

PROJECT

PROPOSED ANIMAL FODDER STORE
IN BEER LOCATION,BURAO
DISTRICT,TOGDHEER REGION
SOMALILAND

IMPLEMENTED BY
GEEL/USAID



CLIENT:
FODDER COOPERATIVES IN BEER

CONSULTANTS:



SPACE DECOR

Architectural & Engineering Consultants
Mail: spacedecor.co@gmail.com
Tel. +254713234355/+252619742238

PROPOSED LIVESTOCK FODDER STORE

JUNE 2018: DRAWING INDEX

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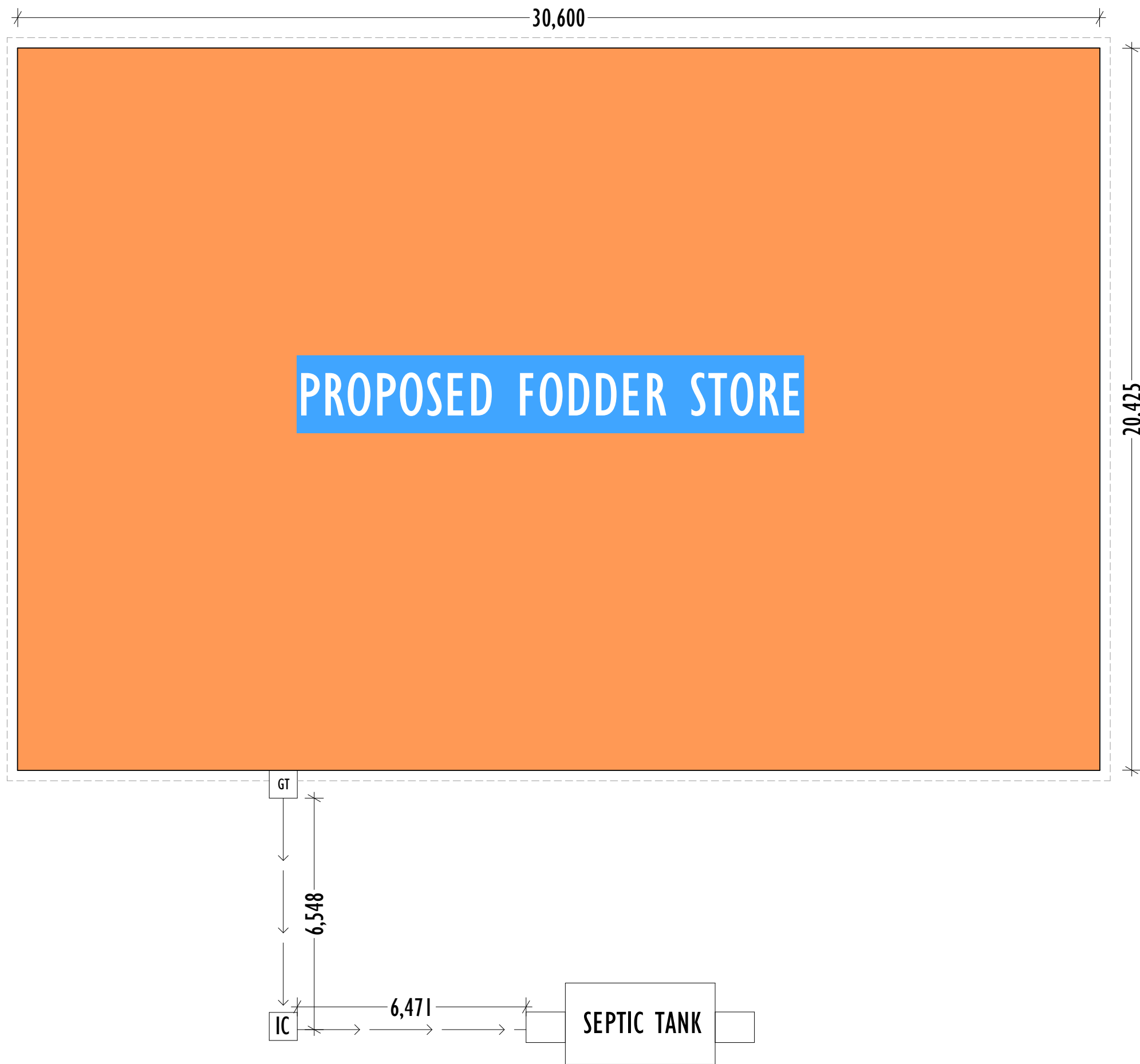


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Designed By	ENG. Wanja David
Revised By :	ENG. Salah Mohamed

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PROPOSED SET OUT PLAN

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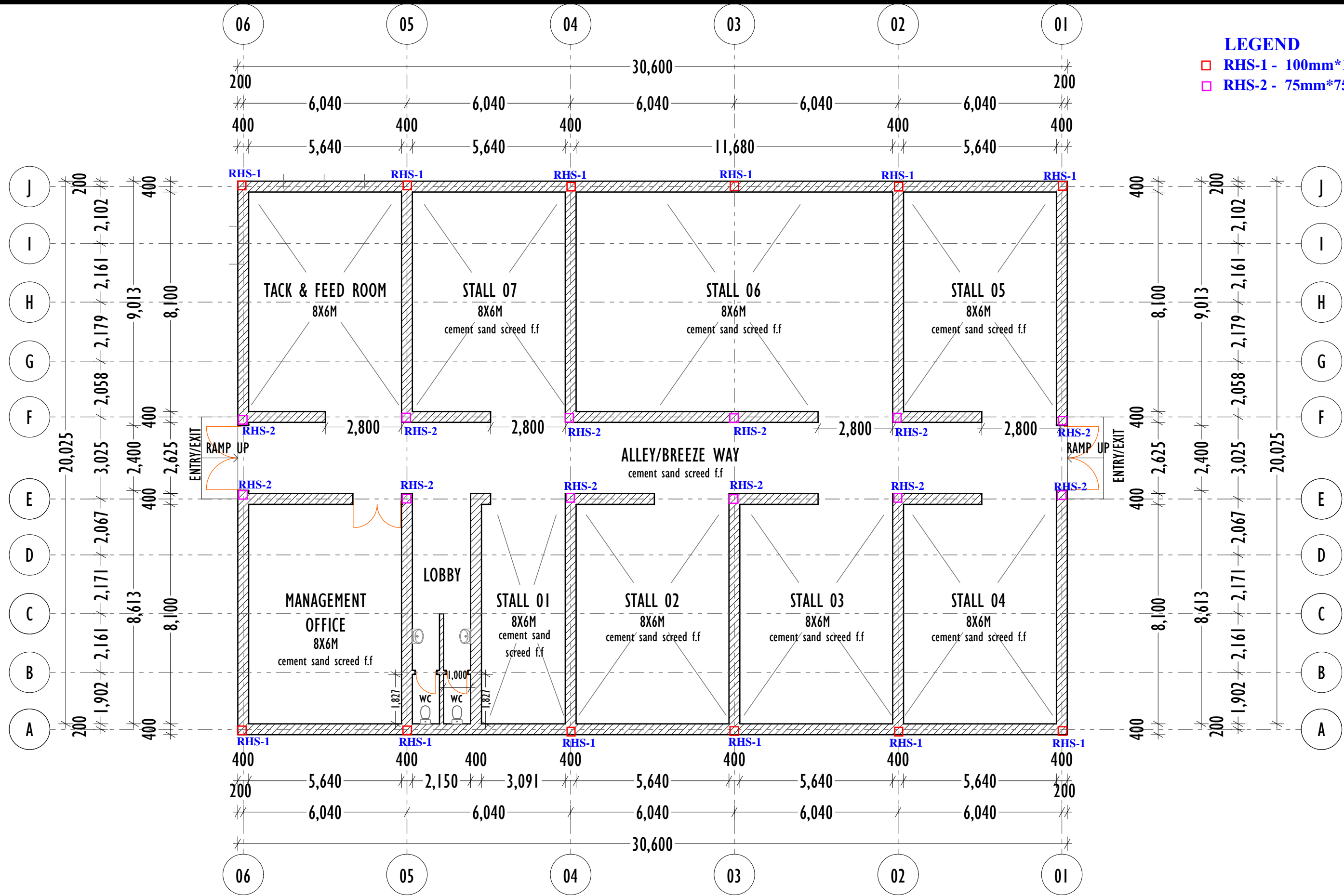
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LEGEND

