

BUILDING INFORMATION	
Plot Area	14,864.48 m ²
Footprint Area	4,241.94 m ²
Built-Up Area	11,578.20 m ²
Diagonal length of Footprint	
Width coefficient of Footprint	
Open Void	
Building Height	20.45 m
Road width	7.0 m

PROPOSED AT
Thimarafushi Hospital

Site No:
Date:
Client:
Ministry of Health

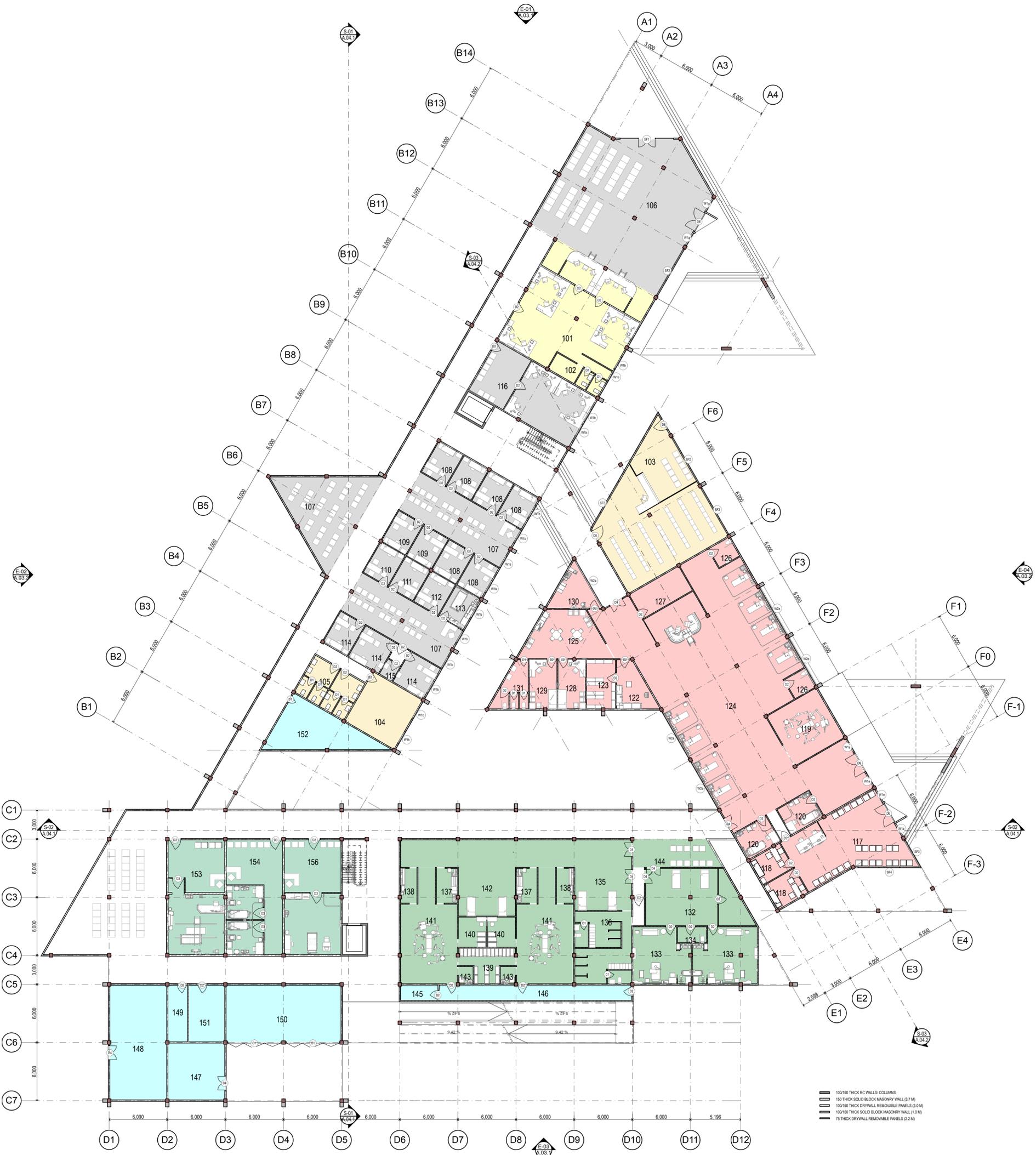
Thursday, 31 October 2019

Approved: Ismail Rashid
Engineer: Hussain Wahid
Scale: 1:5

EPOCH
1-800-333324 (toll-free)
P.O. Box 11111, Malé, Maldives
www.epoch.mv

Site Plan
1:250

Page: A.01



Home Story	ID	Zone Category	Zone Name	Quantity	Area(m ²)	Floor Finish	Ceiling Finish	Wall Finish	
Ground Floor	101	Administrative	OFFICE	1	130.81	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	102	Administrative	TOILETS	1	11.12	600x600 homogenous non-skid floor tile	1200x600 Aluminium Framed ceiling panels	300x600 homogenous wall tile upto ceiling height	
	103	Gener c	PHARMACY	1	131.67	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	104	Gener c	PRAYER RM	1	34.22	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	105	Gener c	TOILETS	1	25.45	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	106	OPD	ARRIVAL	1	196.39	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	107	OPD	WAITING	3	167.88	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	108	OPD	GEN MED	6	62.63	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	109	OPD	OUTREACH	2	20.94	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	110	OPD	ANAESTHETIC	1	10.47	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	111	OPD	SURGERY	1	10.47	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	112	OPD	ORTHO	1	10.47	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	113	OPD	PLASTER RM	1	10.47	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	114	OPD	GYNAE	3	36.28	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	115	OPD	TOILET	1	2.66	600x600 homogenous non-skid floor tile	1200x600 Aluminium Framed ceiling panels	300x600 homogenous wall tile upto ceiling height	
	116	OPD	PUBLIC HEALTH	1	69.33	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	117	EMERGENCY	ARRIVAL	1	75.44	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	118	EMERGENCY	CONS	2	20.64	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	119	EMERGENCY	MINOR THEATRE	1	34.64	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	120	EMERGENCY	TRIAGE	2	22.64	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	122	EMERGENCY	STERILE PREP	1	15.45	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	123	EMERGENCY	STERILE STORE	1	15.17	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	124	EMERGENCY	EMERGENCY	1	158.42	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	125	EMERGENCY	TEA RM	1	36.01	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	126	EMERGENCY	TOILET	2	10.84	600x600 homogenous non-skid floor tile	1200x600 Aluminium Framed ceiling panels	300x600 homogenous wall tile upto ceiling height	
