

All Openings Schedule							
Element ID	D1	D2	D2a	D3	D4	D5	D6
Quantity	51	108	2	8	4	20	1
W x H Size	800×2,100	1,000×2,100	1,000×2,100	1,200×2,100	1,200×3,000	1,800×2,100	2,350×3,000
Sill height	0	0	0	0	0	0	0
Head height	2,100	2,100	2,100	2,100	3,000	2,100	3,000
2D Symbol							
View from Side Opposit...							
Frame outside	GRP (Glass reinforced polyester) door frame	GRP (Glass reinforced polyester) door frame	GRP (Glass reinforced polyester) door frame	GRP (Glass reinforced polyester) door frame	(60 micron) powder coated aluminum frame of selected colour	GRP (Glass reinforced polyester) door frame	(60 micron) powder coated aluminum frame of selected colour
Glass	----	----	----	----	Clear glass	----	Clear glass
Leaf outside	GRP (Glass reinforced polyester) door panel	GRP hermetically hygienic sealed door panel	GRP (Glass reinforced polyester) door panel	GRP (Glass reinforced polyester) door panel	(60 micron) powder coated aluminum panel of selected colour	GRP hermetically hygienic sealed panel	(60 micron) powder coated aluminum panel of selected colour
Sash outside	----	----	----	----	----	----	----

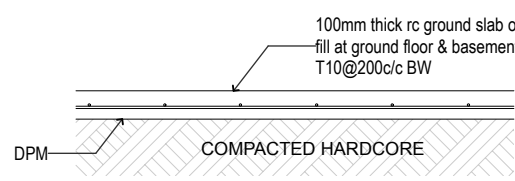
All Openings Schedule			
Element ID	DW1	G1	G2
Quantity	4	1	1
W x H Size	5,516×3,000	5,725×2,100	3,000×2,400
Sill height	0	0	0
Head height	3,000	2,100	2,400
2D Symbol			
View from Side Opposit...			
Frame outside	(60 micron) powder coated aluminum frame of selected colour	GRP (Glass reinforced polyester) door frame	GRP (Glass reinforced polyester) door frame
Glass	Clear glass	----	----
Leaf outside	(60 micron) powder coated aluminum panel of selected colour	GRP (Glass reinforced polyester) door panel	GRP (Glass reinforced polyester) door panel
Sash outside	----	----	----

Door and Window Notes

Dimensions shown on DWG indicate effective openings of frame
All frame depth are 100mm
All door panel thicknesses are 35mm
All window panel thickness are 25mm
All frame edges shall be trimmed 3mm
All wooden components should be wood stained finish

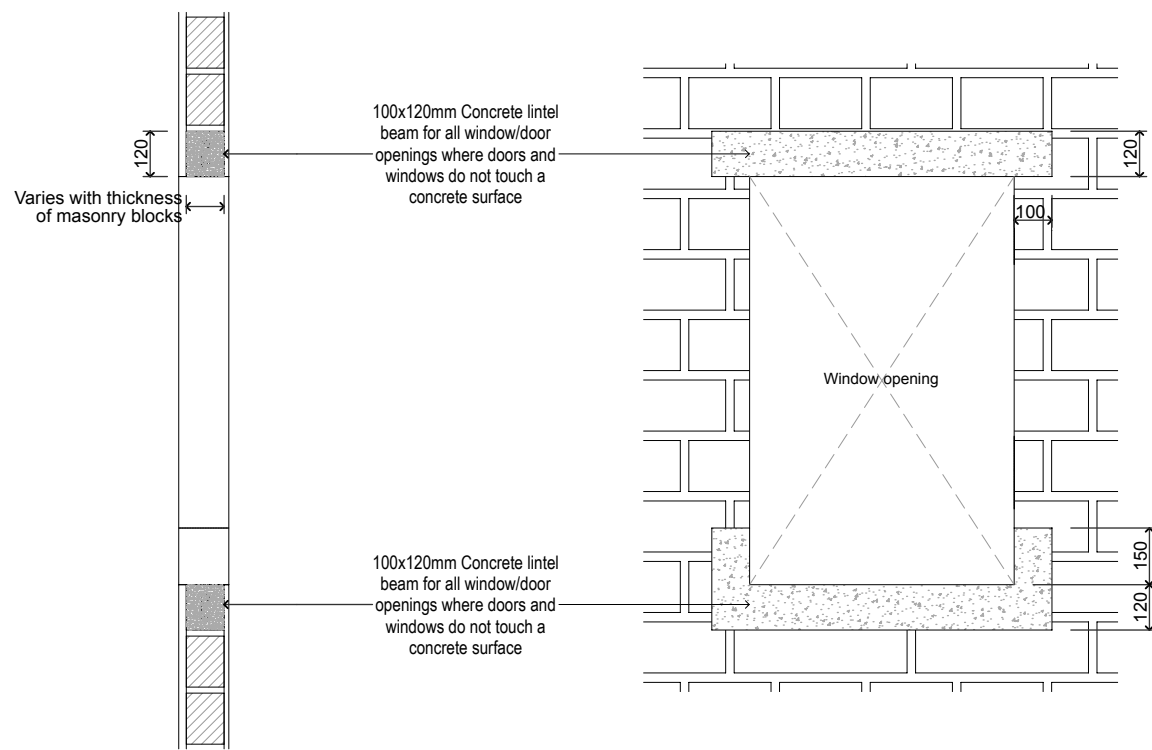
All glazing should be of 6mm unless specified
External units must comply the following weather conditions:-
Wind pressure: 200 kg/sqm
Water tightness: 25 kg/sqm
All external frames / wall joints must be sealed with silicon sealant and the wedges trimmed with 12 X 12mm hardwood beading fixed to frames by brass nails
All hardware should be provided for the performance of all functions of the units

Hinges shall confirm to
1. Door size more than 700X900mm
WD: 125mm X 2 sets
SD: 150mm X 3 sets
2. Door size less than 700 X 1900mm
WD: 100mm X 2 sets
SD: 125mm X 2 sets
Locks shall be cylindrical with master key sets
Door knobs shall be 1000mm above FFL

