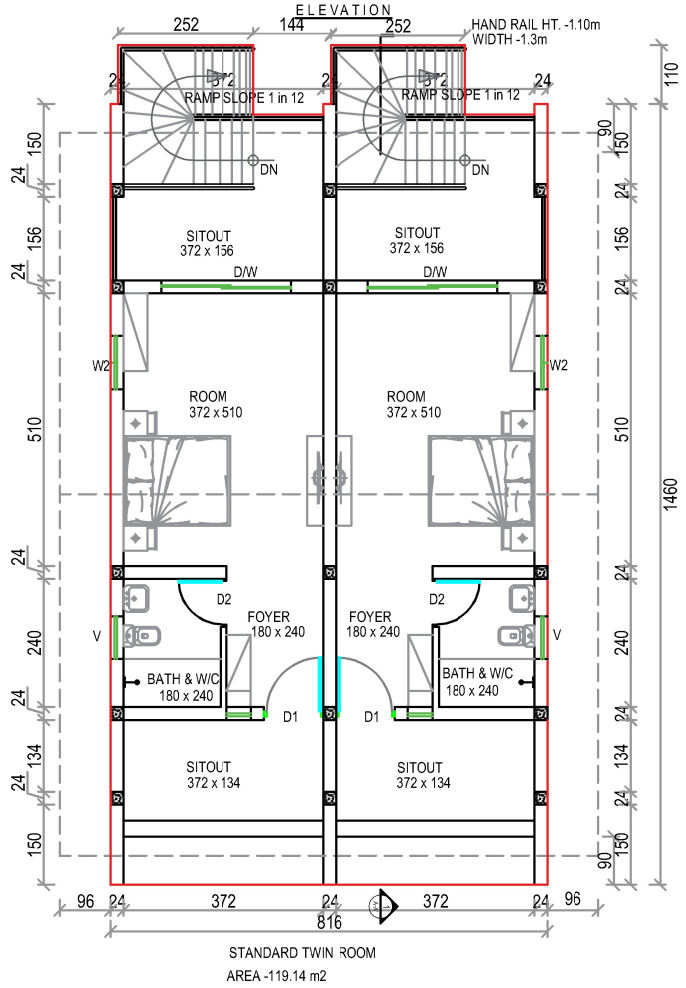
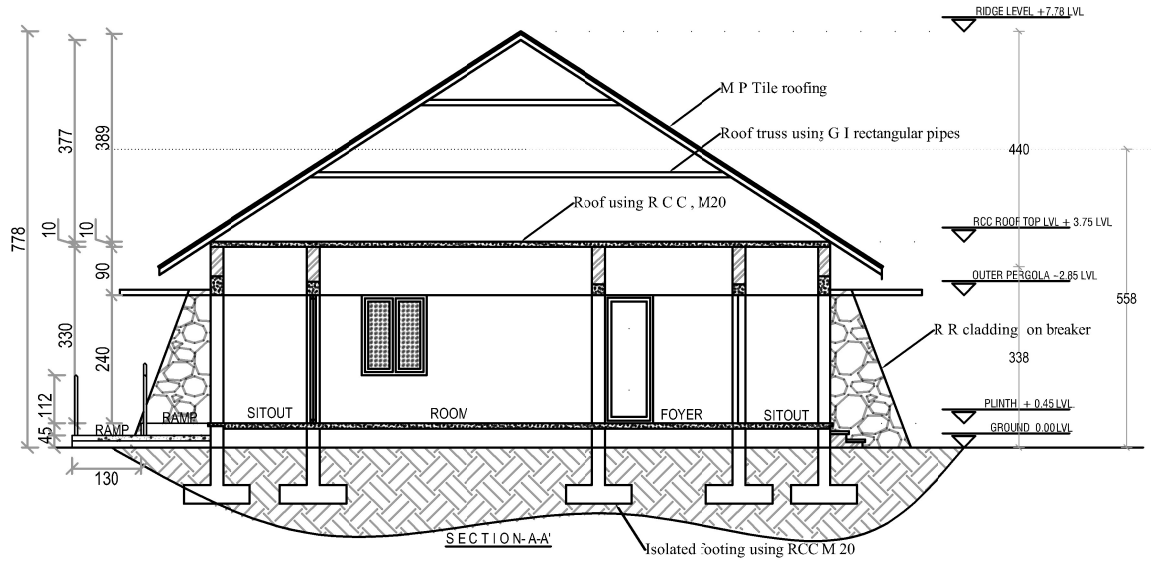
Sl.26-35 | REGULARISATION OF EXISTING BUILDINGS AND PROPOSED NEW BUILDINGS AT MANNAM AYURVEDA CO-OPERATIVE MEDICAL COLLEGE CAMPUS AT PANDALAM MUNCIPALITY



ELEVATION



STANDARD TWIN ROOM
AREA -119.14 m2



SECTION-A-A'

PLAN, SECTION & ELEVATION
SCALE 1:100

SCHEDULE OF JOINERY			
DOORS	DESCRIPTION	SIZE	No.
D	PANELED DOOR	110 x 240	2
D2	U P V C DOOR	80 x 240	2
D/W	U P V C DOOR CUM WINDOW	240 x 240	2
WINDOWS			
W2	FULLY GLAZED WINDOW	120 x 150	2
W1	FULLY GLAZED WINDOW	40 x 150	2
VENTILATORS			
V	U P V C VENTILATOR	80 x 60	2

SPECIFICATIONS
FOUNDATION-Isolated footing using R C C M20
PLINTH BEAM - R C C , M20
FLOORING - Using P C C 1:2:4 10 cm thick
WALLS - Using Cement concrete blocks 30 x 20 x 20 cm size blocks in cement mortar 1:6
ROOF - Using R C C M20, 12 cm thick as per design
ROOF Covering - Using M P tiles on rectangular G I tubes as per design
Plastering - Walls using cement mortar 1:4 12 mm thick
Plastering - Ceiling using cement mortar 1:3, 9 mm thick

Building	Occupancy	Building Number	Area of existing portion authorised / Area to be regularised / Proposed	Built-up Area in Sq m GF	Floor Area in Sq m GF	Coverage Area in Sq m
Standard Twin Room	Group - F		Proposed Building	124.17	98.04	124.17

TOTAL AREA OF TWIN ROOM - 124.17Sq m
TOTAL NUMBER OF TWIN ROOM BLOCKS - 10
TOTAL NUMBER OF ROOMS - 20 No.
TOTAL AREA OF ROOMS - 1241.70 Sq m