	127	EMERGENCY	MATRONS	1	16.96	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	128	EMERGENCY	NURSES	1	14.45	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	129	EMERGENCY	DOCTORS	1	14.44	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	130	EMERGENCY	JANITORS	1	14.41	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	131	EMERGENCY	TOILETS	1	13.52	600x600 homogenous non-skid floor tile	1200x600 Aluminium Framed ceiling panels	300x600 homogenous wall tile upto ceiling height	
	132	TREATMENT	HOLDING	1	58.47	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	133	TREATMENT	BIRTHING	2	69.3	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	134	TREATMENT	TOILET	1	4.95	600x600 homogenous non-skid floor tile	1200x600 Aluminium Framed ceiling panels	300x600 homogenous wall tile upto ceiling height	
	135	TREATMENT	HOLDING AREA	1	93.67	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	136	TREATMENT	CHANGING	1	43.71	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	137	TREATMENT	ANAESTHETIC	2	15.48	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	138	TREATMENT	SCRUB	2	12.44	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	139	TREATMENT	STERILE STORE	1	15.45	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	140	TREATMENT	STERILE PREP	2	18.04	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	141	TREATMENT	THEATRE	2	110.16	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	142	TREATMENT	RECOVERY	1	29.74	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	143	TREATMENT	WASHING	2	5.43	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	144	TREATMENT	WAITING	1	24.51	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	145	SERVICES	DIRTY UTILITY	1	6.06	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	146	SERVICES	DISPOSAL CORRIDOR	1	31.26	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	147	SERVICES	AUTOCLAVE	1	34.22	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	148	SERVICES	BACKUP GEN	1	69.92	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	149	SERVICES	CONTROL RM	1	11.7	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	150	SERVICES	WORKSHOP	1	69.32	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	151	SERVICES	SECURITY RM	1	21.65	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	152	SERVICES	SERVICES RM	1	39.15	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	153	Diagnostics	X-RAY	1	68.73	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	154	Diagnostics	ULTRASOUND SCAN	1	68.59	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
	156	Diagnostics	ECG/EEG	1	68.59	Vinyle Flooring	1200x600 Aluminium Framed ceiling	Vinyle finish to 1800 height with washable paint	
				73		2,584.80			