- RHS-1 - 100mm*100mm*4mm thick
- RHS-2 - 75mm*75mm*4mm thick

PROPOSED FLOOR PLAN LAYOUT

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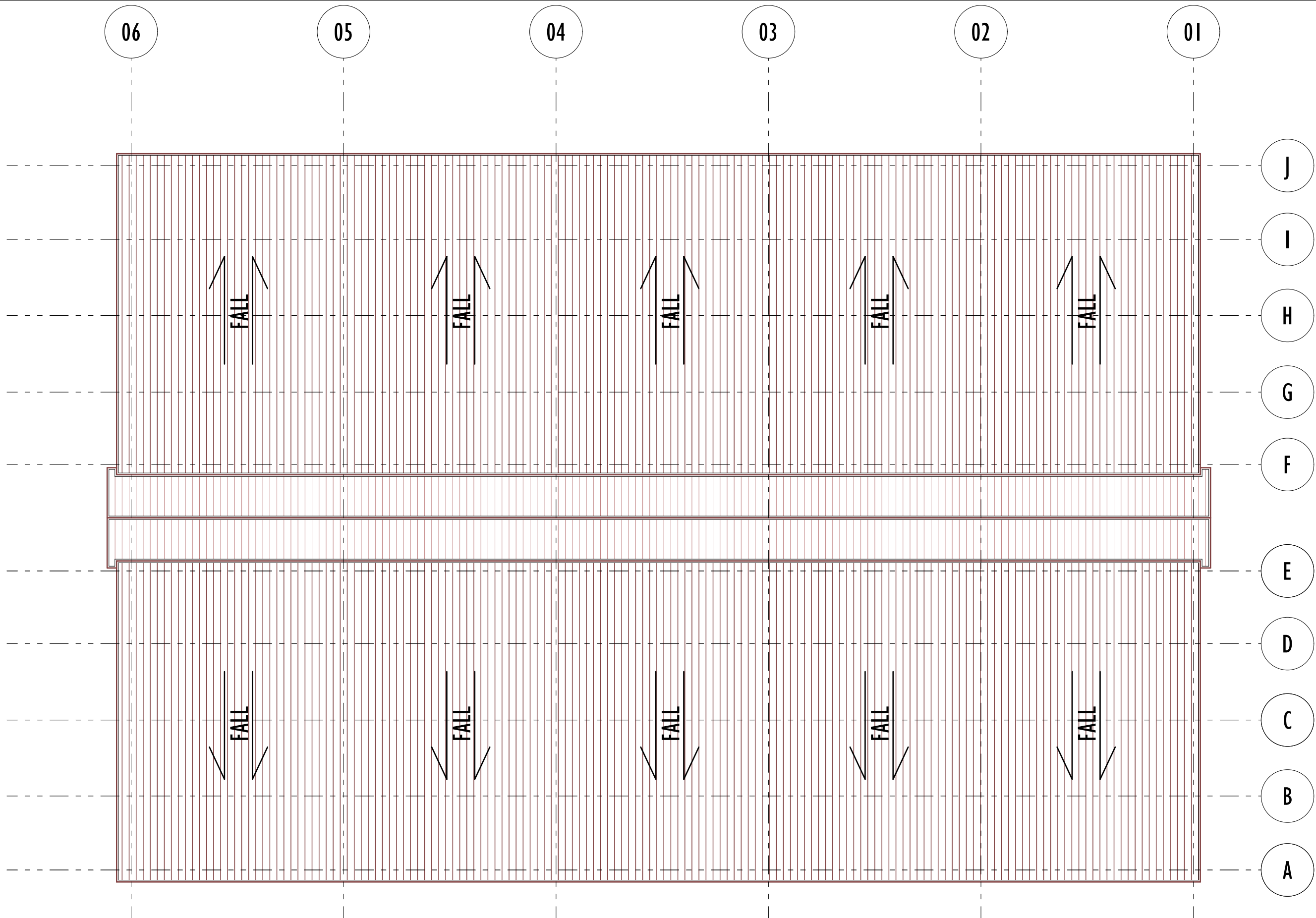


