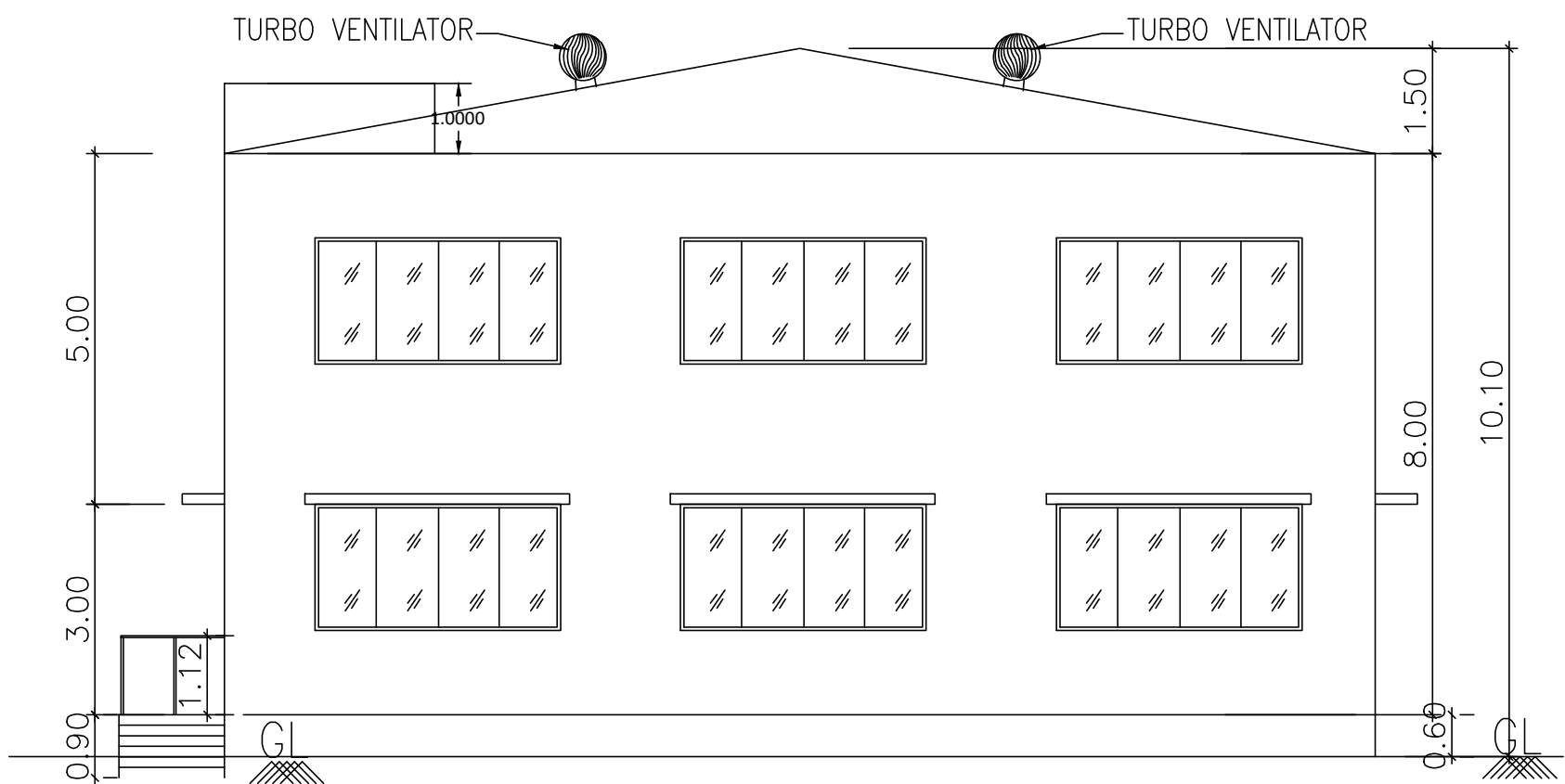
GROUND FLOOR PLAN
SECURITY ROOM

S. Gopal
V. Ram
SIGNATURE OF THE APPLICANT

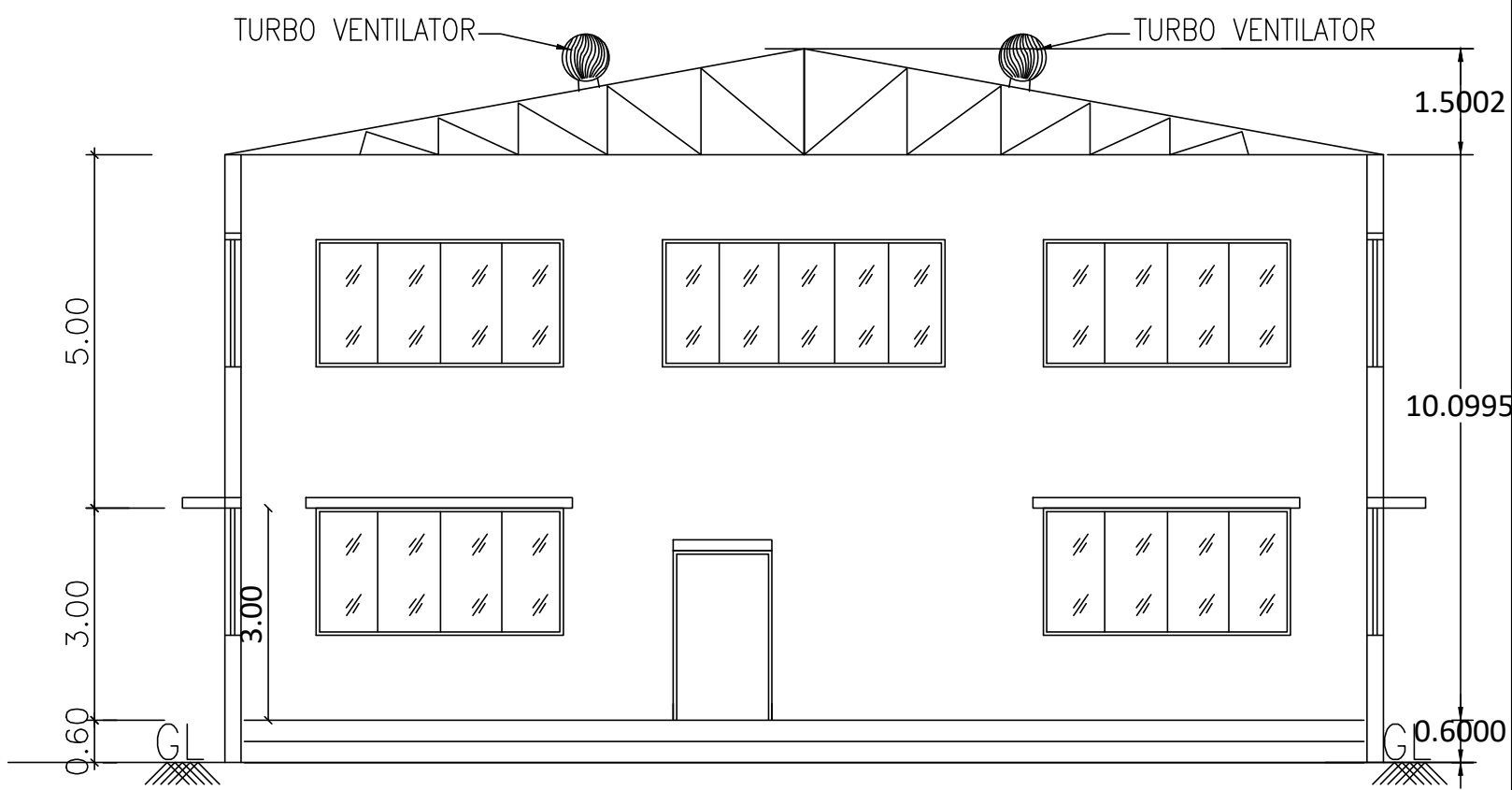
P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-III, CSE, RSI, ISE, CSE, ISE, ISE / 2019 / 07 / 011
Ph : 96745655, 96745656 / 96745657
DTC
STRUCTURAL ENGINEER

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Avadi, Chennai-600 054.
dhinesh.architect@gmail.com
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ARCHITECT / ENGINEER

