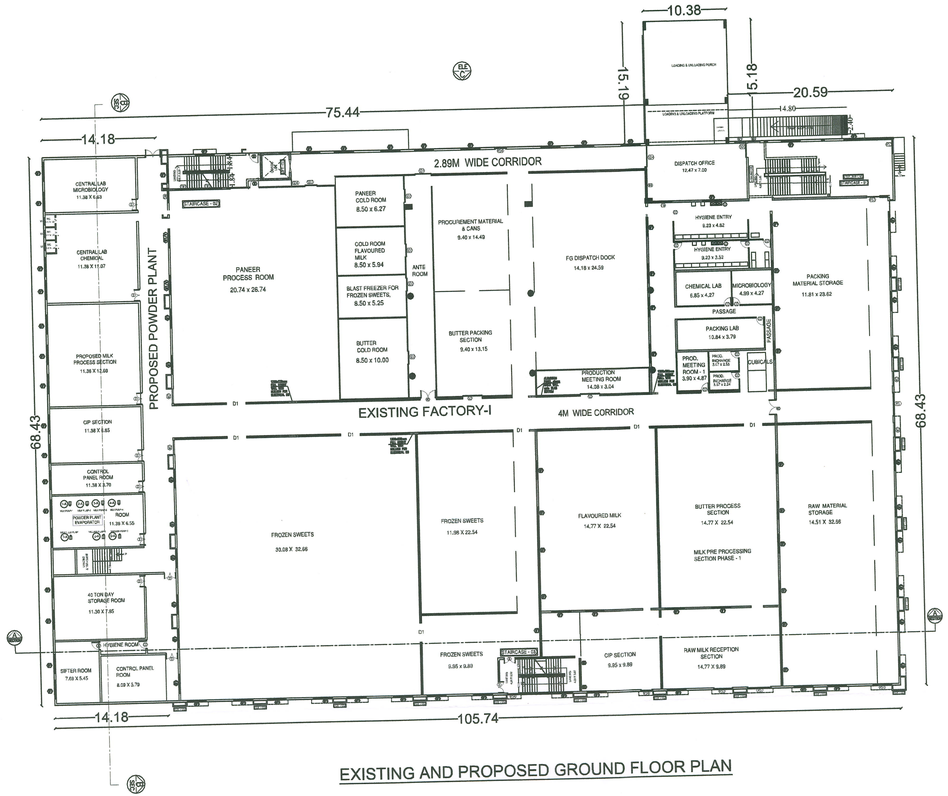
FACTORY -01



EXISTING AND PROPOSED GROUND FLOOR PLAN

FACTORY -01 GROUND FLOOR PROPOSED HP DETAILS

SL NO.	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
	POWER PLANT EVAPARATOR			
1-A	MILK PUMP-1	1	3	3
2-A	MILK PUMP-2	1	3	3
3-A	MILK PUMP-3	1	3	3
4-A	MILK PUMP-4	1	3	3
5-A	VACUUM PUMP-1	1	10	10
6-A	VACUUM PUMP-2	1	10	10
7-A	MILK FEED PUMP	1	5	5
8-A	MOTOR (SIFTER ROOM)	1	3	3
			TOTAL	40

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING (orange industries) UNIT FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

SLNO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2650 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED AND PROPOSED FACTORY-01 BUILDING DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY			
EXISTING GROUND FLOOR + PROPOSEDGROUND FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
PROPOSED THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15345.10	-----	15345.10

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

R. MANIKANDAN, M.Tech, (Structures)
Registered Structural Engineer Grade I
SE/GD-I/19/06/154 (CMDA), RSE 100502019 (GCC)
CGLRGN/SE/Gr-I/2019/09/036(DTCP)
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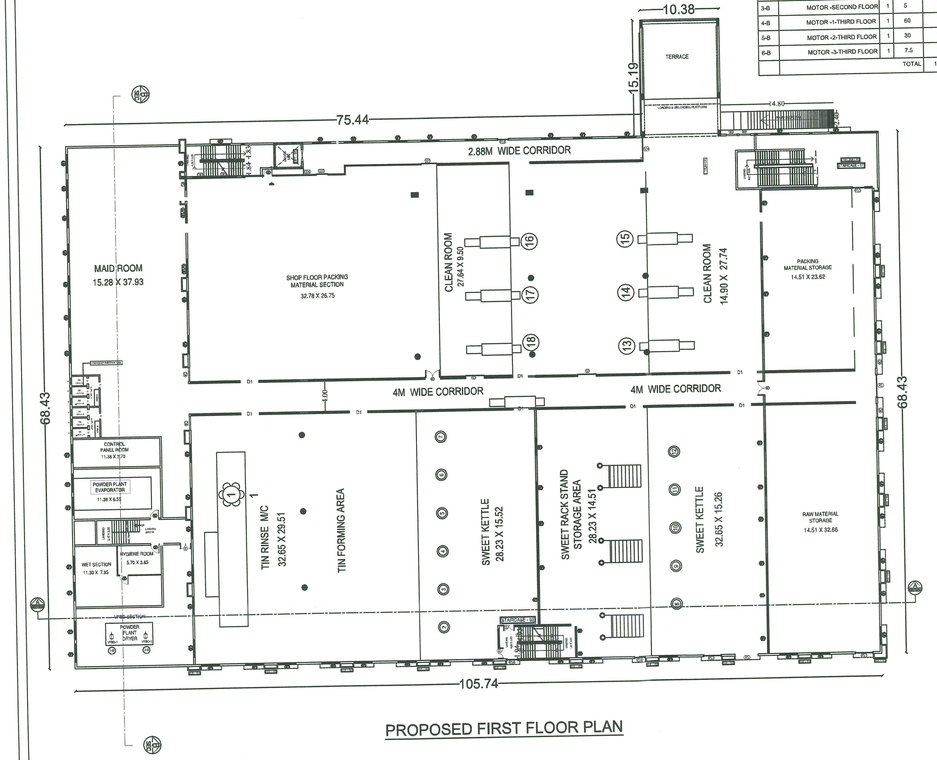
STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA,BE.,
DTCP Registered Engineer
RE: 08 / 2021
RENGA PLANNERS PVT. LTD.
Shop No.1, Kalaisagar Complex
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 99949 04630

ENGINEER

FACTORY -01



PROPOSED FIRST FLOOR PLAN

FACTORY -01 FIRST FLOOR PROPOSED HP DETAILS

SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
	SWEET SECTION MACHINERY DETAILS			
	TIN RINSE			
1	TIN RINSE M/C	1	50	50
	SWEET SECTION			
2 TO 12	SWEET KETTLE	11	2	22
	CLEAN ROOM			
13 TO 18	TRAY SEALING M/C	6	2	12
			TOTAL	84
	POWER PLANT DRYER			
1-B	VFBD-1-FIRST FLOOR	1	5	5
2-B	VFBD-2-FIRST FLOOR	1	5	5
3-B	MOTOR -SECOND FLOOR	1	5	5
4-B	MOTOR -1-THIRD FLOOR	1	60	60
5-B	MOTOR -2-THIRD FLOOR	1	30	30
6-B	MOTOR -3-THIRD FLOOR	1	7.5	7.5
			TOTAL	112.50

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODDEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1800 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2850 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED AND PRPOSED FACTORY-01 BUILDING DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA FACTORY EXISTING GROUND FLOOR + PROPOSEDGROUND FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
PROPOSED THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15345.10	-----	15345.10

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory
APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984639
ARCHIETECT

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STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA,BE.,
DTCP Registered Engineer
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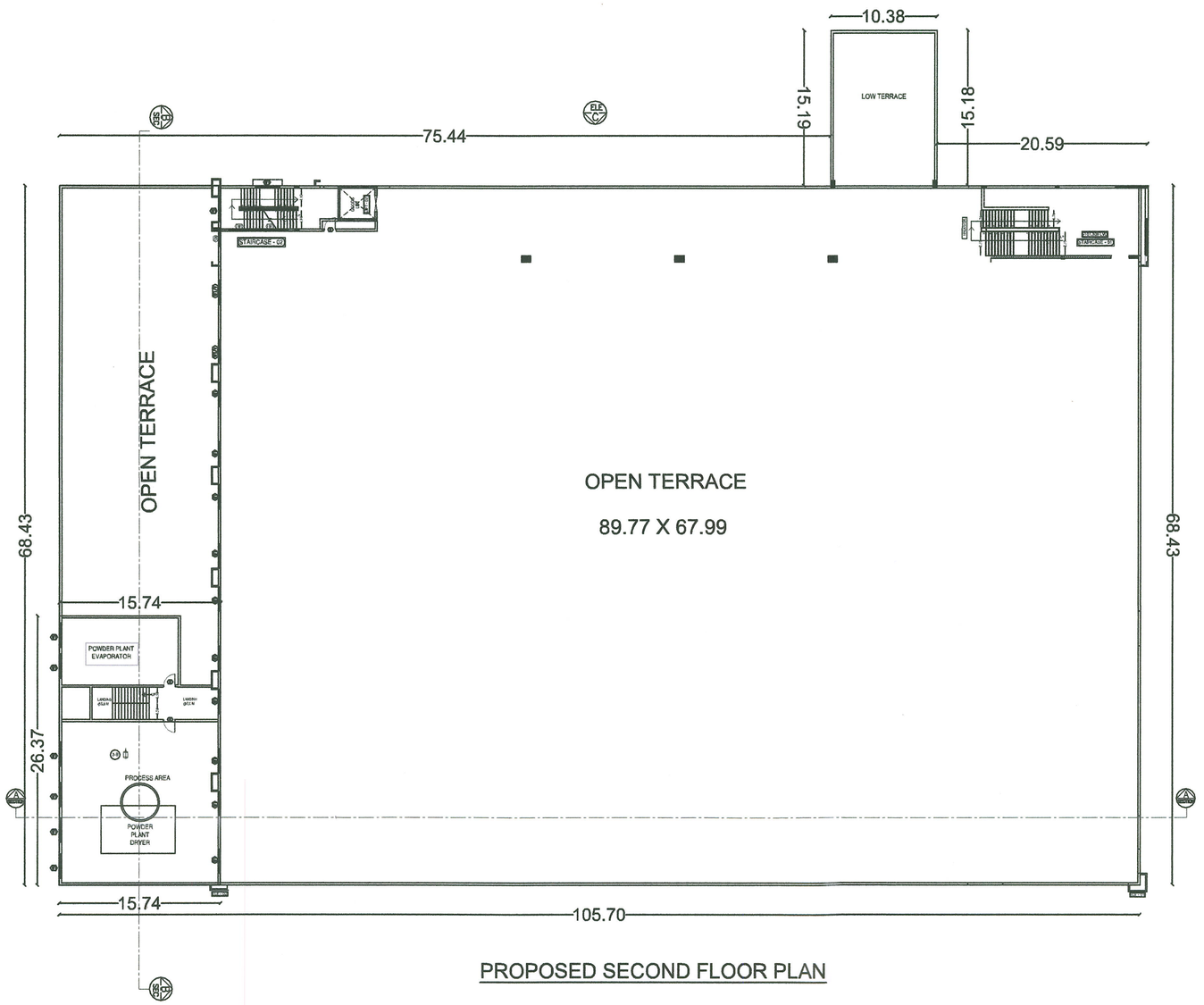
Madurai-625002. Cell: 98949 84630
ENGINEER