A2

EAST
NORTH

NOTES
● All dimensions in centimeters unless otherwise specified

PURPOSE | Verified by
- ■ FOR APPROVAL
- ☐ FOR CONSTRUCTION
- ☐ FOR REFERENCE
- ☐ FOR ESTIMATION

No.	DATE	REVISION

DRAWING TITLE

STANDARD TWIN ROOM PLAN

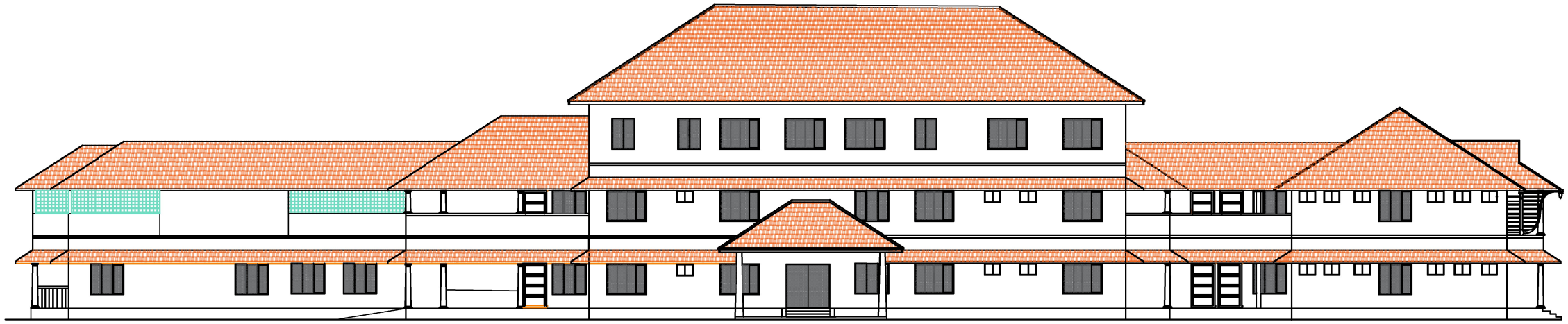
SCALE:1:100
All Dimensions are in cm

26-35. PROPOSED CONSTRUCTION OF STANDARD TWIN ROOM PLAN

APPLICANT	LAND DETAILS	APPENDIX – J1 CERTIFICATE	APPENDIX – J2 CERTIFICATE
NAME : DIRECTOR	RE-SURVEY NO : 609, BLOCK -1	Certified that: (i) the plot boundaries, measurements and other details shown in the site plan are correct and (ii) the drawings are in conformity with the provisions of the Master Plan/Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iii) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules, 2019 and other applicable statutes.	Certified that: (i) the document(s) in support of the ownership of the plot has/have been verified and that the applicant (s) has/have every right of construction in this plot; (ii) the plot boundaries, measurements and other details shown in the site plan have been verified at site and found correct and (iii) the drawings are in conformity with the provisions of the Master Plan/ Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iv) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules,2019 and other applicable statutes.. (Signature) ..... MunicipalCorporation / Municipal Council / Town Panchayat Office Seal
ADDRESS : Mannam Ayurveda Co-operative	OLD-SURVEY NO :393,398,399,412,413,414,423,424,425		
: - Medical College Hospital	EXTEND OF LAND : 33.2850 Hectares		
(A unit of Mannam Sugar Mills)	VILLAGE : Pandalam		
Pandalam -689501	MUNCIPALITY : Pandalam		
SIGNATURE OF APPLICANT	WARD : 27		
	TALUK : Adoor		
	DISTRICT : Pathanamthitta		
	STATE : Kerala		

SL. 41

REGULARISATION OF EXISTING BUILDINGS AND PROPOSED NEW BUILDINGS AT MANNAM AYURVEDA CO-OPERATIVE MEDICAL COLLEGE CAMPUS AT PANDALAM MUNCIPALITY

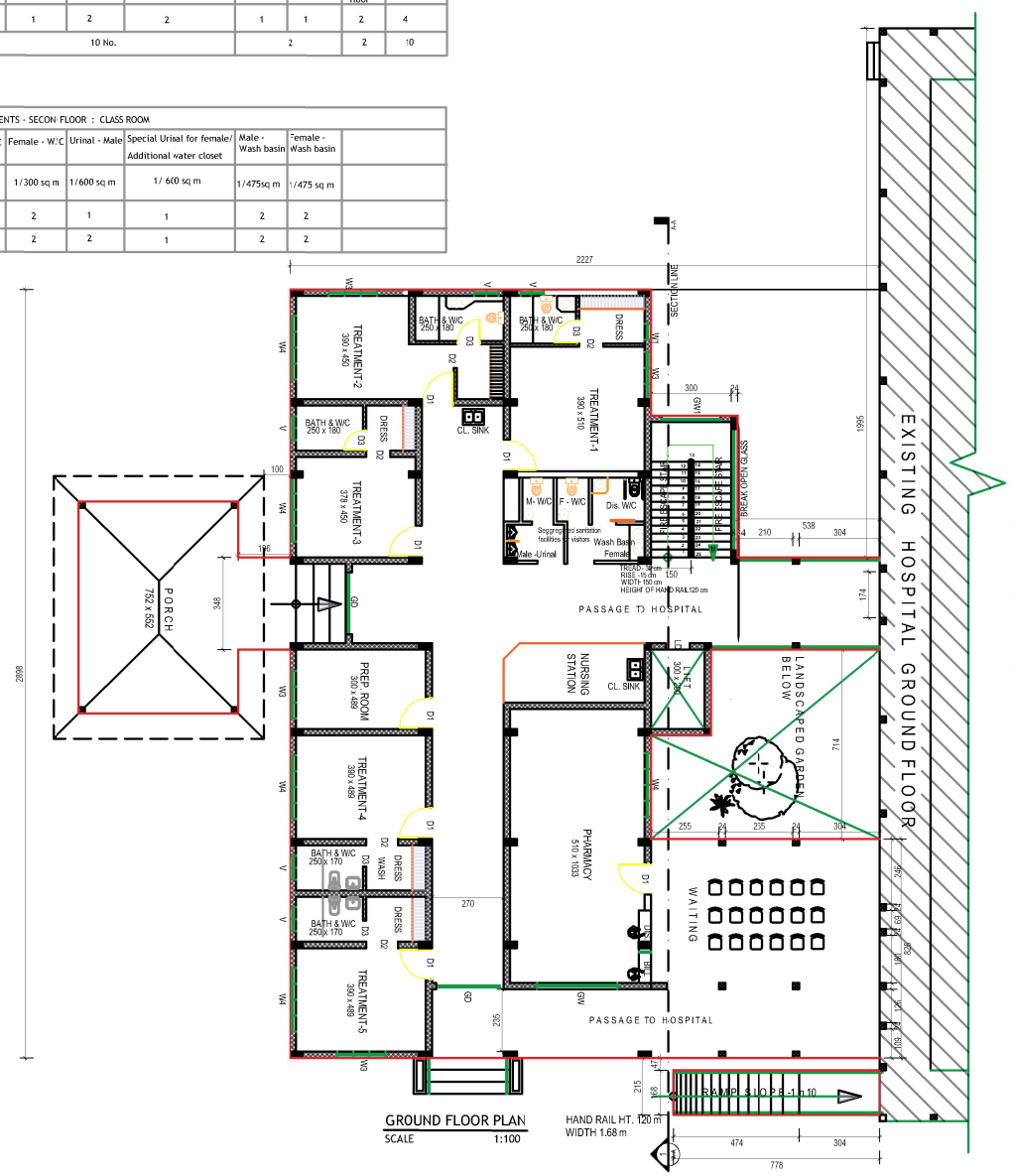


SOUTH SIDE ELEVATION

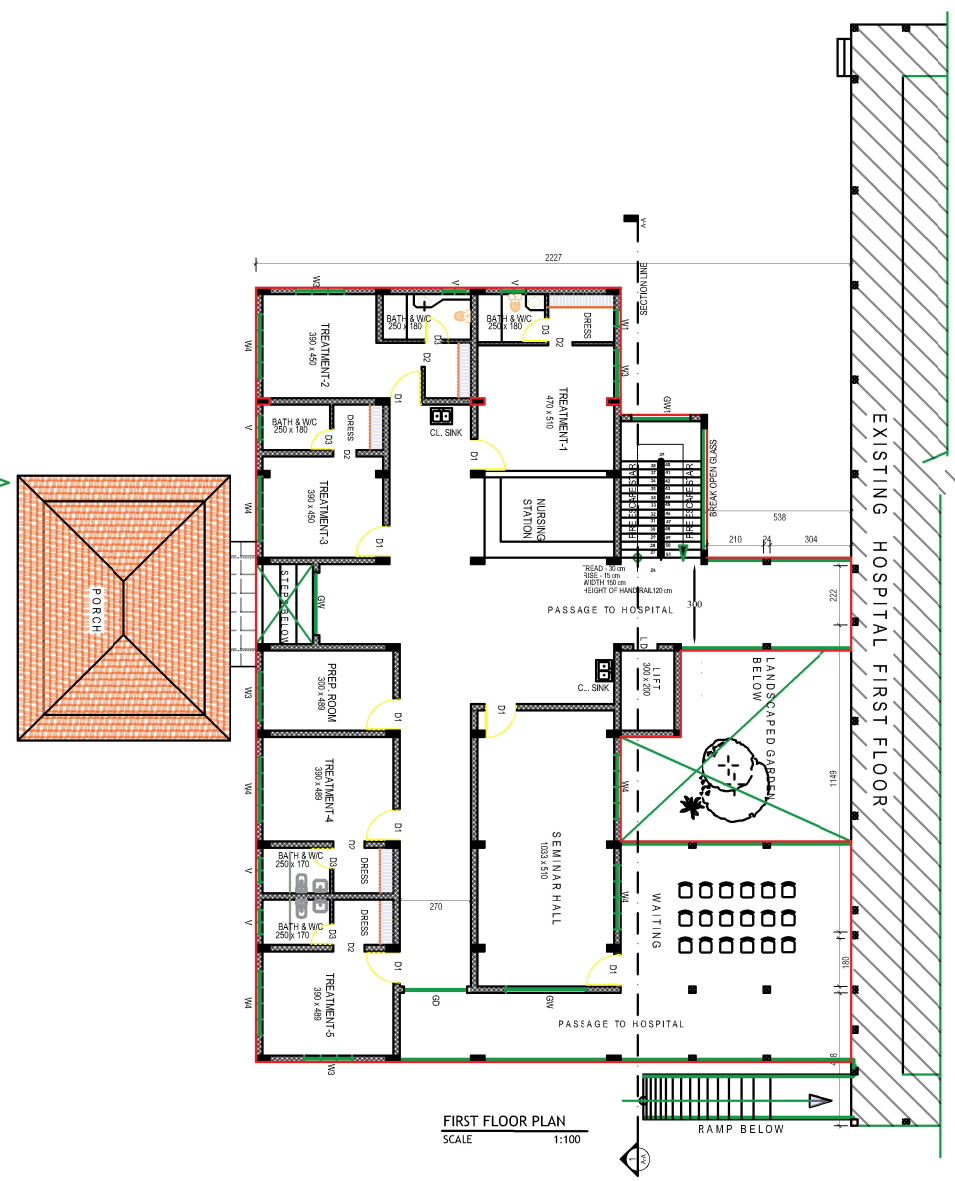
SANITATION REQUIREMENTS - EXTENSION TO THE HOSPITAL BUILDING [OP Area in the GF anc FF]								
Occupancy-C	Male - W/C	Female - W:C	Urinal - Male	Special Urinal for female/ Additional water closet	Male - Wash basin	Female - Wash basin	Cleaners sink	Water Tap in the vicinity of watercloset & Urinals
Floor Area-sf GF & FF 1056.34 sq m	1/1200 sq m	1/1200 sq m	1/600 sq m	1/ 600 sq m	1/1200sq m	1/1200 sq m	1 per floor	1/300 sq m
Total Required	1	1	2	2	1	1	2	4
Provided	10 No.				2		2	10