- 100/150 THICK RC WALLS/COLUMNS
- 150 THICK SOLID BLOCK MASONRY WALL (3.7M)
- 100/150 THICK DRYWALL REMOVABLE PANELS (3.0 M)
- 100/150 THICK SOLID BLOCK MASONRY WALL (1.9M)
- 75 THICK DRYWALL REMOVABLE PANELS (2.2 M)

PROPOSED Hospital Expansion AT
Thimarafushi Hospital

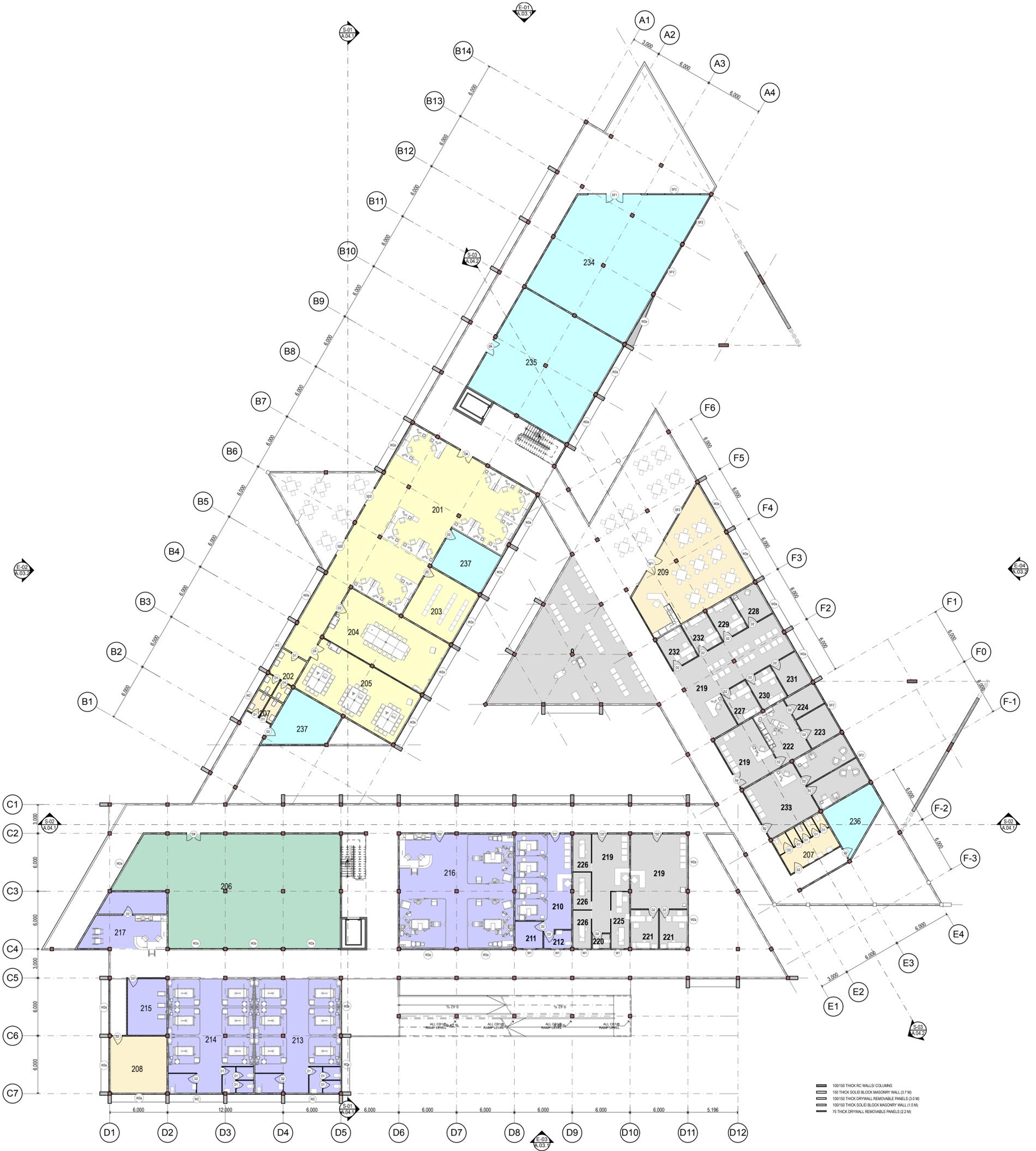
Site No: A.02
Client: Ministry of Health

