

Scale: 1 : 200

- 200mm thick reinforced concrete wall as per engineer detail
- ▬ 125mm thick masonry block wall with 20mm plaster on exterior and 12mm plaster on interior
- ▬ 100mm thick dry wall with 12mm thick plaster board fixed to 50x75mm steel vertical members @ 600C/C and 50x75mm horizontal steel members in between @ 1200 C/C

**S.EYDHAFUSHI  
HOSPITAL**

NT:

MINISTRY OF  
HEALTH, MALDIVES

10/20/2019 2:14:57 PM

Architect: **Designers**

Author

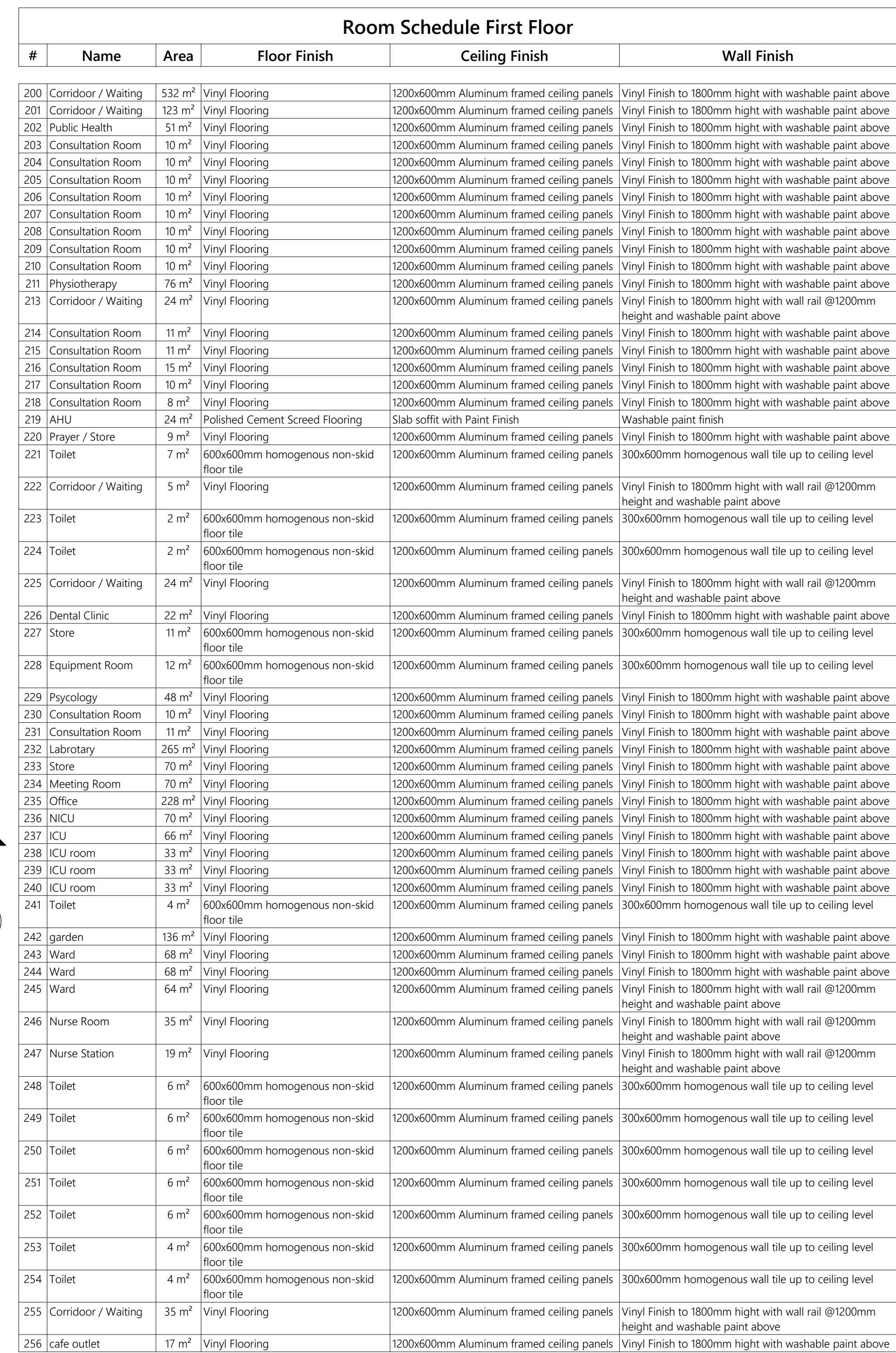
By: \_\_\_\_\_ Checker: \_\_\_\_\_



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MAhigasdhooshuge, Fareedhee Magu,  
Male', Republic of Maldives

## 02.1





Scale: 1 : 200

- 200mm thick reinforced concrete wall as per engineer detail
- ▬ 125mm thick masonry block wall with 20mm plaster on exterior and 12mm plaster on interior
- ▬ 100mm thick dry wall with 12mm thick plaster board fixed to 50x75mm steel vertical members @ 600C/C and 50x75mm horizontal steel members in between @ 1200 C/C

PROPOSED 65 STOREY BUILDING AT  
**B.EYDHAFUSHI  
HOSPITAL**

CLIENT:  
**MINISTRY OF  
HEALTH, MALDIVES**

11/10/2019 2:15:04 PM

Architect: Ismail Rasheed  
Engineer: Adam Madeeh  
Drawn By: Mohamed Hassaan



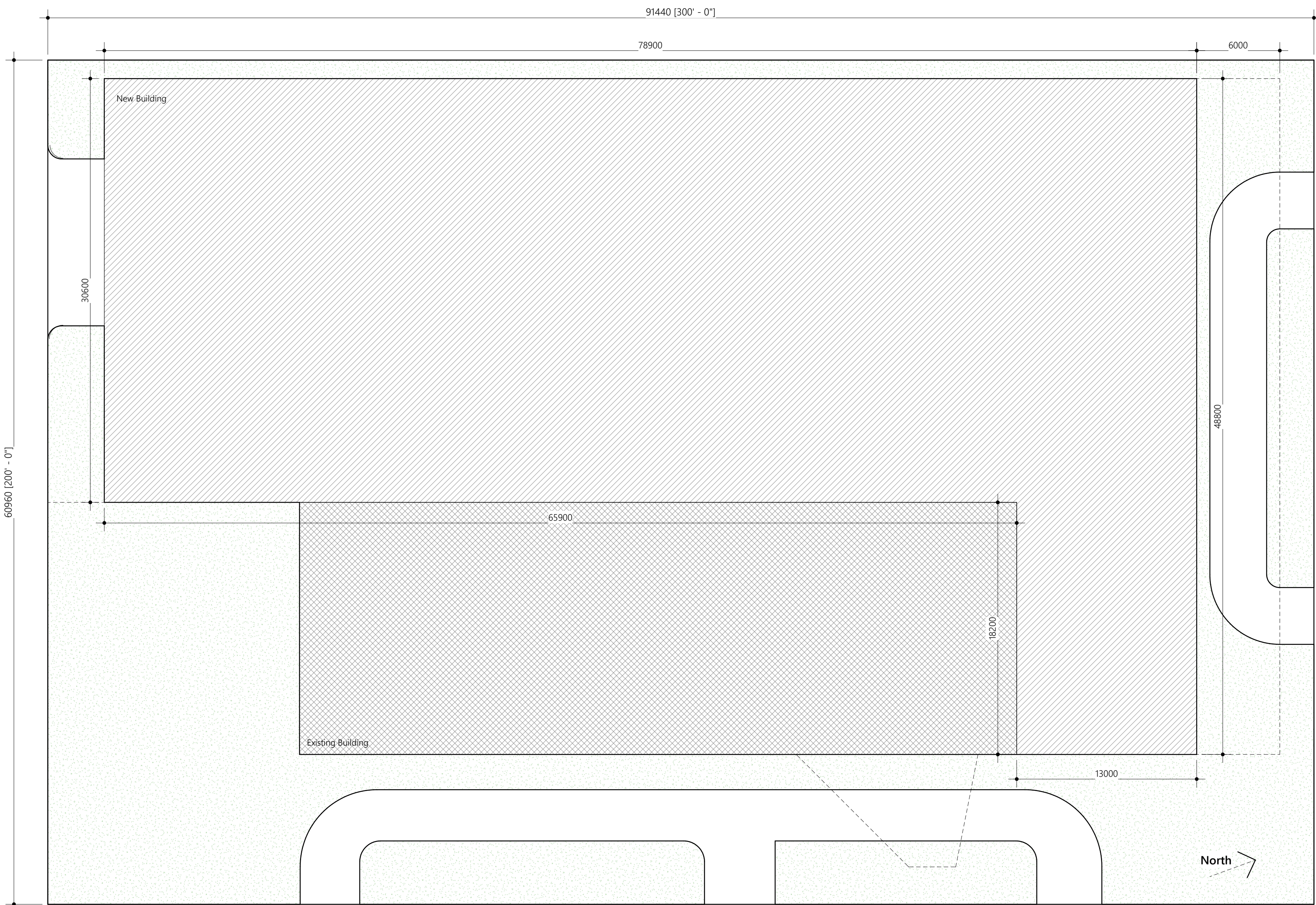
Room Schedule Second Floor					
#	Name	Area	Floor Finish	Ceiling Finish	Wall Finish
300	Corridor / Waiting	573	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with wall rail @1200mm height and washable paint above
301	Laundry	230	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
302	Nurse Station	18	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
303	Nurse Room	35	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
304	AHU	24	m² Polished Cement Screed Flooring	Slab soffit with Paint Finish	Washable paint finish
305	Prayer / Store	9	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
306	Toilet	7	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
307	Corridor / Waiting	5	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with wall rail @1200mm height and washable paint above
308	Toilet	2	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
309	Toilet	2	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
310	Nurse Room	54	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
311	Ward Room	34	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
312	Ward Room	35	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
313	Ward Room	34	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
314	Ward Room	34	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
315	Ward Room	35	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
316	Ward Room	35	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
317	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
318	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
319	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
320	Ward Room	47	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
321	Ward Room	47	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
322	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
323	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
324	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
325	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
326	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
327	Nurse Station	26	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
328	garden	518	m² 500x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
329	balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
330	balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
331	balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
332	Balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
333	Balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
334	Balcony	10	m² 600x600mm homogenous non-skid floor tile	Slab soffit with Paint Finish	Washable paint finish
335	Ward	68	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
336	Ward	68	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
337	Ward	68	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
338	Ward	93	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
339	Ward	93	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
340	Ward	93	m² Vinyl Flooring	1200x600mm Aluminum framed ceiling panels	Vinyl Finish to 1800mm high with washable paint above
341	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
342	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
343	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
344	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
345	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
346	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
347	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
348	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
349	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
350	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
351	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level
352	Toilet	6	m² 600x600mm homogenous non-skid floor tile	1200x600mm Aluminum framed ceiling panels	300x600mm homogenous wall tile up to ceiling level



### 3. SECOND FLOOR LEVEL

Scale: 1 : 200





**SITE PLAN**  
Scale: 1 : 200

PROPOSED 03 STOREY BUILDING AT

**B.EYDHAFUSHI  
HOSPITAL**

CLIENT:

**MINISTRY OF  
HEALTH, MALDIVES**

11/10/2019 2:08:40 PM

Architect: Designer

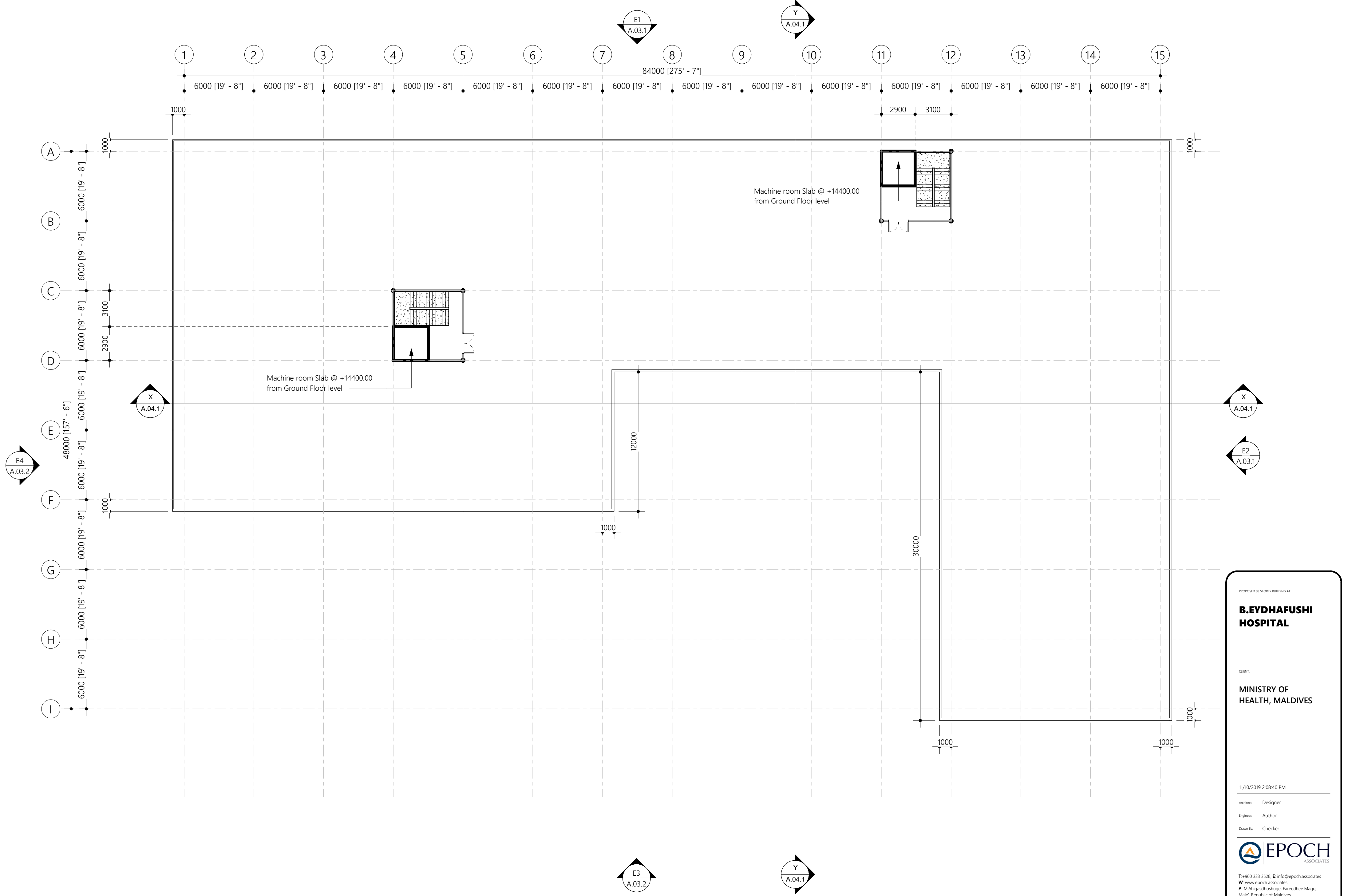
Engineer: Author

Drawn By: Checker



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A: M.Ahigashoshuge, Fareedhee Magu,  
Male', Republic of Maldives