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PROPOSED ROOF PLAN LAYOUT

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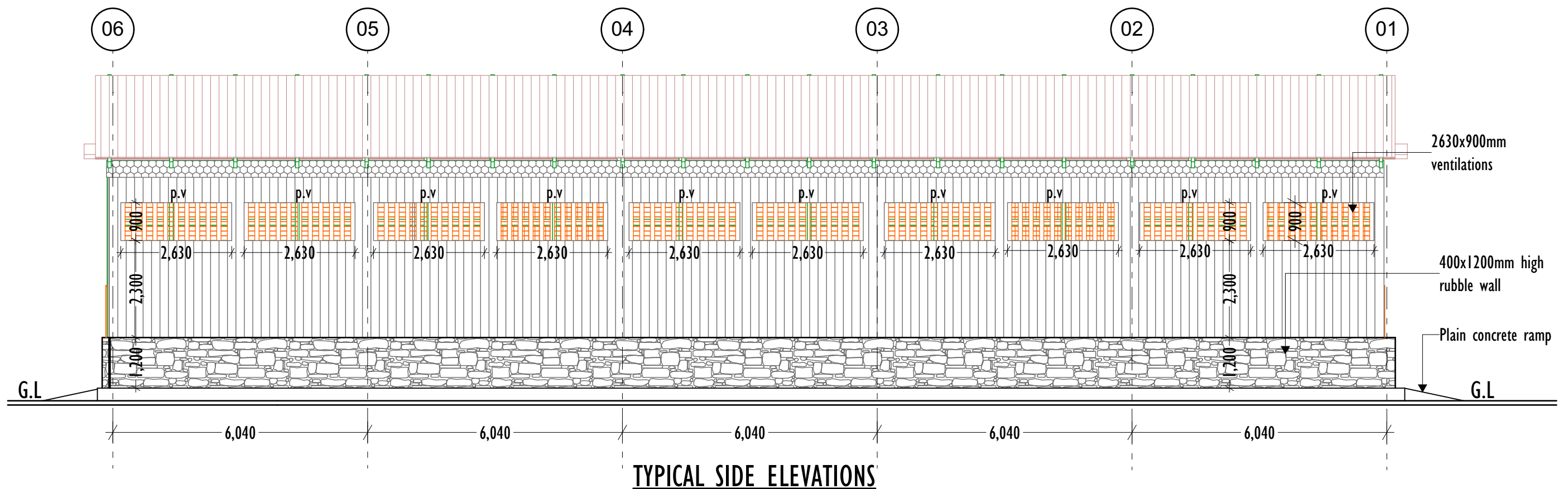
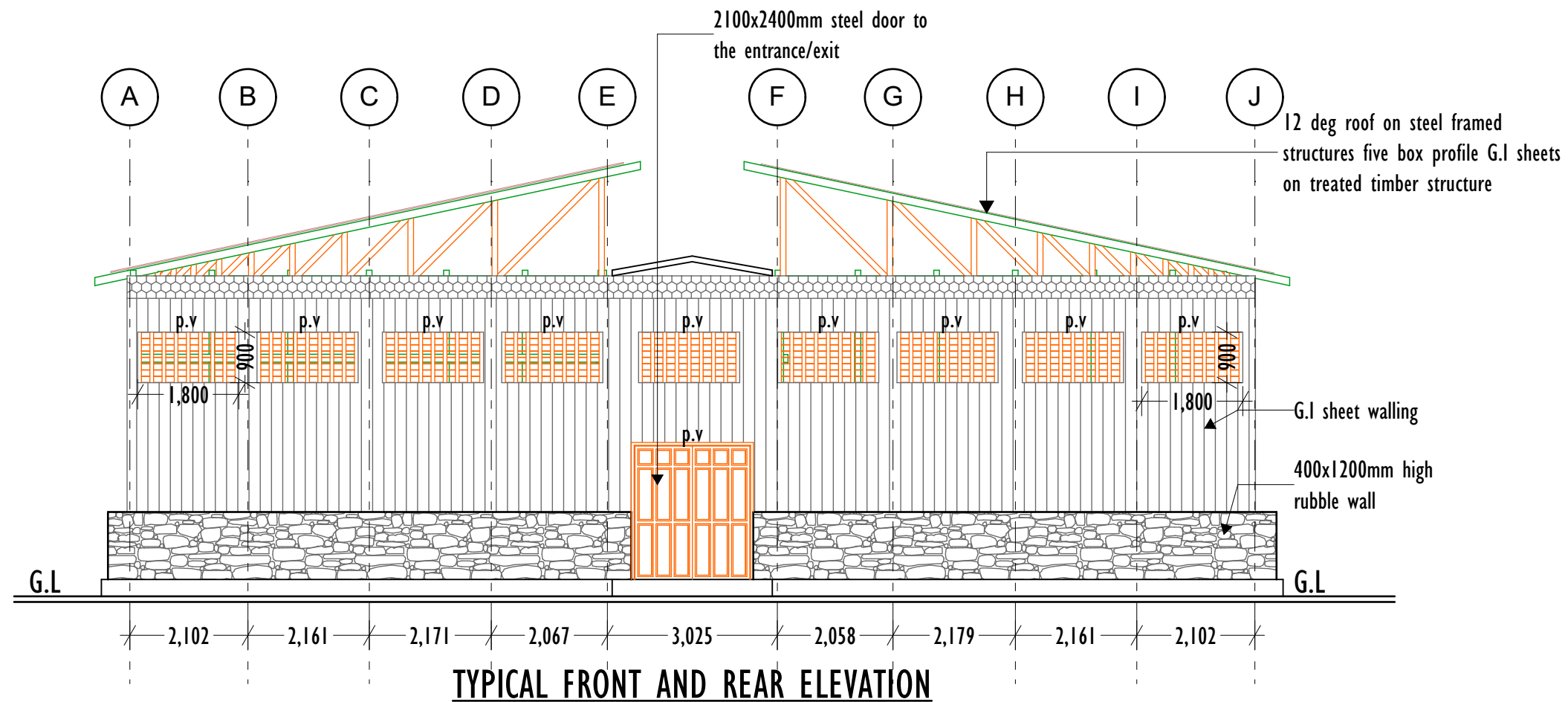
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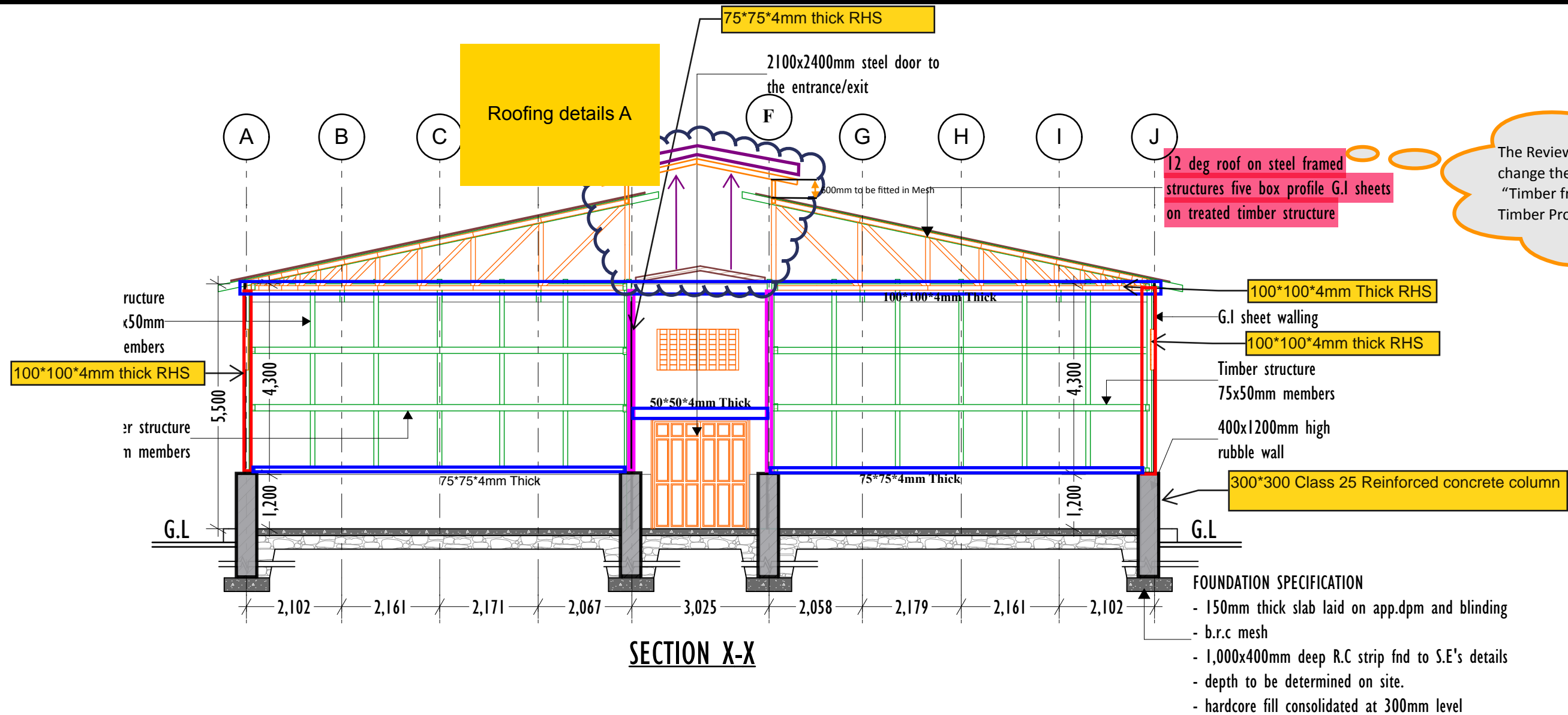
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The Review Recommends the designer to change the word "steel framed" to "Timber framed" to commensurate the BoQ Timber Provisions

TIMBBER SPECIFICATIONS

Item	Size	Number	Total length
Vertical timber columns	100x50x4300mm	90	412.80
Horizontal timber columns 01	75x50x30600mm	8	244.80
Horizontal timber columns 02	75x50x8415mm	48	403.92
Horizontal timber columns 03	75x50x3074mm	40	122.96