SANITATON REQUIREMENTS - SECON FLOOR : CLASS ROOM							
Occupancy-C	Male - W/C	Female - W:C	Urinal - Male	Special Urinal for female/ Additional water closet	Male - Wash basin	Female - Wash basin	
Floor Area-sf GF & FF 1056.34 sq m	1/475 sq m	1/300 sq m	1/600 sq m	1/ 600 sq m	1/475sq m	1/475 sq m	
Total Required	2	2	1	1	2	2	
Provided	2	2	2	1	2	2	

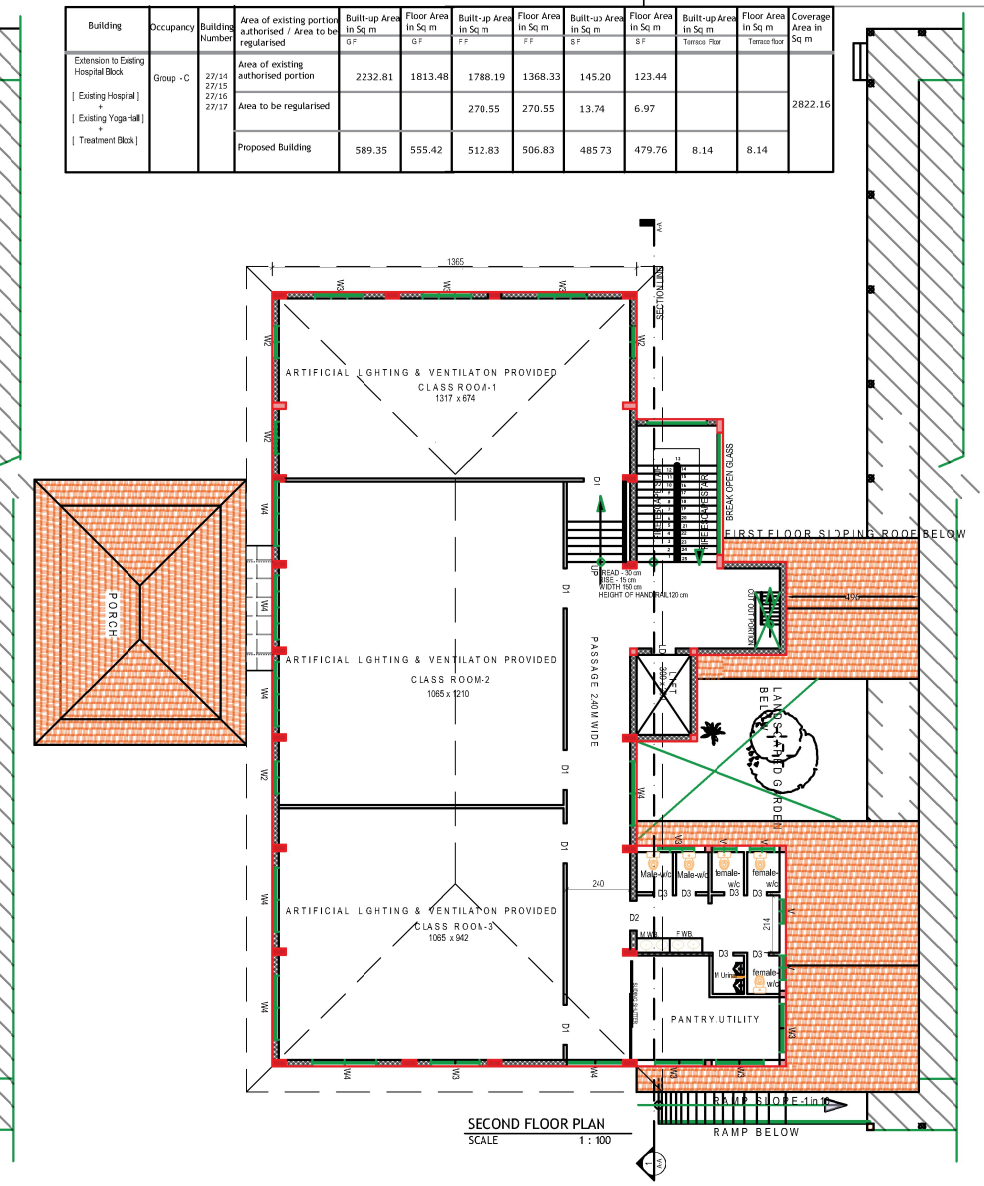
Building	Occupancy	Building Number	Area of existing portion authorised / Area to be regularised	Built-up Area in Sq m G F	Floor Area in Sq m G F	Built-up Area in Sq m F F	Floor Area in Sq m F F	Built-up Area in Sq m S F	Floor Area in Sq m S F	Built-up Area in Sq m Terrace Floor	Floor Area in Sq m Terrace floor	Coverage Area in Sq m
Extension to Exsting Hospital Block [Existing Hospital] + [Existing Yoga-hall] + [Treatment Blck]	Group - C	27/14 27/15 27/16 27/17	Area of existing authorised portion	2232.81	1813.48	1788.19	1368.33	145.20	123.44			2822.16
			Area to be regularised			270.55	270.55	13.74	6.97			
			Proposed Building	589.35	555.42	512.83	506.83	485 73	479.76	8.14	8.14	



GROUND FLOOR PLAN
SCALE 1:100



FIRST FLOOR PLAN
SCALE 1:100



SECOND FLOOR PLAN
SCALE 1 : 100

41.[A] EXTENSION TO EXISTING HOSPITAL BLOCK - (Existing authorised portion of Hospital + Area to be regularised + Proposed portion)

APPLICANT	LAND DETAILS	APPENDIX – J1 CERTIFICATE	APPENDIX – J2 CERTIFICATE
NAME : DIRECTOR	RE-SURVEY NO : 509, BLOCK -1	Certified that: (i) the plot boundaries, measurements and other details shown in the site plan are correct and (ii) the drawingsare in conformity with the provisions of the Master Plan/Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iii) the drawingsare in conformity with the provisions of the Kerala Municipality Building Rules, 2019 and other applicablestatutes.	Certified that: (i) the document(s) in support of the ownership of the plot has/have been verified and that the applicant (s)has/have every right of construction in this plot. (ii) the plot boundares, measurements and otherdetails shown in the site plan have been verified at site and found correct and (iii) the drawings are in conformity with the provisons of the Master Plan/ Detailed Town Planning Scheme/Interim Development Order as applicable under the Kerala Town and Country Planning Ac 2016. (iv) the drawings are in conformity with the provisons of the Kerala Municipality Building Rules,2019 and other applicable statutes. (Signature) ..... MunicipalCorporation / Municipal Council / Town Panchayat Office Seal
ADDRESS : Mannam Ayurveda Co-operative	OLD-SURVEY NO:393,398,399,412,413,414,423,424,425		
: - Medical College Hospital	EXTEND OF LAND : 33.2850 Hectares		
(A unt of Mannam Sugar Mills)	VILLAGE : Pandalam		
Pandalam -689501	MUNCIPALITY : Pandalam		
SIGNATURE OF APPLICANT	WARD : 27		
	TALUK : Adoor		
	DISTRICT : Pathanamthitta		
	STATE : Kerala		