#### 4. TERRACE SLAB LEVEL

Scale: 1 : 200

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CLIENT:

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HEALTH, MALDIVES

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Architect: Designer

Engineer: Author

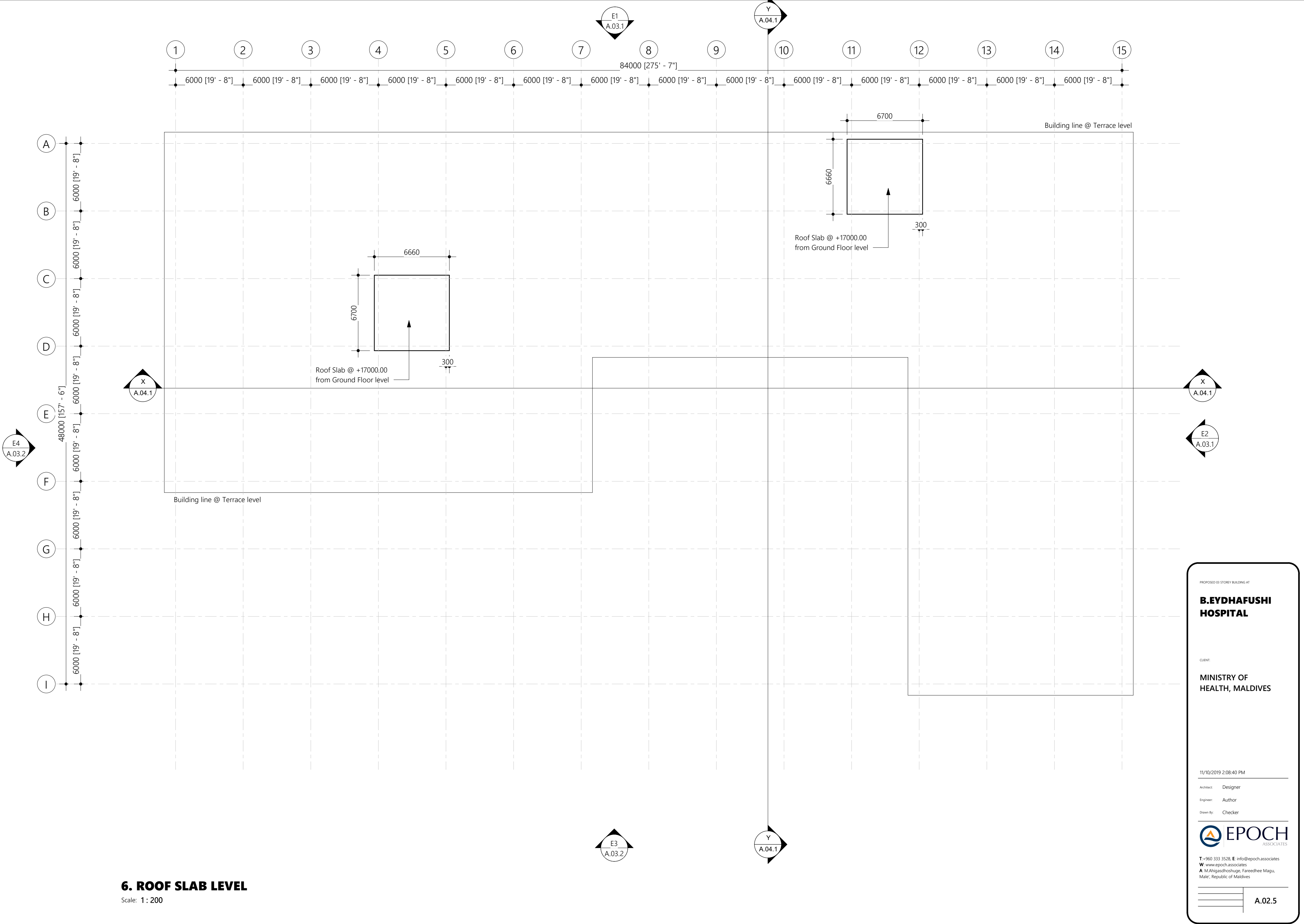
Drawn By: Checker



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A: M.Ahigashoshuge, Fareedhee Magu,  
Male', Republic of Maldives

A.02.4





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**MINISTRY OF  
HEALTH, MALDIVES**

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Architect: Designer

Engineer: Author

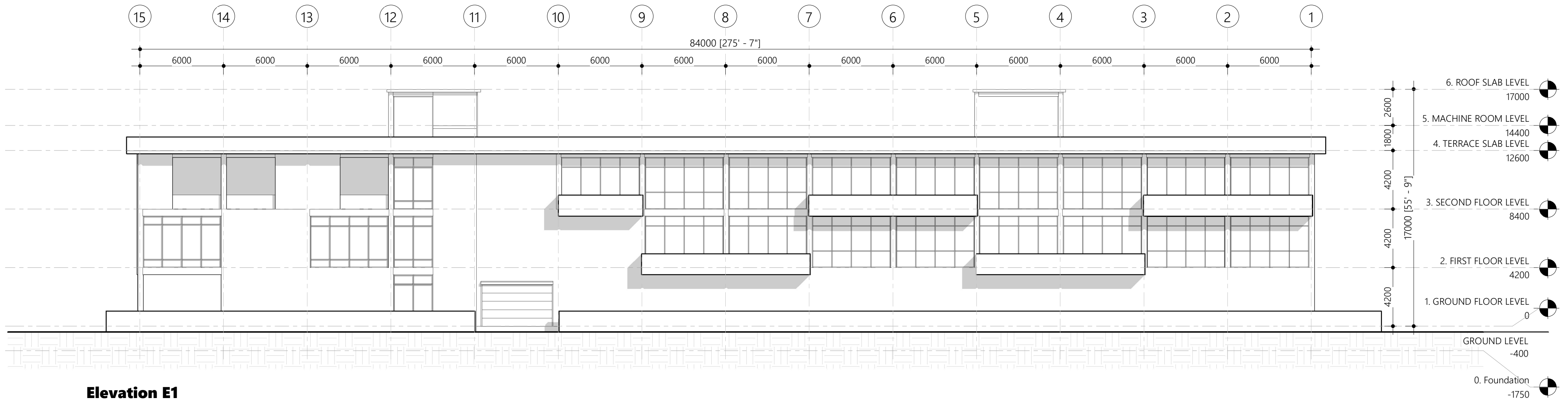
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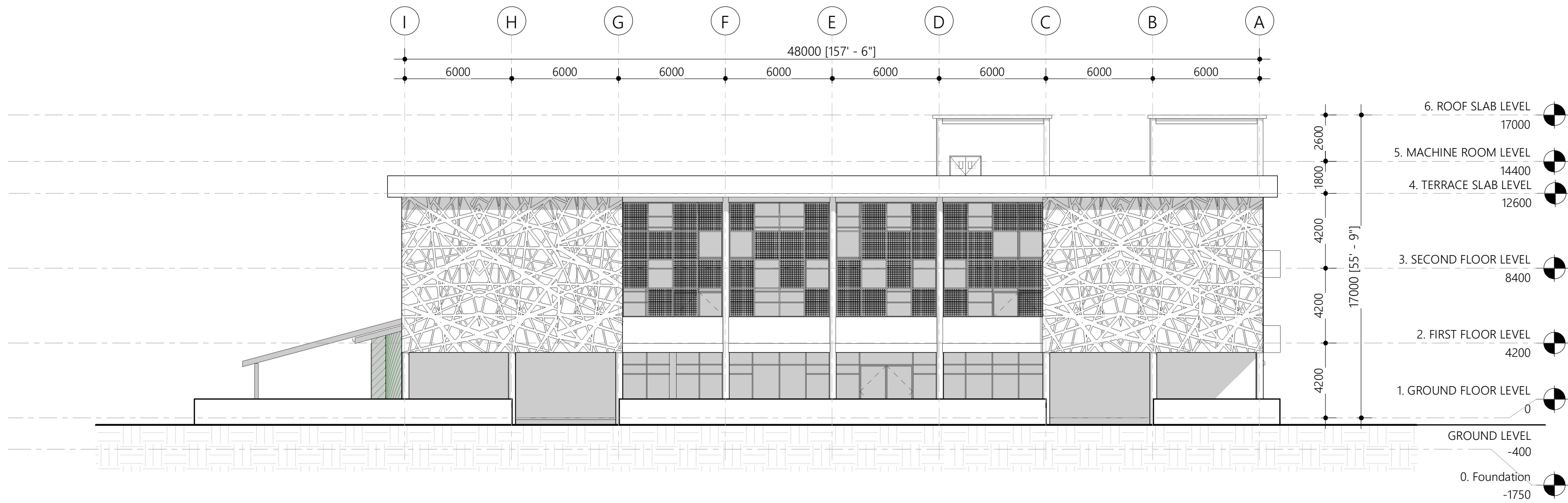
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Male', Republic of Maldives

A.02.5





**Elevation E1**  
Scale: 1 : 200



**Elevation E2**  
Scale: 1 : 200

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5/16/2020 11:52:32 AM

Architect: Ismail Rasheed

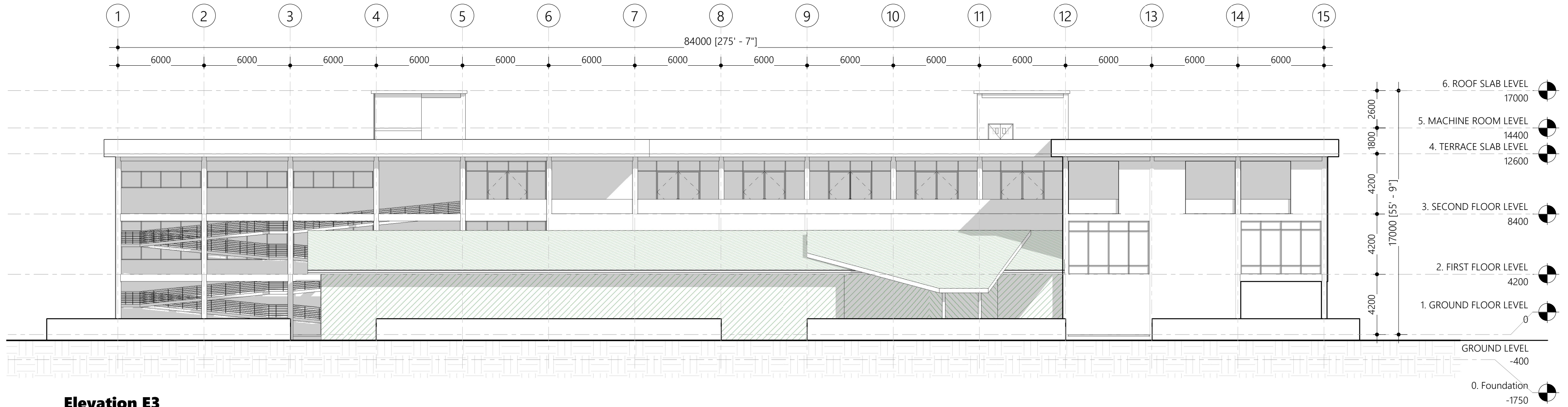
Engineer: Ihsaan Waheed

Drawn By: Mohamed Hassan

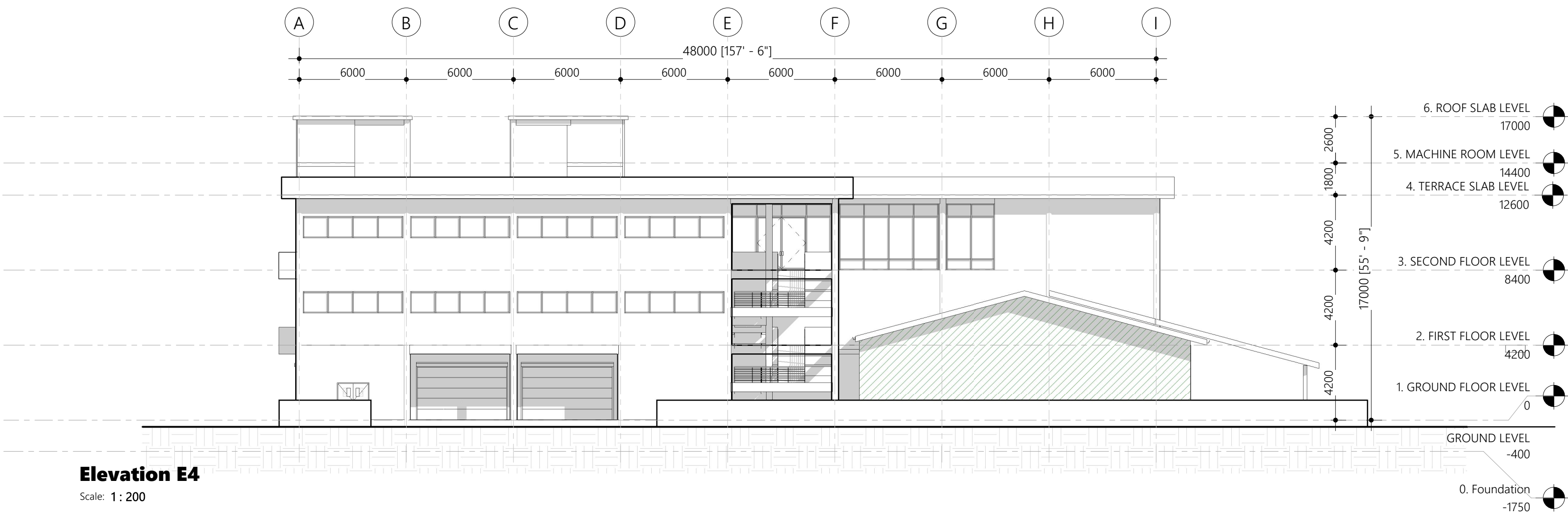


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**Elevation E3**  
Scale: 1 : 200