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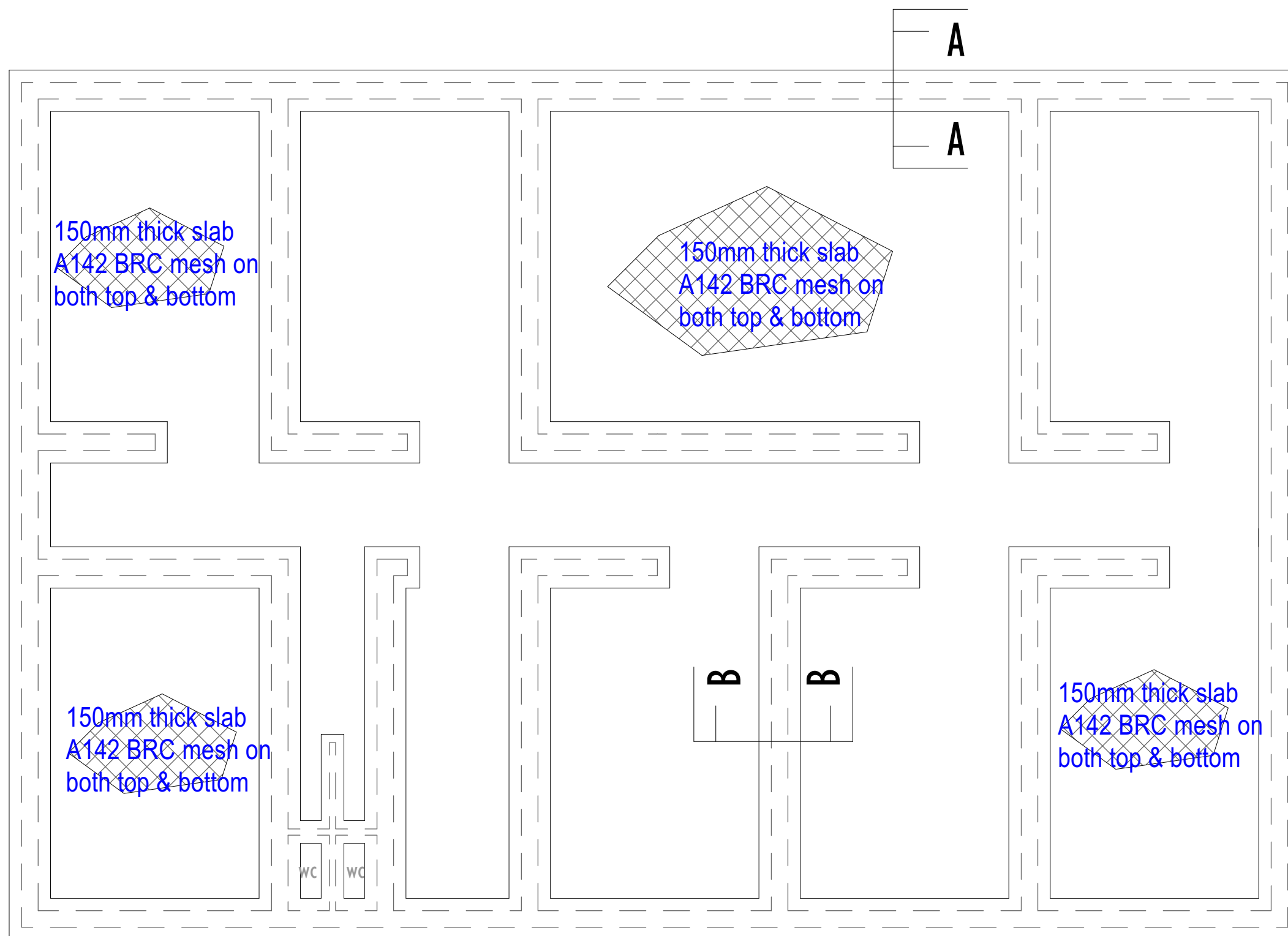
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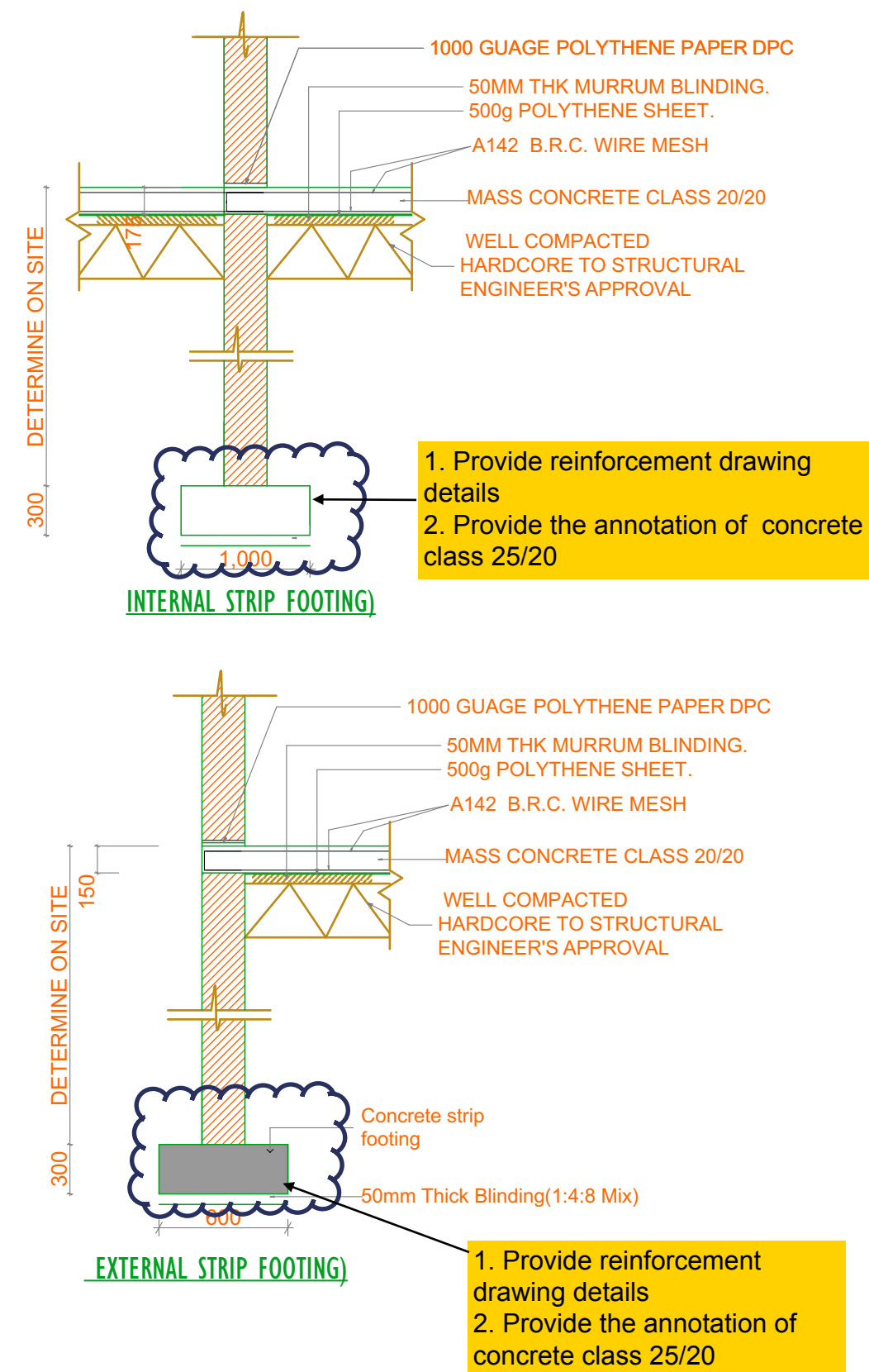
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FOUNDATION LAYOUT