FACTORY -01



PROPOSED SECOND FLOOR PLAN

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2850 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED FACTORY-01 BUILDING DETAILS
AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY			
EXISTING GROUND FLOOR + PROPOSEDGROUND FLOOR OF POWDER PLANT	7257.47	------	7257.47
PROPOSED FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	------	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	------	415.08
PROPOSED THIRD FLOOR OF POWDER PLANT	415.08	------	415.08
TOTAL	15345.10	------	15345.10

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory
APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
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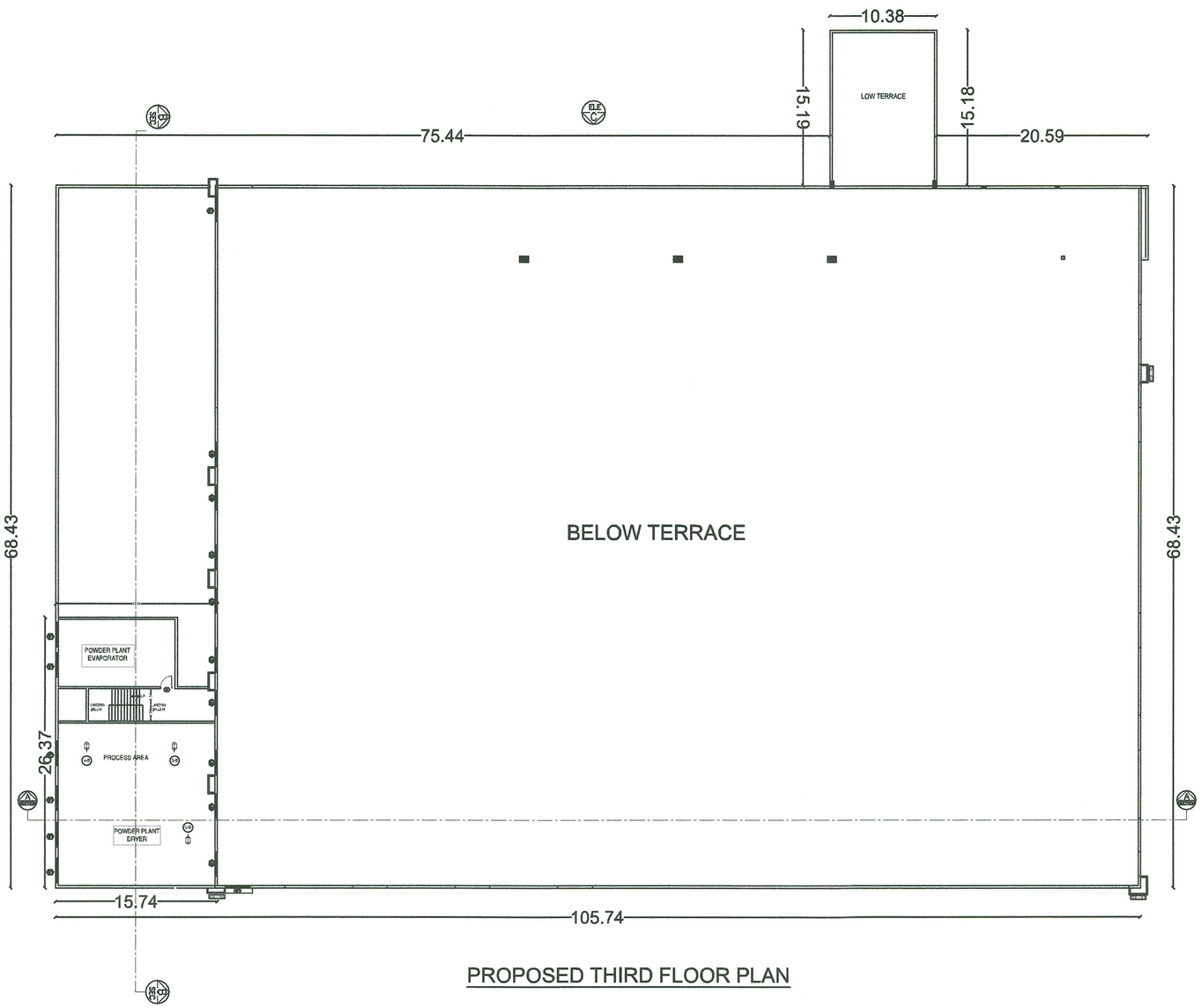
Madurai-625002. Cell: 98949 84630
ENGINEER

FACTORY -01



PROPOSED THIRD FLOOR PLAN

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2650 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED FACTORY-01 BUILDING DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA FACTORY EXISTING GROUND FLOOR + PROPOSEDGROUND FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
PROPOSED THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15345.10	-----	15345.10

For GRB DAIRY FOODS PVT. LTD.,

Authorised Signatory

APPLICANT

C.S.VENKATESH
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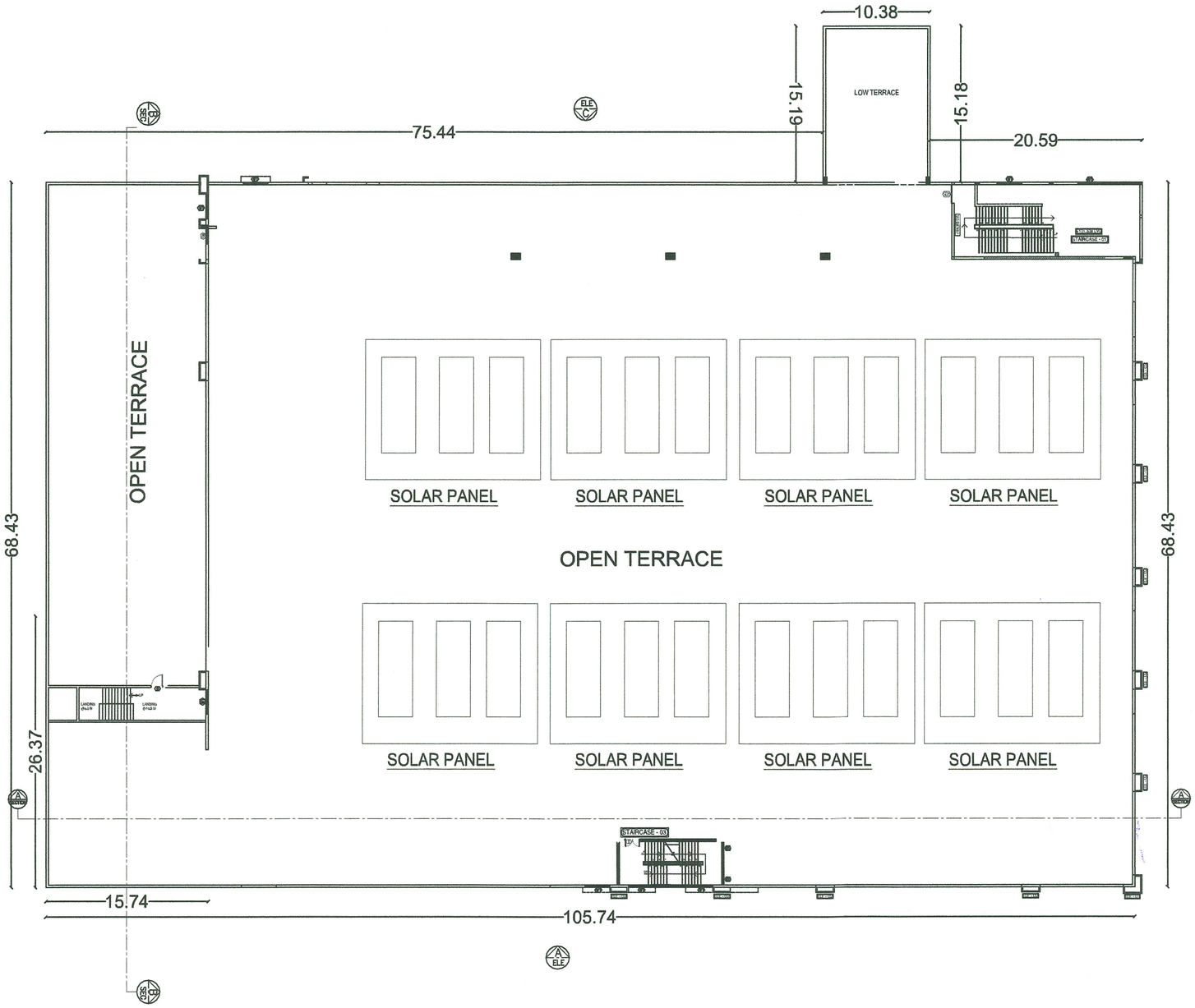
ENGINEER