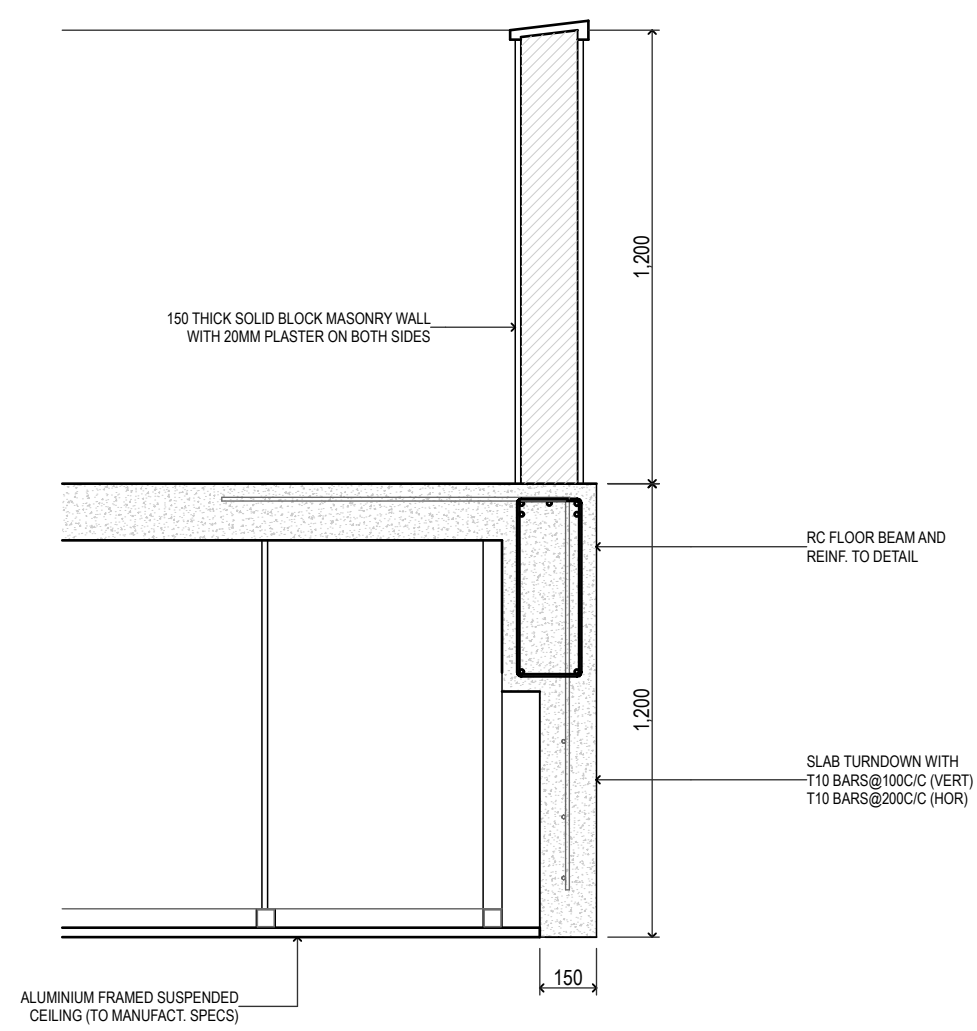


- NOTES:
- All cover blocks shall be cast using grade C25/30 concrete with 5-10mm aggregates.
 - For slab, rebar spacer chairs spacing shall be minimum 1m spacing or 1no per 1sqm.