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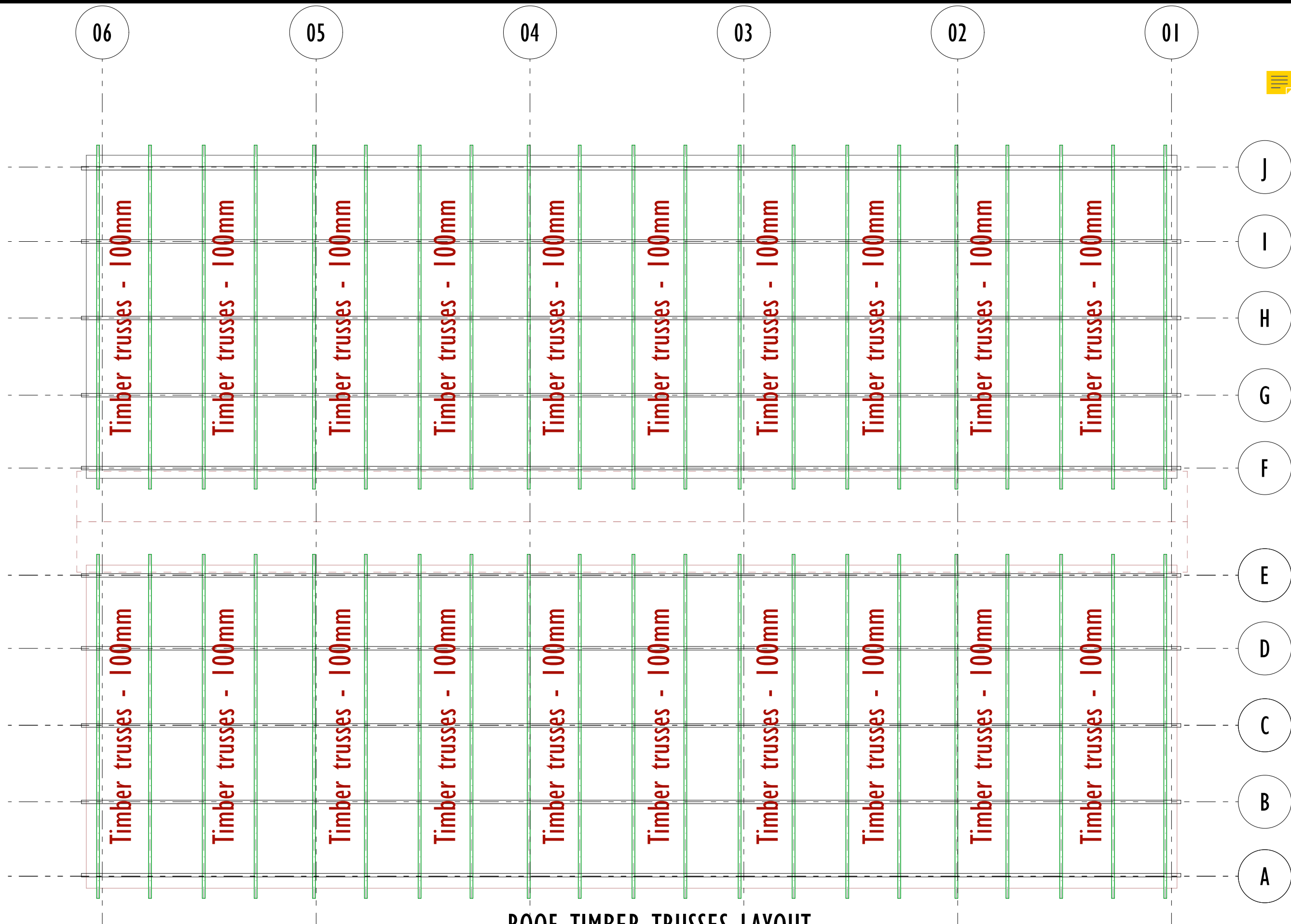
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ANIMAL FODDER STORE DRAWINGS	
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ROOF TIMBER TRUSSES LAYOUT

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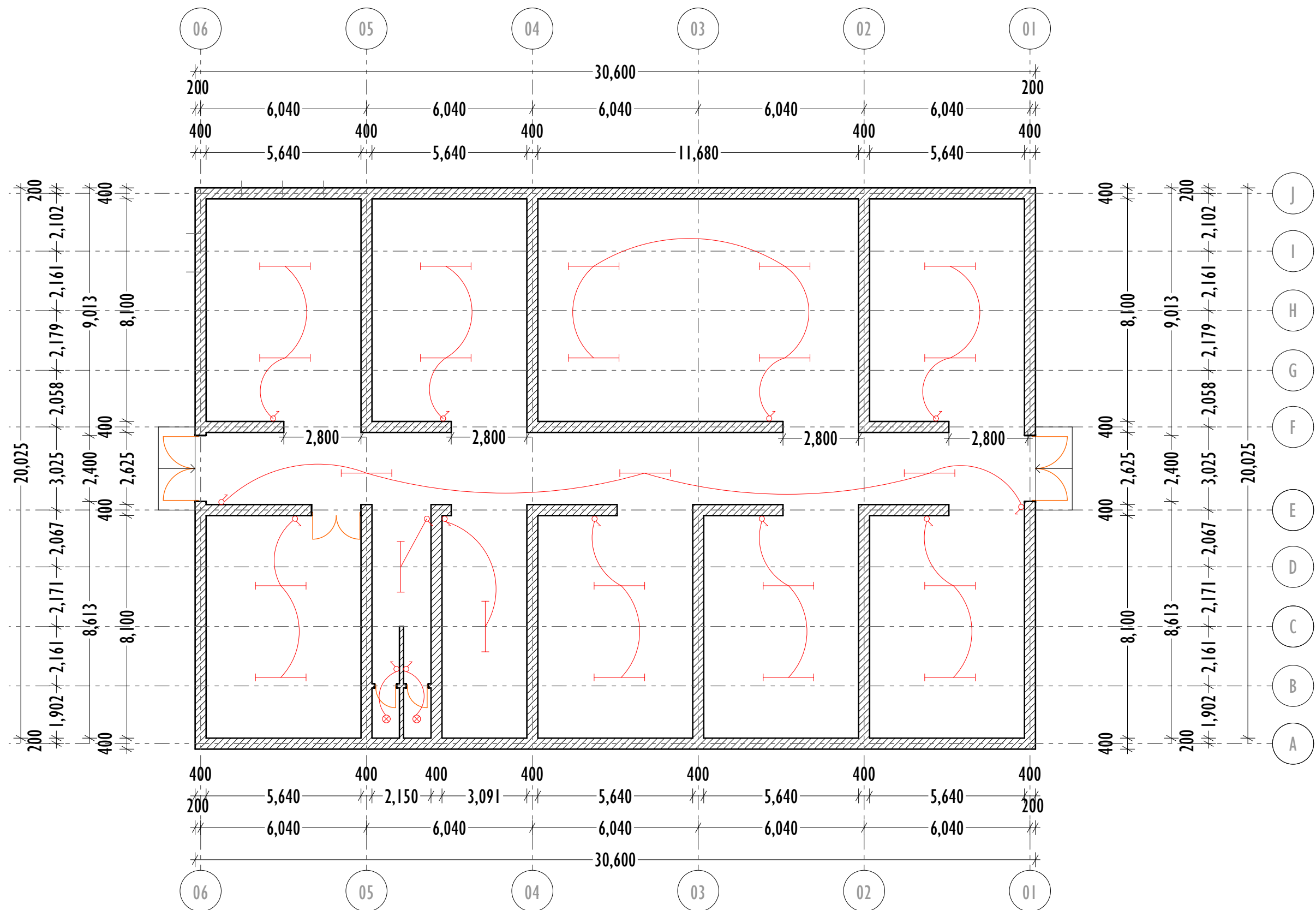


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ANIMAL FODDER
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NOTES

All IEE regulations shall be observed, i.e regarding final sub circuits, regarding earthing, regarding termination.
The wiring system shall be in PVC conduiting.
20.0 mm conduits shall be used for the internal wiring
All power and lighting CCTs shall be installed in 1.5mm,2.5mm single cores cables respectively.
There shall be a 3-way consumer unit in each room.
All supply circuits shall be done using underground method in 16.0mm - 3 core armoured cables.
A comprehensive earth- test shall be done to determine the appropriate earthing required.
A 3-phase 415V supply from the local authority shall enter the premise in underground cable.