**Elevation E4**  
Scale: 1 : 200

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Architect: Designer

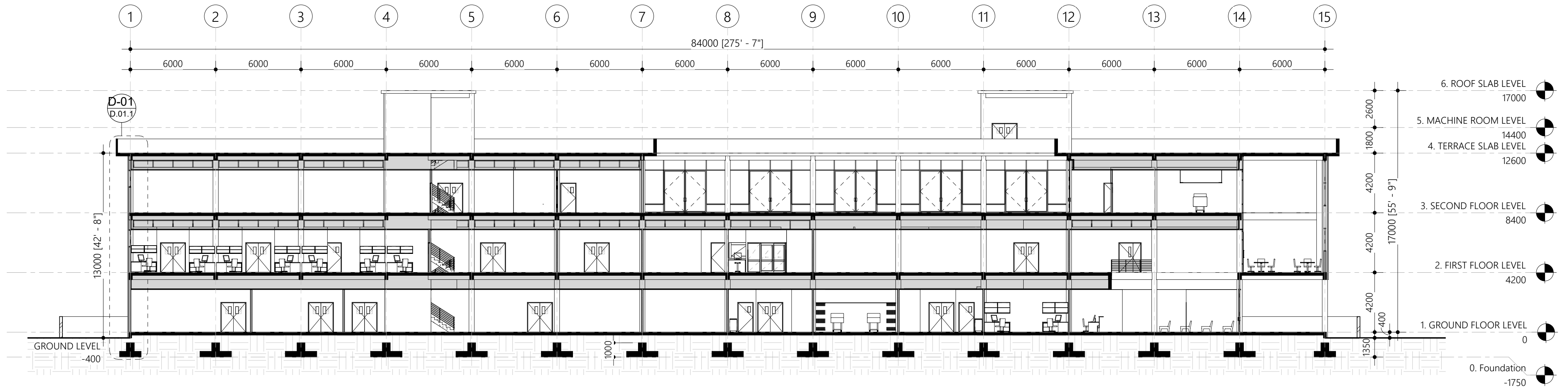
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Drawn By: Checker



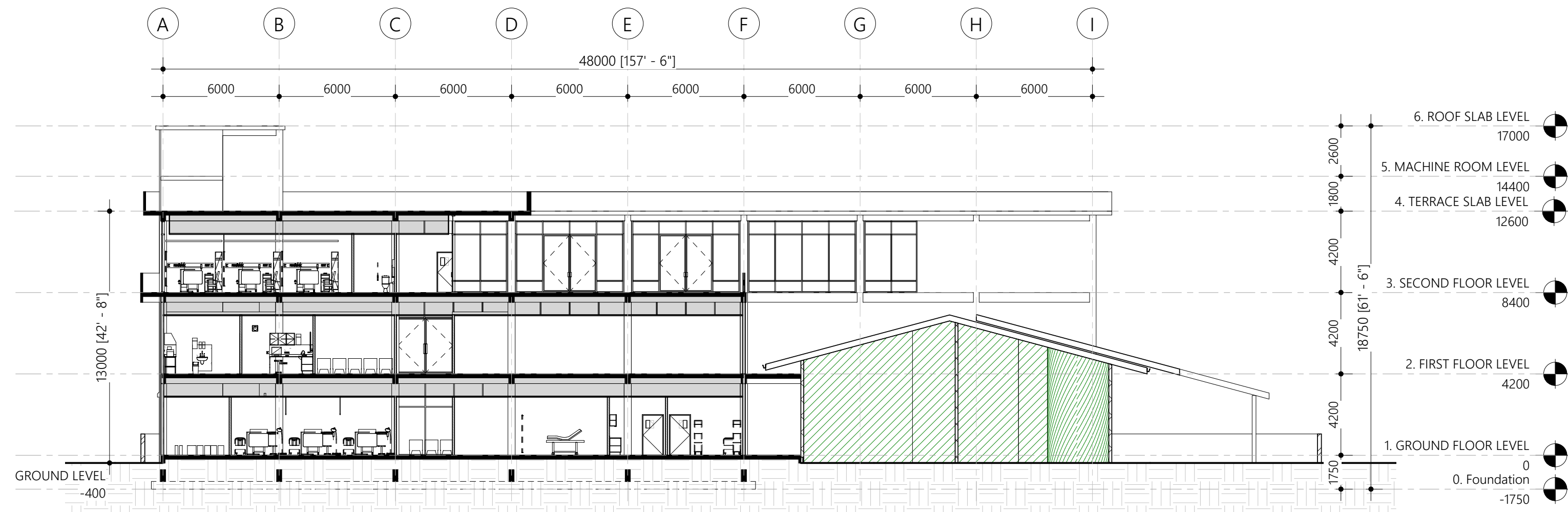
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## Section X-X

Scale: 1: 200



## Section Y-Y

Scale: 1: 200

PROPOSED 03 STOREY BUILDING AT

## B.EYDHAFUSHI HOSPITAL

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Architect: Designer

Engineer: Author

Drawn By: Checker

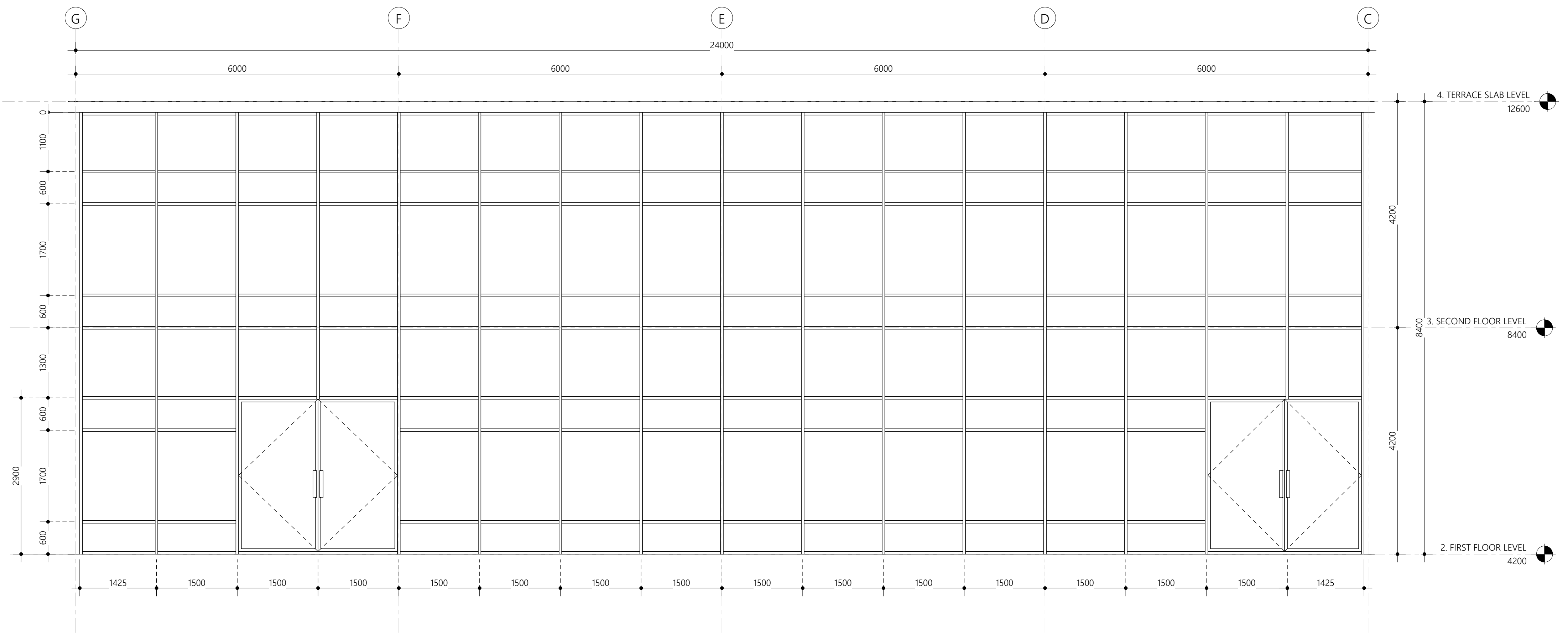


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Male', Republic of Maldives

A.04.1







Curtain wall detail

Scale: 1 : 50

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Architect: Designer

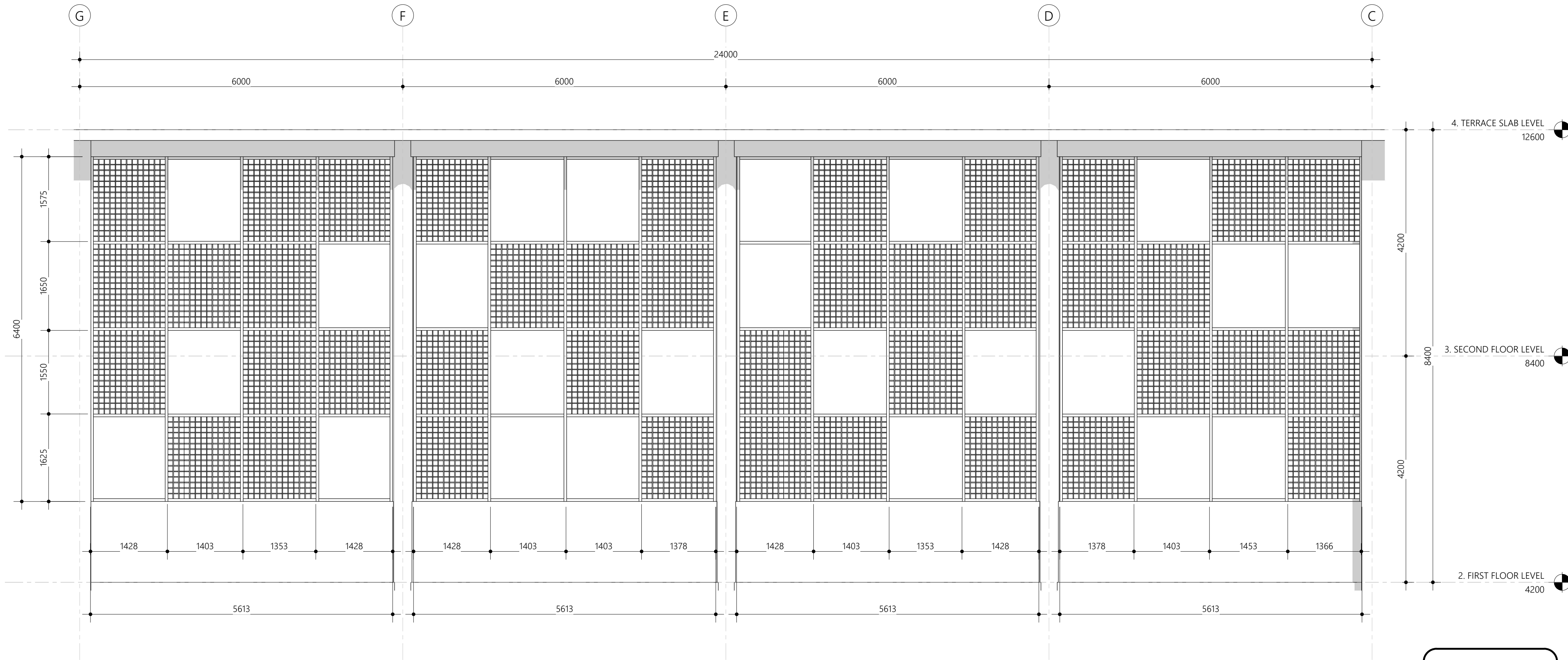
Engineer: Author

Drawn By: Checker



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Shading panel detail

Scale: 1 : 50

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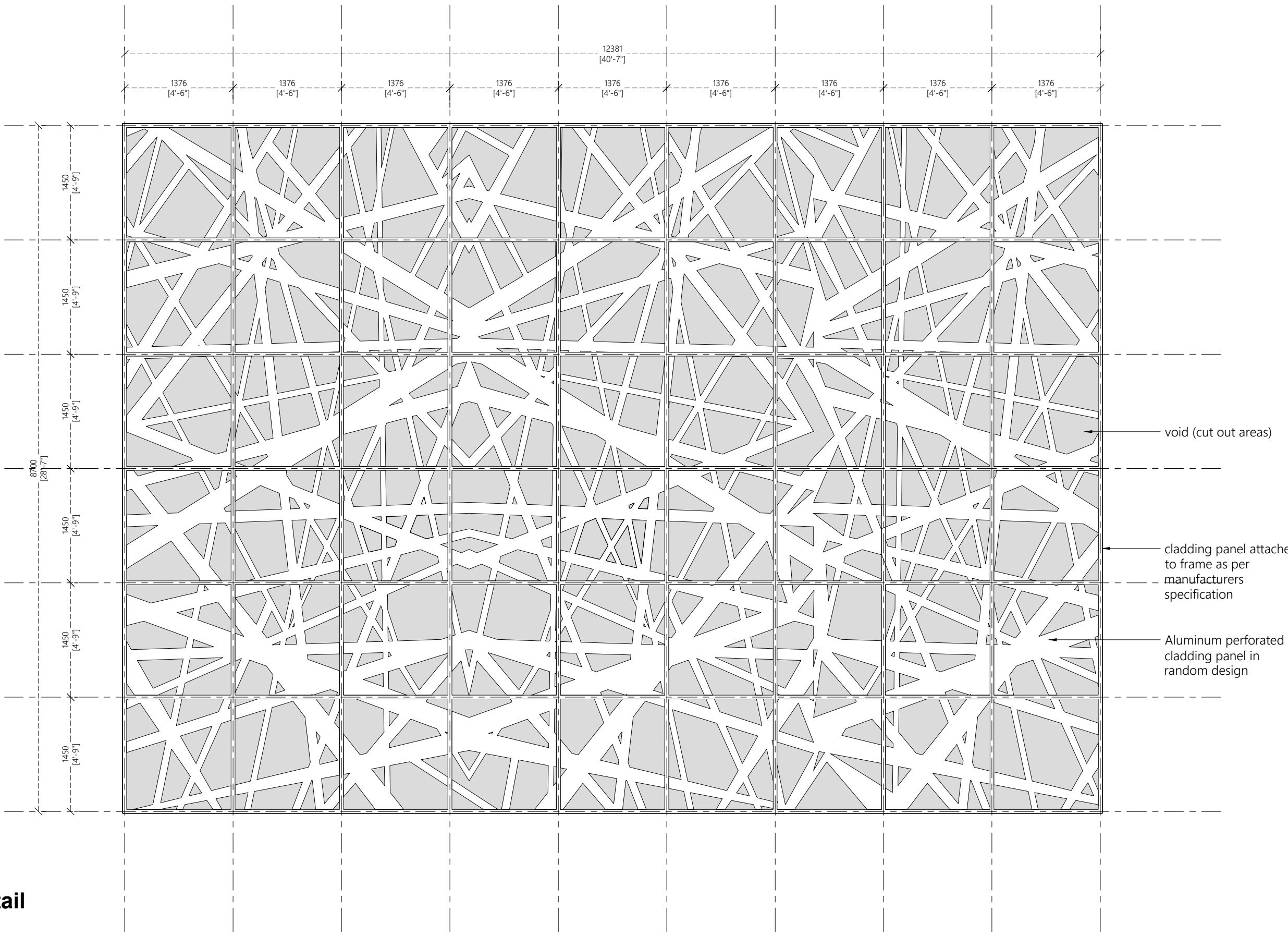
Architect: Designer