FACTORY -01



TERRACE FLOOR PLAN

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	D1	1.50 X 2.10	WOODEN FRAME WITH FLUSH DOOR
02.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

FACTORY-01 BUILDING DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA FACTORY GROUND FLOOR + GROUND FLOOR OF POWDER PLANT	7257.47	-----	7257.47
FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
FOURTH FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15760.18	-----	15760.18

For GRB DAIRY FOODS PVT., LTD.,

Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

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STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA,BE.,
DTCP Registered Engineer
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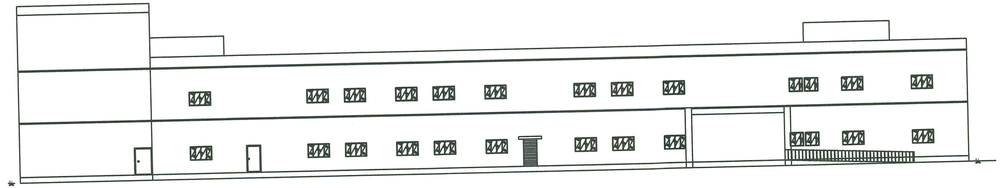
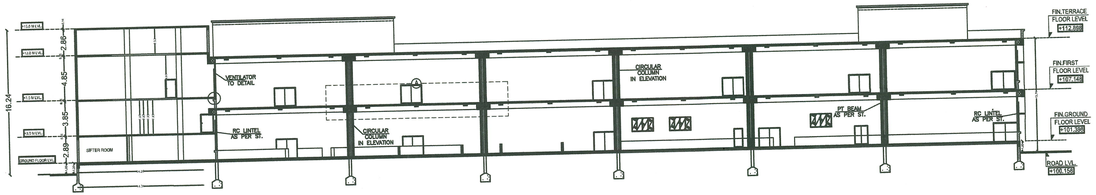
Madurai-625002. Cell: 98949 84630

ENGINEER

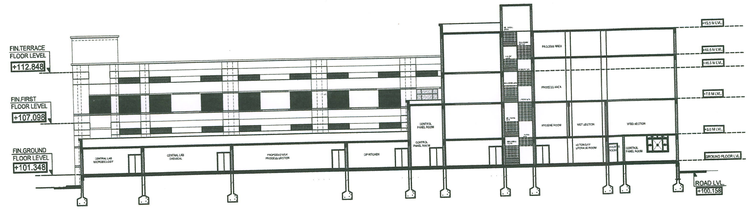
FACTORY -01



ELEVATION



WITH POWDER PLANT SECTION AA



WITH POWDER PLANT SECTION BB

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries)FOR GRB DAIRY FOODS PVT. LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	D1	1.50 X 2.10	WOODEN FRAME WITH FLUSH DOOR
02.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED AND PRPOSED FACTORY-01 BUILDING DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY EXISTING GROUND FLOOR + PROPOSEDGROUND FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED FIRST FLOOR + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
PROPOSED THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15345.10	-----	15345.10

For GRB DAIRY FOODS PVT. LTD.,

Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

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STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA, BE.,
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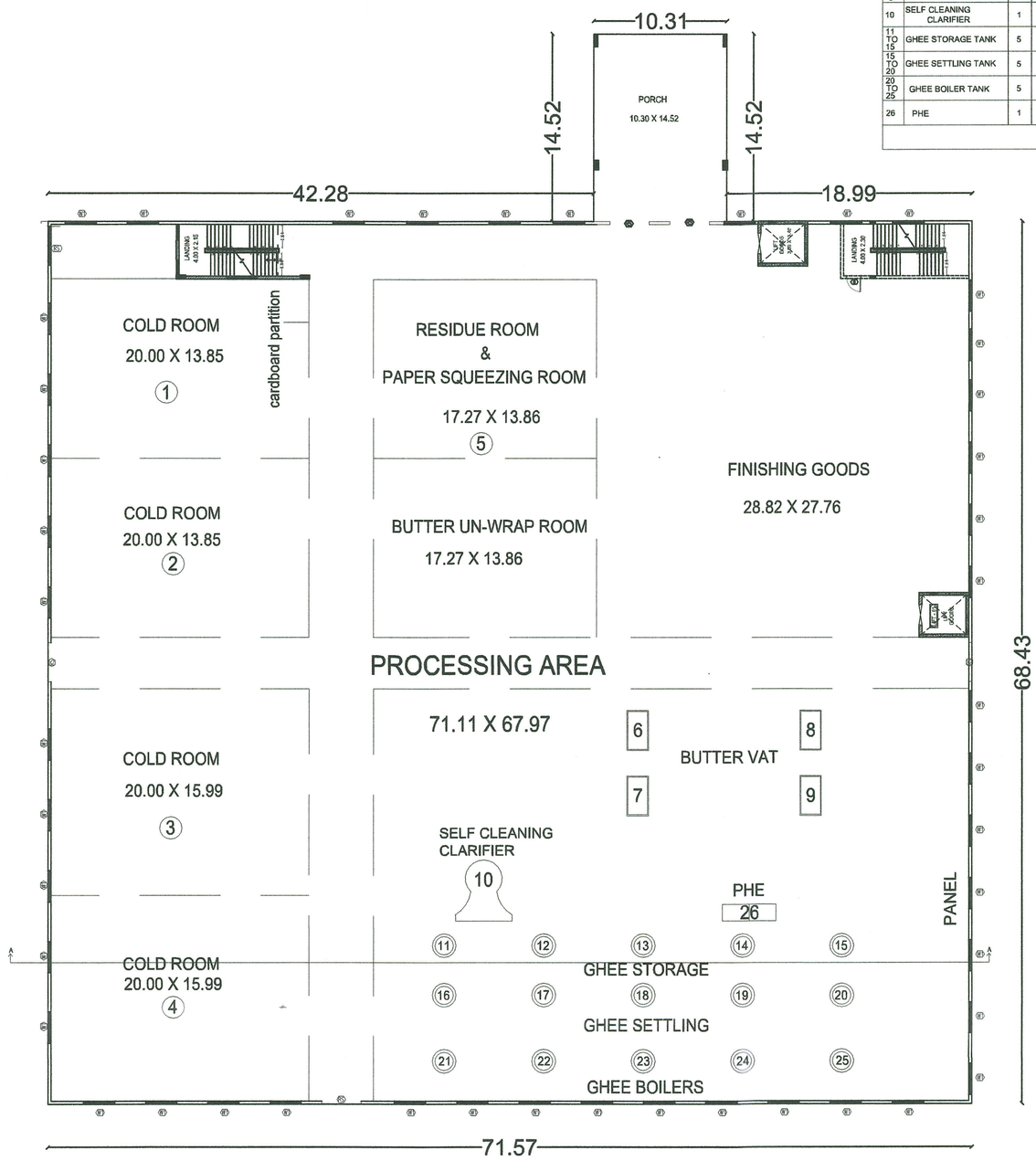
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 9894966630

ENGINEER

FACTORY BLOCK -02

GHEE-MACHINERY DETAILS				
SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
1 TO 4	COLD ROOM	4	25	100
5	RESIDUE ROOM & PAPER SQUEEZING ROOM	1	50	50
6 TO 9	BUTTER VAT	4	2	8
10	SELF CLEANING CLARIFIER	1	15	15
11 TO 15	GHEE STORAGE TANK	5	2	10
15 TO 20	GHEE SETTLING TANK	5	2	10
20 TO 25	GHEE BOILER TANK	5	3.2	16
26	PHE	1	7	7
			TOTAL	216



GROUND FLOOR PLAN

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT (104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2650 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

PROPOSED FACTORY BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY-2			
GROUND FLOOR	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

R. MANIKANDAN, M.Tech, (Structures)
Registered Structural Engineer Grade I
SE/GR-I/19/06/154 (CMDA), RSE 100692019 (GCC)
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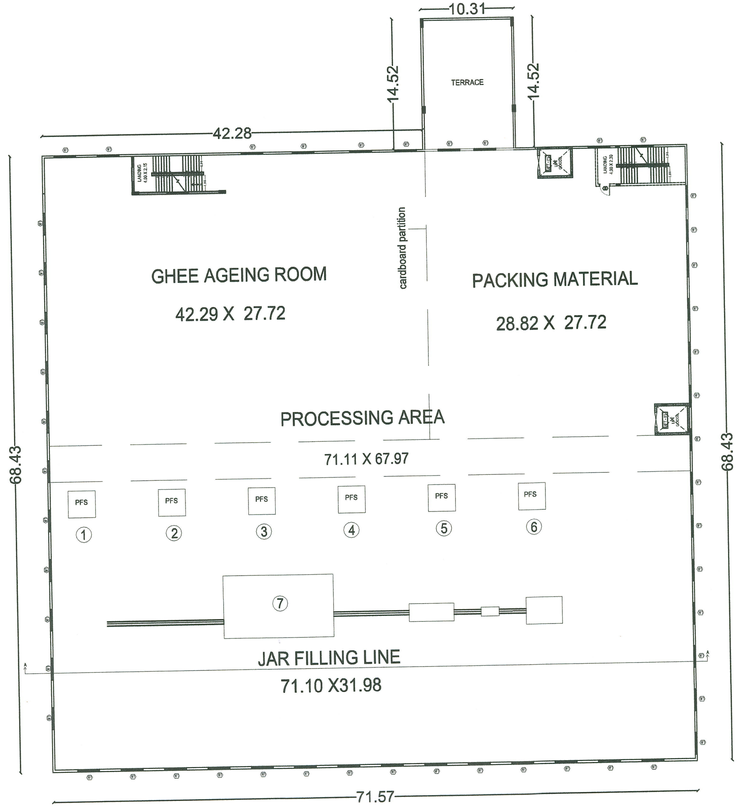
STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA, BE.,
DTCP Registered Engineer
RE: 03 / 2021
RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 98949 84630