KEY/LEGEND	
1.	2 GANG 2 WAY
2.	1 GANG 2 WAY
3.	3 GANG 2 WAY
4.	SINGLE SOCKET
5.	TWIN POWER OUTLET
6.	3-WAY C.U
7.	MAIN DISTRIBUTION BOARD
8.	1.5mm
9.	2.5mm
10.	16.0mm

ELECTRICAL LIGHTING LAYOUT

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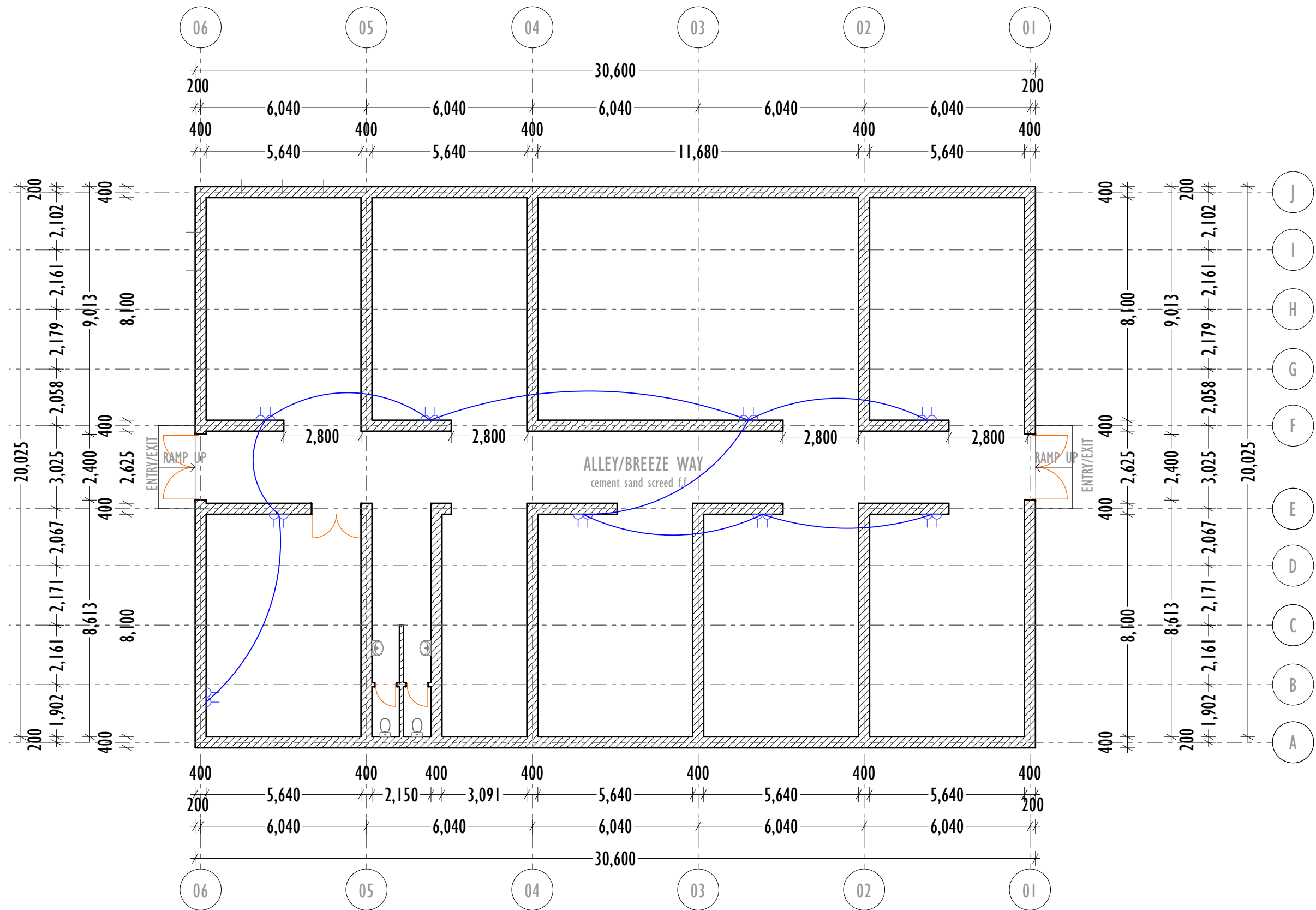
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2.	1 GANG 2 WAY
3.	3 GANG 2 WAY
4.	SINGLE SOCKET
5.	TWIN POWER OUTLET
6.	3-WAY C.U
7.	MAIN DISTRIBUTION BOARD
8.	1.5mm
9.	2.5mm
10.	16.0mm