Saturday, 16 November 2019
Author: Ismail Rasheed
Engineer: Hussain Wahed
Scale: 1/5

EPOCH CONSULTANTS

1-800-222-824 (toll-free services)
4th Floor, EPOCH Building
Fathima Street, Male
Maldives P.O. Box 1000

Rev: _____
Date: _____
Page: _____
A.02.1



Spaces Schedule						
Home Story	ID	Zone Category	Zone Name	Quantity	Area(m2)	
1st Floor	0	OPD	WAITING AREA	1	138.95	Vinyle Flooring
	201	Administrative	OFFICE	1	227.22	Vinyle Flooring
	202	Administrative	TOILETS	1	13.82	Vinyle Flooring
	203	Administrative	RECORDS	1	34.22	Vinyle Flooring
	204	Administrative	MEETING RM	1	69.62	Vinyle Flooring
	205	Administrative	CONFERENCE	1	69.6	Vinyle Flooring
	206	Diagnostics	LABORATORY	1	236.25	Vinyle Flooring
	207	Generi c	TOILETS	2	30.42	600x600 homogenous non-skid floor tile
	208	Generi c	PRAYER RM	1	34.29	Vinyle Flooring
	209	Generi c	CANTEEN	1	99.08	Vinyle Flooring
	210	IPD	DIALYSIS	1	55.46	Vinyle Flooring
	211	IPD	Water Treatment	1	8.05	Vinyle Flooring
	212	IPD	TOILET	1	4.94	600x600 homogenous non-skid floor tile
	213	IPD	GENERAL	1	104.87	Vinyle Flooring
	214	IPD	GYNAE	1	104.79	Vinyle Flooring
	215	IPD	NICU	1	23.98	Vinyle Flooring
	216	IPD	ICU	1	140.42	Vinyle Flooring
	217	IPD	NURSE STN	1	44.61	Vinyle Flooring
	219	OPD	RECEPTION	4	168.61	Vinyle Flooring
	220	OPD	TOILET	1	2.77	600x600 homogenous non-skid floor tile
	221	OPD	VACCINES	2	23	Vinyle Flooring
	222	OPD	DENTAL CON	1	21.13	Vinyle Flooring
	223	OPD	STERILIZATION	1	11.64	Vinyle Flooring
	224	OPD	EQUIPMENT	1	8.28	Vinyle Flooring
	225	OPD	CONSULT	1	11.17	Vinyle Flooring
	226	OPD	PHYSIO	3	22.35	Vinyle Flooring
	227	OPD	ENT	1	10.42	Vinyle Flooring
	228	OPD	FEEDING RM	1	10.35	Vinyle Flooring
	229	OPD	INTERNAL MED	1	10.35	Vinyle Flooring
	230	OPD	OPHTHALMOLOGY	1	10.43	Vinyle Flooring
	231	OPD	OPTOMETRIST	1	10.42	Vinyle Flooring
	232	OPD	PEDIATRICS	2	20.97	Vinyle Flooring
	233	OPD	PSYCHIATRY	1	69.46	Vinyle Flooring
	234	SERVICES	GENERAL STORES	1	170.34	Vinyle Flooring
	235	SERVICES	MEDICAL STORES	1	140.1	Vinyle Flooring
	236	SERVICES	AHU RM	1	24.02	Vinyle Flooring
	237	SERVICES	IT RM	1	25.94	Vinyle Flooring
	237	SERVICES	SERVICES RM	1	29.45	Vinyle Flooring
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PROPOSED Hospital Description AT
Thimarafushi Hospital