ENGINEER

FACTORY BLOCK -02

GHEE-MACHINERY DETAILS				
SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
1TO 6	PFS	6	10	60
7	JAR FILLING LINE	1	75	75
			TOTAL	135



FIRST FLOOR PLAN

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT. LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT (104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2650 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

PROPOSED FACTORY BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY-2			
GROUND FLOOR	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

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STRUCTURAL ENGINEER

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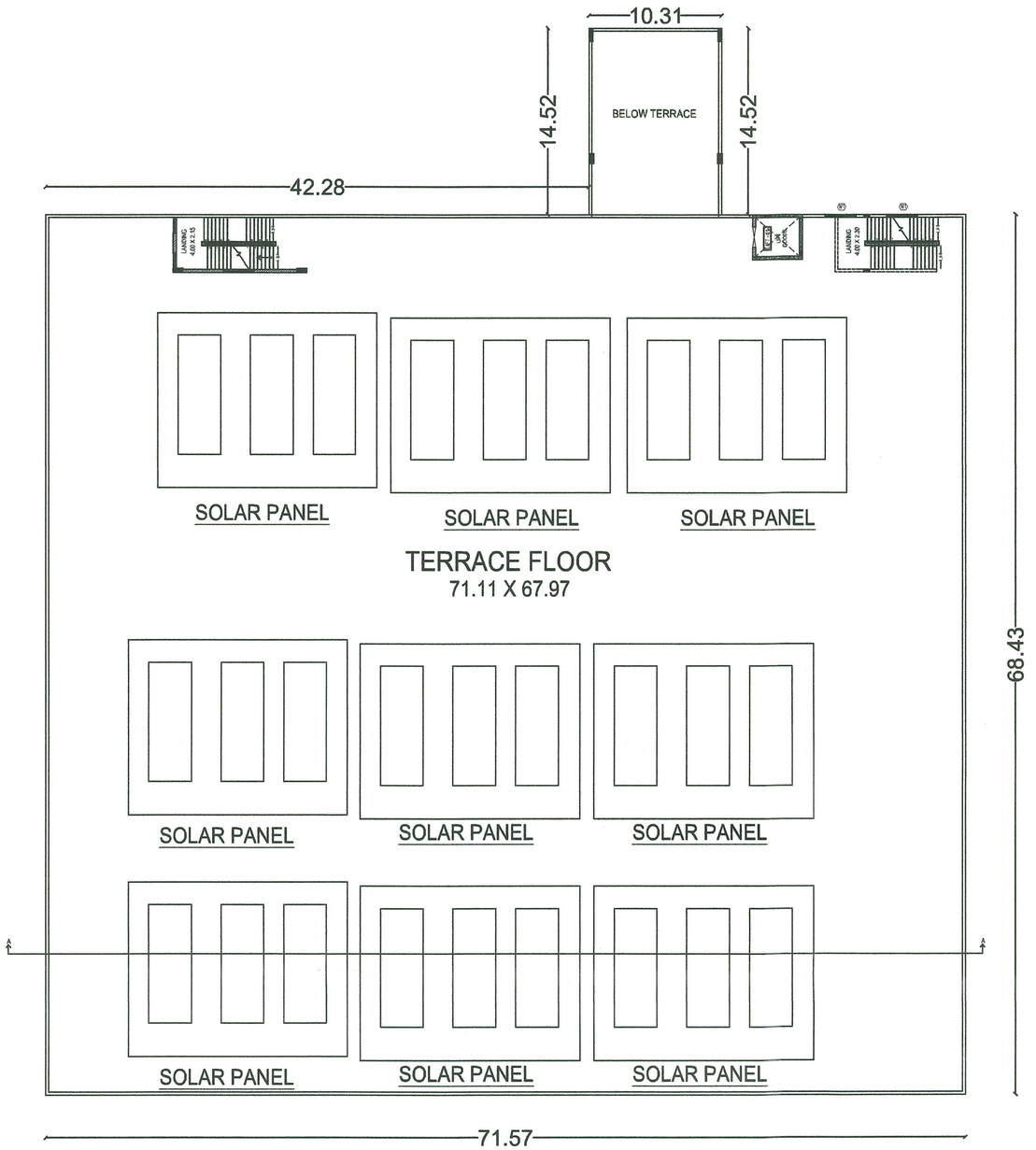
ENGINEER



TERRACE FLOOR PLAN

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries)FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT (104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2650 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

PROPOSED FACTORY BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY-2			
GROUND FLOOR	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

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STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA,BE.,
DTCP Registered Engineer
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RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex
Alagar Kovil Main Road, Tallakulam
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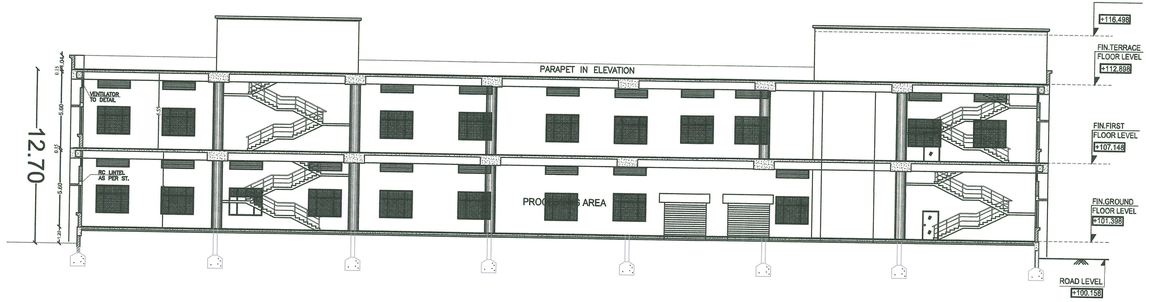
ENGINEER



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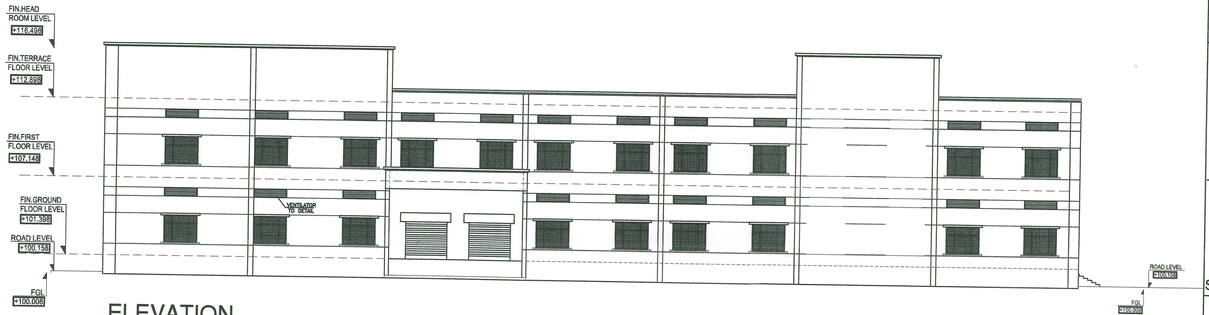

ELEVATION

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

PROPOSED FACTORY BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY-2			
GROUND FLOOR	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

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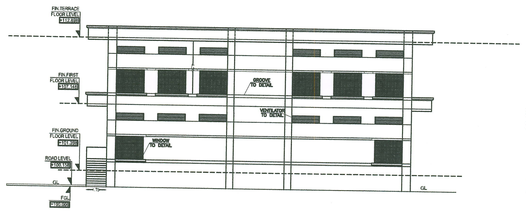
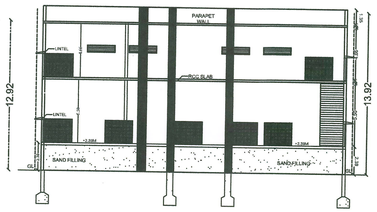
ENGINEER

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT. LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.



ELEVATION



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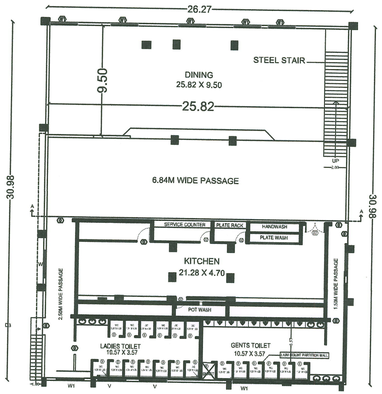
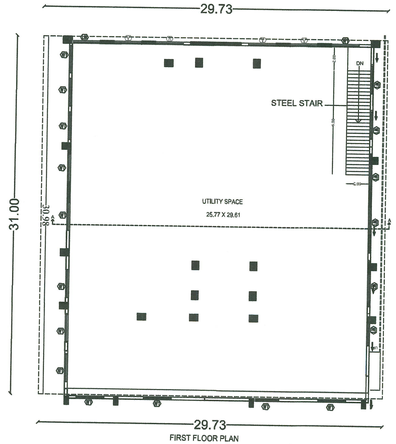
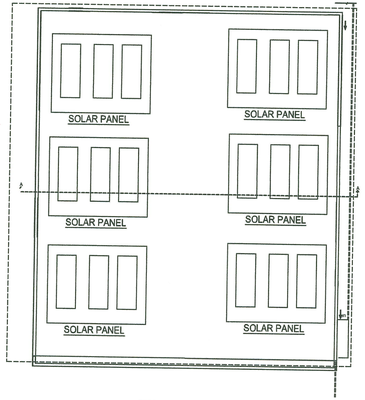