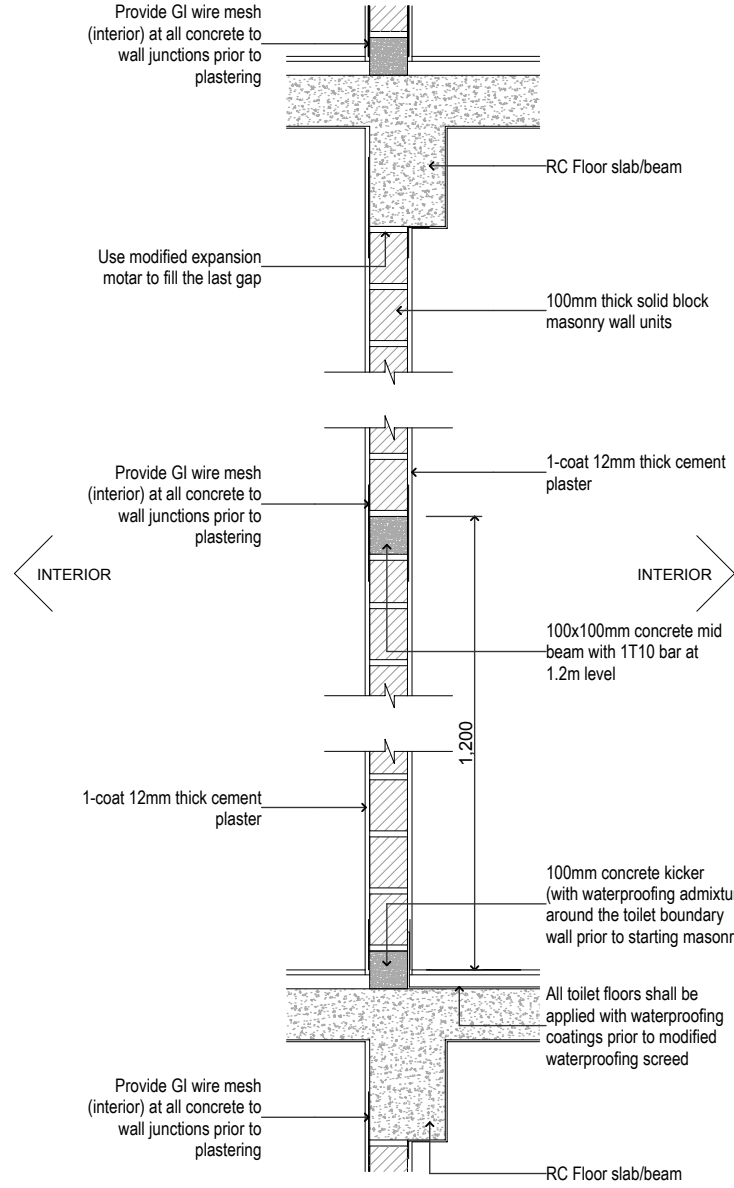
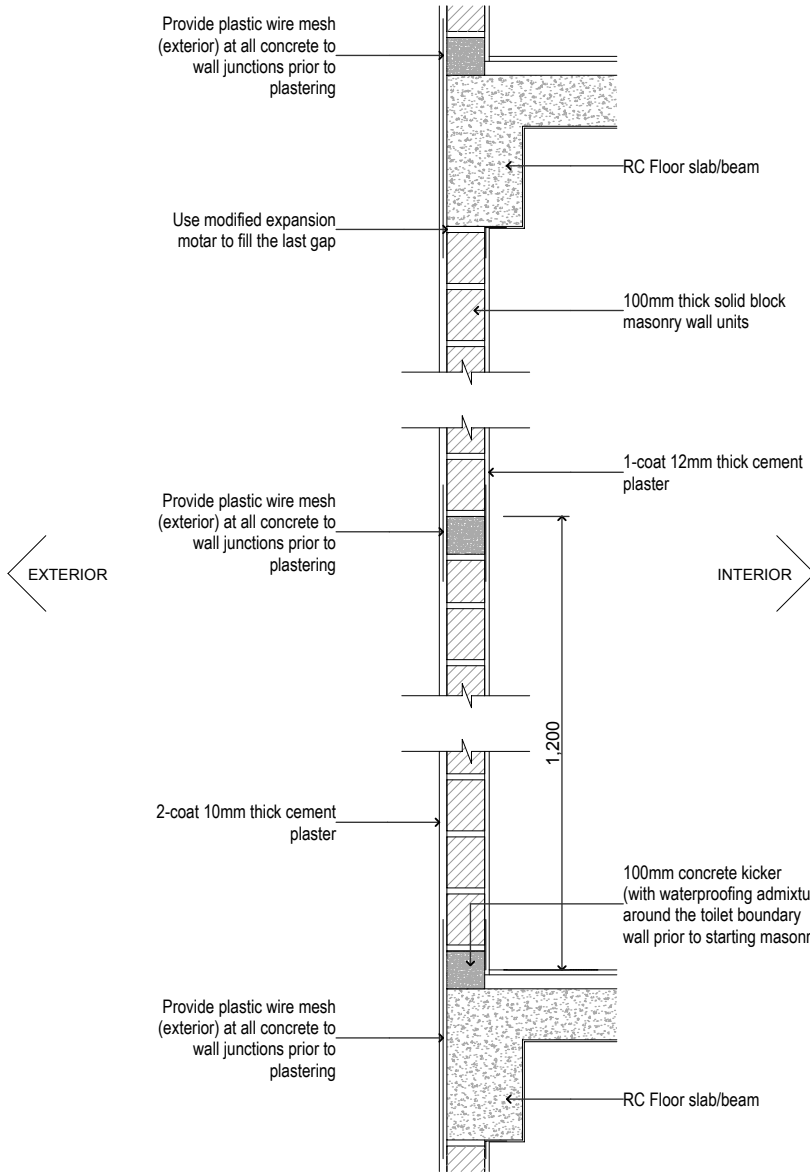
TYPICAL GROUND SLAB DETAIL
Scale: 1:20