A0

NORTH

EAST

EAST

NOTES

- All dimensions in centimeters unless otherwise specified

PURPOSE	Verified by
■ FOR APPROVAL	
☐ FOR CONSTRUCTION	
☐ FOR REFERENCE	
☐ FOR ESTIMATION	

No.	DATE	REVISION

DRAWING TITLE

TREATMENT BLOCK

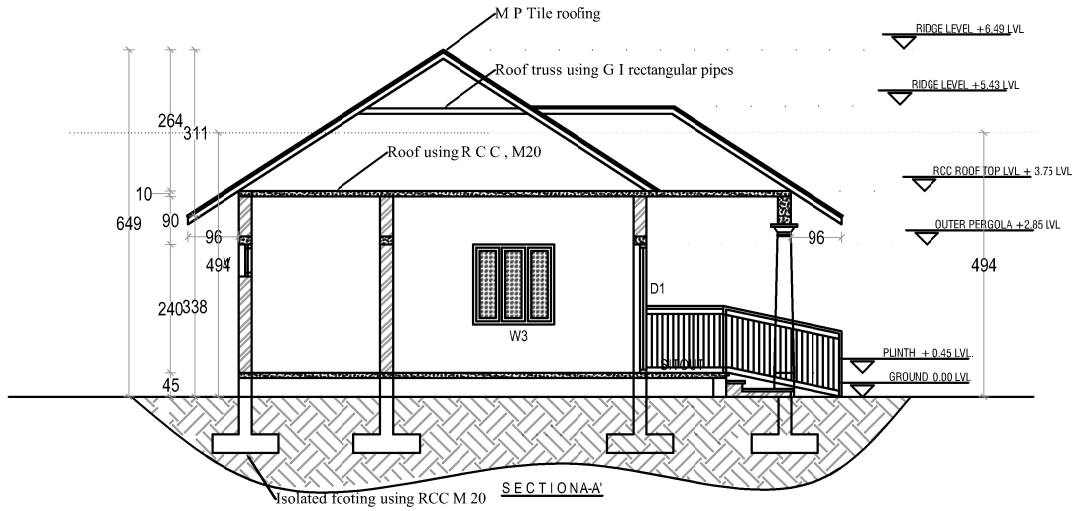
SCALE:1:100

All Dimensions are in cm

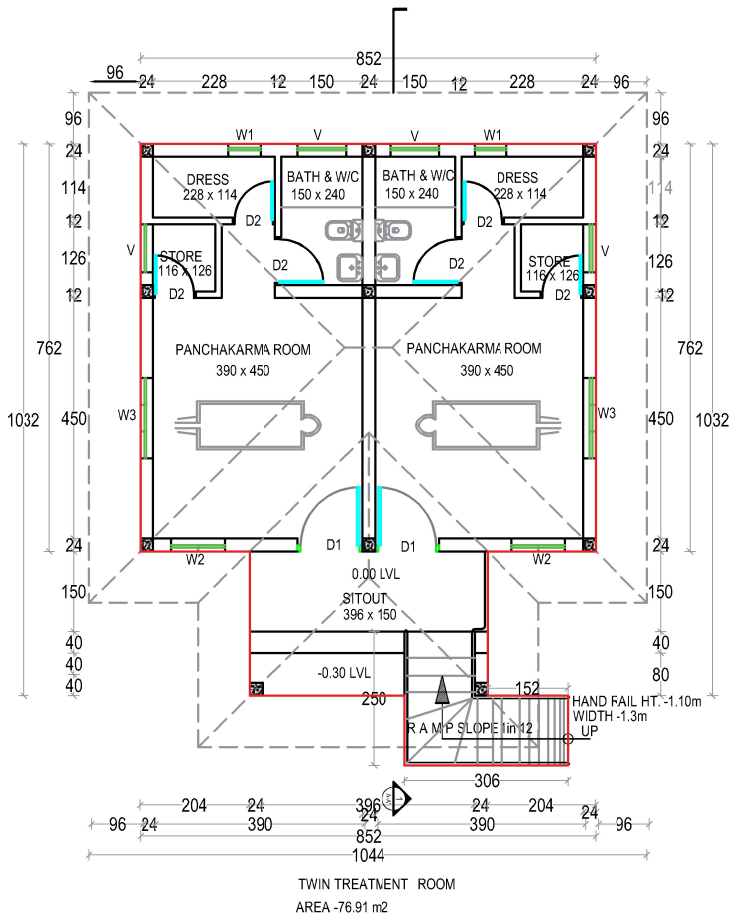
Sl.36-40 | REGULARISATION OF EXISTING BUILDINGS AND PROPOSED NEW BUILDINGS AT MANNAM AYURVEDA CO-OPERATIVE MEDICAL COLLEGE CAMPUS AT PANDALAM MUNCIPALITY



ELEVATION



SECTION A-A'



PLAN, SECTION & ELEVATION

SCALE 1:100

SCHEDULE OF JOINERY			
DOORS	DESCRIPTION	SIZE	No.
D	PANELED DOOR	120 x 240	2
D2	U P V C DOOR	80 x 240	6
WINDOWS			
W3	FULLY GLAZED WINDOW	150 x 150	2
W2	FULLY GLAZED WINDOW	120 x 150	2
W1	FULLY GLAZED WINDOW	60 x 150	2
VENTILATORS			
V	U P V C VENTILATOR	80 x 60	2

SPECIFICATIONS
FOUNDATION-Isolated footing using R C C M20
PLINTH BEAM - R C C , M20
FLOORING - Using P C C 1:2:4 10 cm thick
WALLS - Using Cement concrete blocks
30 x 20 x 20 cm size blocks in cement mortar 1:6
ROOF - Using R C C M20, 12 cm thick as per design
ROOF Covering - Using M P tiles on rectangular G I tubes as per design
Plastering - Walls using cement mortar 1:4 12 mm thick
Plastering - Ceiling using cement mortar 1:3, 9 mm thick

Building	Occupancy	Building Number	Area of existing portion authorised / Area to be regularised/ Proposed	Built-up Area in Sq m (G F)	Floor Area in Sq m (G F)	Coverage Area in Sq m
Twin Treatment Room	Group - F		Proposed Building	80.88	72.91	80.88

TOTAL AREA OF 1 TWIN ROOM BLOCK - 80.88 Sq m

TOTAL NUMBER OF TWIN ROOM BLOCKS - 5

TOTAL NUMBER OF ROOMS - 10

TOTAL AREA OF 10 TWIN ROOMS - 404.4 Sq m

A2

EAST / NORTH

NOTES

- All dimensions in centimeters unless otherwise specified

PURPOSE	Verified by
■ FOR APPROVAL ☐ FOR CONSTRUCTION ☐ FOR REFERENCE ☐ FOR ESTIMATION	

No.	DATE	REVISION

DRAWING TITLE

TWIN TREATMENT ROOM PLAN

SCALE:1:100

All Dimensions are in cm

36-40. PROPOSED CONSTRUCTION OF TWIN TREATMENT ROOM PLAN

APPLICANT	LAND DETAILS	APPENDIX – J1 CERTIFICATE	APPENDIX – J2 CERTIFICATE
NAME : DIRECTOR	RE-SURVEY NO : 609, BLOCK -1	Certified that: (i) the plot boundaries, measurements and other details shown in the site plan are correct and (ii) the drawings are in conformity with the provisions of the Master Plan/Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iii) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules, 2019 and other applicable statutes.	Certified that: (i) the document(s) in support of the ownership of the plot has/have been verified and that the applicant (s) has/have every right of construction in this plot; (ii) the plot boundaries, measurements and other details shown in the site plan have been verified at site and found correct and (iii) the drawings are in conformity with the provisions of the Master Plan/ Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iv) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules,2019 and other applicable statutes.. (Signature) ..... MunicipalCorporation / Municipal Council / Town Panchayat Office Seal
ADDRESS : Mannam Ayurveda Co-operative	OLD-SURVEY NO :393,398,399,412,413,414,423,424,425		
: - Medical College Hospital	EXTEND OF LAND : 33.2850 Hectares		
(A unit of Mannam Sugar Mills)	VILLAGE : Pandalam		
Pandalam -689501	MUNCIPALITY : Pandalam		
SIGNATURE OF APPLICANT	WARD : 27		
	TALUK : Adoor		
	DISTRICT : Pathanamthitta		
	STATE : Kerala		