EXISTING GROUND FLOOR



FIRST FLOOR PLAN



TERRACE FLOOR PLAN

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	MD	2000 X 2100	MAIN DOOR
02.	D	1400 X 2100	DOOR
03.	D1	1500 X 2100	WOODEN FRAME WITH FLUSH DOOR
04.	D2	1000 X 2100	DOOR
05.	RS	3000 X 3000	ROLLING SHUTTER TO DETAIL
06.	RS1	2400 X 3000	ROLLING SHUTTER TO DETAIL
07.	RS2	2400 X 3000	ROLLING SHUTTER TO DETAIL
08.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
09.	SD	2400 X 2100	SLIDING DOOR
10.	SD1	2000 X 2100	SLIDING DOOR
11.	SD2	1600 X 2100	SLIDING DOOR
12.	SD3	1500 X 2100	SLIDING DOOR
13.	SD4	2850 X 2100	SLIDING DOOR
14.	SD5	1800 X 2100	SLIDING DOOR
		WINDOWS	
01.	W1	2400 X 2000	WINDOW TO DETAIL
02.	FG	2400 X 2000	FIXED WINDOW TO DETAIL

REVISED AND PRPOSED KITCHEN AREA DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
EXISTING			
GROUND FLOOR	813.84	-----	813.84
PROPOSED			
FIRST FLOOR AREA	928.65	-----	928.65
TOTAL	1742.49	-----	1742.49

APPLICANT

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

ARCHIETECT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

STRUCTURAL ENGINEER

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ENGINEER

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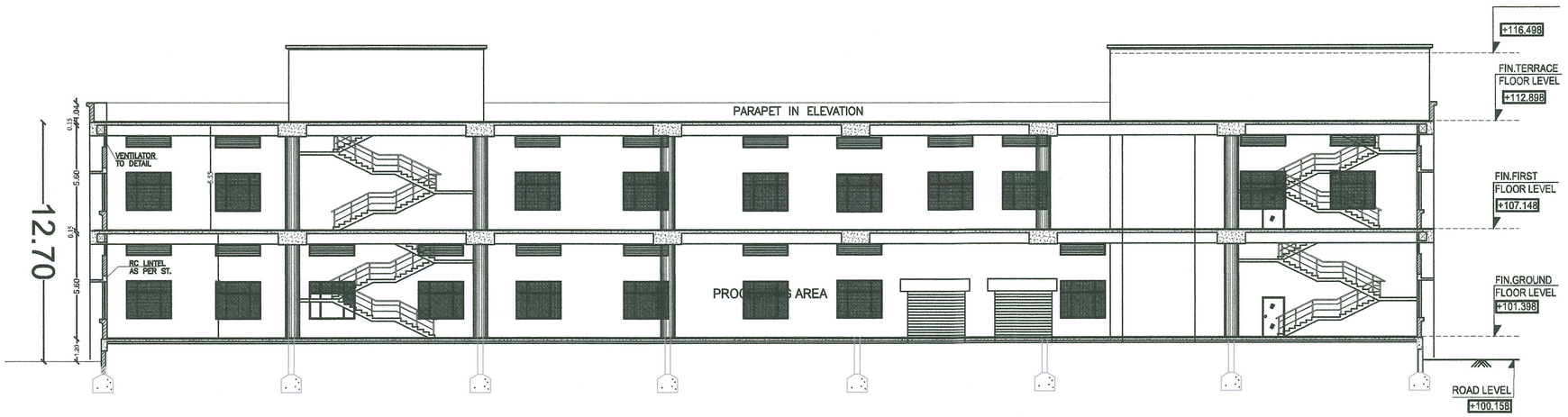
DTCP Registered Engineer
RE: 08 / 2021
RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 80949 04630



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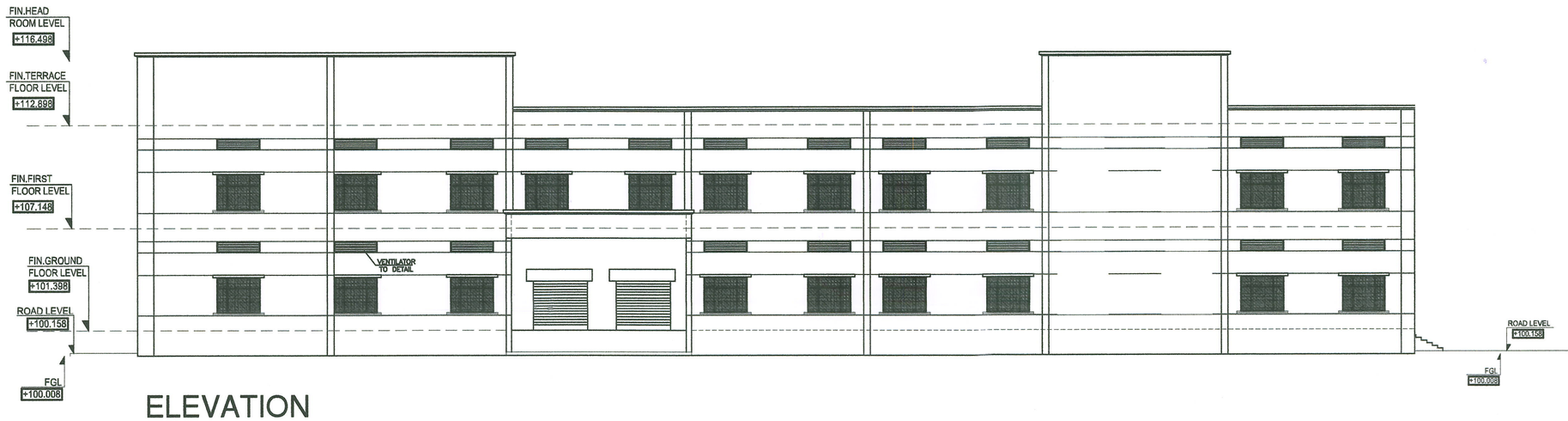

ELEVATION

PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

PROPOSED FACTORY BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA			
FACTORY-2			
GROUND FLOOR	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
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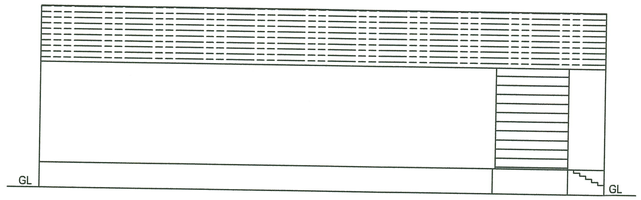
ENGINEER

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.



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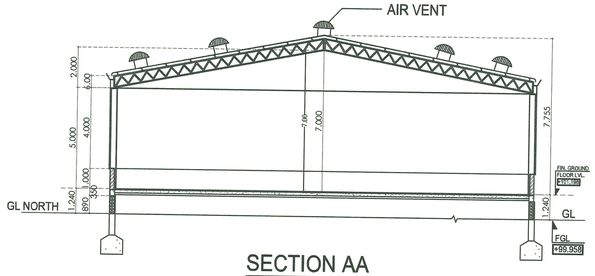

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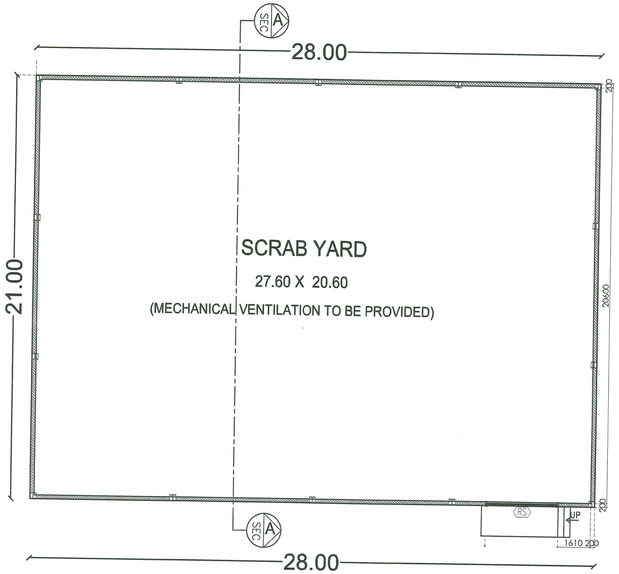

FLOOR PLAN

SCRAB YARD BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR	588.00	-----	588.00
TOTAL	588.00	-----	588.00

APPLICANT

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

ARCHIETECT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

STRUCTURAL ENGINEER

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ENGINEER

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DTCP Registered Engineer
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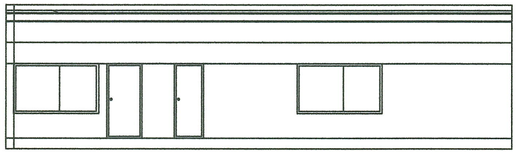
RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 98949 84630



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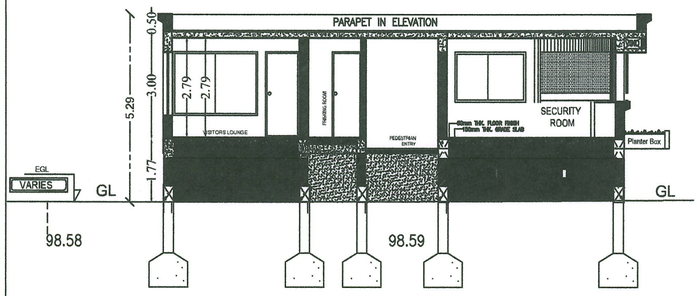