TYPICAL OPENING DETAIL
Scale: 1:20



SLAB TURNDOWN & RAILING DETAIL
Scale: 1:20



TYPICAL SLAB TO WALL DETAIL
Scale: 1:20

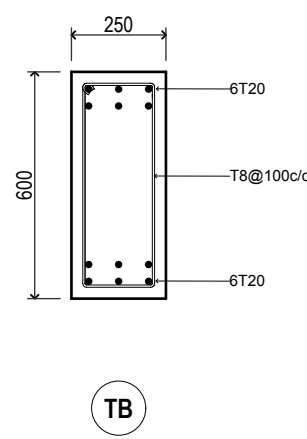
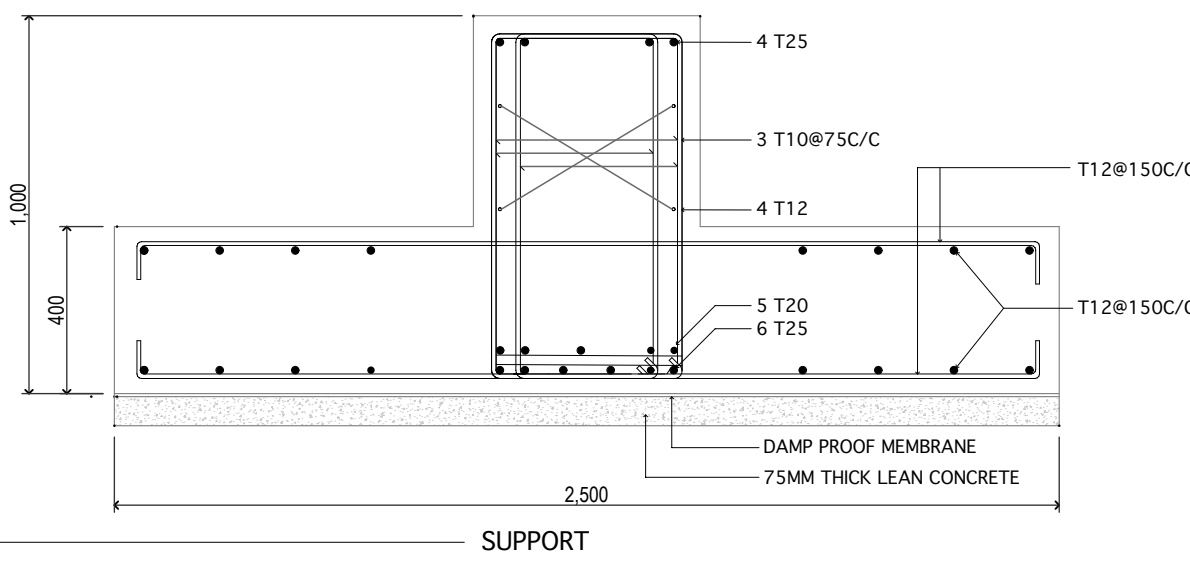
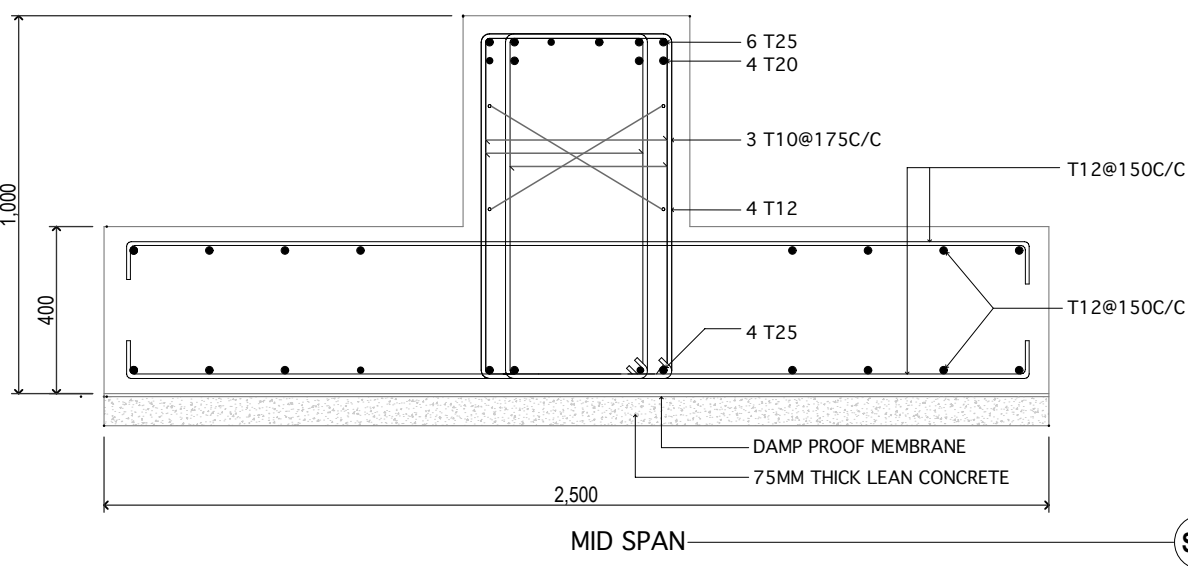
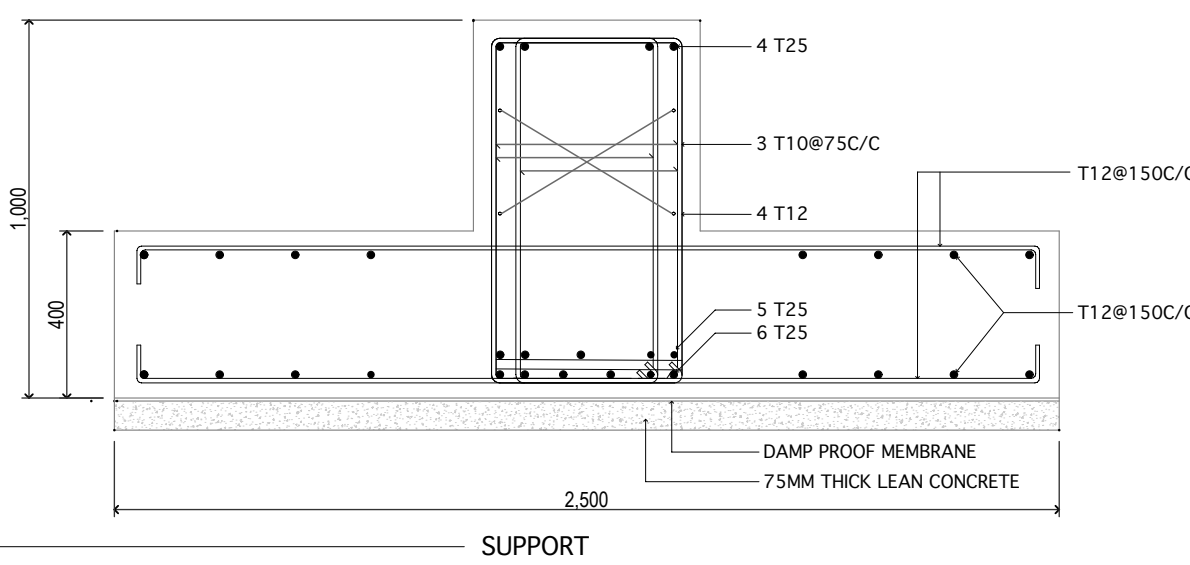
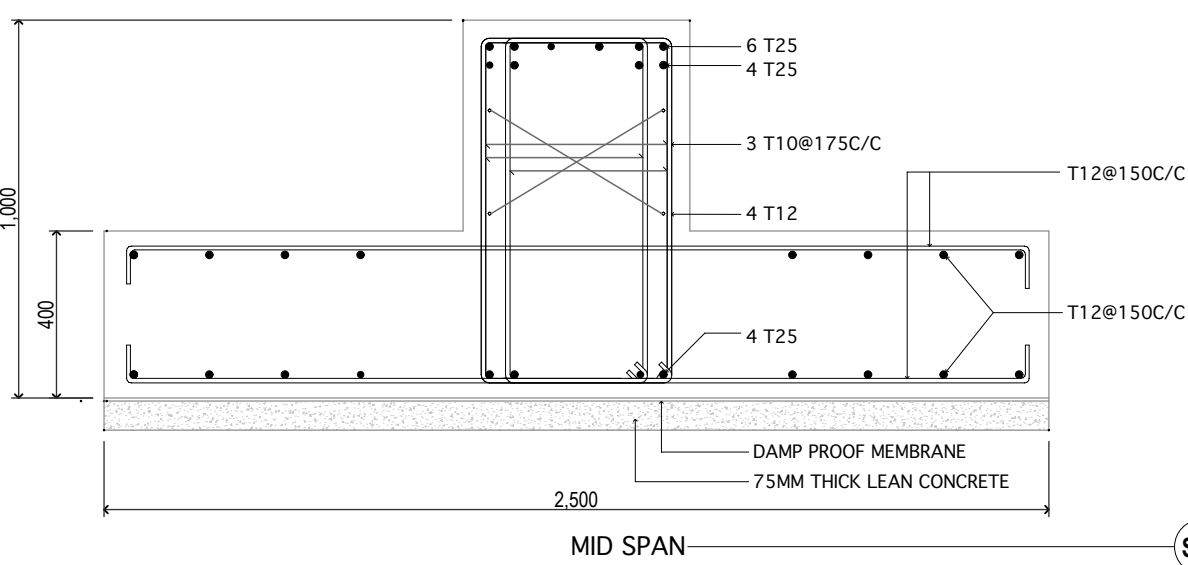
- NOTES:
- Concrete surfaces shall be thoroughly cleaned with water & applied with mastercast 141 or equivalent bonding mortar prior to plastering.
 - Plastering mortar mix shall be 1:4 (cement:sand) ratio.
 - Plaster mix shall be modified using fibre wool & mastercast 141 or equivalent plasticisers as per manufacturer's specification.
 - Height of placing blocks shall be maximum 1.2m per day.
 - After initial coat of plastering, water curing shall be provided for minimum 3 days & after final coat of water curing shall be provided for 7 days.