Site No:
A.02

Client:
Ministry of Health

Scale: 1/5

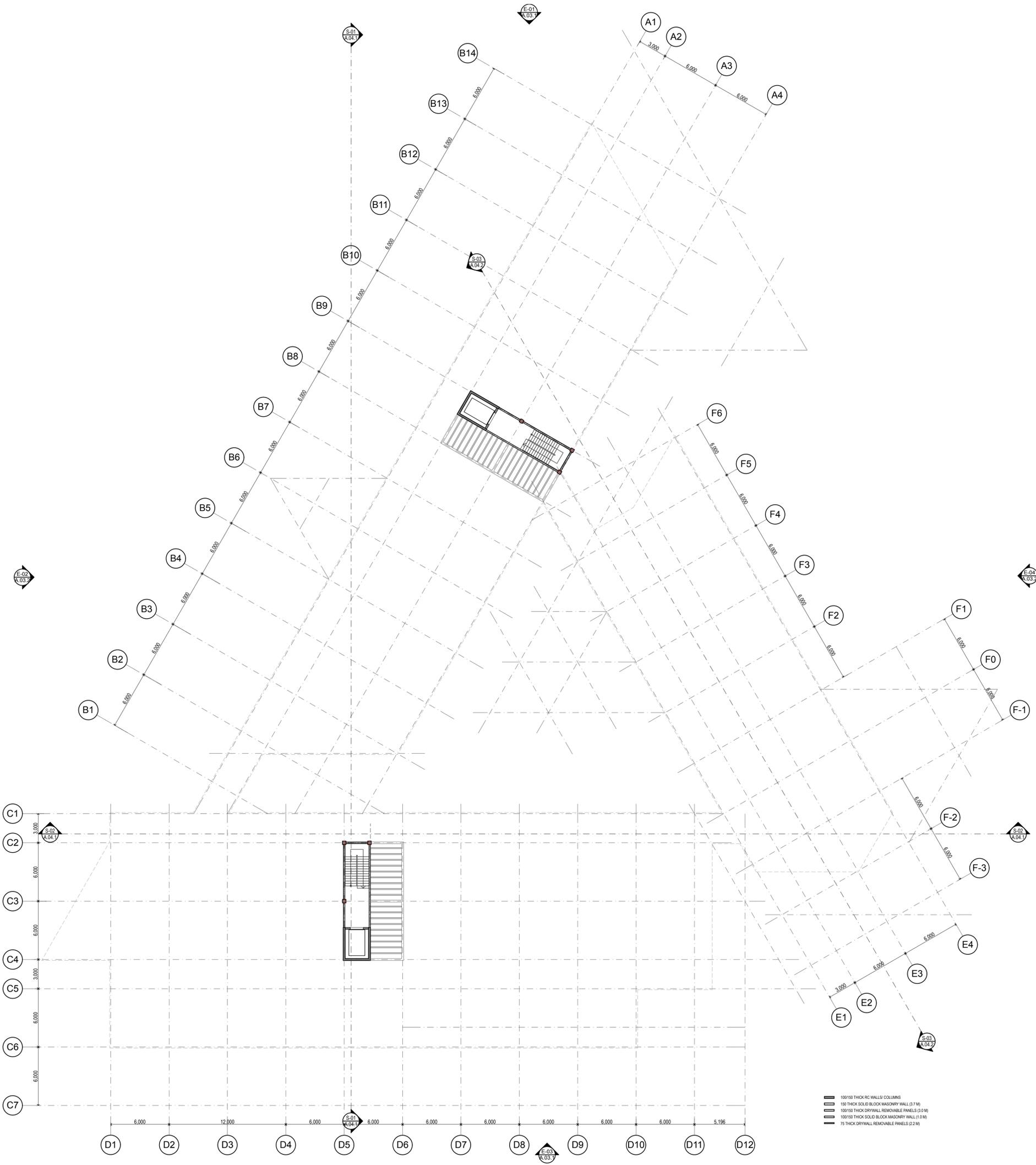
10 November 2019

Approved: Ismail Rasheed
Engineer: Husain Wahneed
Checked: I/S

EPOCH
1-800-333-8242 (toll-free)
11000 100th Street, Edmonton, Alberta T5A 0K6, Canada
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Fax: 780-443-8889
Email: info@epoch.ca

1st Floor Plan
1/200

Page: A.02.2



- 100/150 THICK RC WALLS/COLUMNS
- 150 THICK SOLID BLOCK MASONRY WALL (3.7 M)
- 100/150 THICK DRYWALL REMOVABLE PANELS (3.0 M)
- 100/150 THICK SOLID BLOCK MASONRY WALL (3.0 M)
- 75 THICK DRYWALL REMOVABLE PANELS (2.2 M)

PROPOSED AT
Thimarafushi Hospital

Scale: 1:50
A.02

Client: Ministry of Health

Saturday, 16 November 2019

Approved: Ismail Rashid
Engineer: Hussain Wahid
Checked by: I.F.