SL. 41

REGULARISATION OF EXISTING BUILDINGS AND PROPOSED NEW BUILDINGS AT MANNAM AYURVEDA CO-OPERATIVE MEDICAL COLLEGE CAMPUS AT PANDALAM MUNCIPALITY

A0

NORTH EAST

EAST

NOTES

- All dimensions in centimeters unless otherwise specified

PURPOSE	Verified by
■ FOR APPROVAL	
☐ FOR CONSTRUCTION	
☐ FOR REFERENCE	
☐ FOR ESTIMATION	

No.	DATE	REVISION

DRAWING TITLE

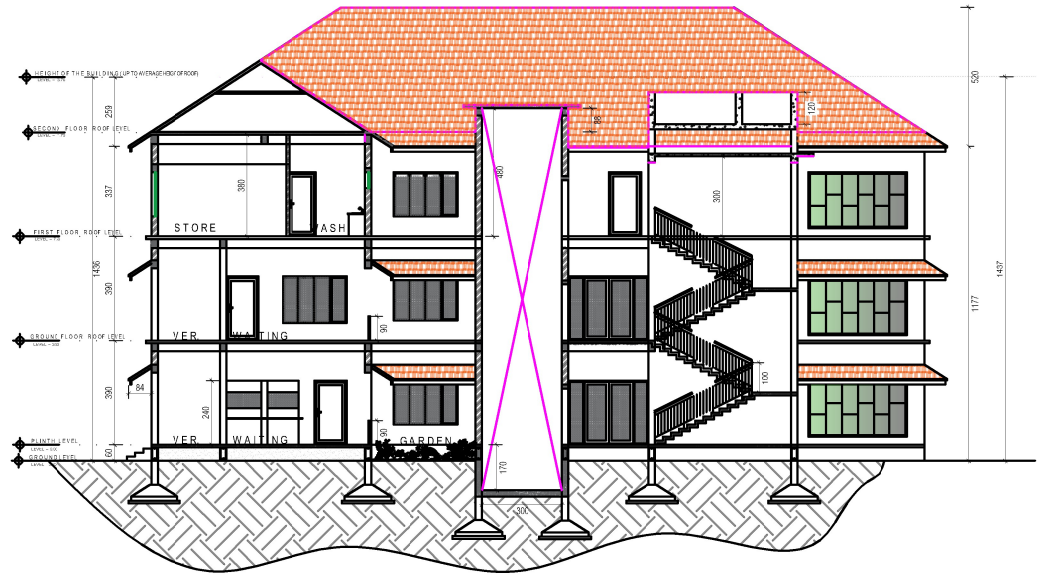
TREATMENT BLOCK

SCALE:1:100

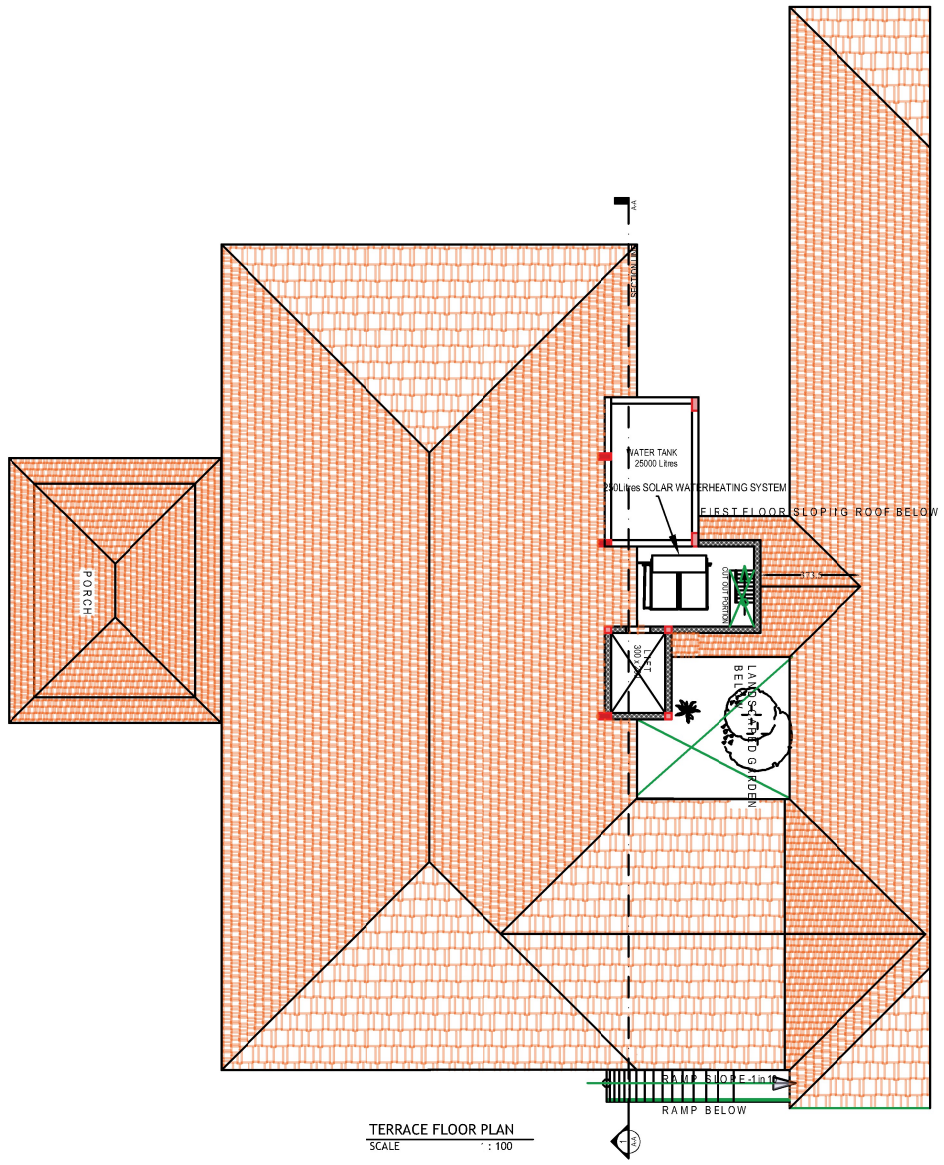
All Dimensions are in cm



ELEVATION

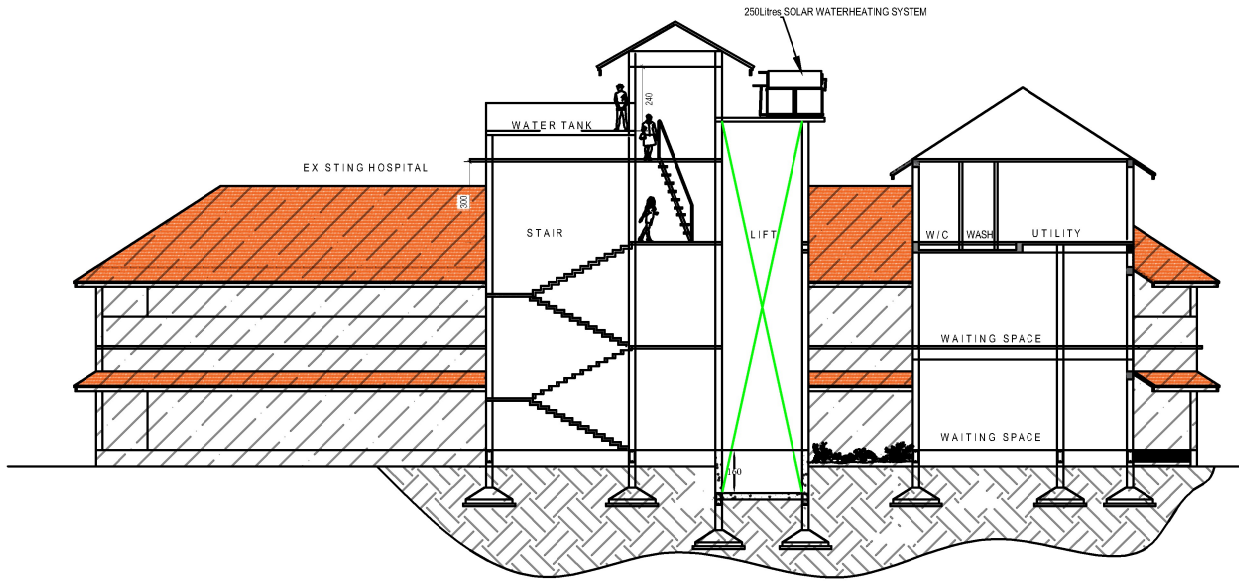


SECTION THROUGH LIFT & STAIRCASE - (VIEW TO NEW TREATMENT BLOCK)