Engineer: Author

Drawn By: Checker



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Elevation Cladding detail

Scale: 1 : 50

Note:  
Frames shall be fixed to structural elements with pre-anchored bolts and frames spacing and sizes shall be adjusted based on manufacturers recommendation and approved by consultant prior to fabrication

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Architect: Designer

Engineer: Author

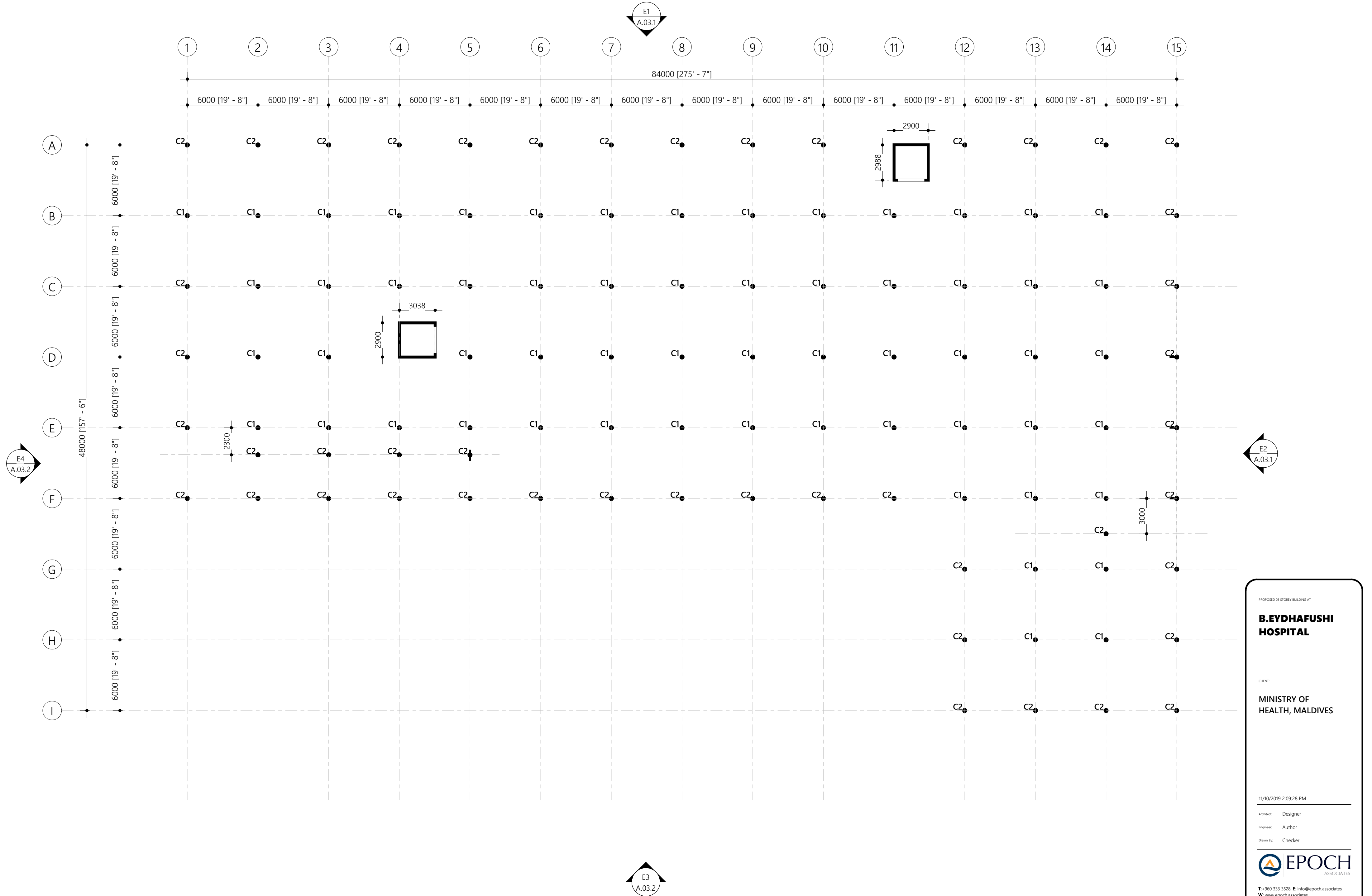
Drawn By: Checker

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D.01.9





0. COLUMN LAYOUT

Scale: 1 : 200

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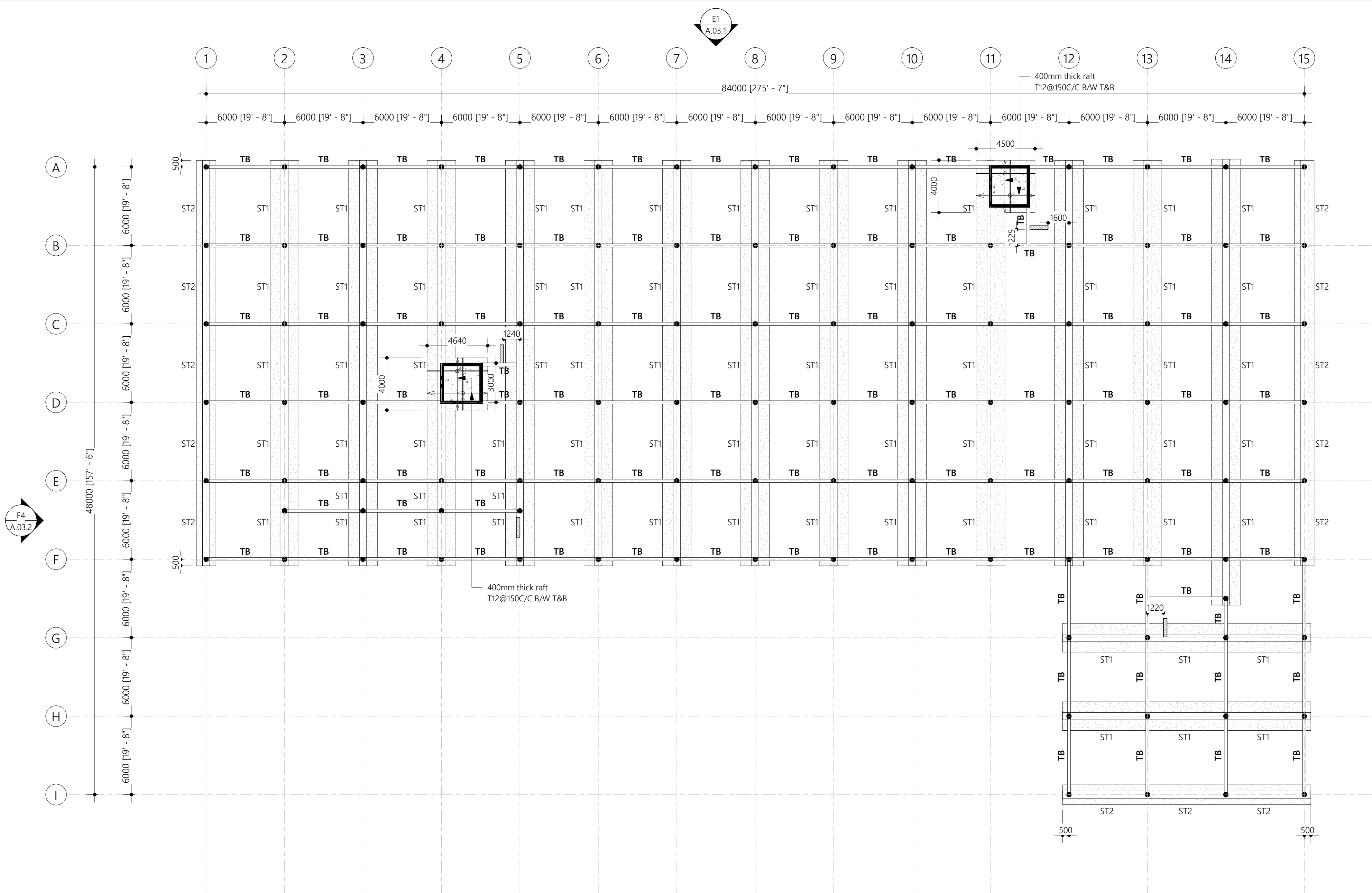
Architect: Designer