EPOCH
1-800-333-2244 (toll-free)
11, 12th Floor, The
Raffles City, The
Raffles City, The

Machine Rm Floor Plan
1:200

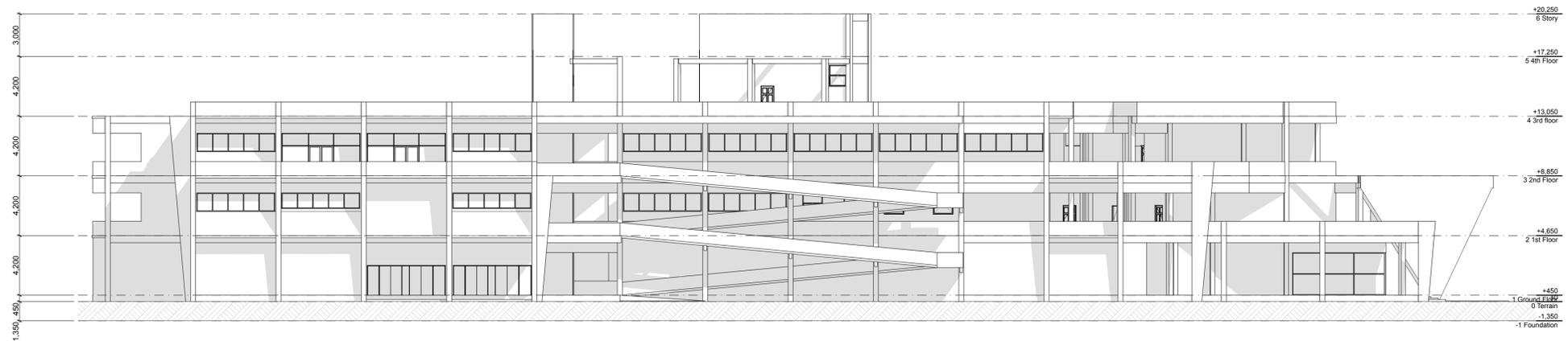
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E-01

North Elevation

1:200



E-03

South Elevation

1:200

PROPOSED Thimarafushi Hospital
 Sa'ib
 A.03
 Client: Ministry of Health

Thursday, 31 October 2019
 Architect: Ismail Rashied
 Engineer: Ibrahim Waleed
 Designer: I.R.

EPOCH
 CONSULTANTS
 P.O. Box 202029, Cairo, Egypt
 Phone: +972 2 2333 3333
 Fax: +972 2 2333 3333
 Email: info@epoch-eg.com