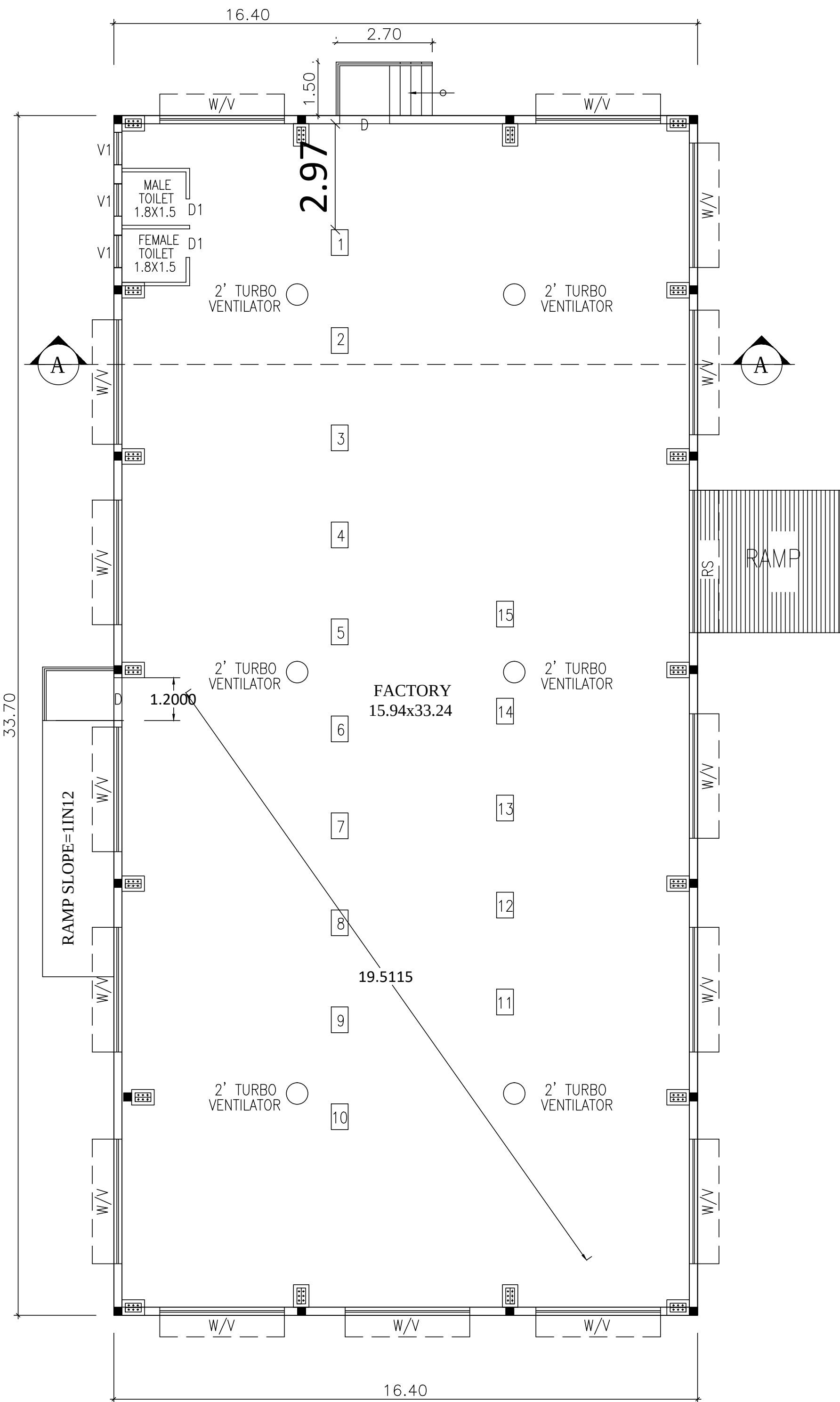
RICE MILL



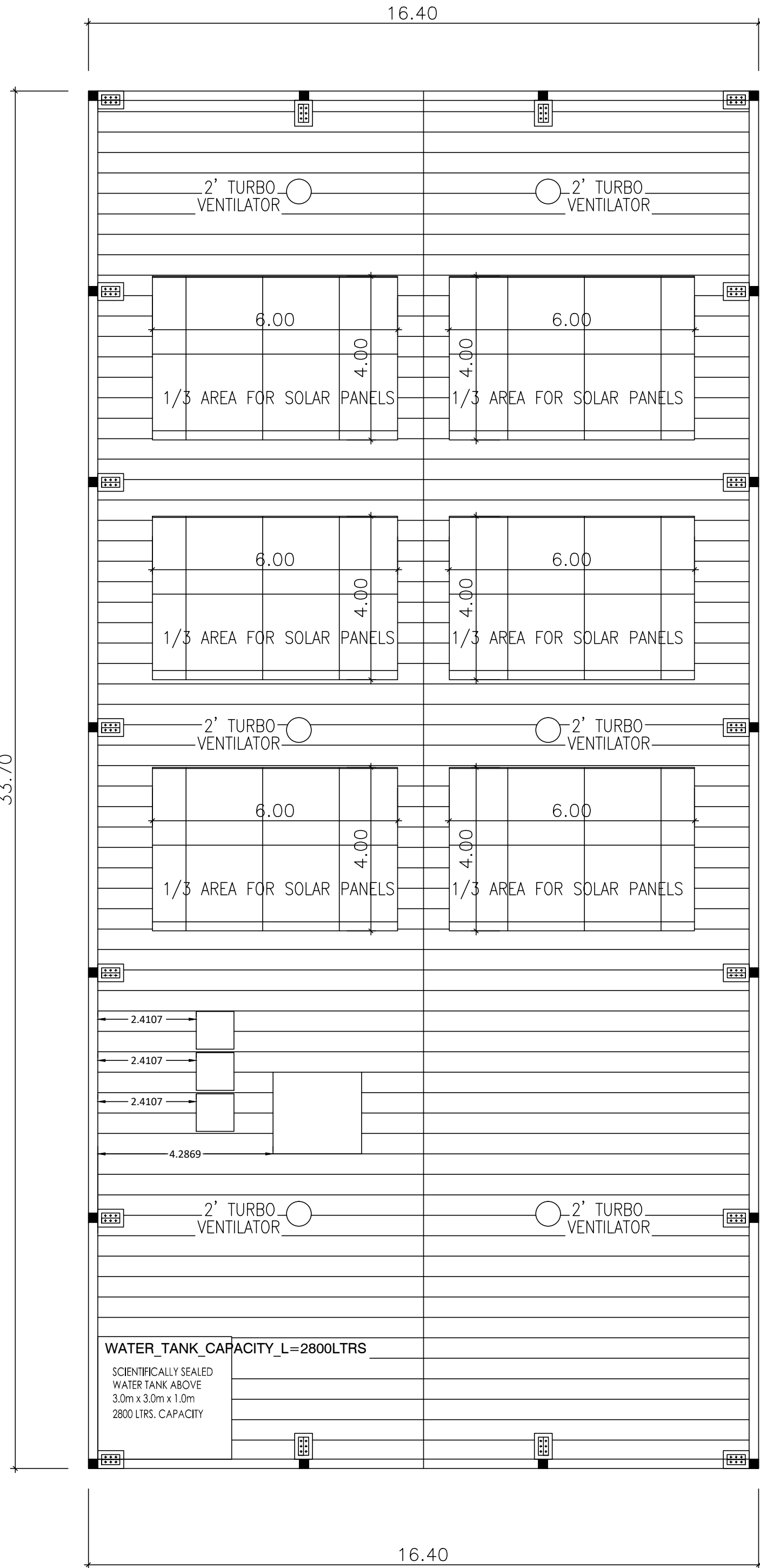
FRONT ELEVATION



SECTION ON AA



GROUND FLOOR PLAN



ROOF PLAN

SHEET NO : 2/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF
RICE MILL & PAR BOILING SHED - 248 HP - FACTORY
BUILDING IN REDHILLS RICE MANDI LAYOUT ,
PLOT NO : 28, S.NO : 287/1E OF VELAKAPURAM VILLAGE,
MAMANDUR PANCHAYAT , POONDI UNION,
UTHUKOTTAI TALUK , TIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : RICE MILL & PAR BOILING SHED