Engineer: Author

Drawn By: Checker



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## 1. FOUNDATION

Scale: 1: 200

Note:  
Foundation depth = 1350

■ Stair Starter and Ramp Starter

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Architect: Designer

Engineer: Author

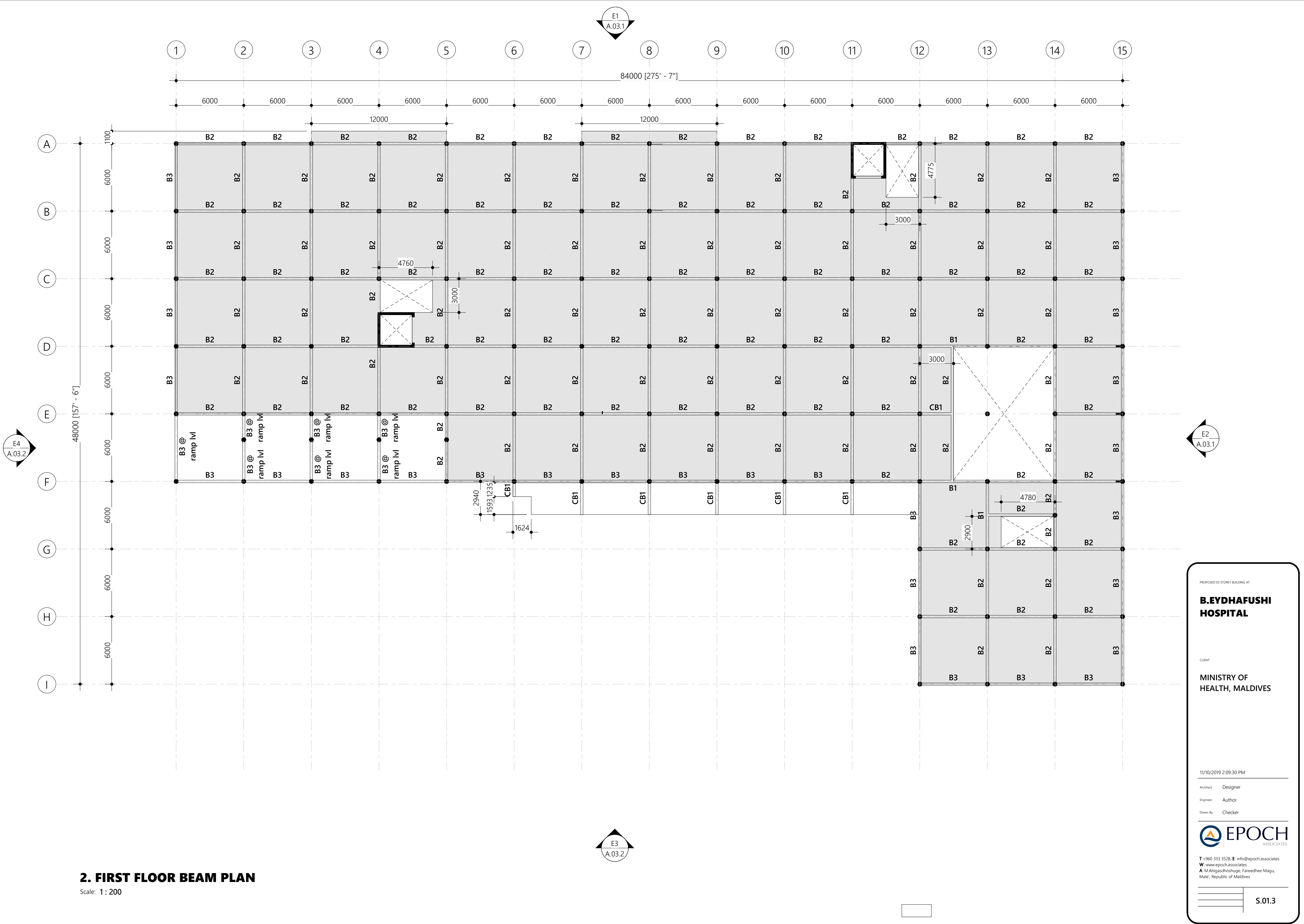
Drawn By: Checker



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S.01.2





2. FIRST FLOOR BEAM PLAN

Scale: 1 : 200

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Architect: Designer

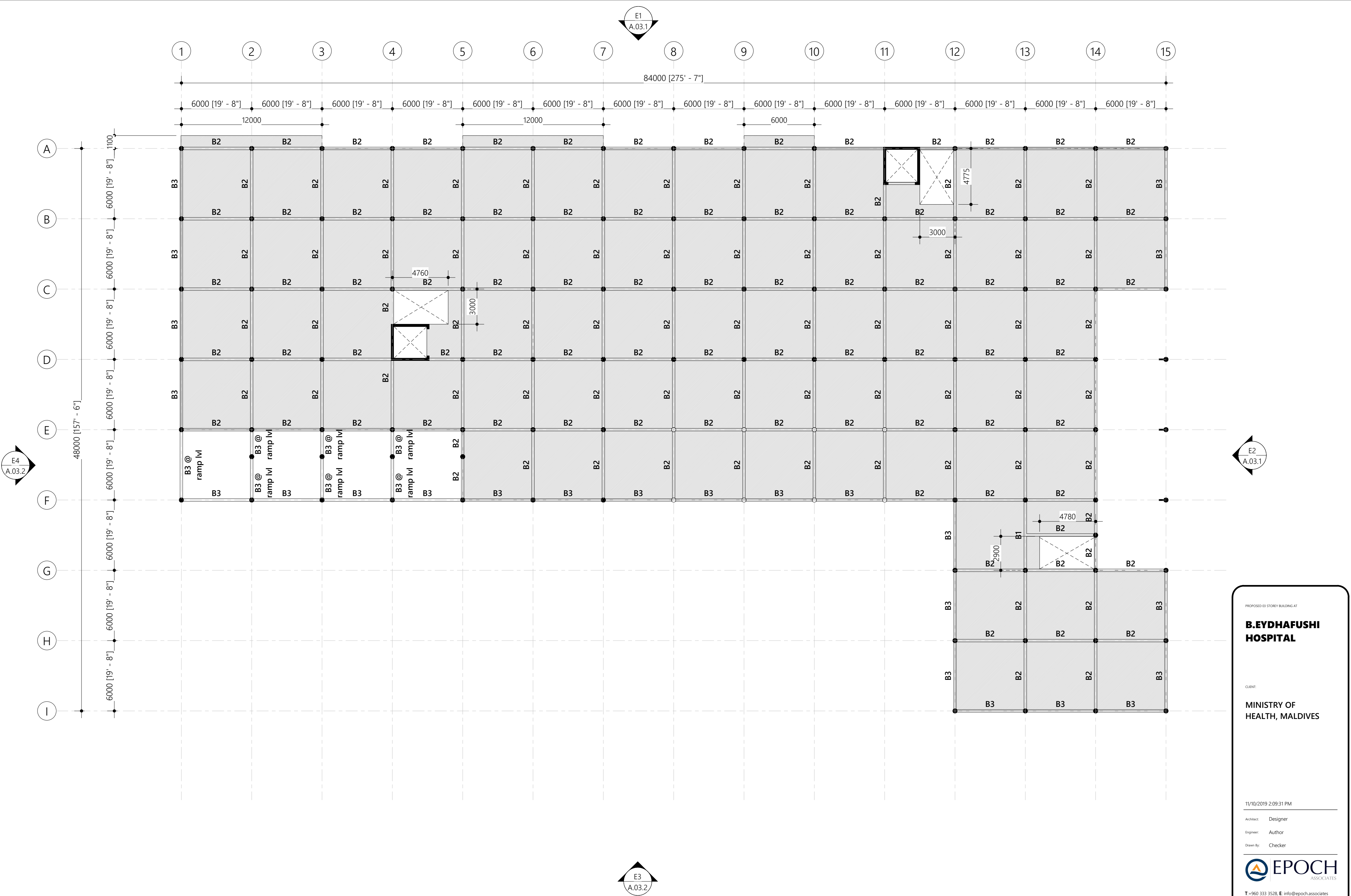
Engineer: Author

Drawn By: Checker



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S.01.3



3. SECOND FLOOR BEAM PLAN

Scale: 1 : 200

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HEALTH, MALDIVES

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Architect: Designer

Engineer: Author

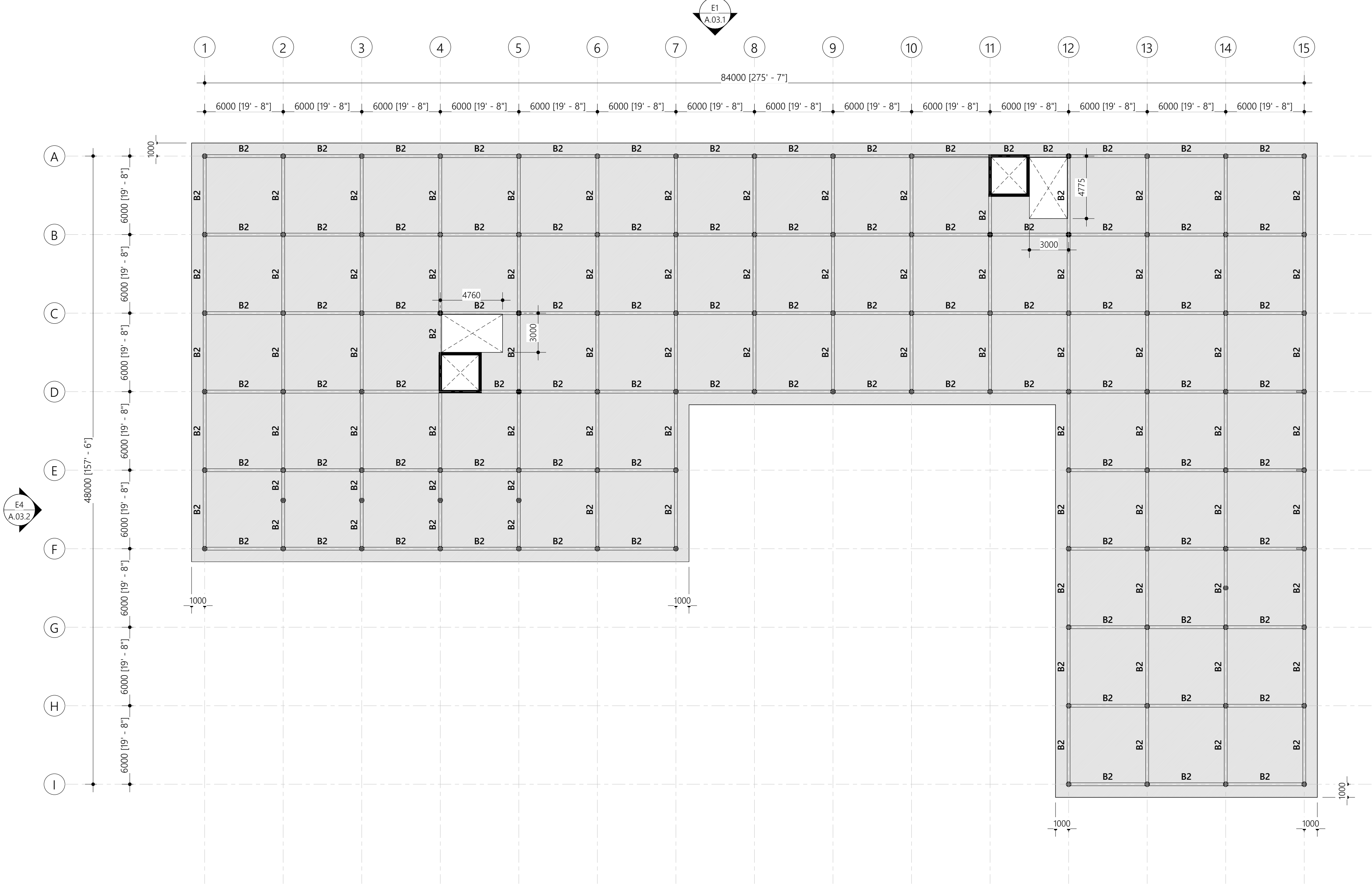
Drawn By: Checker



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S.01.4





4. TERRACE BEAM PLAN

Scale: 1 : 200

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Architect: Designer

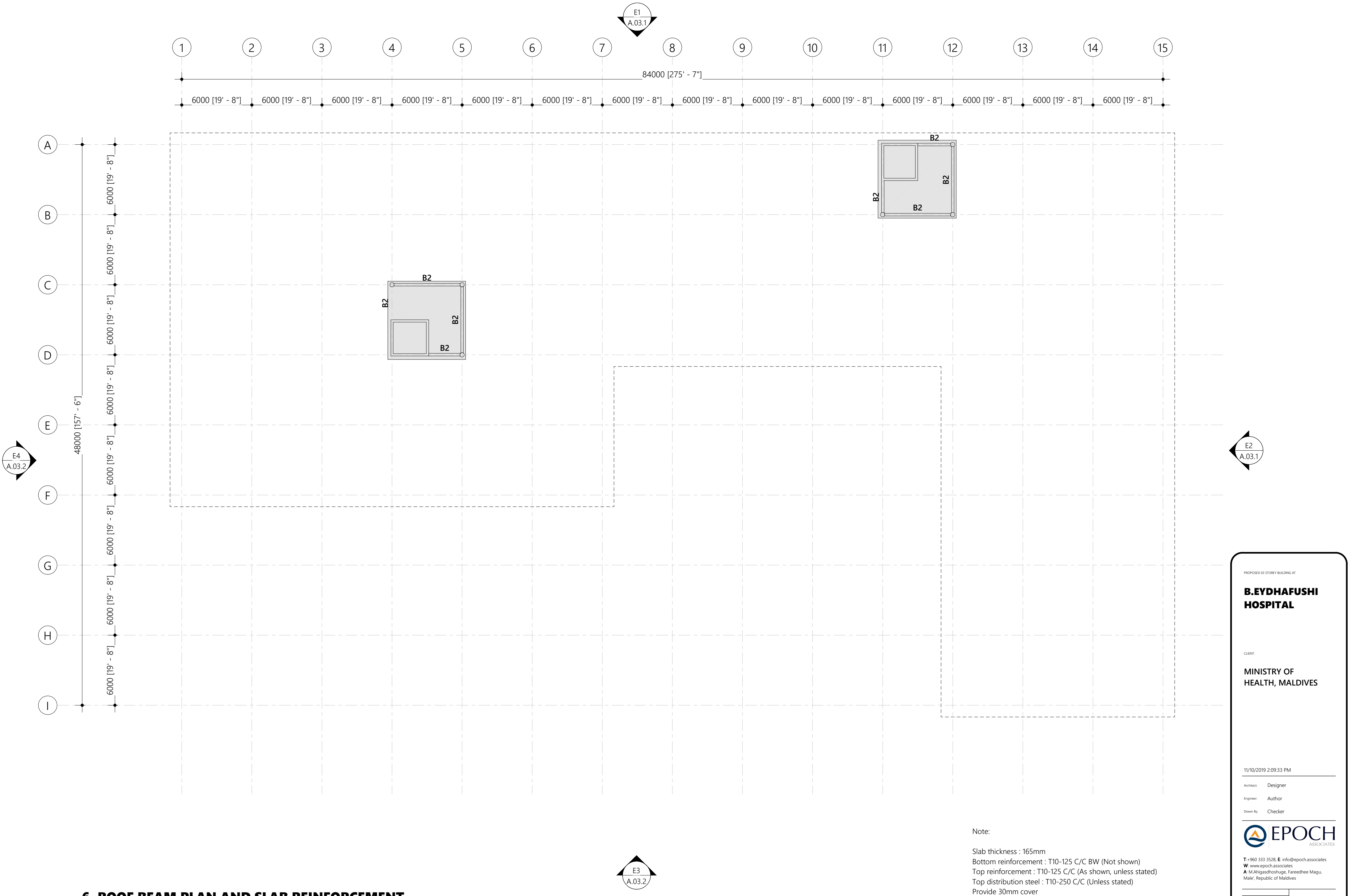
Engineer: Author

Drawn By: Checker



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S.01.5



PROPOSED 03 STOREY BUILDING AT

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Architect: Designer

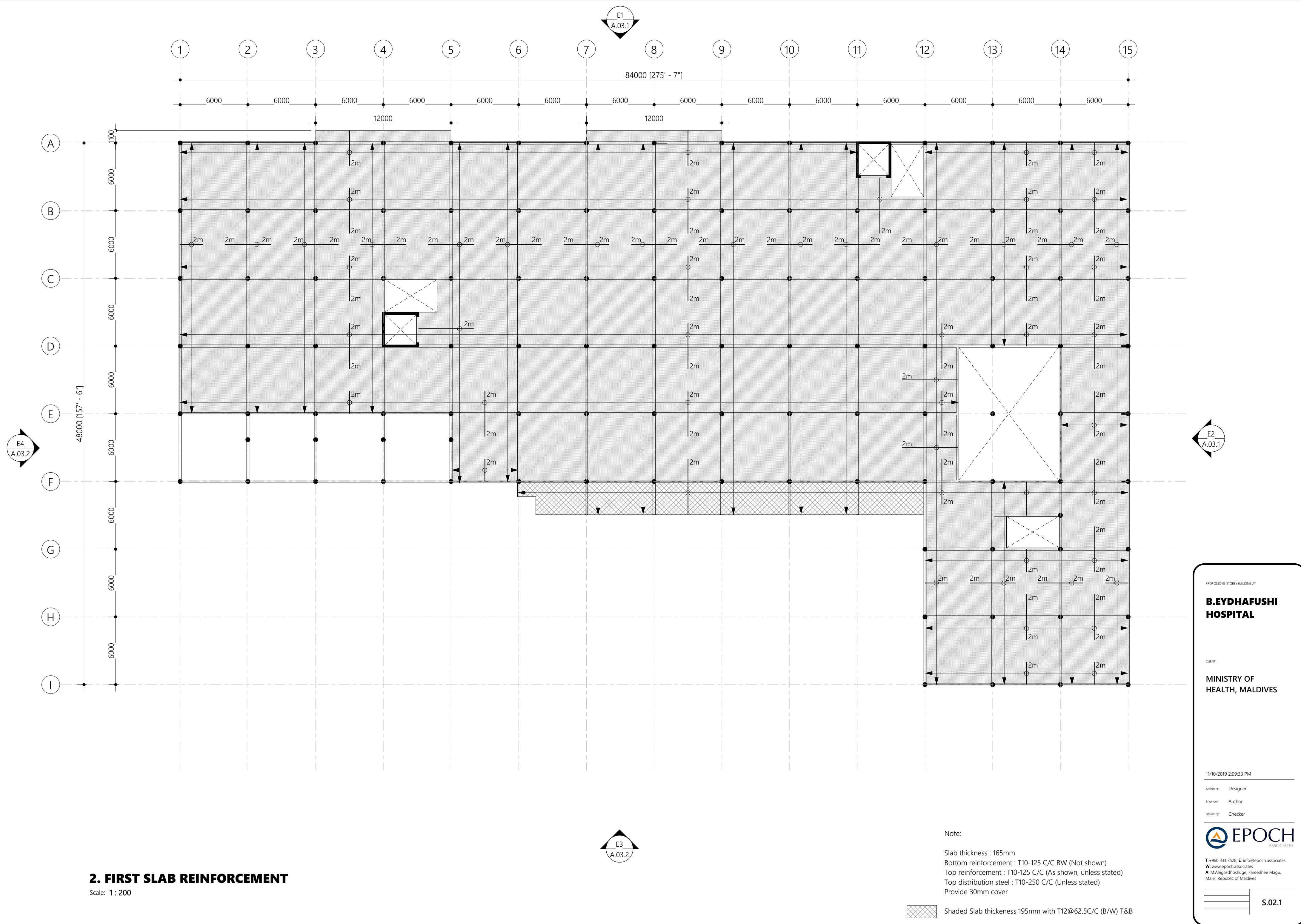
Engineer: Author

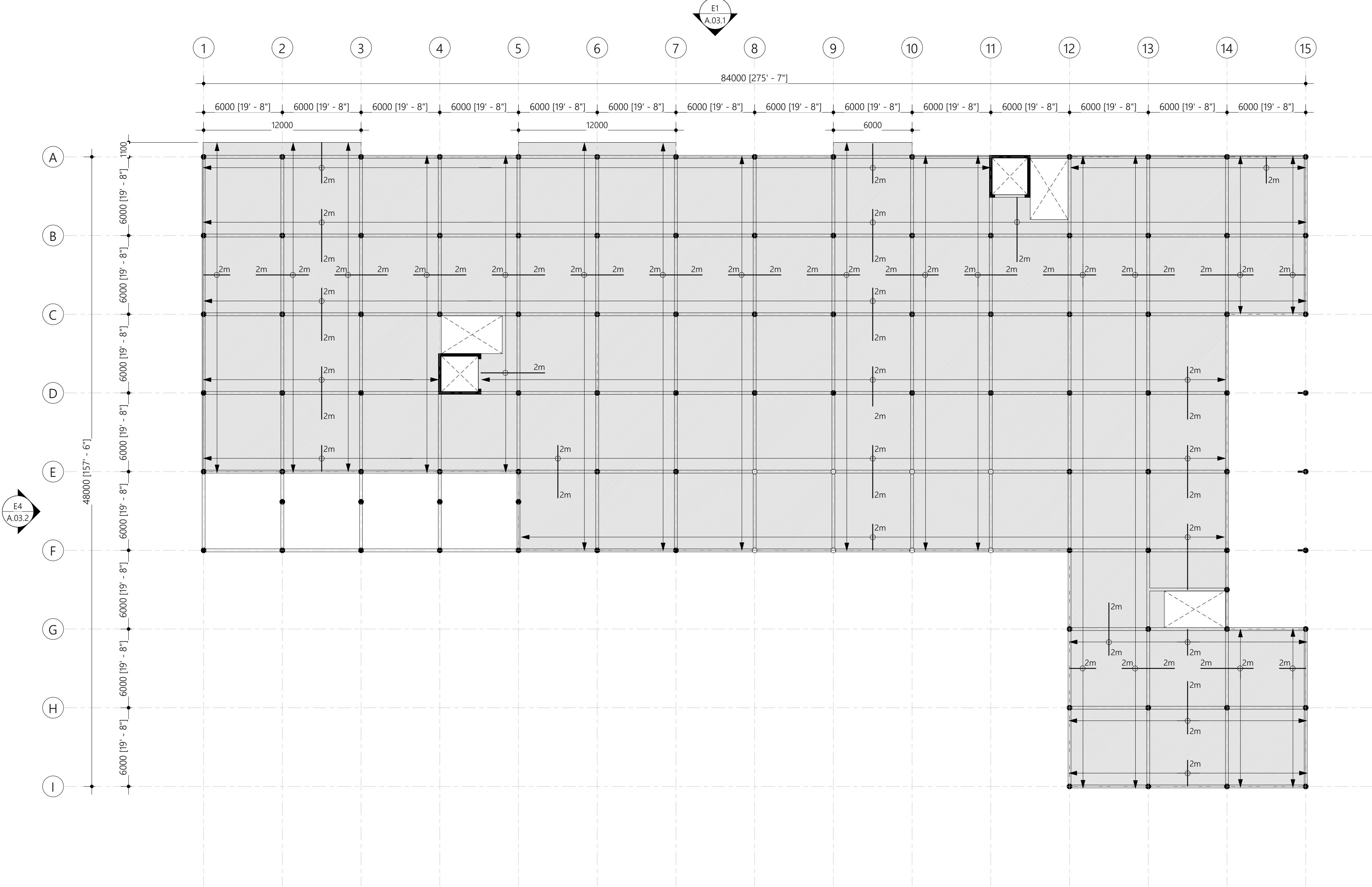
Drawn By: Checker



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W: www.epoch.associates  
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Male', Republic of Maldives







3. SECOND SLAB REINFORCEMENT

Scale: 1 : 200