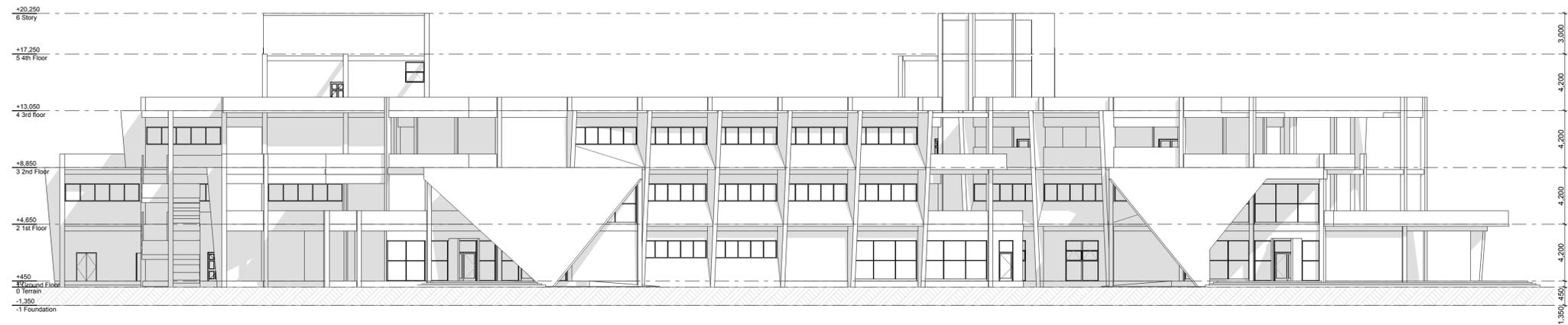
Page: 1 of 1
 A.03.1



E-02

East Elevation

1:200



E-04

West Elevation

1:200

PROPOSED AT
Thimarafushi
Hospital

Sa. No.
A.03

Client
Ministry of Health

Thursday, 31 October 2019

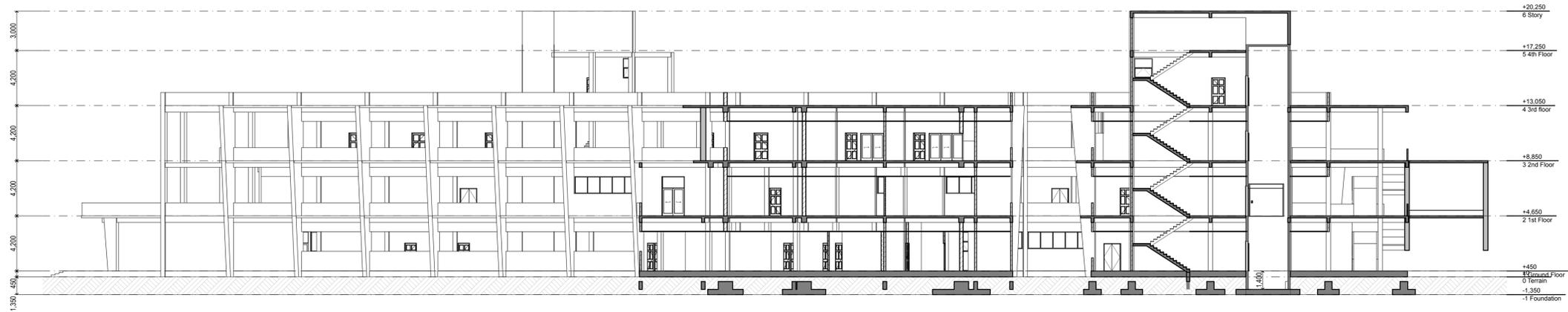
Architect: Ismail Rashheed
Engineer: Ibrahim Waleed
Designer: I.R.

EPOCH
ARCHITECTS

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P: +960 2022013
R: +960 2022014
F: +960 2022015
E: info@epoch.ae
www.epoch.ae