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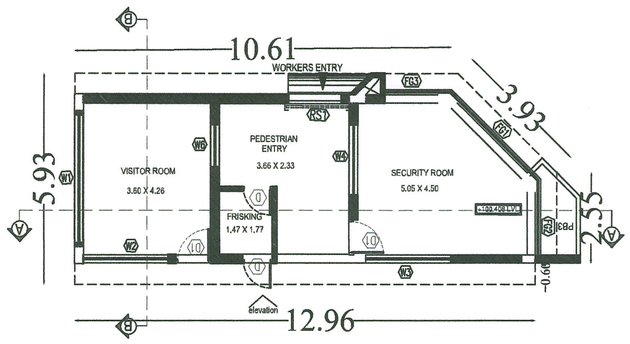
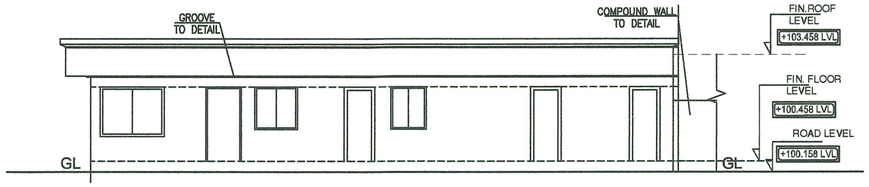


GROUND FLOOR PLAN



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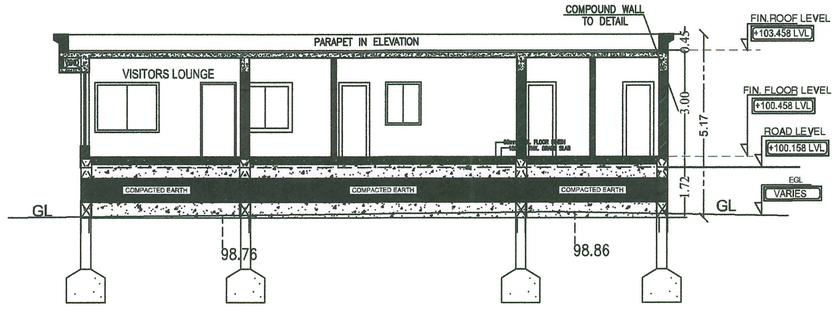
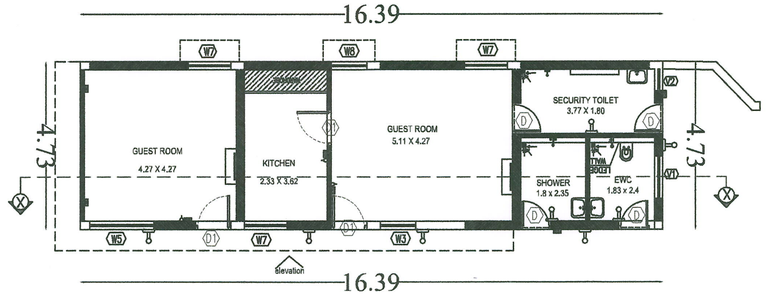


SECTION ON 'XX'



GROUND FLOOR PLAN

SCHEDULE OF JOINERY

S.NO	TYPE	OPENING SIZE	DESCRIPTION
		DOORS	
01.	D1	1000 X 2100	WOODEN FRAME WITH FLUSH DOOR
02.	RS3	1800 X 3000	ROLLING SHUTTER TO DETAIL
		WINDOWS	
01.	W3	2400 X 1400	WINDOW TO DETAIL
02.	W5	1800 X 1400	WINDOW TO DETAIL
03.	W7	1200 X 1400	WINDOW TO DETAIL
04.	W8	1000 X 1400	WINDOW TO DETAIL

PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries) FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

SECURITY COMPLEX AND GUEST ROOM

	FSI AREA	NON FSI AREA	TOTAL
SECURITY COMPLEX			
GROUND FLOOR	62.94	------	62.94
GUEST ROOM			
GROUND FLOOR	77.55	------	77.55
TOTAL	140.49	------	140.49

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory

APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630

ARCHIETECT

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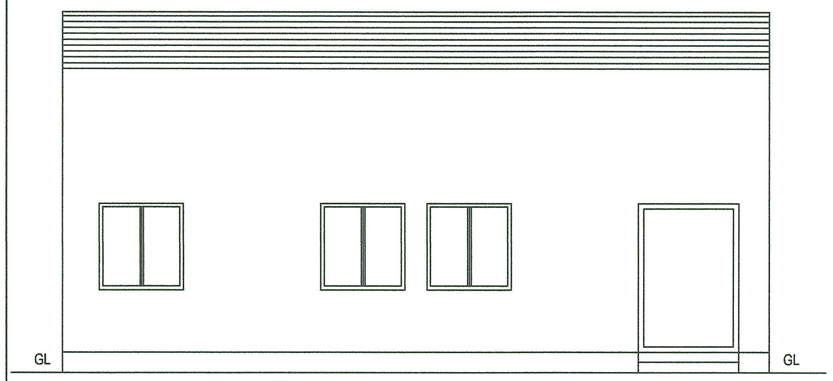
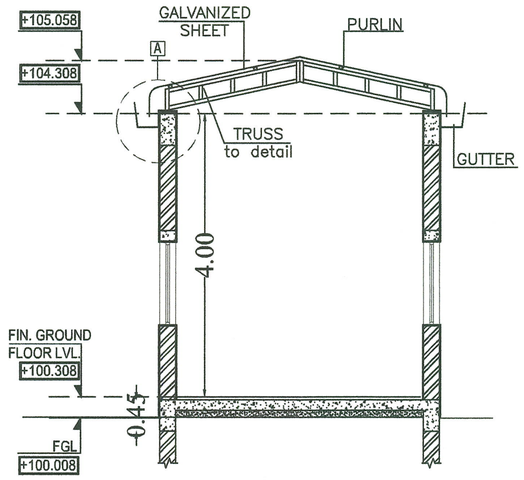
Madurai-625002. Cell: 98949 84630

ENGINEER

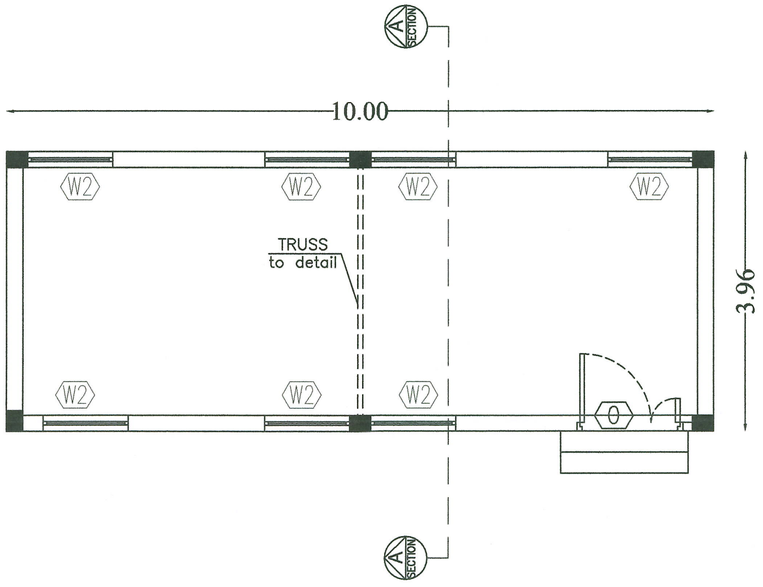
RO PLANT - PLAN



elevation



RO PLANT - SECTION - AA



PLAN SHOWING THE PROPOSEDADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT (orange industries)FOR GRB DAIRY FOODS PVT, LTD, PLOT NO : A-2 (R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt,8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT(104/2021) AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

RO PLANT BUILDING DETAILS

	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR	39.60	-----	39.60
TOTAL	39.60	-----	39.60

For GRB DAIRY FOODS PVT. LTD.,

Authorised Signatory

APPLICANT

Er. R.THIRUPATHI RAJA, BE.,
DTCP Registered Engineer
RE: 08 / 2021
RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 98949 04630