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	4.00 X 3.00	
D	DOOR	1.20 X 2.13	
D1	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	
DESCRIPTION	F.S.I AREA (SOM)	NON F.S.I AREA (SOM)	TOTAL (SOM)
RICE MILL BUILDING			
GROUND FLOOR AREA	552.68	----	552.68
PAR BOILING SHED			
GROUND FLOOR AREA	386.42	----	386.42
ASH ROOM			
GROUND FLOOR AREA	24.57	----	24.57
SECURITY ROOM (NON FSI)	----	6.00	6.00
TOTAL BUILTUP AREA	963.67	6.00	969.67

WORKER'S DETAILS			
NO OF WORKERS - MALE		:	10 Nos
NO OF WORKERS - FEMALE		:	05 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL
NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

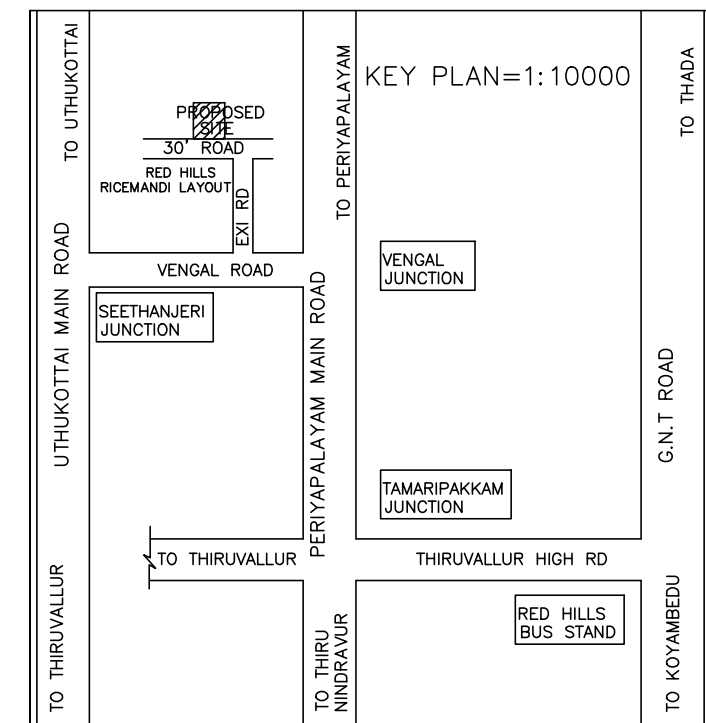
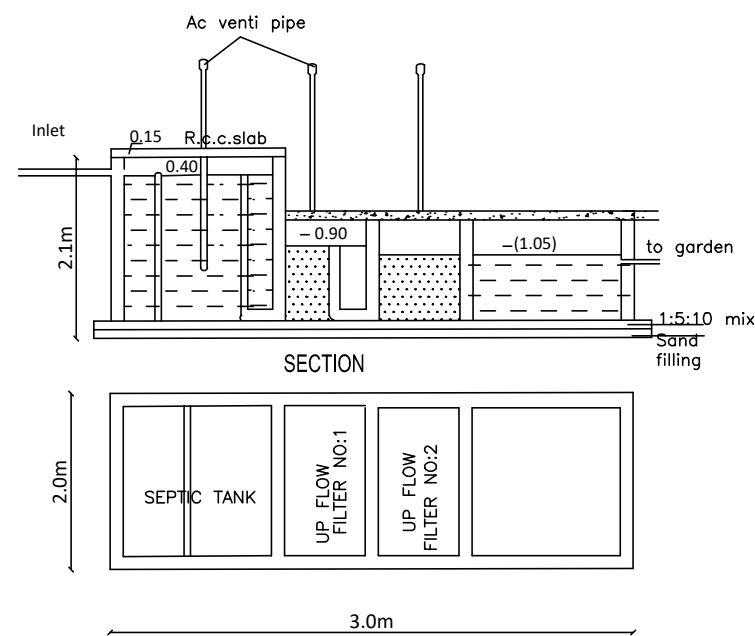
TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