ELECTRICAL POWER LAYOUT

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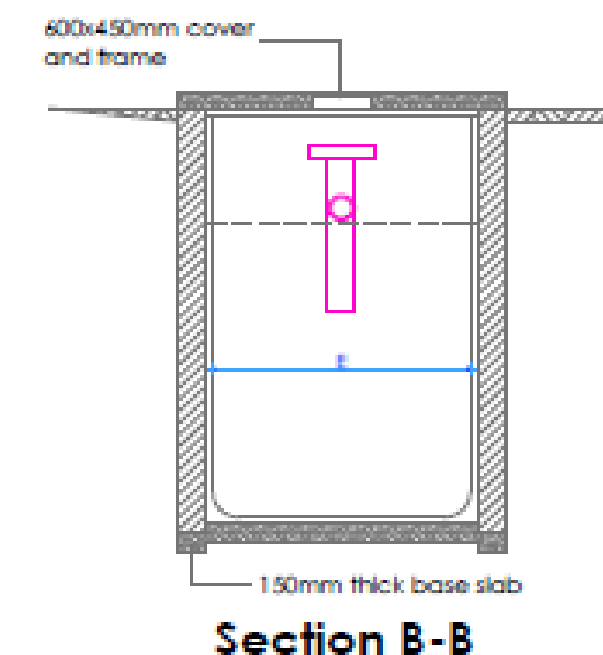
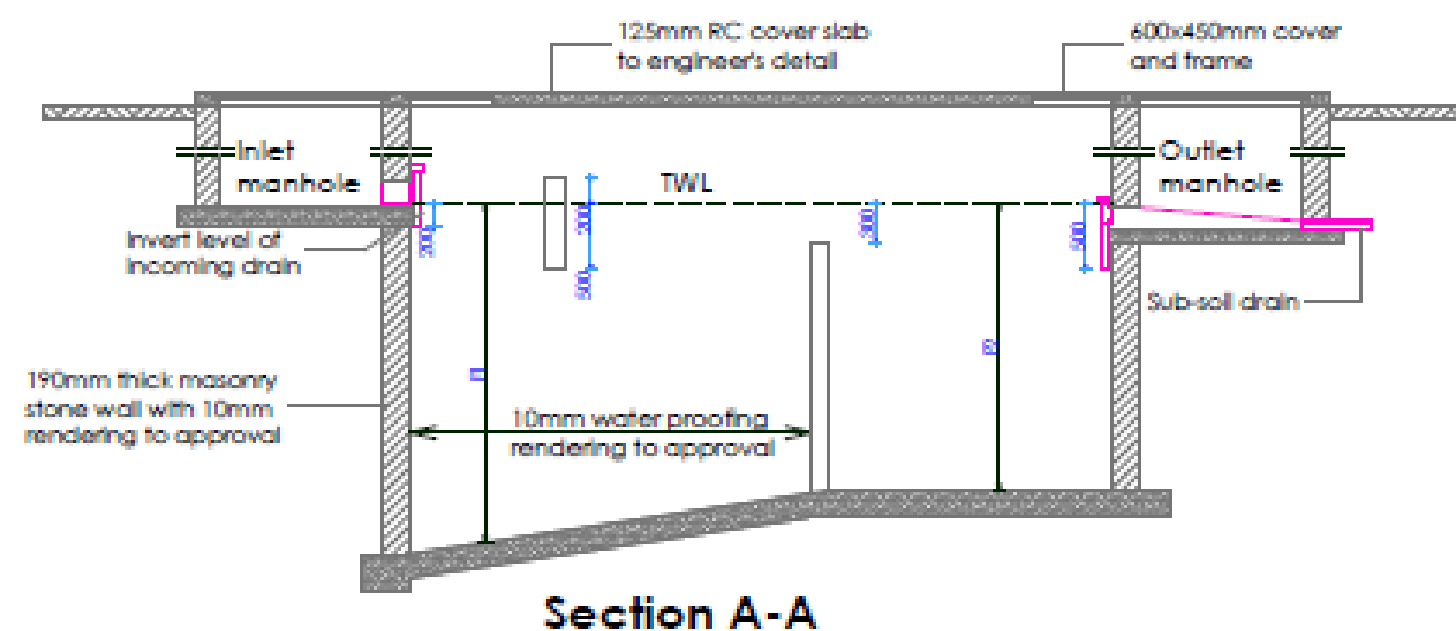
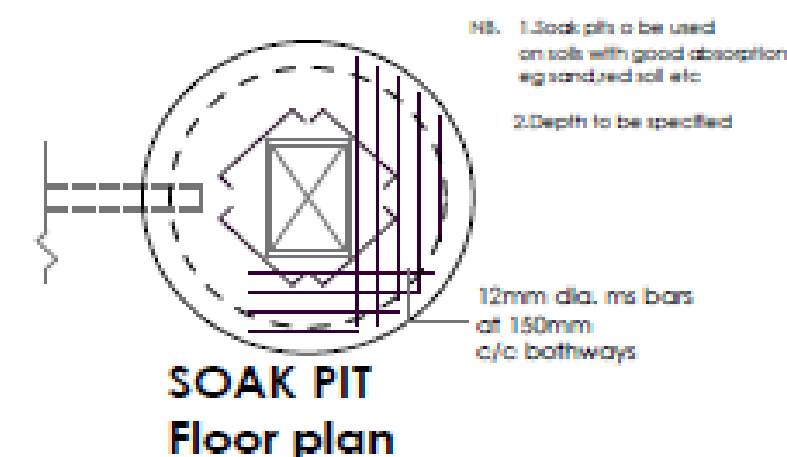
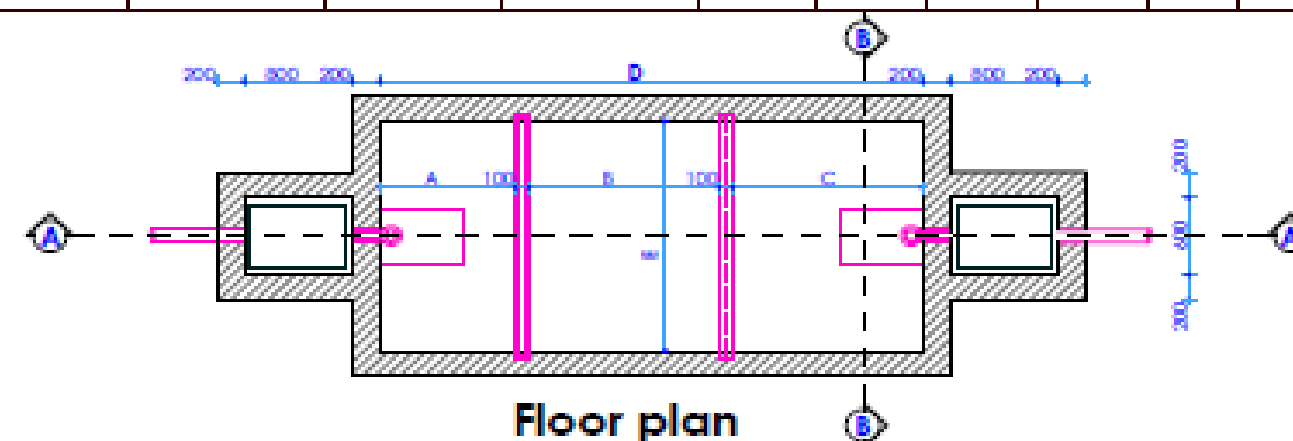
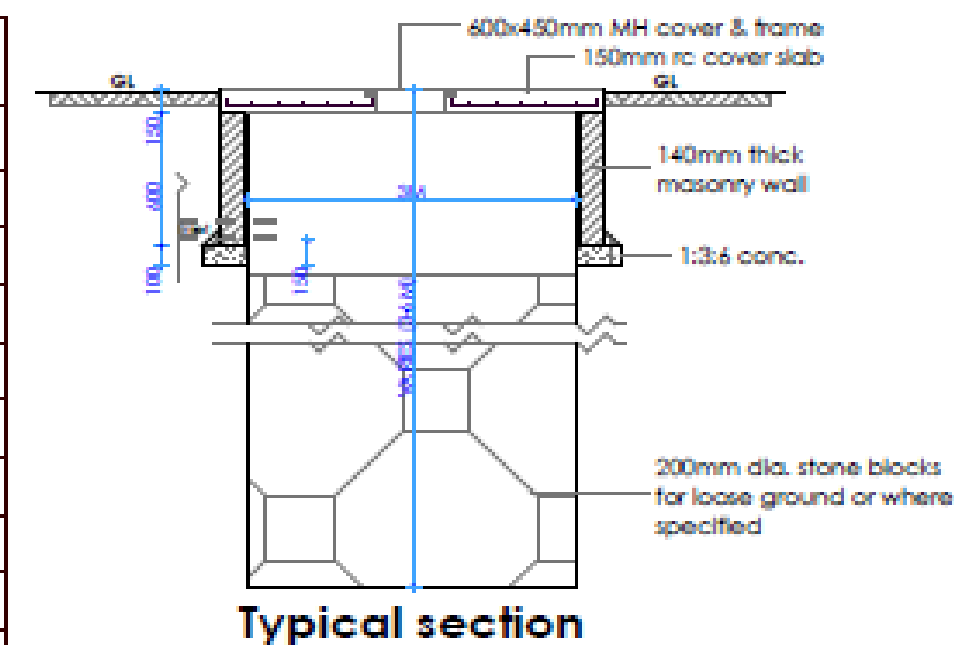
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TYPE	CAPACITY IN LITRES	NO. OF PERSONS	DES/SLUDGING INTERVAL (YEARS)	DIMENSIONS IN MM						
				A	B	C	D	E	F1	F2
A	3000	10	2	800	1000	1000	3000	800	1200	1400
B	6000	20	2	800	1400	1200	3600	1400	1500	1400
C	9000	30	2	800	1400	1200	3600	1800	1500	1400
D	12000	40	2	800	1600	1400	4000	2000	1500	1300
E	15000	50	2	800	1600	1400	4000	2400	1500	1200
F	22500	100	1.5	800	3600	1800	5600	3000	1850	1500
G	45000	200	1.5	800	5600	2800	8600	3600	2040	1500
H	67500	300	1.5	800	7600	3800	11600	4000	2260	1500
I	90000	400	1.5	800	8800	4400	13400	4600	2380	1500