COLUMN DETAILS

	GROUND TO 1ST	1ST & ABOVE
C1		
C2		
C3		

SLAB BEAM DETAILS

SUPPORT B1	MID-SPAN	SUPPORT B2	MID-SPAN
SUPPORT B3	MID-SPAN	B4	
SUPPORT B5	MID-SPAN		



FOUNDATION DETAILS

PROPOSED 3 STOREY BUILDING AT
Manadhoo Hospital

Rev: 01

Date: 28/11/2019

Client: Ministry of Health

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

Approved by: EPOCH

Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH

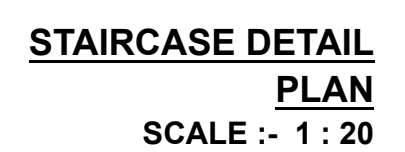
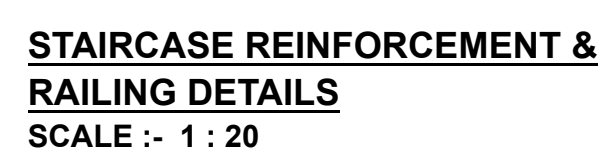
Approved by: EPOCH

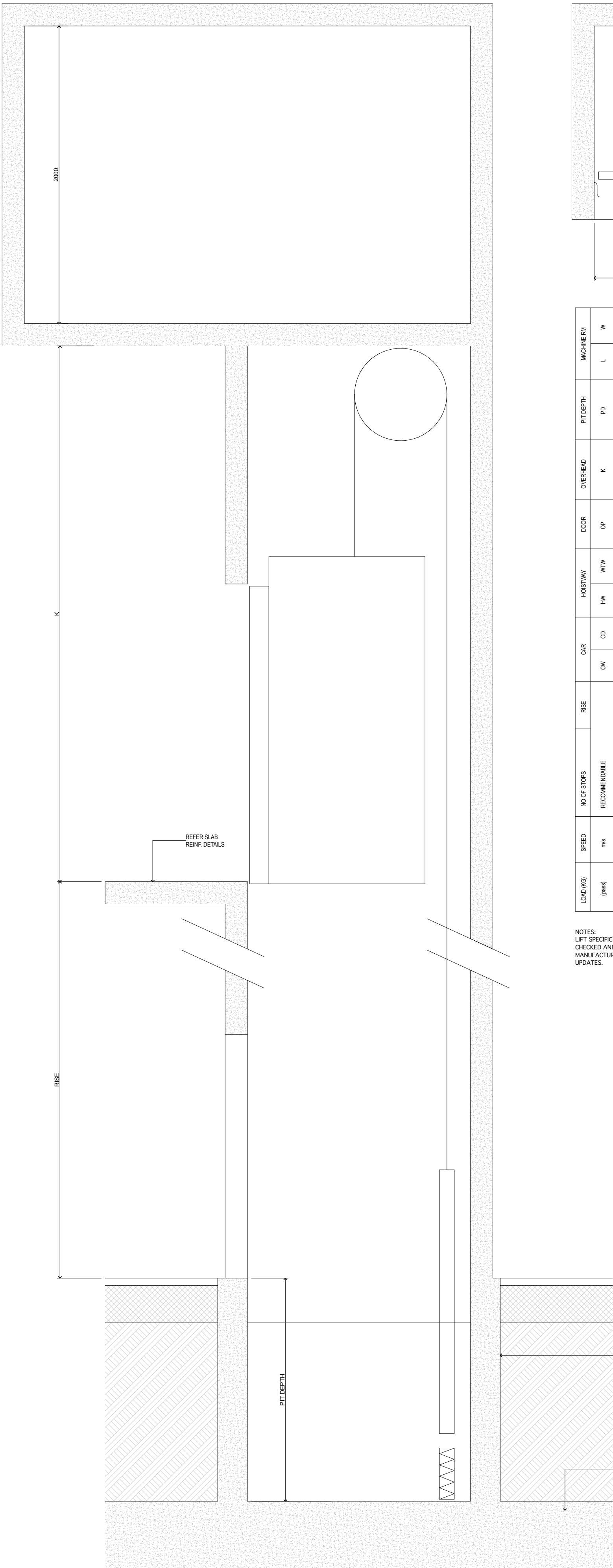
Project: Manadhoo Hospital

Scale: 1:20

Drawn by: EPOCH

Checked by: EPOCH





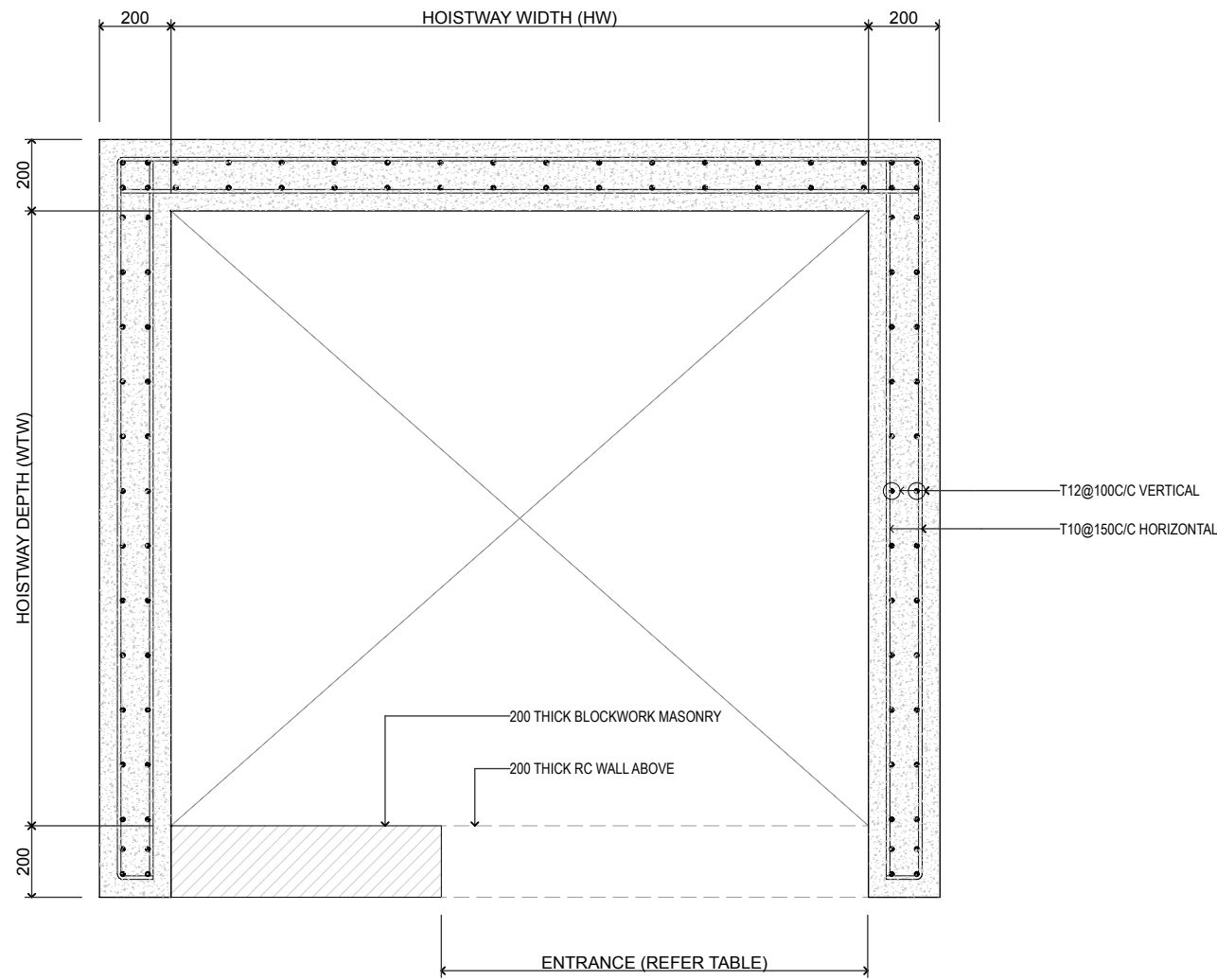
SECTION THROUGH LIFT SHAFT
SCALE: 1:20

MITSUBISHI NEXEZ400R OR EQUIVALENT
MACHINE ROOM 1 CAR
HOSPITAL BED ELEVATORS
15 PERSONS PER LIFT