SPECIFICATION:		WWT - WASTE WATER TANK OHT - OVER HEAD TANK RW-H - RAIN WATER HARVESTING SWHS - SOLAR WATER HEATING SYSTEM FE - FIRE EXTINGUISHER EA - EMERGENCY ALARM SB - SAND BUCKET ⚡⚡⚡
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5		
FOUNDATION : RCC COLUMN FOUNDATION		
SLAB : RCC 1:2:4 4.5"TK		
BEAM LINTEL SUNSHADE : RCC 1:2:4		
WEATHERING COURSE/VE WITH PRESSED TILES		
ELECTRIFICATION WORK CONCELED WIRING		

SCALE : 1"=8' [1:100]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

S. Gopal
V. Mmm
SIGNATURE OF THE APPLICANT

P. MARIAPPAN, S.E., M.E.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II, No. 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
Ph : 96745655, Cof : 9843256750
STRUCTURAL ENGINEER



SHEET NO : 1/3			
PLAN SHOWING THE PROPOSED CONSTRUCTION OF RICE MILL & PAR BOILING SHED - 248 HP - FACTORY BUILDING IN REDHILLS RICE MANDI LAYOUT , PLOT NO : 28, S.NO : 2871/E OF VELAKAPURAM VILLAGE, MAMANDUR PANCHAYAT, POONDI UNION, UTHUKOTTAI TALUK , TIRUVALLUR DISTRICT.			
CATEGORY OF INDUSTRY		: GREEN	
MANUFACTURING TYPE		: RICE MILL & PAR BOILING SHED	
DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
TOTAL SITE AREA (AS PER PATTA)	6761.00		
TOTAL SITE AREA (SUPERIMPOSED AREA)	6761.00		
RICE MILL BUILDING			
GROUND FLOOR AREA	552.68	---	552.68
PAR BOILING SHED			
GROUND FLOOR AREA	386.42	---	386.42
ASH ROOM			
GROUND FLOOR AREA	24.57	---	24.57
SECURITY ROOM (NON FSI)	---	6.00	6.00
TOTAL BUILDUP AREA	963.67	6.00	969.67
<u>REFERENCE</u>			
DESCRIPTION	CALCULATION		PROPOSED
PLOT COVERAGE	$\frac{963.67}{6750.00} \times 100$		14.28%
FLOOR AREA RATIO	$\frac{963.67}{6750.00}$		0.143
OSR AREA	6750.0 SQM (10.0%)		PAY TO DTCP
PARKING AREA	LORRRYS = 2 Nos TWO WHEELER = 15 Nos CYCLE PARK = 15 Nos		LORRRYS = 3 Nos TWO WHEELER = 25 Nos CYCLE PARK = 25 Nos

<u>WORKER'S DETAILS</u>	
NO OF WORKERS - MALE	: 10 Nos
NO OF WORKERS - FEMALE	: 05 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	—	2	—
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

<u>SOLAR HOT WATER SYSTEM DETAIL</u>	
NO OF WORKERS - MALE	: 10 Nos
NO OF WORKERS - FEMALE	: 05 Nos
TOTAL NO OF WORKERS (10+5 = 15)	: 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day	
TOTAL CONSUMPTION (15 X 80)	: 1200 Lits
NO OF SWHS (2000 lit capacity)	: 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