SEPTIC TANK DETAILS

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PROPOSED VIEW 01

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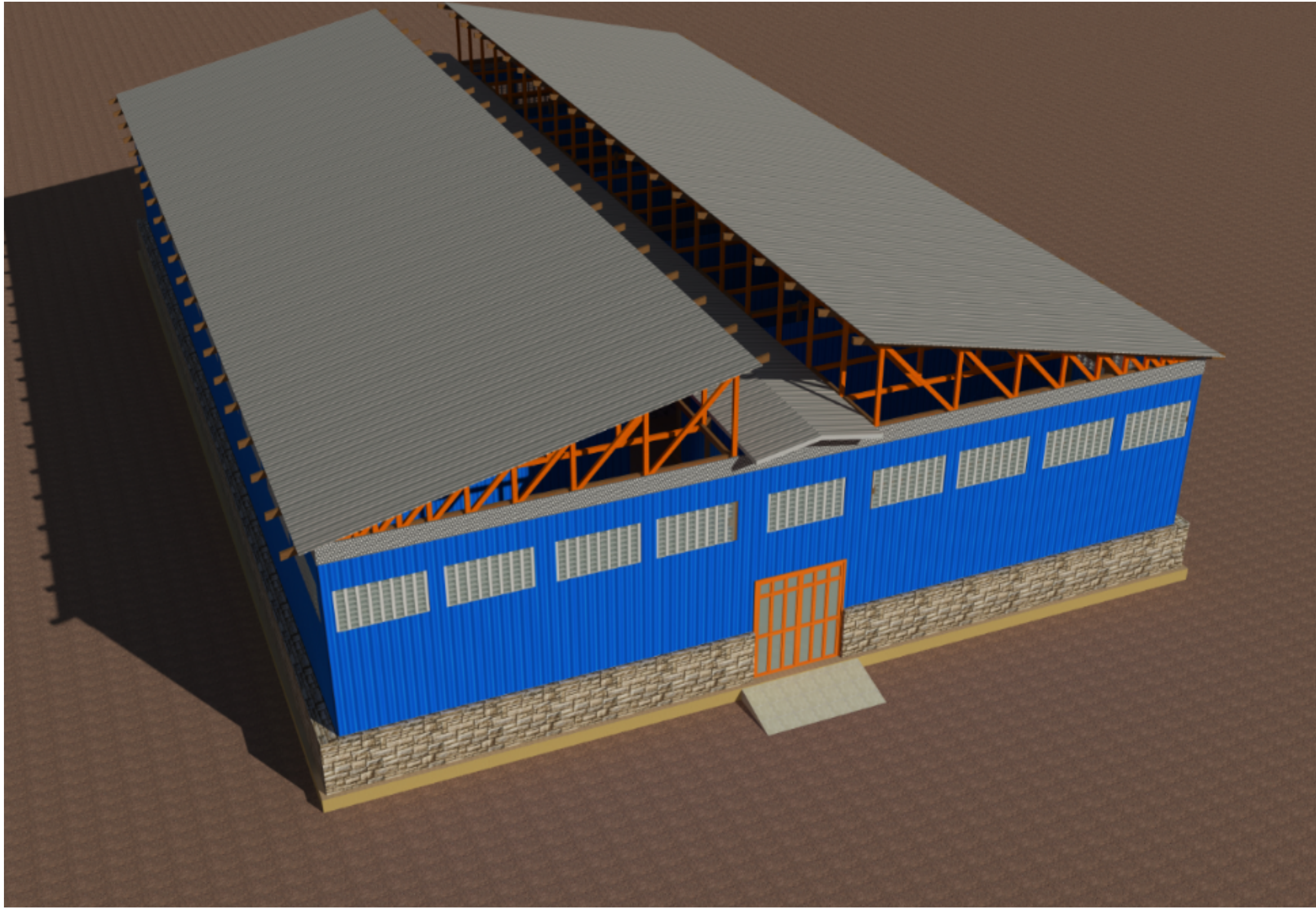
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PROPOSED VIEW 02

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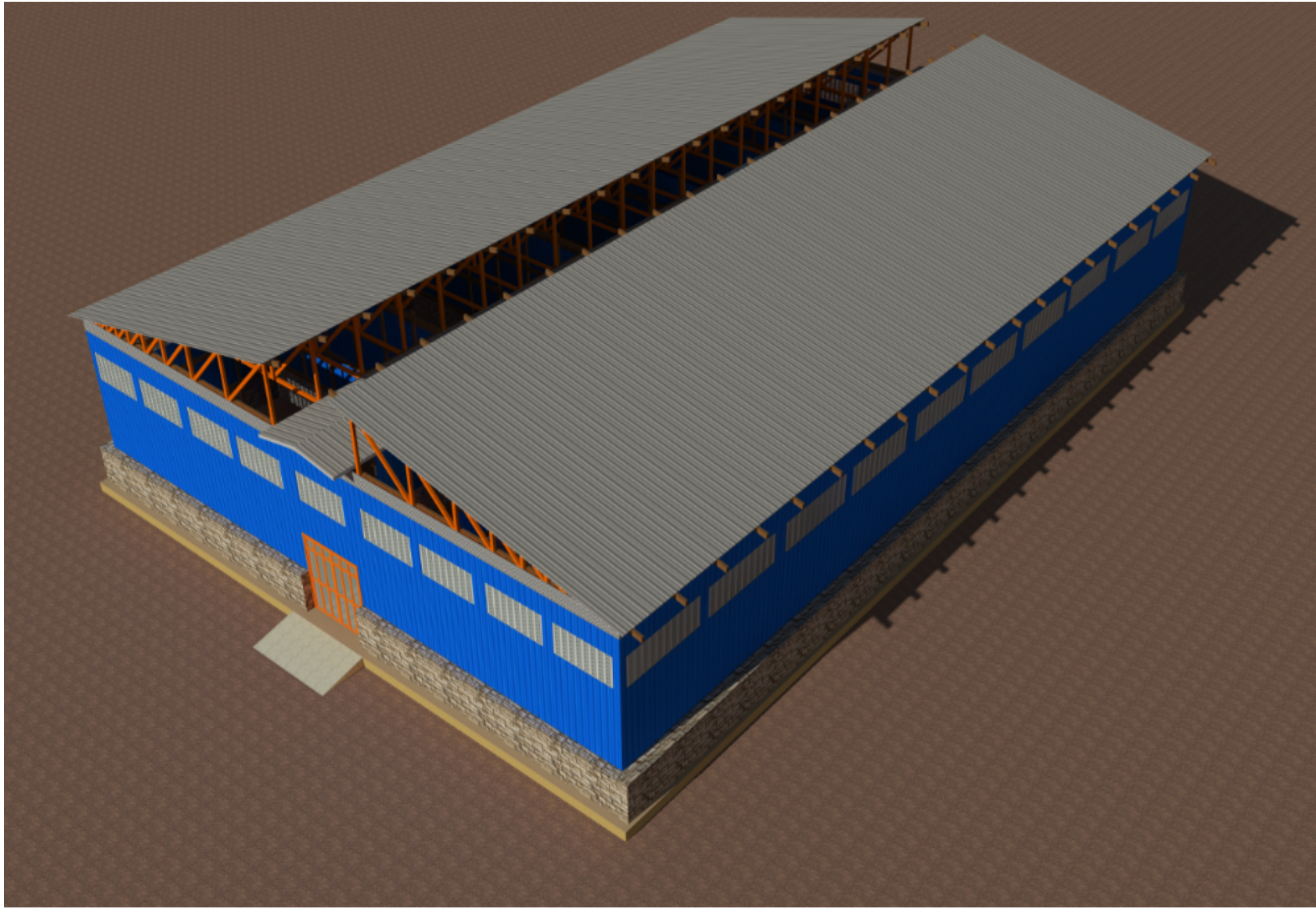
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PROPOSED VIEW 03

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