Scale: 1:200

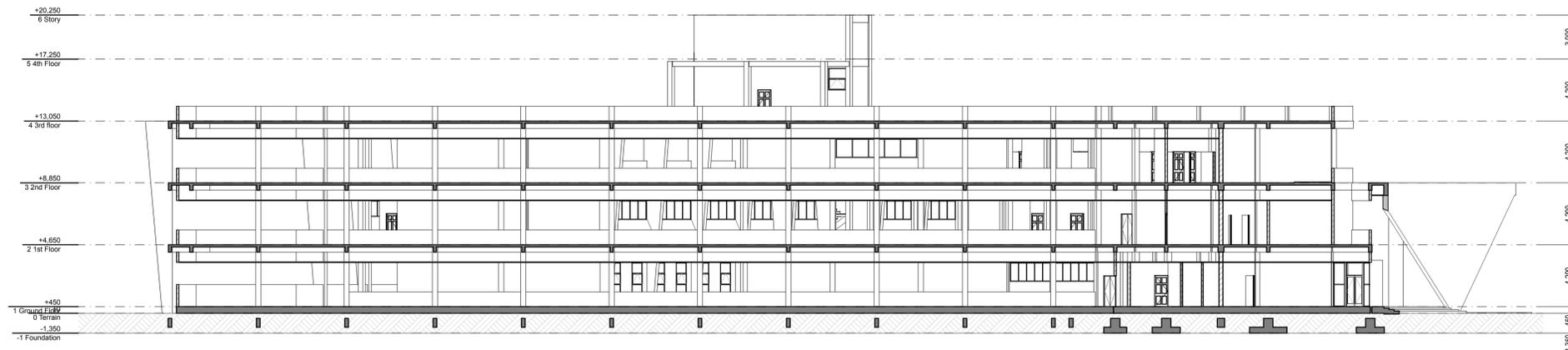
Page: A.03.2



S-01

Building Section

1:200



S-02

Building Section

1:200

PROPOSED AT
 Thimarafushi
 Hospital

S&T No:
 A.04

Client:
 Ministry of Health

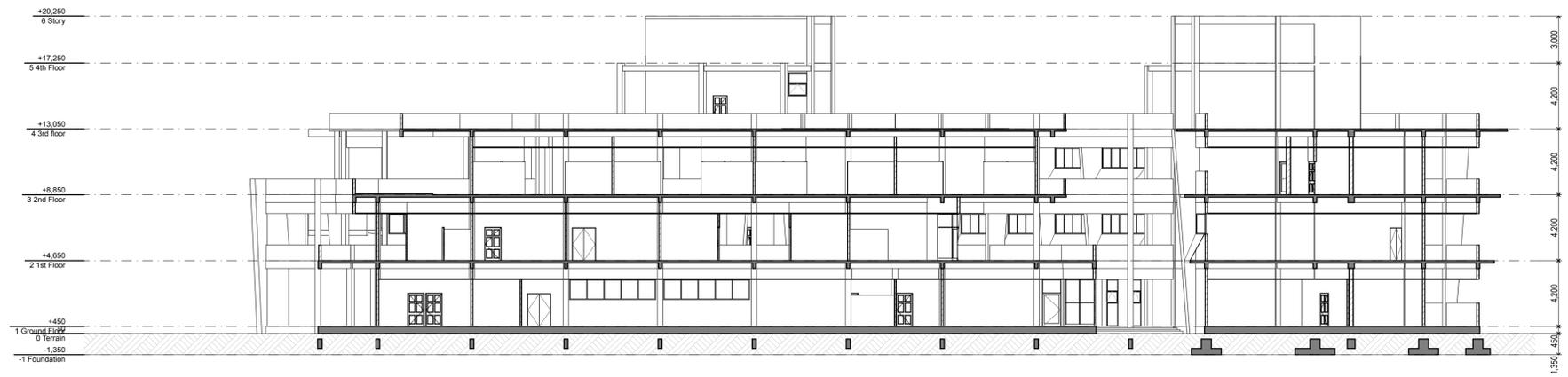
Thursday, 31 October 2019

Architect: Ismail Rasheed
 Engineer: Ibrahim Waleed
 Designer: I.R.

EPOCH
 CONSULTANTS

T: +960 2032201 | F: +960 2032200
 P: P.O. Box 10000, Thimarafushi, Maldives
 Email: info@epoch.mv

Rev: - - - - - Page: - - - - -
 - - - - - A.04.1



S-03

Building Section

1:200

PROPOSED - Project Description - AT
Thimarafushi
Hospital

Scale:
A.04
Client:
Ministry of Health

Thursday, 31 October 2019
Architect: Ismail Rasheed
Engineer: Ibrahim Waleed
Designer: I.R.



1:200 2019/10/31
Thimarafushi Hospital
Health Services
Page

A.04.2

All Openings Schedule											
Element ID	D1	D2	D3	D4	D5	D6	G1	S02	S03	SF1	SF2
Quantity	52	106	14	13	2	3	2	2	6	5	10
W x H Size	800x2,100	1,000x2,100	1,200x2,100	1,500x2,100	1,200x3,000	2,200x3,000	5,500x2,100	2,000x3,000	3,000x2,100	5,516x3,000	5,500x3,000
Sill height	0	0	0	0	0	0	0	0	0	0	0
Head height	2,100	2,100	2,100	2,100	3,000	3,000	2,100	3,000	2,100	3,000	3,000
2D Symbol											
View from Side Opposi...											
Fire Resistance Rating	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes	20 minutes
Thermal Transmittance	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined
Sound Transmission C...	25	25	25	25	25	25	25	25	25	25	25
Area	---	---	---	---	---	---	---	---	---	---	---

All Openings Schedule									
Element ID	SF3	SF4	W1	W1a	W1b	W1c	W2	W2a	W2b
Quantity	1	1	4	6	14	2	4	4	56
W x H Size	3,235x3,000	6,500x3,000	1,400x1,500	1,500x3,000	1,400x3,000	1,400x1,500	5,500x1,100	5,500x1,300	5,500x1,300
Sill height	0	0	1,500	0	0	2,100	1,900	1,700	1,700
Head height	3,000	3,000	3,000	3,000	3,000	3,600	3,000	3,000	3,000
2D Symbol									
View from Side Opposi...									
Fire Resistance Rating	20 minutes								
Thermal Transmittance	Undefined								
Sound Transmission C...	25	25	25	25	25	25	25	25	25
Area	---	---	---	---	---	---	---	---	---