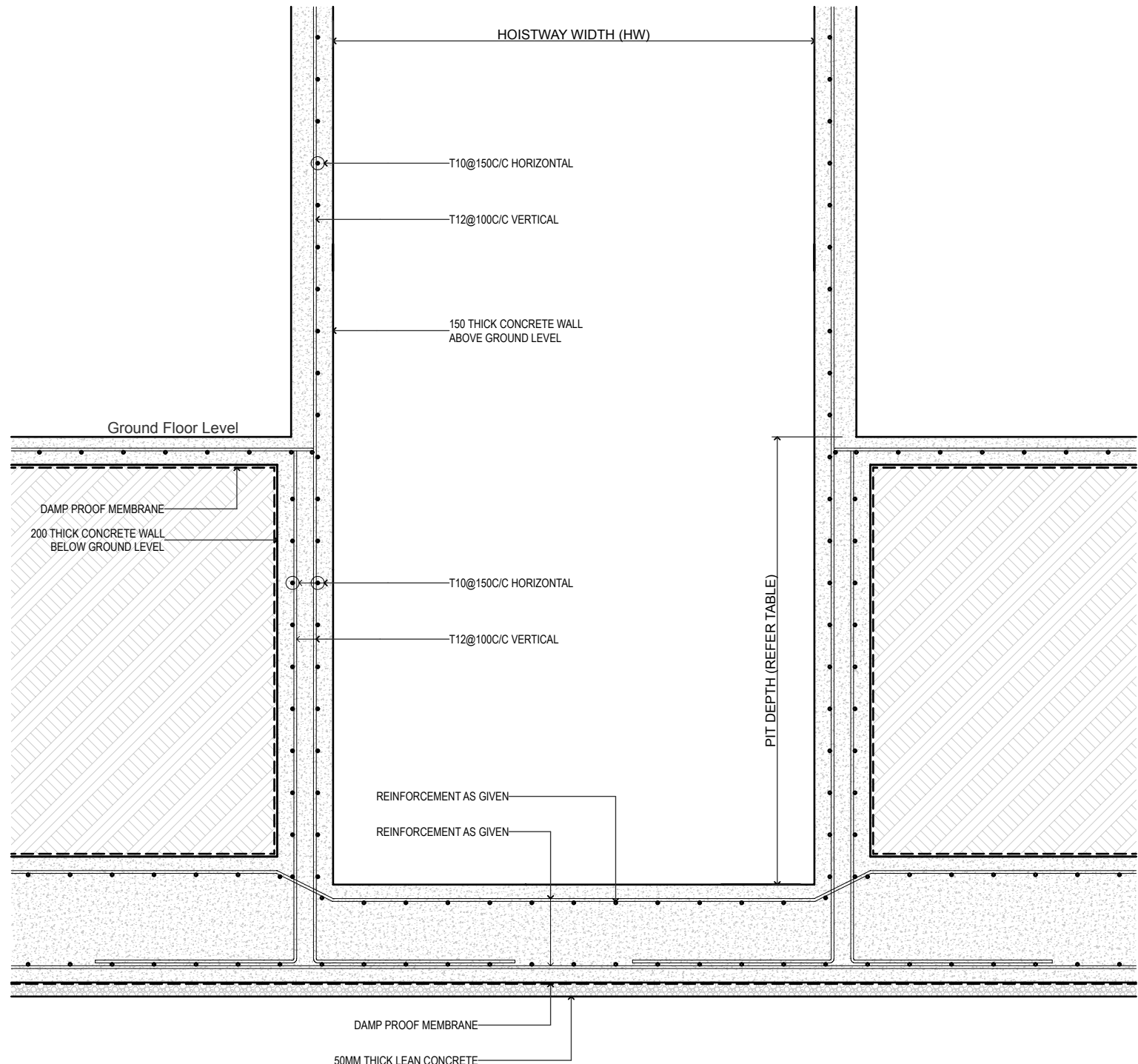
LOAD (KG)	SPEED	NO OF STOPS	RSE	CAR	HOSTWAY	DOOR	OVERHEAD	PIT DEPTH	MACHINE RM
(max)	(m/s)	RECOMMENDABLE		CD	HW	OP	K	PD	L
500 (15)	1.5	4	4.2 M	1500	2000	1000	4000	1410	2700

NOTES:
LIFT SPECIFICATIONS AND SIZES TO BE
CHECKED AND VERIFIED FROM THE
MANUFACTURER FOR THE MOST RECENT
UPDATES.

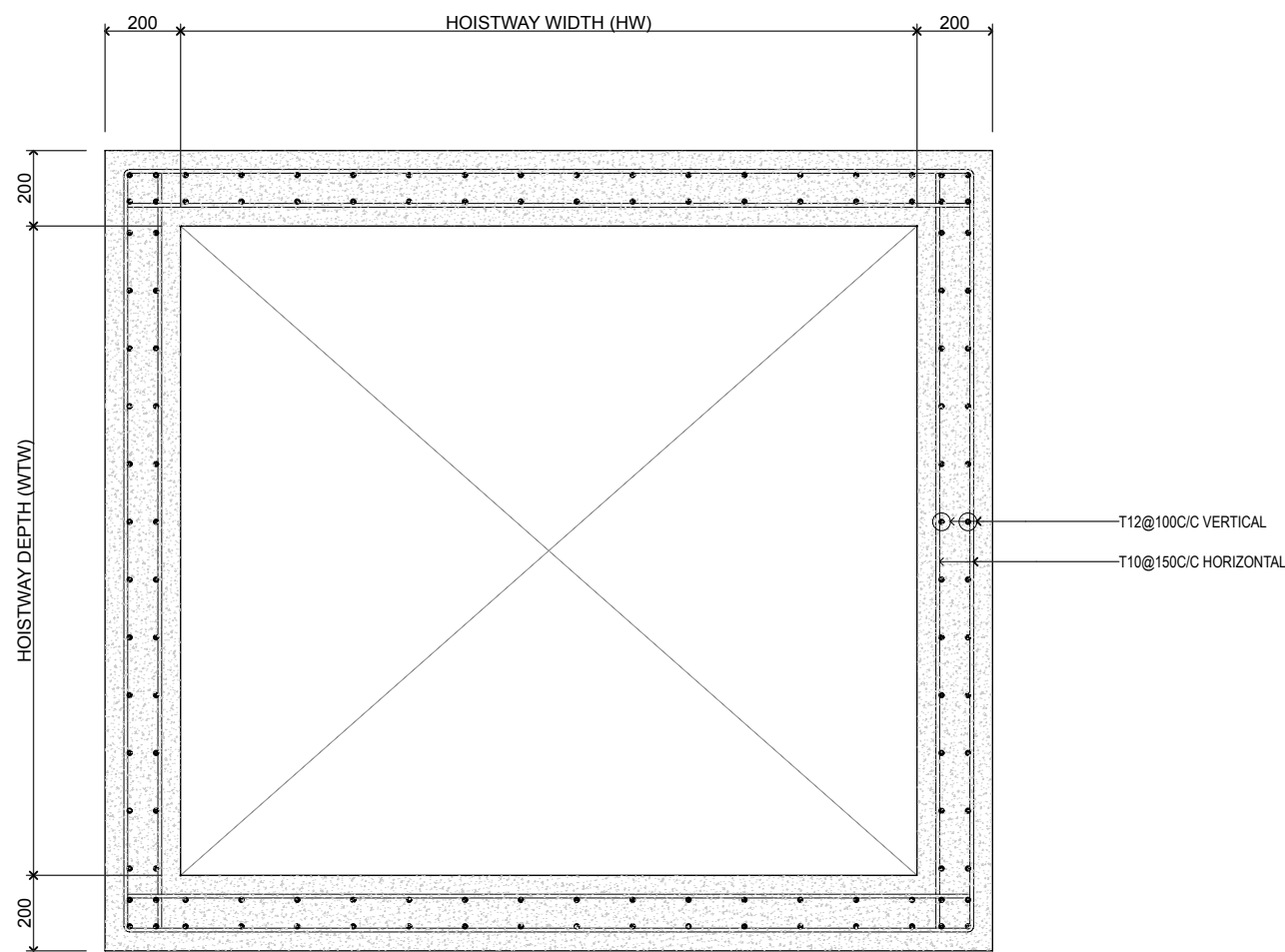
ALL DIMENSIONS ARE FINAL FINISHED
SURFACE DIMENSIONS