TERRACE FLOOR PLAN

SCALE : 100



SECTION THROUGH LIFT & STA RCASE - (VIEW TO EXISTING HOSPITAL)

SCHEDULE OF JOINERY
DOORS
D - 120 x 210 cm WOODEN PANELLED DOOR - 1 No.
D1 - 90 x 210 cm WOODEN PANELLED DOOR - 6 No.
D2 - 80 x 210 cm FIBRE DOOR - 5 No.
WINDOWS & VENTILATORS
W2 - 100 x 150 cm GLAZED WINDOW - 6 No.
V - 90 x 60 cm GLAZD VENTILATOR - 5 No.
W M - 200 x 155 cm WELDED MESH FRAMES
SPECIFICATIONS
FOUNDATION - R R MASONRY IN CEMENT MORTAR 1:6 - 60 x 60 cm
BASEMENT - R R MASORRY IN CEMENT MORTAR 1:6 - 45 x 45 cm
WALLS - CONCRETE BRICK MASONRY IN C M 1:6 - 15 cm THICK
ROOF - M P TILES ON SYP WOODEN RAFTERS & RCC ROOF SLABS VIRANDAH
FLOOR - CEMENT CONCRETE 1:4:8 10 CM THICK
FLOOR FINISH - CEMENT MORTAR PLASTERING 1:4 , 12 MM THICK

Building	Occupancy	Building Number	Area of existing portion authorised / Area to be regularised	Built-up Area in Sq m G F	Floor Area in Sq m G F	Built-up area in Sq m F F	Floor Area in Sq m F F	Built-up Area in Sq m S F	Floor Area in Sq m S F	Built-up Area in Sq m Terrace Floor	Floor Area in Sq m Terrace floor	Coverage Area in Sq.m
Extension to Existing Hospital Block [Existing Hospital] + [Existing Yoga Hall] + [Treatment Block]	Group - C	27/14 27/15 27/16 27/17	Area of existing authorised portion	2232.81	1813.48	1788.19	1368.33	145.20	123.44			2822.16
			Area to be regularised			270.55	270.55	13.74	6.97			
			Propsed Building	589.35	555.42	512.83	506.83	485.73	479.76	8.14	8.14	

SEGREGATED SANITATION FACILITIES REQUIREMENTS- EXTENSION TO THE HOSPITAL BUILDING [OP Area in the GF and FF]

Occupancy- C	WC - Male	WC - Female	Urinal- Male	Wash Basin - Male	Wash Basin- Female	WC for differently Abled person	Wash Basin for Differently Abled person Female
Floor Area of GF and FF- 1056.34 Sq.m	1/1200 Sqm	1/1200 Sqm	1/600 Sqm	1/1200 Sqm	1/1200 Sqm		
Total Required as per Table 14	1	1	2	1	1	Minimum 1	Minimum 1
Segregated Sanitation Facilities required -10% of the above values	1	1	1	2	1	1	1
Segregated Sanitation Facilities provided	1	1	2	1	3	1	1

CALCULATION OF SOLAR ENERGY INSTALLATION

Combined Solar Energy Plant is provided for the entire Hoapital building and Ladies Hostel and installing on the roof of Ladies Hostel

Building Number	Building	Occupancy	Total built up Area in Sq.m	Solar energy installation to be provided per Sq.m of Built up area	Capacity Solar energy installation in Kv to be provided	Capacity of Solar energy installation provided in Kv
2	Ladies Hostel	Group A2	2295.93	0.0027	6.20	80.00
41	Extension to Existing Hospital Block [For Existing Hospital Building + Existing Yoga Hall to be regularized+ Proposed Treatment Block]	Group C	6046.54	0.0033	19.95	
Total					26.15	80.00

SOLAR ENERGY CAPACITY - 80 Kv SOLAR PANEL HAVING TOTAL AREA OF 208.12 Sq m PROVIDED OVER LADIES HOSTEL FIRST FLOOR ROOF

SOLAR WATER HEATING SYSTEM (Required)- 25 Litres x Number of Bathrooms ie 25 x 10 = 250 Litres
SOLAR WATER HEATING SYSTEM (Provided) = 250 Litres

41.[B] EXTENSION TO EXISTING HOSPITAL BLOCK - (Existing authorised portion of Hospital + Area to be regularised + Proposed portion)

APPLICANT	LAND DETAILS	APPENDIX – J1 CERTIFICATE	APPENDIX – J2 CERTIFICATE
NAME : DIRECTOR	RE-SURVEY NO : 609, BLOCK -1		
ADDRESS : Mannam Ayurveda Co-operative -	OLD-SURVEY No :393,398,399,412,413,414,423,424,425	Certified that: (i) the plot boundaries, measurements and other details shown in the site plan are correct and (ii) the drawings are in conformity with the provisions of the Master Plan/Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iii) the drawings are in conformity with the povisions of the Kerala Municipality Building Rules, 2019 an d other applicable statutes.	Certified that: (i) the document(s) in support of the ownership of the plot has/have been verified and that the applicant (s)/has/have every right of construction in this plot. (ii) the plot boundaries, measurements and other details shown in the site plan have been verified at site and found correct and (iii) the drawings are in conformity with the provisions of the Master Plan/ Detailed Town Planning Scheme/interim Development Order a s applicable under the Kerala Town and Country Planning Ac 2016. (iv) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules,2019 and other applicable statutes. (Signature) ..... Municipal Corporation / Municipal Council / Town Panchayat Office Seal
: - Medical College Hospital	EXTEND OF LAND : 33.2850 Hectares		
(A unt of Mannam Sugar Mills)	VILLAGE : Pandalam		
Pandalam -689501	MUNCIPALITY : Pandalam		
SIGNATURE OF APPLICANT	WARD : 27		
	TALUK : Adoor		
	DISTRICT : Pathanamthitta		
	STATE : Kerala		

SL. 41

REGULARISATION OF EXISTING BUILDINGS AND PROPOSED NEW BUILDINGS AT MANNAM AYURVEDA CO-OPERATIVE MEDICAL COLLEGE CAMPUS AT PANDALAM MUNCIPALITY