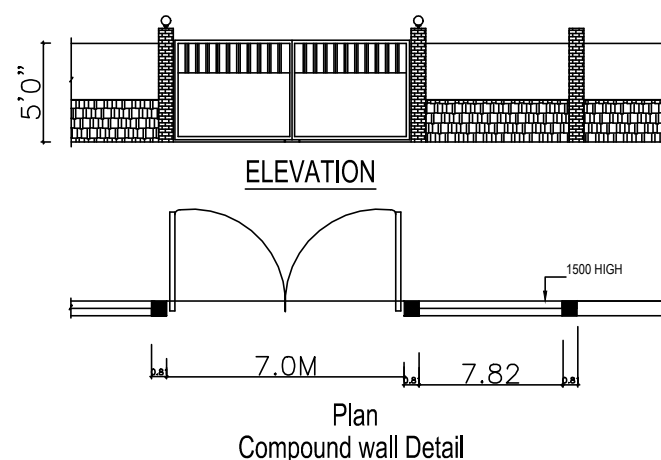
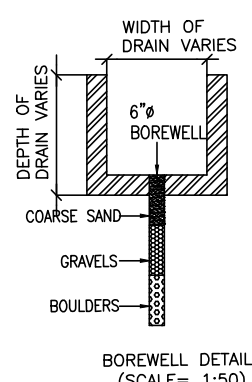
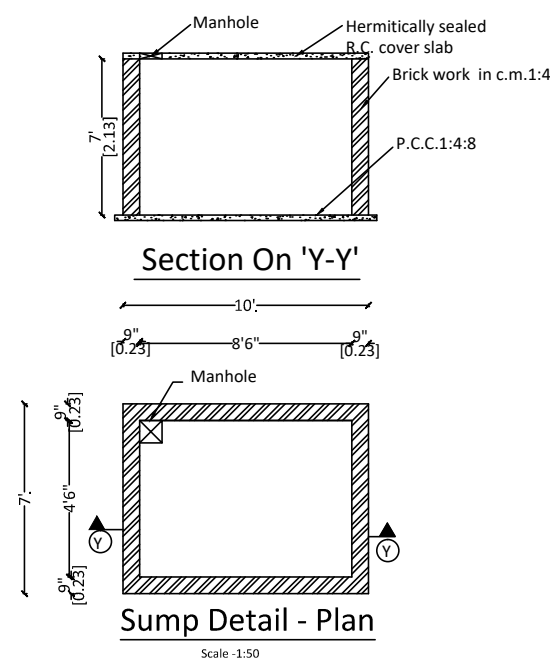
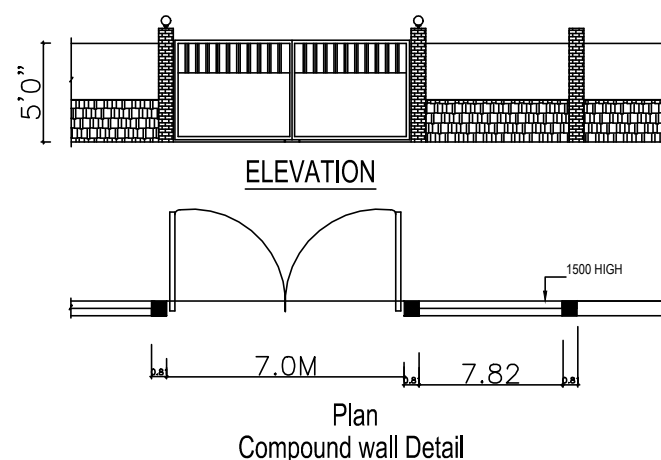
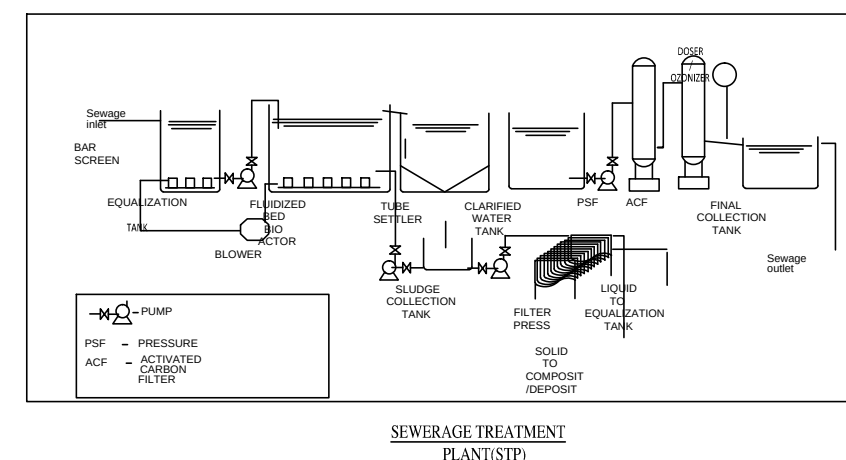
<u>SPECIFICATION:</u> SUPER STRUCTURE : 9"TK B.W IN C.M 1:5 FOUNDATION : RCC COLUMN FOUNDATION SLAB : RCC 1:2:4 4.5TK BEAM UNTEL SUNSHADE : RCC 1:2:4 WEATHERING COURSE/ WITH PRESSED TILES ELECTRIFICATION WORK COMPLETED WIRING	WWT - WASTE WATER TANK OHT - OVER HEAD TANK RWH - RAIN WATER HARVESTING SWHS - SOLAR WATER HEATING SYSTEM FE - FIRE EXTINGUISHER EA - EMERGENCY ALARM SB - SAND BUCKET 
---	---