Note:  
Slab thickness : 165mm  
Bottom reinforcement : T10-125 C/C BW (Not shown)  
Top reinforcement : T10-125 C/C (As shown, unless stated)  
Top distribution steel : T10-250 C/C (Unless stated)  
Provide 30mm cover

PROPOSED 03 STOREY BUILDING AT

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**MINISTRY OF  
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Architect: Designer

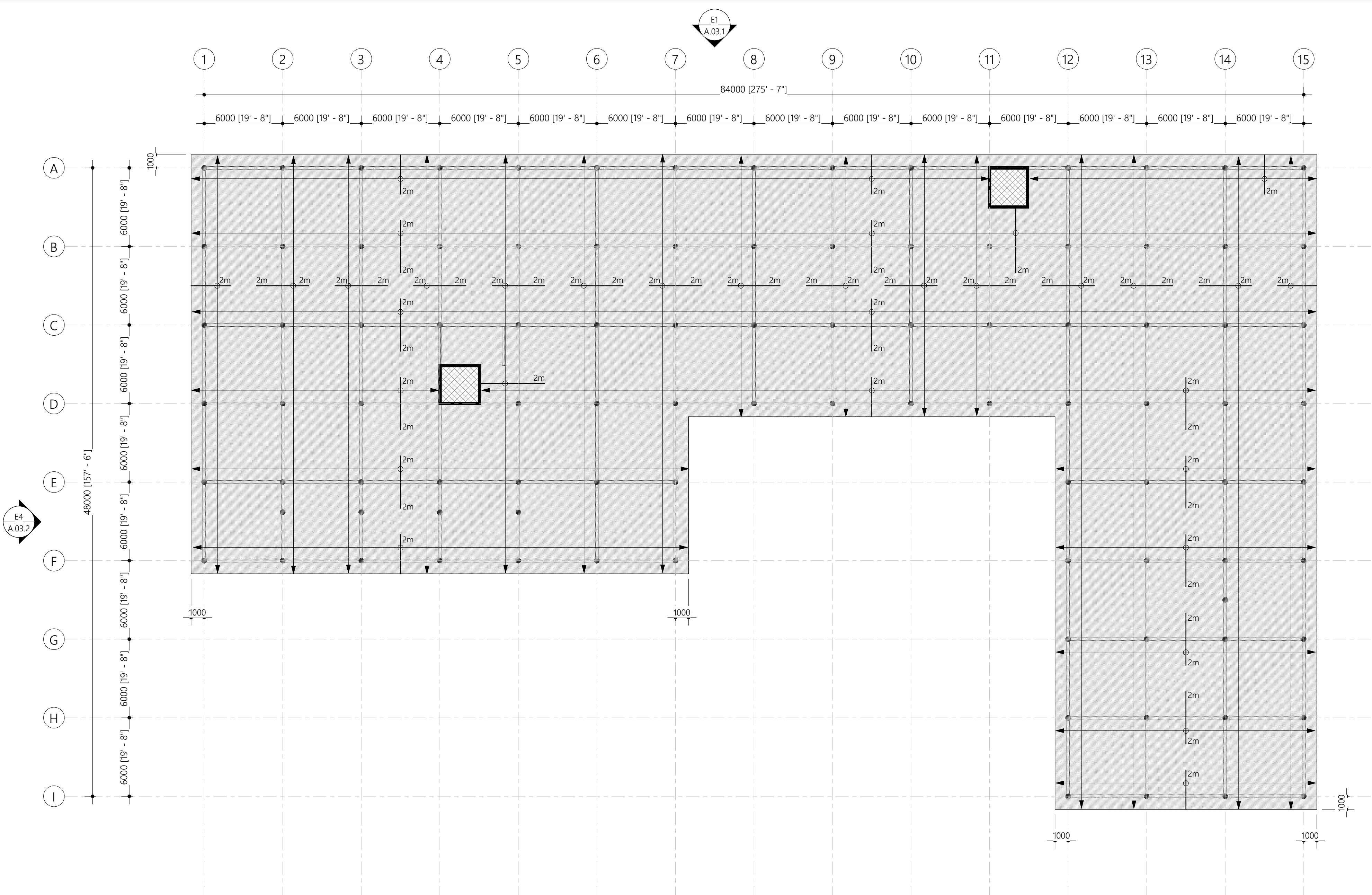
Engineer: Author

Drawn By: Checker



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W: www.epoch.associates  
A: M.Ahigashdoshuge, Fareedhee Magu,  
Male', Republic of Maldives





#### 4. TERRACE SLAB REINFORCEMENT

Scale: 1 : 200

Note:

Slab thickness : 165mm  
Bottom reinforcement : T10-125 C/C BW (Not shown)  
Top reinforcement : T10-125 C/C (As shown, unless stated)  
Top distribution steel : T10-250 C/C (Unless stated)  
Provide 30mm cover



165mm thick machine room Slab @ +14400.00 from Ground Floor level  
Reinforcement: T10@ 125 C/C B/W T&B

PROPOSED 03 STOREY BUILDING AT

#### B.EYDHAFUSHI HOSPITAL

CLIENT:

MINISTRY OF HEALTH, MALDIVES

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Architect: Designer

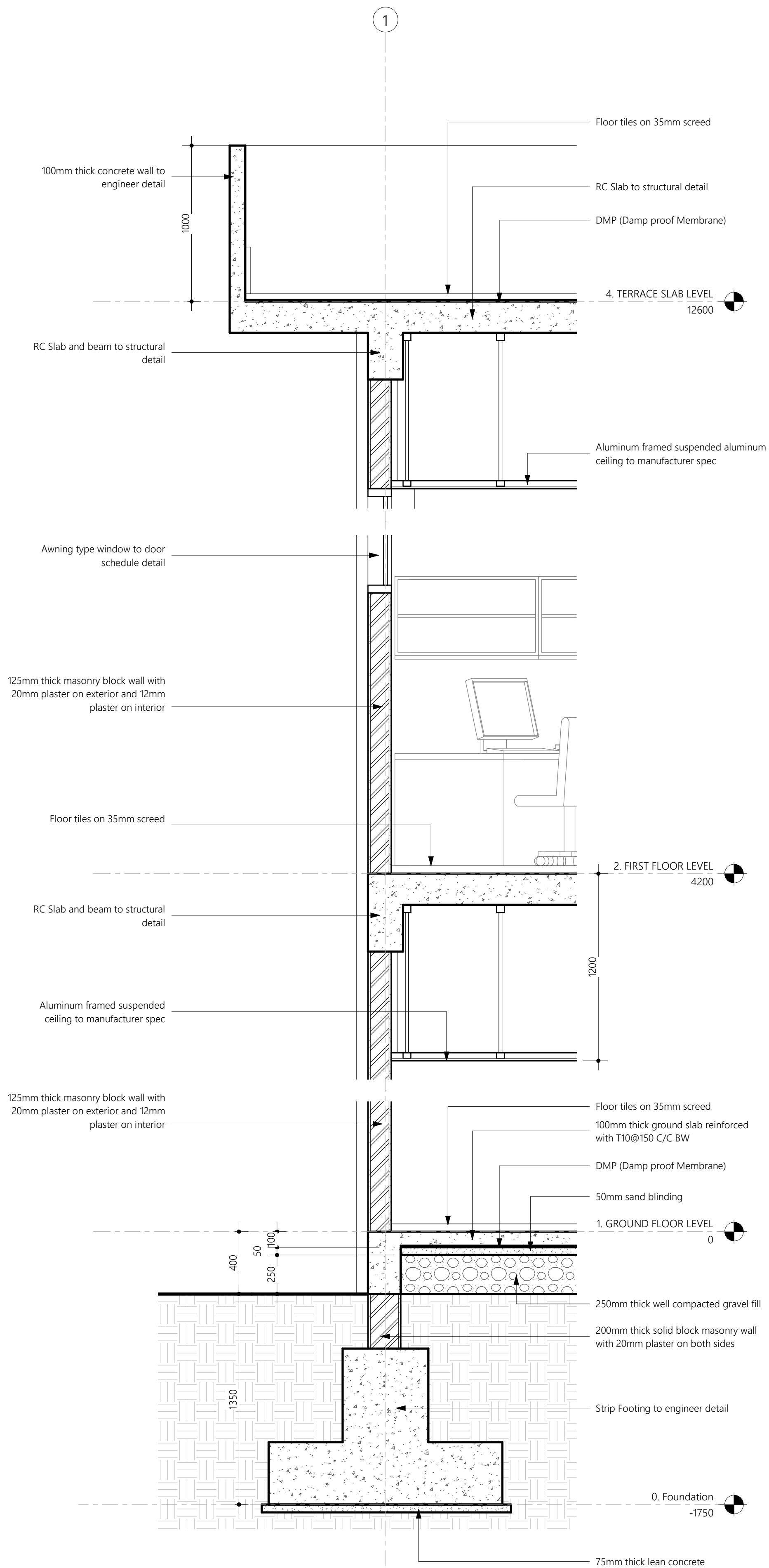
Engineer: Author

Drawn By: Checker



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S.02.3



**Detail D-01**

Scale: 1 : 20

PROPOSED 03 STOREY BUILDING AT

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HOSPITAL**

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11/10/2019 2:10:28 PM

Architect: Designer

Engineer: Author

Drawn By: Checker



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A: M.Ahigashdhuge, Fareedhee Magu,  
Male', Republic of Maldives