R. MANIKANDAN, M.Tech, (Structures)
Registered Structural Engineer Grade I
SE/GR-I/19/06/154 (CMDA), RSE 100692019 (GCC)
CGLRGN/SE/Gr-I/2019/09/036(DTCP)
AURA ENGINEERING CONSULTANTS
#8, 50th Street, 7th Avenue, Ashok Nagar,
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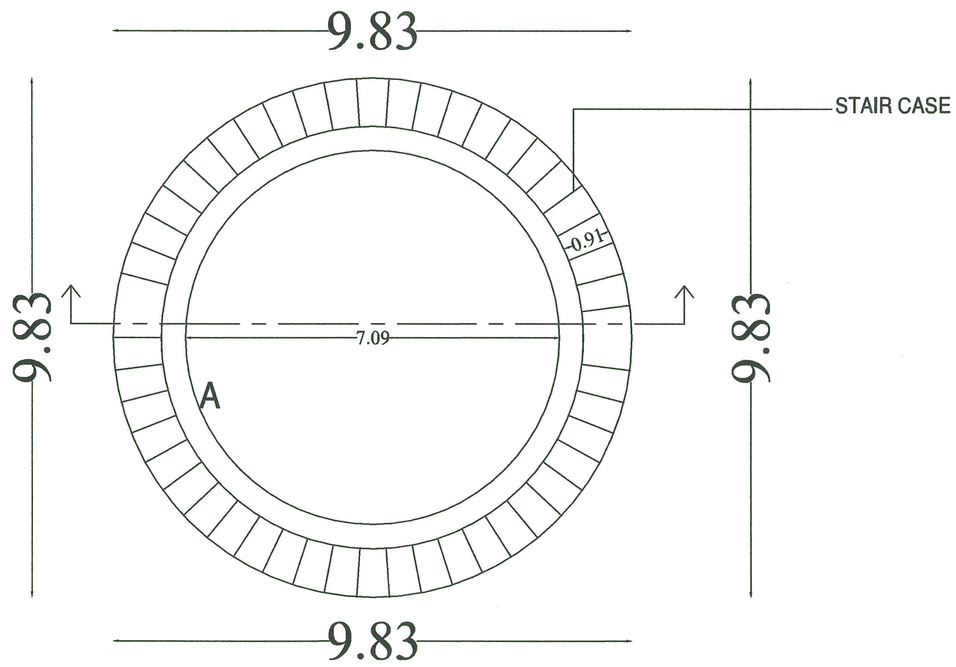
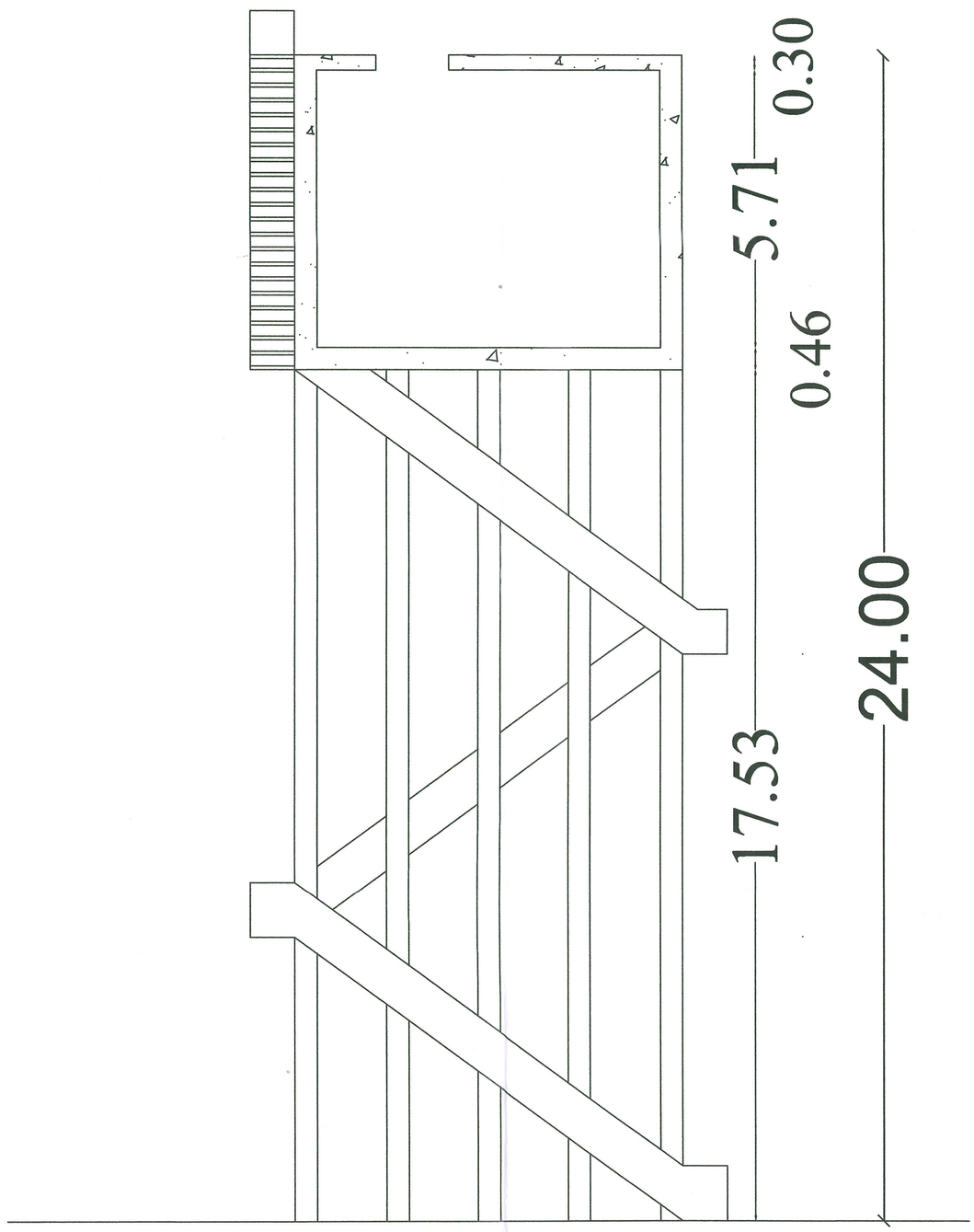
ENGINEER

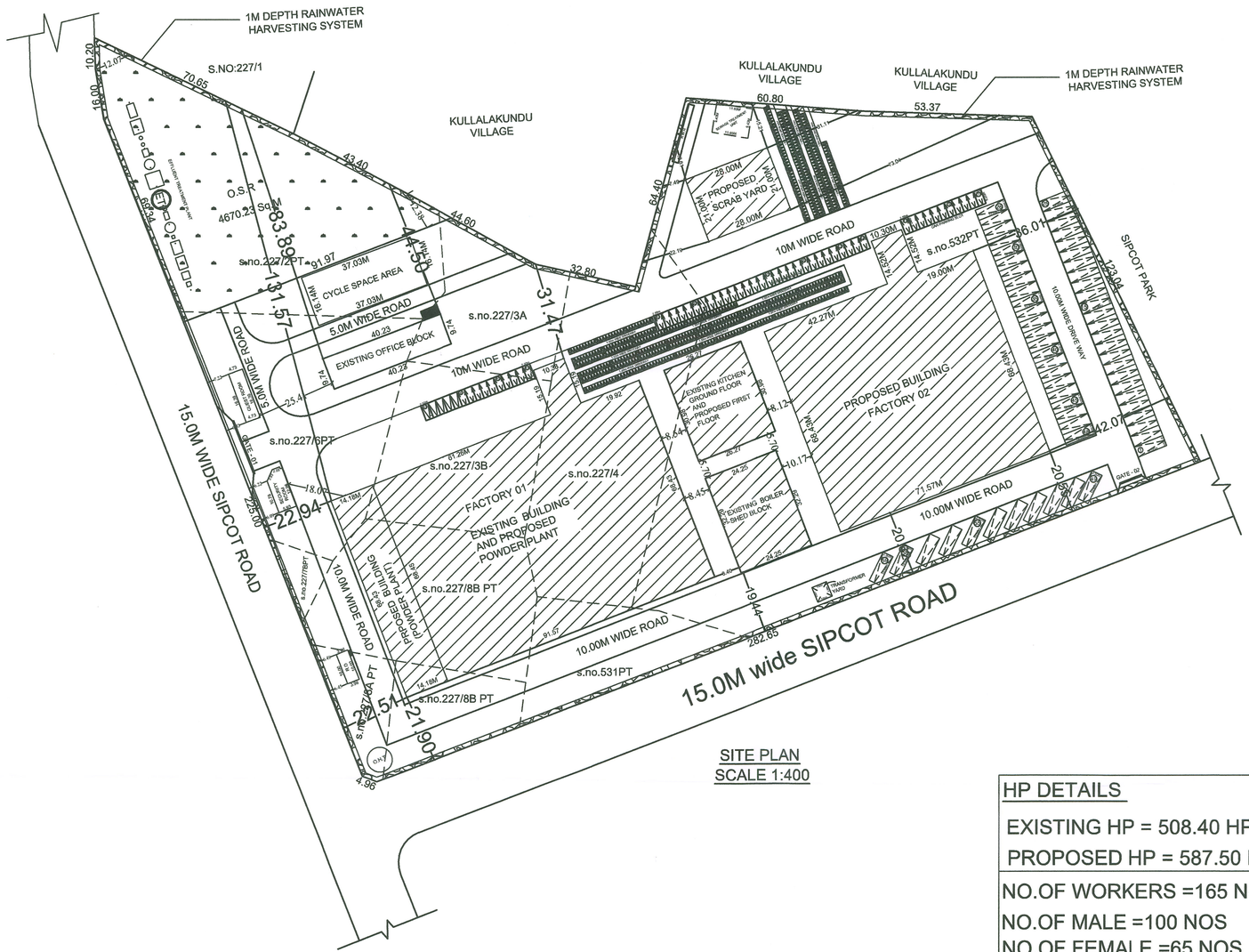
OVERHEAD WATER TANK



PLAN



SECTION ON 'AA'



SITE PLAN
SCALE 1:400

FACTORY -01 GROUND FLOOR PROPOSED HP DETAILS

SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
	HP DETAILS			
	POWER PLANT EVAPARATOR			
1-A	MILK PUMP-1	1	3	3
2-A	MILK PUMP-2	1	3	3
3-A	MILK PUMP-3	1	3	3
4-A	MILK PUMP-4	1	3	3
5-A	VACUUM PUMP-1	1	10	10
6-A	VACUUM PUMP-2	1	10	10
7-A	MILK FEED PUMP	1	5	5
8-A	MOTOR (SIFTER ROOM)	1	3	3
			TOTAL	40

FACTORY -01 FIRST FLOOR PROPOSED HP DETAILS

SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
	SWEET SECTION MACHINERY DETAILS			
	TIN RINSE			
1	TIN RINSE M/C	1	50	50
	SWEET SECTION			
2 TO 12	SWEET KETTLE	11	2	22
	CLEAN ROOM			
13 TO 16	TRAY SEALING MC	6	2	12
			TOTAL	84
	POWER PLANT DRYER			
1-B	VFBD-1-FIRST FLOOR	1	5	5
2-B	VFBD-2-FIRST FLOOR	1	5	5
3-B	MOTOR -SECOND FLOOR	1	5	5
4-B	MOTOR -1-THIRD FLOOR	1	60	60
5-B	MOTOR -2-THIRD FLOOR	1	30	30
6-B	MOTOR -3-THIRD FLOOR	1	7.5	7.5
			TOTAL	112.50

FACTORY -02 PROPOSED HP DETAILS

GHEE-MACHINERY DETAILS

SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
1 TO 4	COLD ROOM	4	25	100
5	RESIDUE ROOM & PAPER SQUEEZING ROOM	1	50	50
6 TO 9	BUTTER VAT	4	2	8
10	SELF CLEANING CLARIFIER	1	15	15
11 TO 15	GHEE STORAGE TANK	5	2	10
15 TO 20	GHEE SETTLING TANK	5	2	10
20 TO 25	GHEE BOILER TANK	5	3.2	16
26	PHE	1	7	7
			TOTAL	216