A0

NORTH EAST

EAST

NOTES

- All dimensions in centimeters unless otherwise specified

PURPOSE	Verified by
■ FOR APPROVAL	
☐ FOR CONSTRUCTION	
☐ FOR REFERENCE	
☐ FOR ESTIMATION	

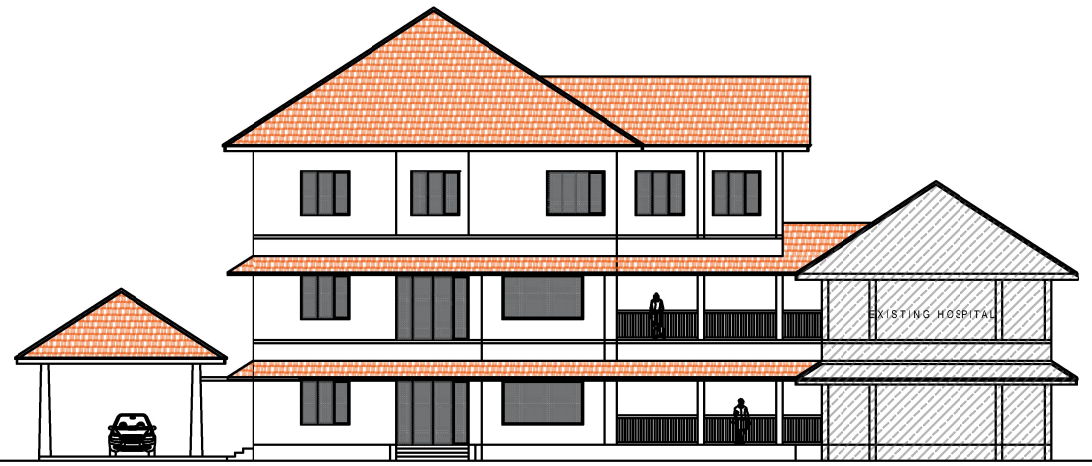
No.	DATE	REVISION

DRAWING TITLE

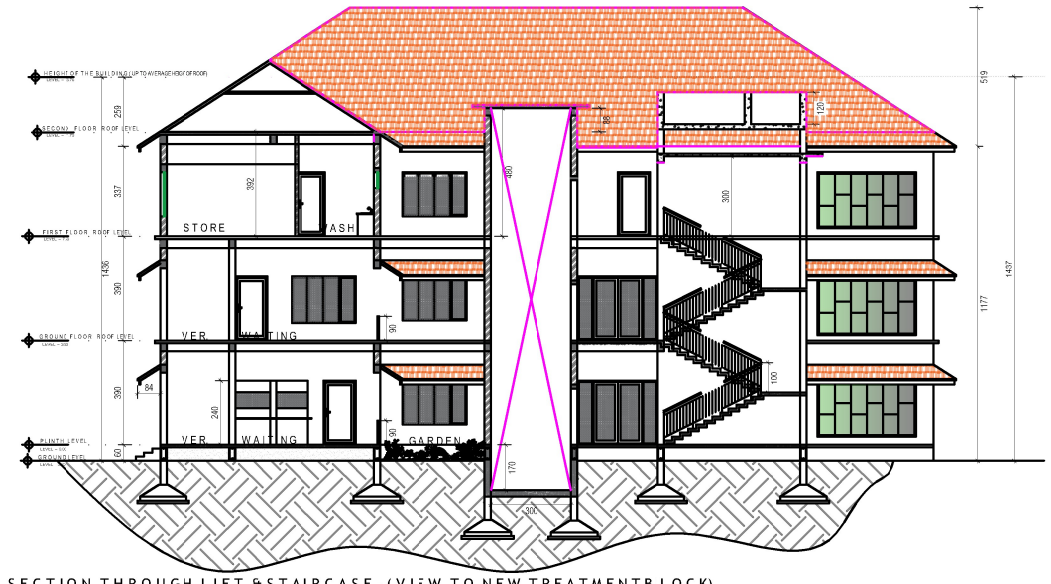
TREATMENT BLOCK

SCALE:1:100

All Dimensions are in cm



ELEVATION



SECTION THROUGH LIFT & STAIRCASE - (VIEW TO NEW TREATMENT BLOCK)

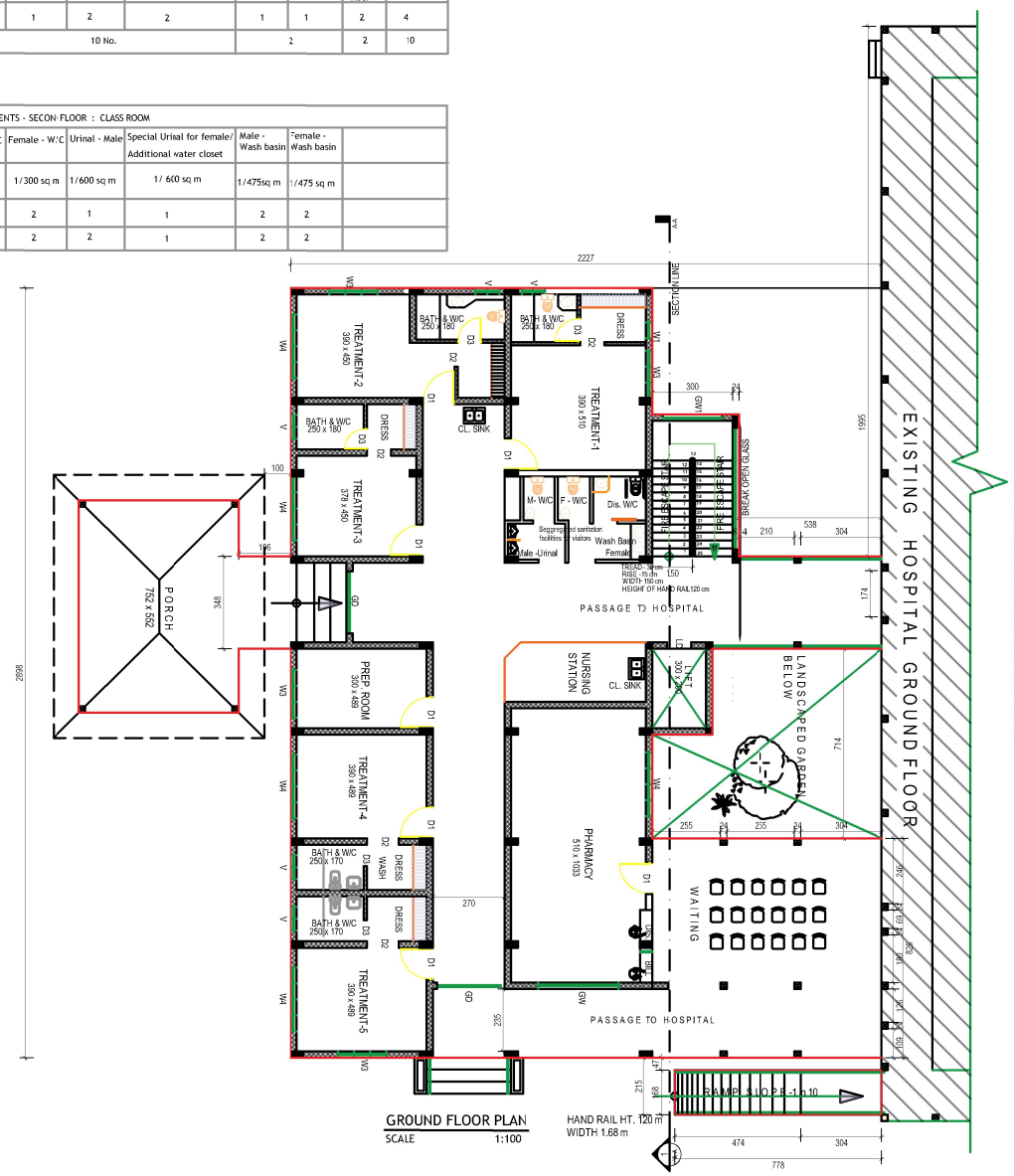
SANITATION REQUIREMENTS - EXTENSION TO THE HOSPITAL BUILDING [OP Area in the GF anc FF]

Occupancy-C	Male - W/C	Female - W/C	Urinal - Male	Special Urinal for female/ Additional water closet	Male - Wash basin	Female - Wash basin	Cleaners sink	Water Tap in the vicinity of watercloset & Urinals
Floor Area of GF & FF 1056.34 sq m	1/1200 sq m	1/1200 sq m	1/600 sq m	1/ 600 sq m	1/1200sq m	1/1200 sq m	1 per floor	1/300 sq m
Total Required	1	1	2	2	1	1	2	4
Provided	10 No.				2		2	10

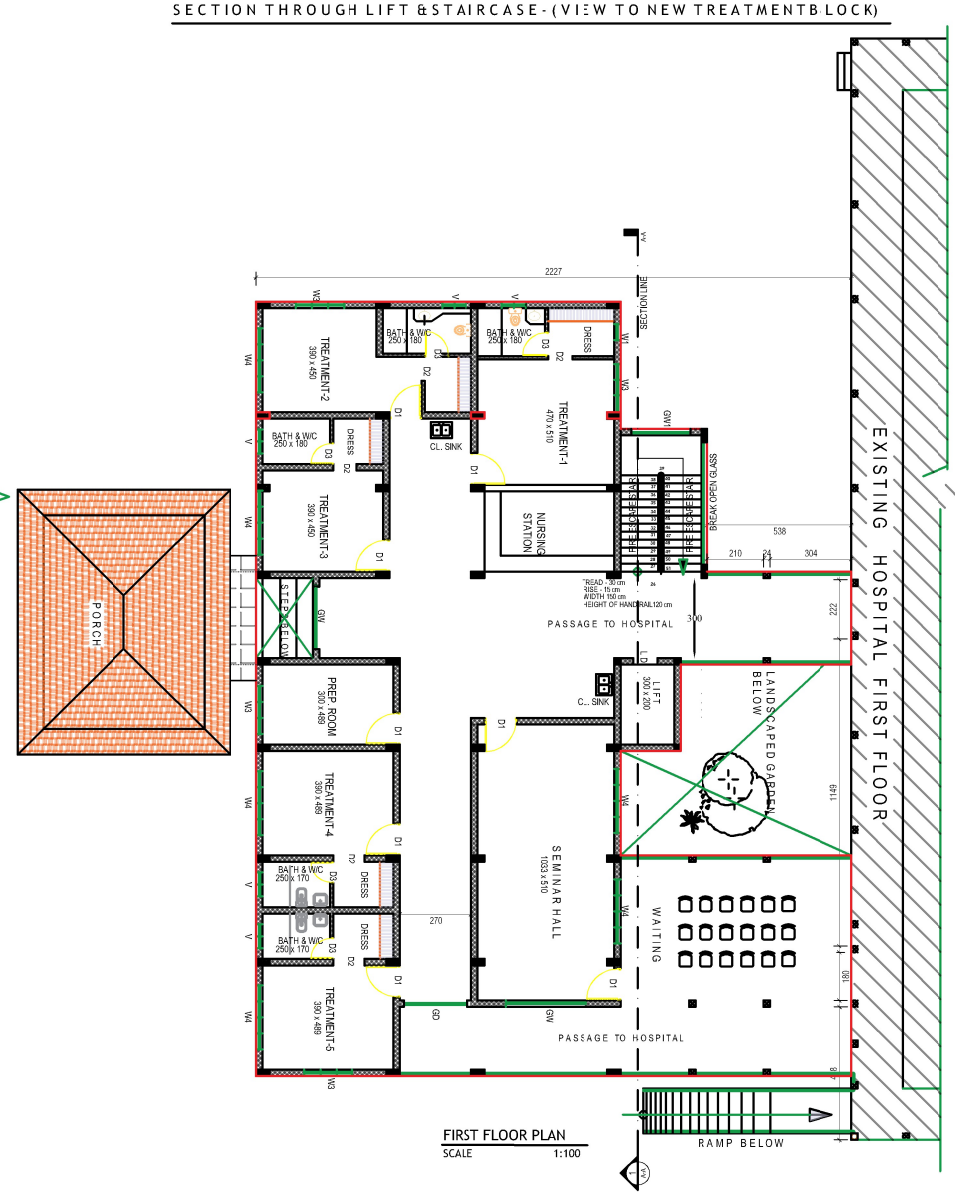
SANITATON REQUIREMENTS - SECON FLOOR : CLASS ROOM