D.01.1



Door ID	D1	D2	D3	D4	D5	D6	G1
Plan view							
Elevation view							
FFL							
Frame material	GRP (Glass reinforced polyester)	GRP (Glass reinforced polyester)	GRP (Glass reinforced polyester)	GRP (Glass reinforced polyester)	GRP (Glass reinforced polyester)	GRP (Glass reinforced polyester)	White powder coated aluminum
Panel material	hermetically hygienic sealed GRP doors	GRP (Glass reinforced polyester)	hermetically hygienic sealed GRP doors	GRP (Glass reinforced polyester)	hermetically hygienic sealed GRP doors	hermetically hygienic sealed GRP doors	White powder coated aluminum
Openable area	-	-	-	-	-	-	-

Door ID	SD1	SD1	SD2
Plan view			
Elevation view			
FFL			
Frame material	Black Powder Coated Aluminium	Black Powder Coated Aluminium	Black Powder Coated Aluminium
Panel material	Reflective Glass	Reflective Glass	Reflective Glass
Openable area	9.3	-	6.10

General Notes:
Dimensions shown on DWG indicate effective openings of frame
All frame depths are 100mm
All dor 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 12X12mm hardwood beading fixed to frames by brass nails
All hardware should be provided for the performance of all functions of the units
Hinges shall conform to
1. Door size more than 700X1900mm
WD: 125mm X2 sets
SD: 150mm X3 sets
2. Door size less than 700X1900mm
WD: 100mm X2 sets
SD: 125mm X2 sets
Locks shall be cylindrical with master key sets
Door knobs shall be 1000mm above FFL

PROPOSED 03 STOREY BUILDING AT  
B.EYDHAFUSHI  
HOSPITAL

Client:  
MINISTRY OF HEALTH,  
MALDIVES

June 2019

Architect: Mohamed Hassaan  
Engineer: Ihsaan Waheed  
Drawn By: Mohamed Hassaan



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D.05.1

Door ID	W1	W2	W3
Plan view			
Elevation view			
FFL			
Frame material	Black Powder Coated Aluminium	Black Powder Coated Aluminium	Black Powder Coated Aluminium
Panel material	Reflective Glass	Reflective Glass	Reflective Glass
Openable area	3.00	6.00	-

Door ID	W4	W5
Plan view		
Elevation view		
FFL		
Frame material	Black Powder Coated Aluminium	Black Powder Coated Aluminium
Panel material	Reflective Glass	Reflective Glass
Openable area	5.60	-

<b>General Notes:</b>
Dimensions shown on DWG indicate effective openings of frame
All frame depths are 100mm
All dor 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 12X12mm hardwood beading fixed to frames by brass nails
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1. Door size more than 700X1900mm
WD: 125mm X2 sets
SD: 150mm X3 sets
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WD: 100mm X2 sets
SD: 125mm X2 sets
Locks shall be cylindrical with master key sets
Door knobs shall be 1000mm above FFL

DOOR AND WINDOW SCHEDULE 01

PROPOSED 03 STOREY BUILDING AT  
B.EYDHAFUSHI  
HOSPITAL

Client:  
MINISTRY OF HEALTH,  
MALDIVES

June 2019

Architect: Mohamed Hassaan  
Engineer: Ihsaan Waheed  
Drawn By: Mohamed Hassaan



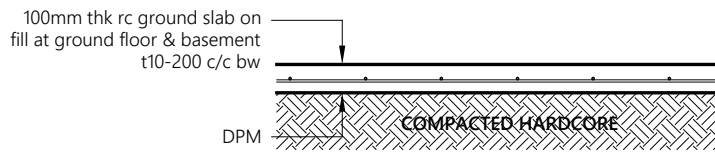
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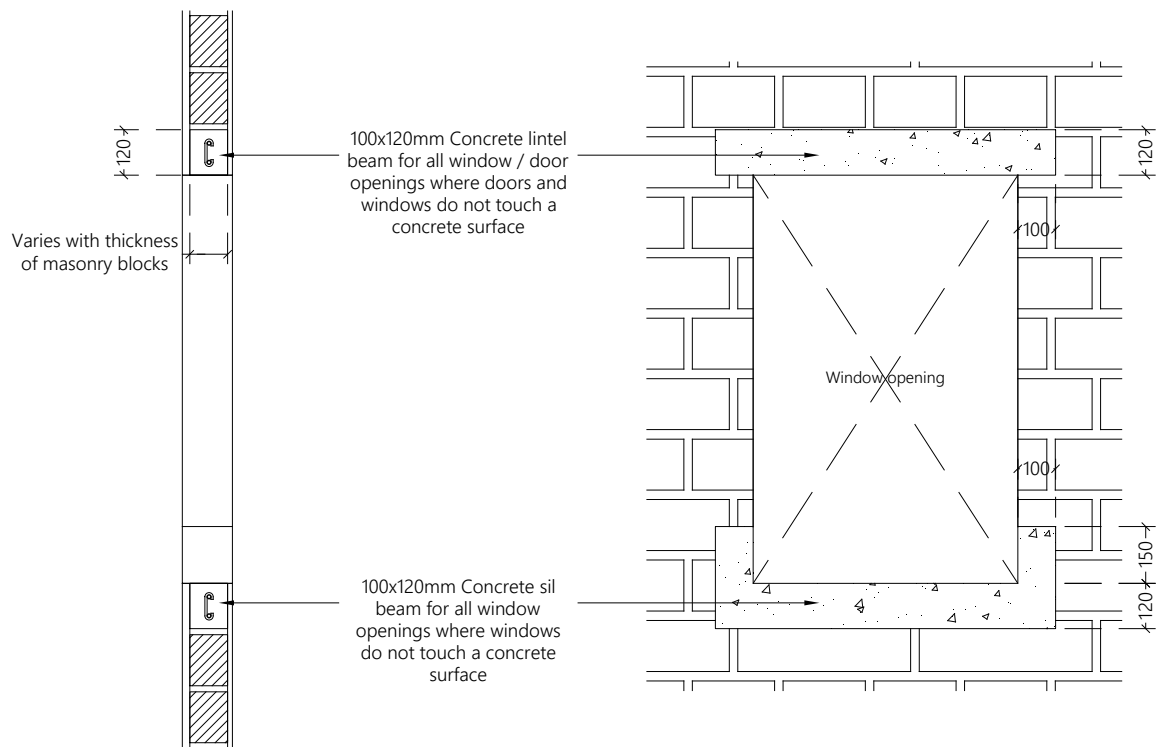
#### D.01.4



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

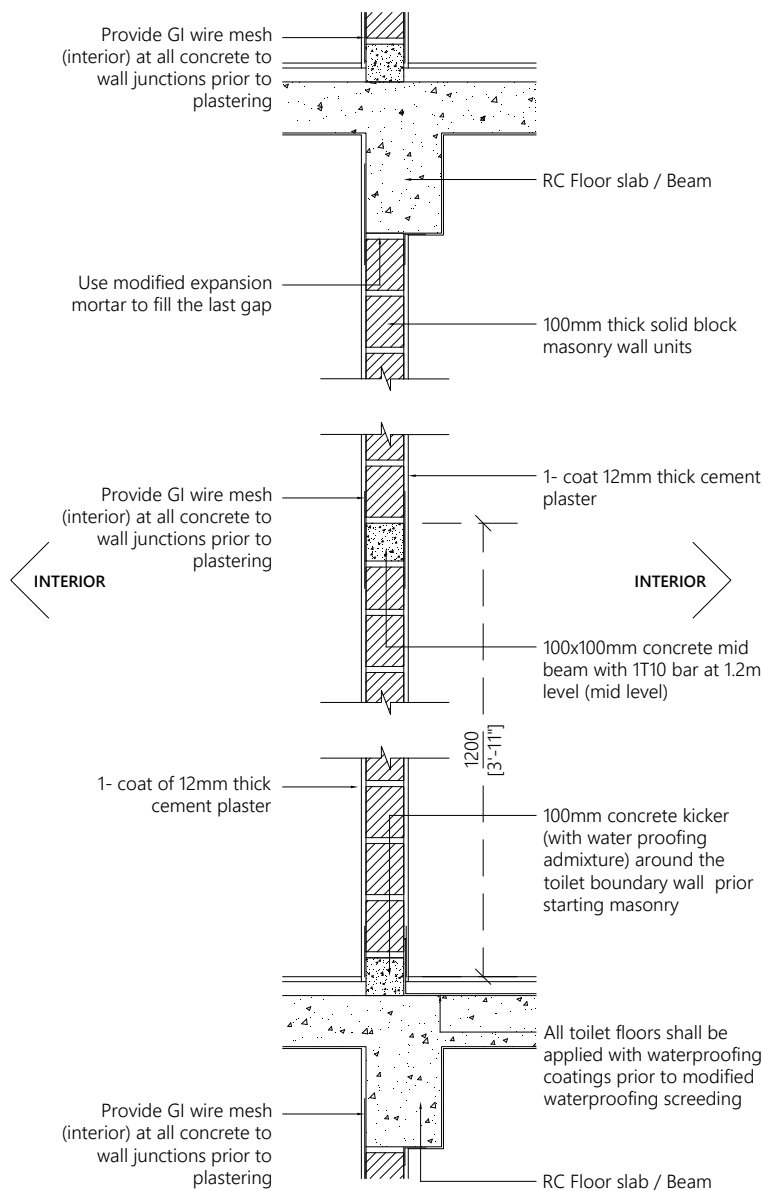
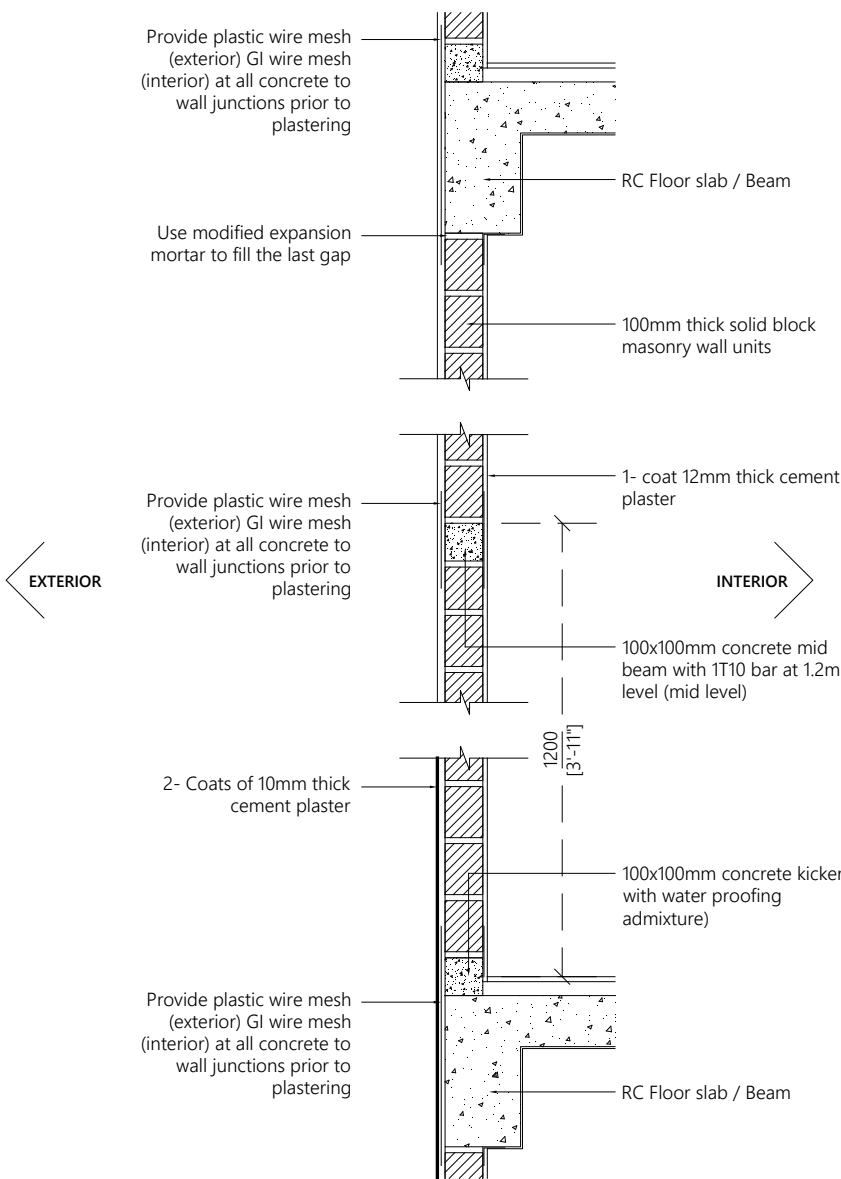
**TYPICAL GROUND SLAB DETAIL**

1:20



**TYPICAL OPENING DETAIL**

1:20



- Note:**
- 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 water curing shall be provided for 7 days.