SCALE : 1"=32' [1:400]	<u>COLOR INDEX</u>
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

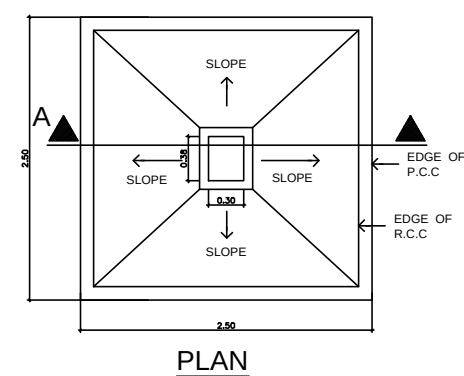
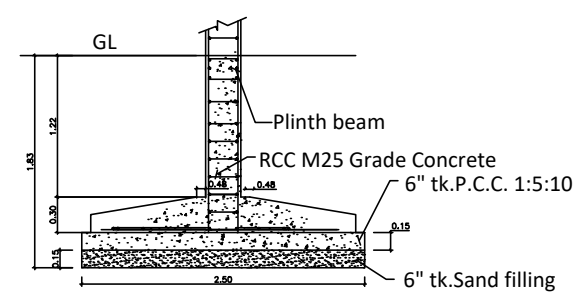
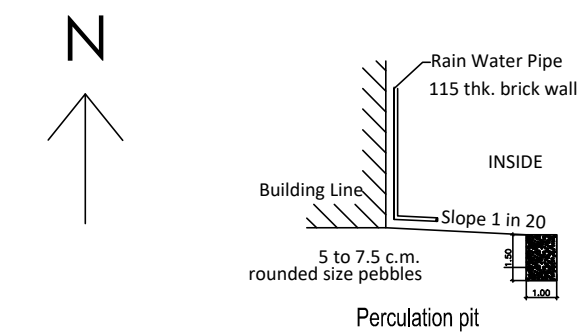
S. G. G. G. G.
V. P. P. P. P.
SIGNATURE OF THE APPLICANT

P. MARIAPPAN, S.E., MICE,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CIL RGN / 32 / GR-01 / 2019 / NT / BLS
OTCP
Ph : 987455655, Cnf : 9843296750
STRUCTURAL ENGINEER


 Dhinesh T Architect
 Reg No: TILR/RA/ER/508/05/001
 10/1, 2nd Street, Kasthuribai Nagar,
 Avadi, Chennai-600 054.
 dhinesh.architect@gmail.com
 +91 73730 83060 / 63003 66666
ARCHITECT / ENGINEER



REF.	NAME OF MACHINERY	QTY	H.P.
	RICE MILL		
1.	PADDY CLEANER	1	5
2.	RUBBER SHELLER	1	10
3.	RICE POLISHER	1	30
4.	RICE POLISHER	1	30
5.	CYCLONE	1	12
6.	CYCLONE	1	12
7.	CYCLONE	1	12
8.	AIR LOCK	1	1
9.	SILKY	1	30
10.	THIN GRADER	1	3
11.	RICE SHIFTER	1	3
12.	COLOR SORTER	1	5
13.	RICE BLOWER	1	5
14.	ELEVATORS 17X1	17	17
15.	COMPRESSOR	1	20
	DRYER & PARBOILING SHED		
16.	BED COOLER	1	10
17.	DRYER	1	10
18.	PADDY CLEANER	1	5
19.	ELEVATORS 4X5	4	20
20.	PRESSURE BOILER	1	10
	TOTAL HP		248



As per design
Typical Column Foundation Detail
As per design

[illegible]

1. The proposed site is boundarised as "A to D" and Numbered as SWP/L.P./A.D.D.T.C.P(TVLR) No.239/2023
2. The building plan Numbered as SWP/B.P(Industry)/A.D.D.T.C.P(TVLR) No.74/2023.

Signature Not Verified
Signed by: Assistant Director
Location: Tiruvallur
Date: 2023.11.22 08:30:27