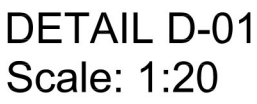
LIFT SHAFT DETAILS: PLAN, ABOVE GROUND
Scale: 1:20

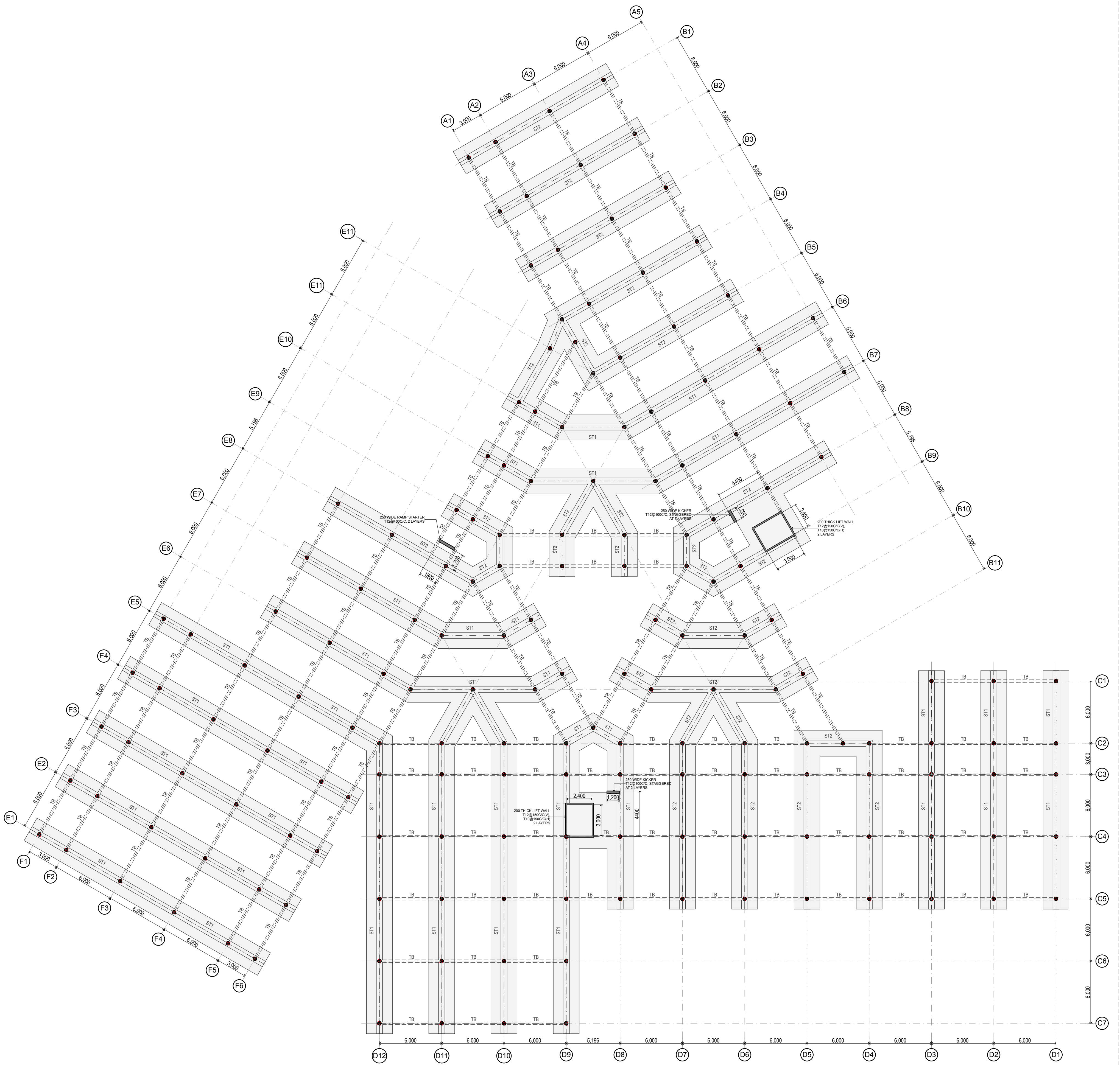


LIFT TO RAFT CONNECTION DETAILS
Scale: 1:20



LIFT SHAFT DETAILS: PLAN, BELOW GROUND
Scale: 1:20





PROPOSED 3 STOREY BUILDING AT
Manadhoo Hospital

Drawn By:
S.01
Checked By:
Ministry of Health

Sunday, 16 December 2019

Architect: Ibrahim Rashid
Engineer: Ibrahim Rashid
Designer: I.R.

EPOCH
Engineering & Construction
P.O. Box 1111, Malé, Maldives
T: +960 333 3333 F: +960 333 3334
E: info@epoch.mv W: www.epoch.mv

Rev: 1.0
Page: 1 of 1