**TYPICAL WALL CONSTRUCTION DETAIL**

1:20

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June 2019

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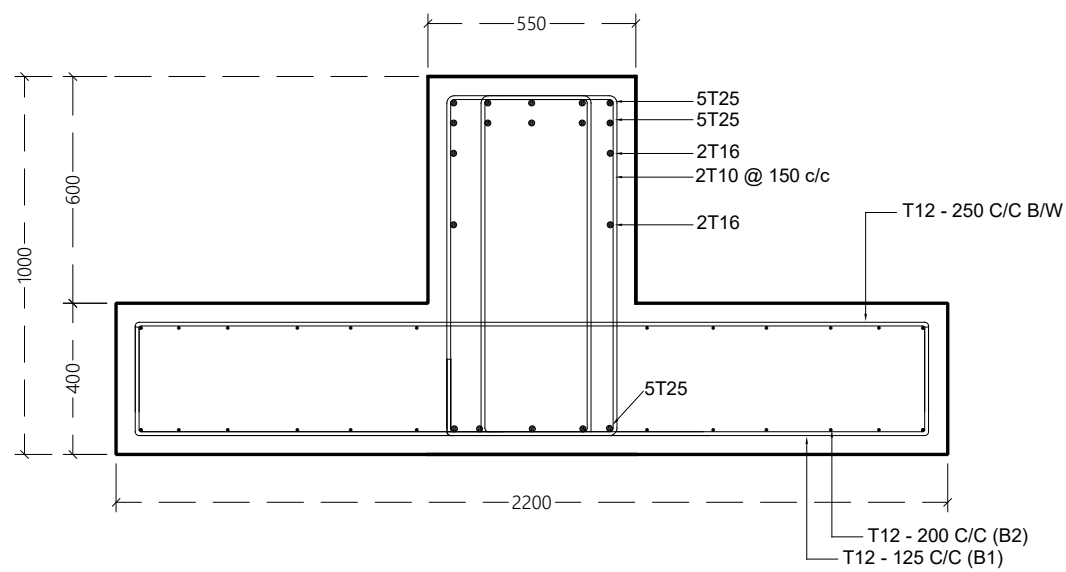


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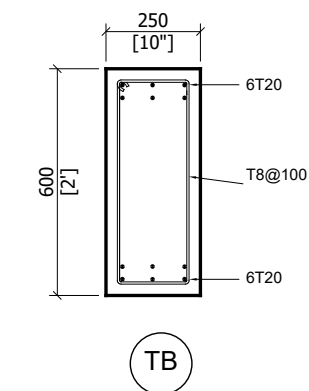
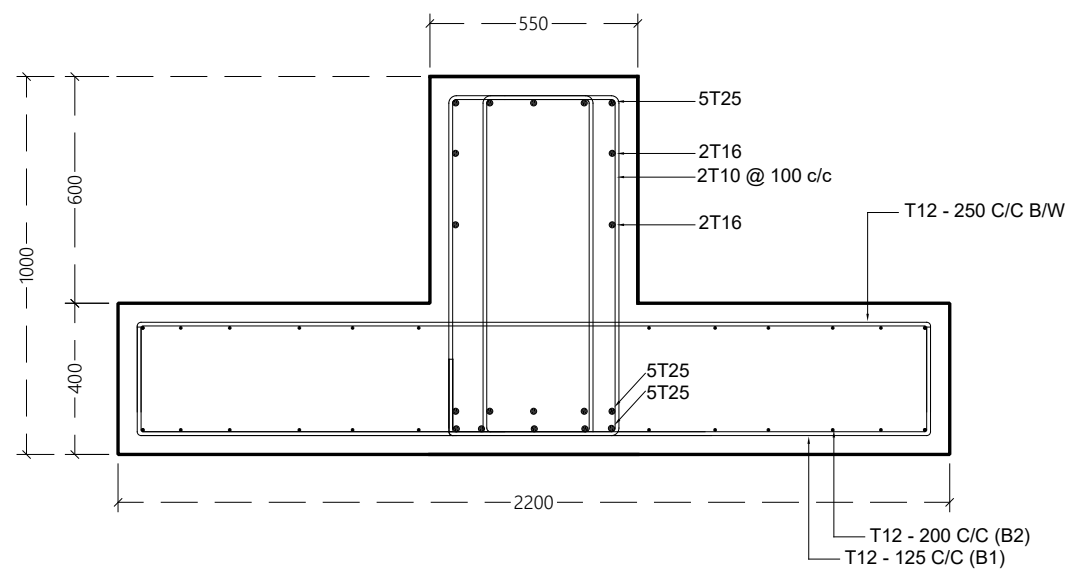




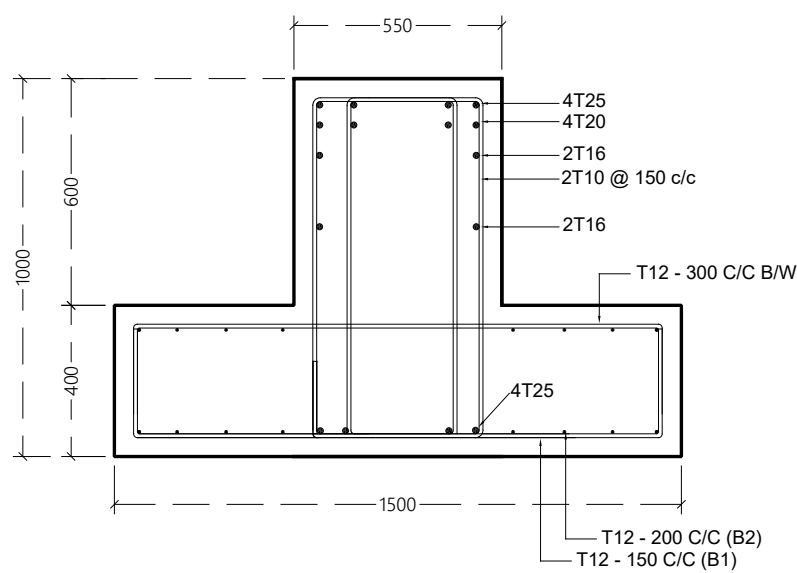
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ST1

SPAN



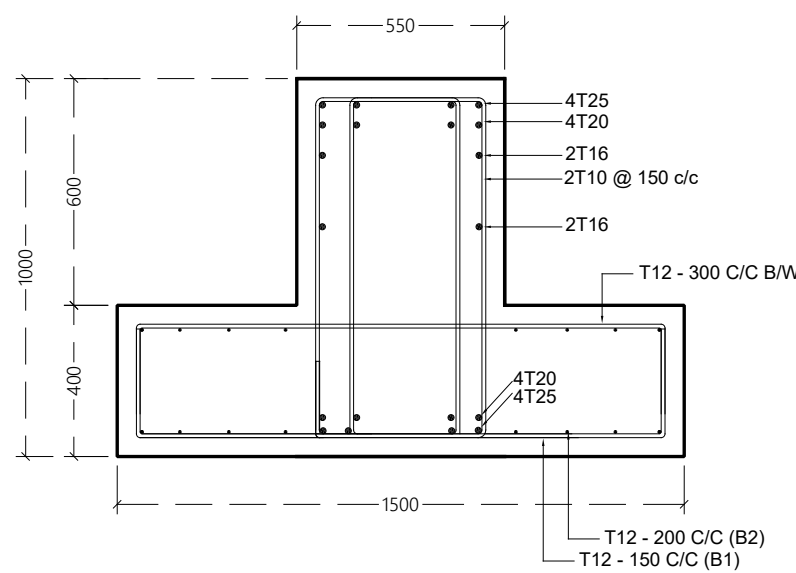
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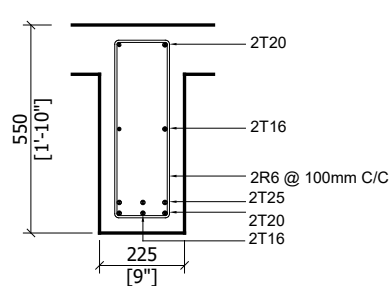
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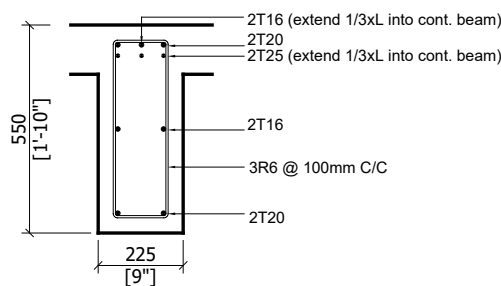
## FOUNDATION DETAILS

1:20

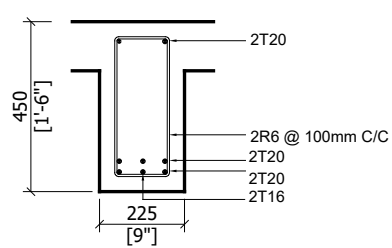


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B1

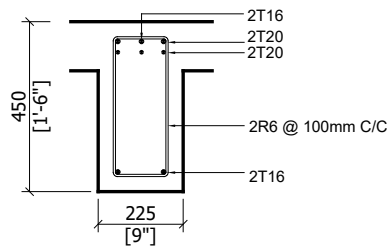


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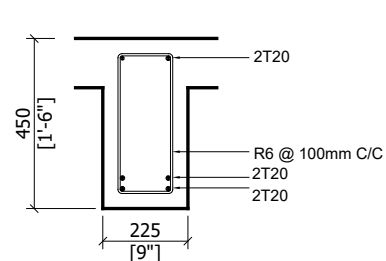


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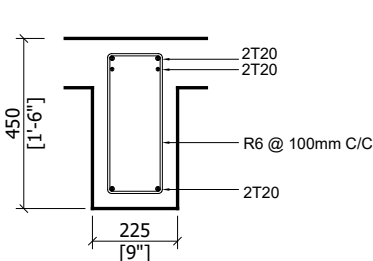


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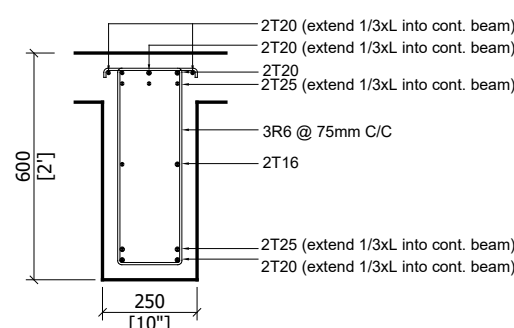


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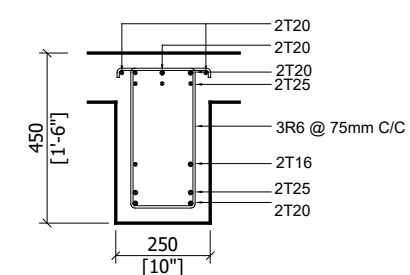


SUPPORT



SUPPORT

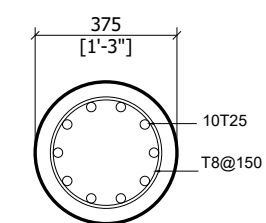
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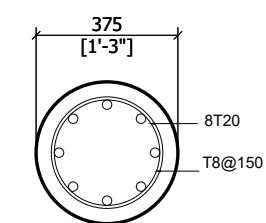
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## BEAM DETAILS

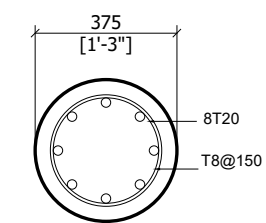
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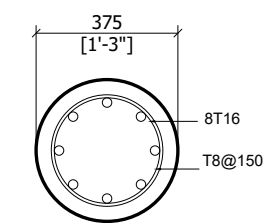
COLUMN-C1  
(GROUND FLR &  
1ST FLR)



COLUMN-C2  
(GROUND FLR &  
1ST FLR)



COLUMN-C1 (2ND  
FLR & ABV)



COLUMN-C2 (2ND  
FLR & ABV)

## COLUMN DETAILS

1:20

PROPOSED 03 STOREY BUILDING AT  
**B.EYDHAFUSHI  
HOSPITAL**

Client:  
**MINISTRY OF HEALTH,  
MALDIVES**

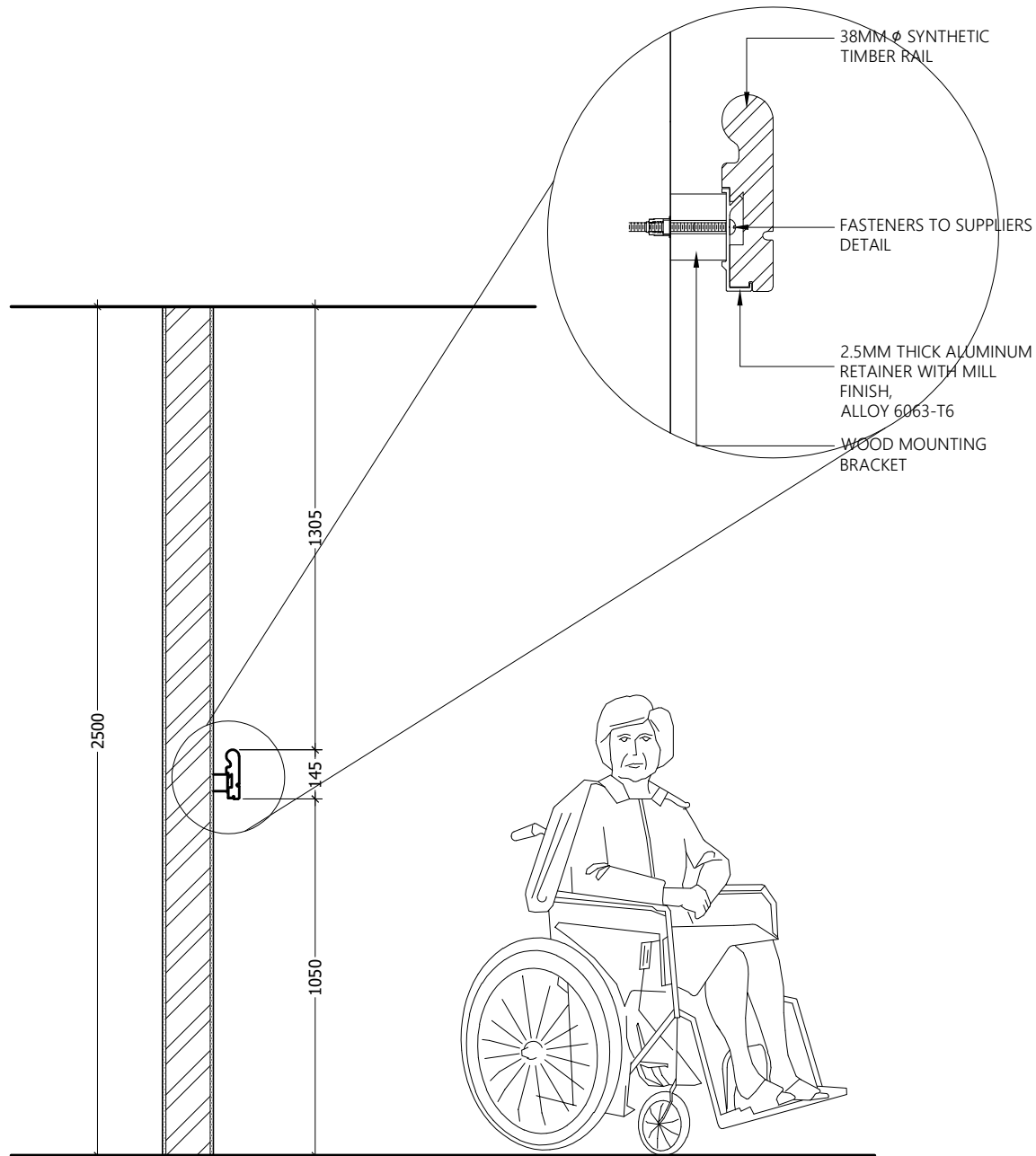
June 2019

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S.03.1



## RAILING DETAIL

1:100

### PROPOSED 03 STOREY BUILDING AT EYDHAFUSHI HOSPITAL

Client:  
MINISTRY OF HEALTH,  
MALDIVES

AUGUST 2020

Architect: Mohamed Hassaan  
Engineer: Ihsaan Waheed  
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