GHEE-MACHINERY DETAILS

SL NO	NAME OF MACHINES	NOS	POWER IN H.P	TOTAL POWER H.P
1 TO 6	PFS	6	10	60
7	JAR FILLING LINE	1	75	75
			TOTAL	135
			GRAND TOTAL	351

HP DETAILS

EXISTING HP = 508.40 HP

PROPOSED HP = 587.50 HP

NO.OF WORKERS =165 NOS

NO.OF MALE =100 NOS

NO.OF FEMALE =65 NOS

FACTORY -01 EXISTING HP DETAILS

Sl.No	Name of the Machines	Nos	Power In HP	Power In KW	Total HP	Total KW
	Sweets Preparation					
1	Sugar Solution Preparation Vent	1	5.5	4.1	5.5	4.1
2	Centrifugal Pump	1	2	1.5	2	1.5
3	Carbon Filter PUMP	1	5	3.7	5	3.7
4	Dow Mixer	2	2	1.5	4	3.0
5	Batch Paesutrizer Agitator	1	0.5	0.4	0.5	0.4
6	Whey water stoarge tank	2		0.0	0	0.0
7	Sweet Preparation Kettle	2	2	1.5	4	3.0
8	Sweet Cutting Machine	1	5	3.7	5	3.7
9	Gulab Jamboo Fryer	2	0.5	0.4	1	0.7
10	Rasagola Boiling Kettle	2	0	0.0	0	0.0
11	Soaking & Packing Table	5				
12	Cream Separator	2	1.5	1.1	3	2.2
13	Automatice Seaming Machine	2	5	3.7	10	7.5
14	Ball Making Machine	2	1.5	1.1	3	2.2
15	Semi Auto Mono Carton Machin	1	1	0.7	1	0.7
16	Flowrap Machine	1	4	3.0	4	3.0
17	Tray Sealing	1	2.5	1.9	2.5	1.9
18	Cup Sealing Machine	1	3	2.2	3	2.2
	Milk Processing Section					
19	SS Centrifugal Pump	1	3	2.2	3	2.2
20	Vertical milk storage tank	6	0.5	0.4	3	2.2
21	Tetra pak milk pasteurisation	1	6.7	5.0	6.7	5.0
22	Tetra pak cream separation stat	1	7.3	5.4	7.3	5.4
23	Butter Churner	1	7.5	5.6	7.5	5.6
	Paneer Section					
24	Thermoforming Machine	1	10	7.5	10	7.5
25	Double chamber vacuum packag	1	4.42	3.3	4.42	3.3
26	Hot water pump	1	3	2.2	3	2.2
27	SS Centrifugal Pump	1	5	3.7	5	3.7
28	Vertical milk storage tank	1	0.25	0.2	0.25	0.2
29	SS Centrifugal Pump	1	2	1.5	2	1.5
	CIP Section					
30	SS Centrifugal Pump - CIP	2	5	3.7	10	7.5
31	Air Compressor	1	100	74.6	100	74.6
32	Ammonia Compressor	2	60	44.8	120	89.5
33	Condenser Water Pump	1	5	3.7	5	3.7
34	IBT Agitator	1	5	3.7	5	3.7
35	Chill Water Pump	1	5	3.7	5	3.7
	Flovoured Milk Section					
36	Centrifugal Pump	1	2	1.5	2	1.5
37	Homogenizer	1	20	14.9	20	14.9
38	Packing & Seaming Machine	1	10	7.5	10	7.5
39	Shrink Tunnel	1	20	14.9	20	14.9
40	Butter Packing Machine	1	2	1.5	2	1.5
41	Lab	1	10	7.5	10	7.5
42	Butter Cold Room	2	6	4.5	12	9.0
43	Flavoured Milk Cold Room	2	5.75	4.3	11.5	8.6
44	Paneer Cold Room	2	4.6	3.4	9.2	6.9
45	Blast Freezer for Frozen SwEETS	2	4	3.0	8	6.0
46	Feed Water PUMP	2	3	2.2	6	4.5
47	Forced Draft Fan	1	3	2.2	3	2.2
48	Induced Draft Fan	1	10	7.5	10	7.5
49	Softener Pump	1	2	1.5	2	1.5
	ETP Section					
50	Blower Air Diffuser	2	5	3.7	10	7.5
51	Raw Effluent collection pump	4	1	0.7	4	3.0
52	Treated Effluent collection pum	4	2	1.5	8	6.0
53	Raw water pump to OHT	2	5	3.7	10	7.5
				TOTAL	508.4	379.2

PARKING DETAILS

TOTAL AREA OF THE BUILDING=29274.23 SQ.M

PER 500SQ.M 1 LORRY PARKING=29274.23/500 =58.5 NOS

TOTAL AREA OF THE OFFICE FLOOR =391.84 SQ.M

PER 100SQ.M 1 CAR PARKING=391.84/100 =4NOS

LORRY PARKING REQUIRED - 59

LORRY PARKING PROVIDED - 59

CAR PARKING REQUIRED - 04

CAR PARKING PROVIDED - 55

TWO WHEELER PARKING REQUIRED - 586

TWO WHEELER PARKING PROVIDED - 587

CYCLE SPACE REQUIRED= 586 SQ.M

CYCLE SPACE PROVIDED= 597.50SQ.M

OSR DETAILS

OSR REQUIRED = 4601.50 SQ.M (10.00%)

OSR PROVIDED = 4670.23 SQ.M (10.15%)

N

SITEPLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF FOOD PROCESSING UNIT(orange industries) FOR GRB DAIRY FOODS PVT. LTD, PLOT NO : A-2(R.s.no:227/2pt,3A,3B,4,5pt,6pt,7Bpt, 8Apt,8Bpt, 228pt,531pt,532pt) IN APPROVEDSIPCOT INDUSTRIAL LAYOUT (104/2021)AT PALLAPATTI VILLAGE, NILAKOTTAI PANCHAYAT UNION, DINDIGUL DISTRICT,TAMILNADU.

EXISTING APPROVED AREA DETAILS

AREA STATEMENT

PARTICULAR	SQ.MT		
SITE AREA	46014.39		
	FSI AREA	NON FSI AREA	TOTAL AREA
PLINTH AREA			
FACTORY GROUND FLOOR	6635.85	-----	6635.85
TERRACE FLOOR (NON FSI)	-----	151.49	164.82
OFFICE BUILDING GROUND FLOOR	391.84	-----	391.84
TERRACE FLOOR (NON FSI)	-----	31.67	31.67
BOILER ROOM	783.05	-----	783.05
SUBSTATION	119.25	-----	119.25
KITCHEN,DINING TOILET	813.84	-----	813.84
SECURITY CABIN - 01	20.90	-----	20.90
SECURITY CABIN - 02	9.29	-----	9.29
TOTAL	8774.02	183.16	8957.18

FACTORY-01 BUILDING DETAILS

REVISED AND PROPOSED AREA STATEMENT

DESCRIPTION	SQ.MT		
	FSI AREA	NON FSI AREA	TOTAL
PLINTH AREA FACTORY			
GROUND FLOOR	6635.85	-----	6635.85
PROPOSED GROUND FLOOR OF POWDER PLANT	621.62	-----	621.62
PROPOSEDFIRST FLOOR (FACTORY) + FIRST FLOOR OF POWDER PLANT	7257.47	-----	7257.47
PROPOSED SECOND FLOOR OF POWDER PLANT	415.08	-----	415.08
PRPOSED THIRD FLOOR OF POWDER PLANT	415.08	-----	415.08
TOTAL	15345.10	-----	15345.10

REVISED AND PROPOSED KITCHEN AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
REVISED GROUND FLOOR AREA	813.84	-----	813.84
PROPOSED FIRST FLOOR AREA	928.65	-----	928.65
TOTAL	1742.49	-----	1742.49

SCRAB YARD AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR AREA	588.00	-----	588.00

RO PLANT AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR AREA	39.60	-----	39.60

SECURITY ROOM AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR AREA	62.94	-----	62.94

GUEST ROOM AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR AREA	77.55	-----	77.55

PROPOSED FACTORY-02 AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	TOTAL
GROUND FLOOR AREA	5047.11	-----	5047.11
FIRST FLOOR AREA	5047.11	-----	5047.11
TOTAL	10094.22	-----	10094.22
GRAND TOTAL	27949.90	-----	27949.90

FSI

EXISTING BUILTUP AREA+REVISED AND PROPOSED BUILTUP AREA

SITE AREA

$= \frac{1294.14+27949.90}{46014.80}$

$= \frac{29244.04 \text{ SQ.M}}{46014.80}$

$= 0.63 < 1.50$

For GRB DAIRY FOODS PVT. LTD.,
Authorised Signatory
APPLICANT

C.S.VENKATESH
REGISTERED ARCHITECT
Reg. No. CA/2007/41040
Mob : 9894984630
ARCHIETECT

R. MANIKANDAN, M.Tech, (Structures)
Registered Structural Engineer Grade I
SE/GR-I/19/06/154 (CMDA), RSE 100692019 (GCC)
CGLRGN/SE/Gr-I/2019/09/036(DTCP)
AURA ENGINEERING CONSULTANTS
#8, 50th Street, 7th Avenue, Ashok Nagar,
Chennai - 600 083. Ph: 9790751378
STRUCTURAL ENGINEER

Er. R.THIRUPATHI RAJA,BE.,
DTCP Registered Engineer
RE: 08 / 2021
RENGA PLANNERS PVT. LTD.
Shop No.1, Kallalagar Complex,
Alagar Kovil Main Road, Tallakulam
Madurai-625002. Cell: 98949 64630
ENGINEER

Signature Not Verified
Signed by Kalaiyarasan Panchayat President
Location:Dindigul
Date:2025.01.02 19:55:23