Occupancy-C	Male - W/C	Female - W/C	Urinal - Male	Special Urinal for female/ Additional water closet	Male - Wash basin	Female - Wash basin	
Floor Area of GF & FF 1056.34 sq m	1/475 sq m	1/300 sq m	1/600 sq m	1/ 600 sq m	1/475sq m	1/475 sq m	
Total Required	2	2	1	1	2	2	
Provided	2	2	2	1	2	2	

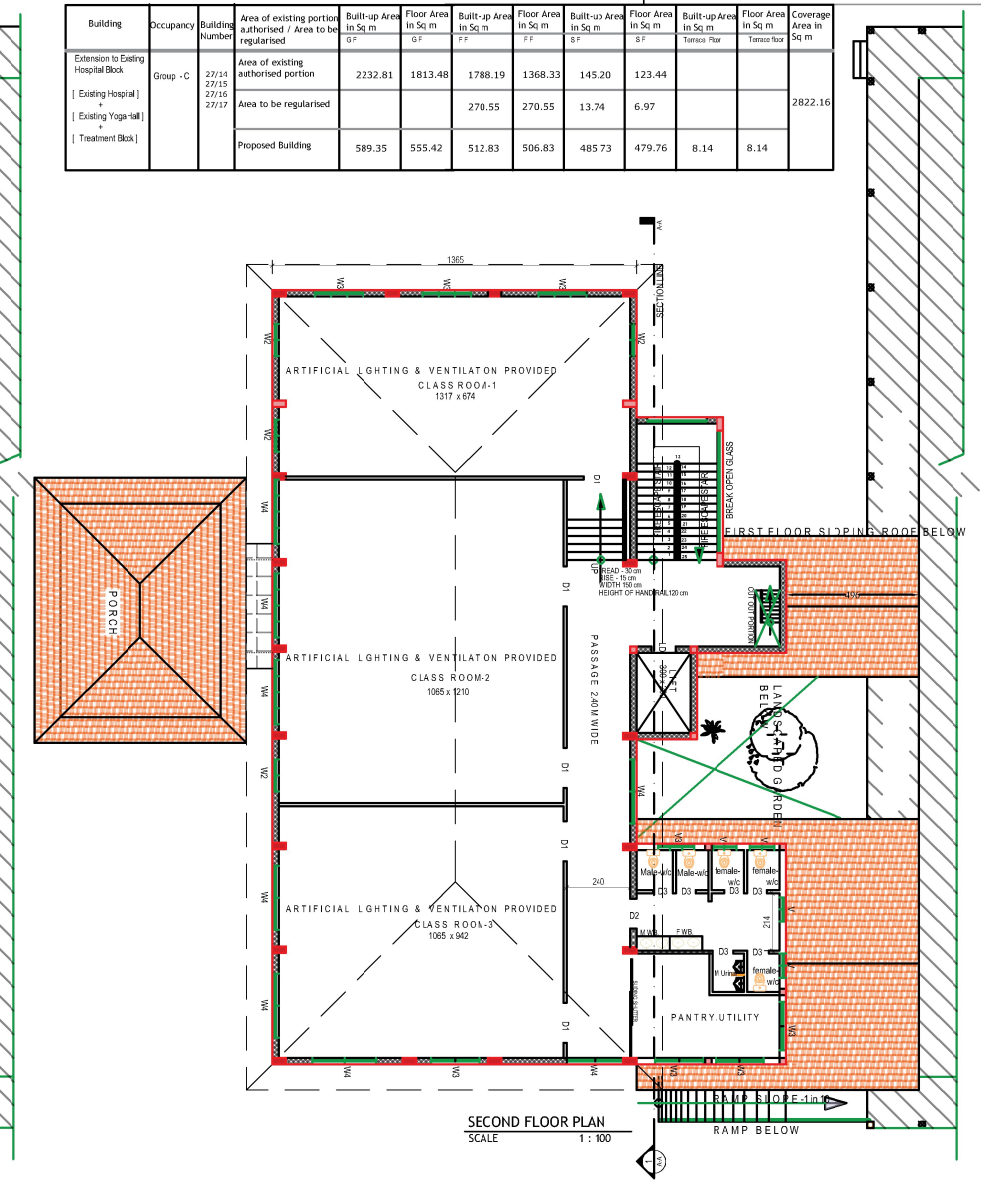
Building	Occupancy	Building Number	Area of existing portion authorised / Area to be regularised	Built-up Area in Sq m G F	Floor Area in Sq m G F	Built-up Area in Sq m F F	Floor Area in Sq m F F	Built-up Area in Sq m S F	Floor Area in Sq m S F	Built-up Area in Sq m Terrace Floor	Floor Area in Sq m Terrace floor	Coverage Area in Sq m
Extension to Exeting Hospital Block [Existing Hospital] + [Existing Yoga-hall] + [Treatment Blok]	Group - C	27/14 27/15 27/16 27/17	Area of existing authorised portion	2232.81	1813.48	1788.19	1368.33	145.20	123.44			2822.16
			Area to be regularised			270.55	270.55	13.74	6.97			
			Proposed Building	589.35	555.42	512.83	506.83	485 73	479.76	8.14	8.14	



GROUND FLOOR PLAN
SCALE 1:100



FIRST FLOOR PLAN
SCALE 1:100



SECOND FLOOR PLAN
SCALE 1 : 100

41.[A] EXTENSION TO EXISTING HOSPITAL BLOCK - (Existing authorised portion of Hospital + Area to be regularised + Proposed portion)

APPLICANT	LAND DETAILS	APPENDIX – J1 CERTIFICATE	APPENDIX – J2 CERTIFICATE
NAME : DIRECTOR	RE-SURVEY NO : 509, BLOCK -1	Certified that: (i) the plot boundaries, measurements and other details shown in the site plan are correct and (ii) the drawings are in conformity with the provisions of the Master Plan/Detailed Town Planning Scheme/ Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iii) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules, 2019 and other applicable statutes.	Certified that: (i) the document(s) in support of the ownership of the plot has/have been verified and that the applicant (s)has/have every right of construction in this plot. (ii) the plot boundaries, measurements and other details shown in the site plan have been verified at site and found correct and (iii) the drawings are in conformity with the provisions of the Master Plan/ Detailed Town Planning Scheme/Interim Development Order as applicable under the Kerala Town and Country Planning Act 2016. (iv) the drawings are in conformity with the provisions of the Kerala Municipality Building Rules,2019 and other applicable statutes. (Signature) ..... Municipal Corporation / Municipal Council / Town Panchayat Office Seal
ADDRESS : Mannam Ayurveda Co-operative	OLD-SURVEY NO: 393, 398, 399, 412, 413, 414, 423, 424, 425		
: - Medical College Hospital	EXTEND OF LAND : 33.2850 Hectares		
(A unt of Mannam Sugar Mills)	VILLAGE : Pandalam		
Pandalam -689501	MUNCIPALITY : Pandalam		
SIGNATURE OF APPLICANT	WARD : 27		
	TALUK : Adoor		
	DISTRICT : Pathanamthitta		
	STATE : Kerala		