

Project: Distribution warehouse

Title: Structural design drawings

Sheet: Foundation details

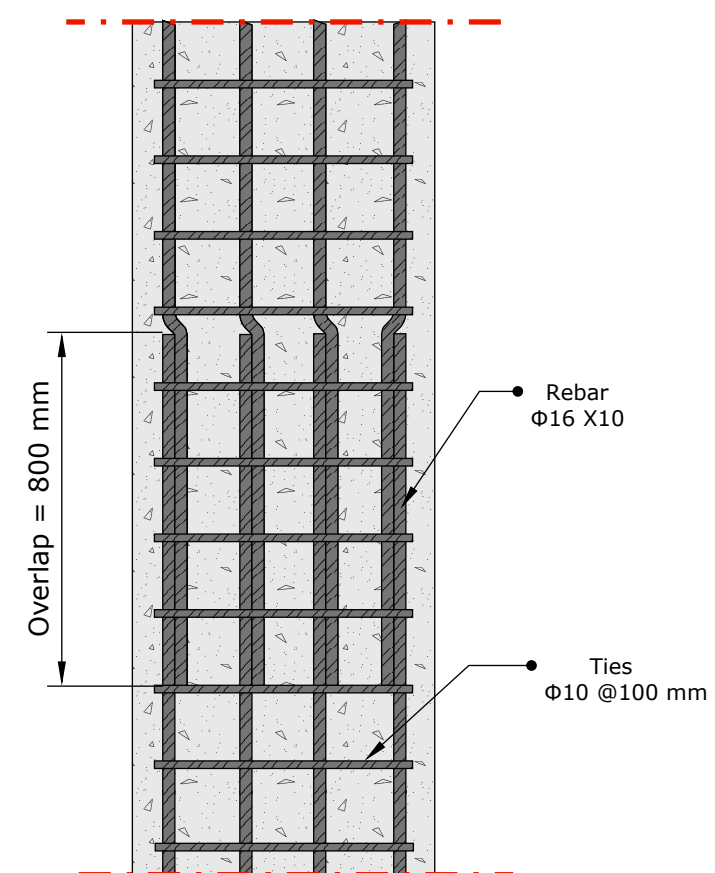
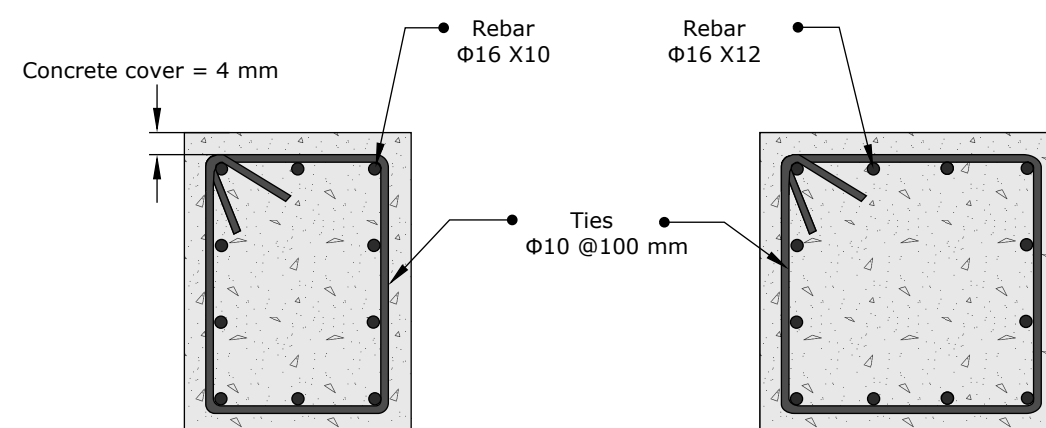
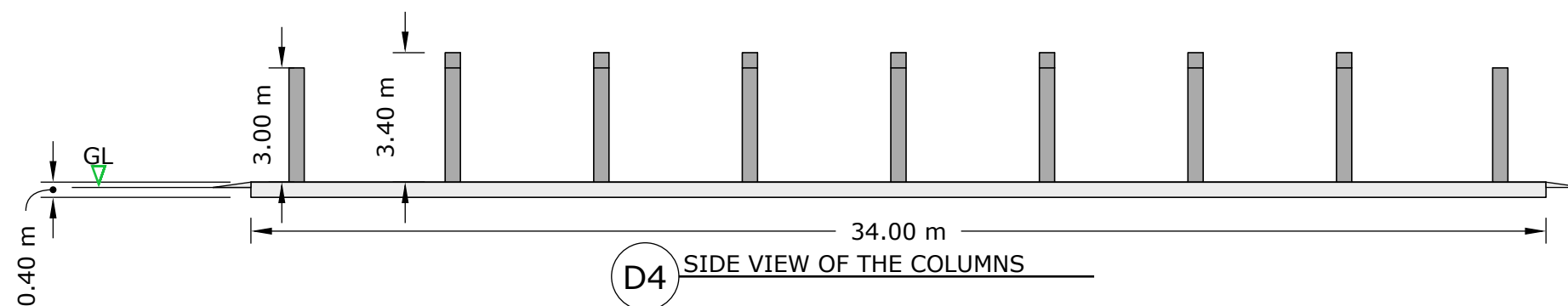
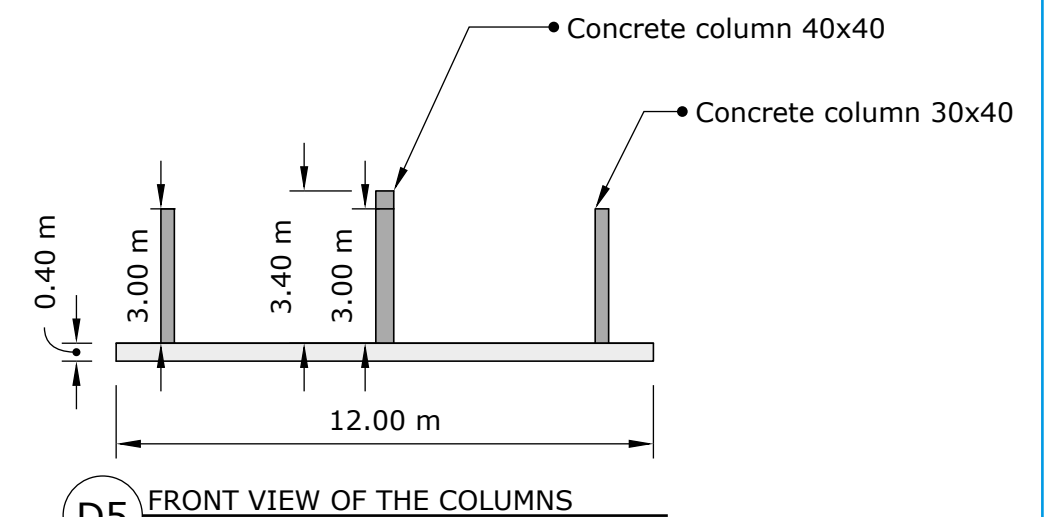
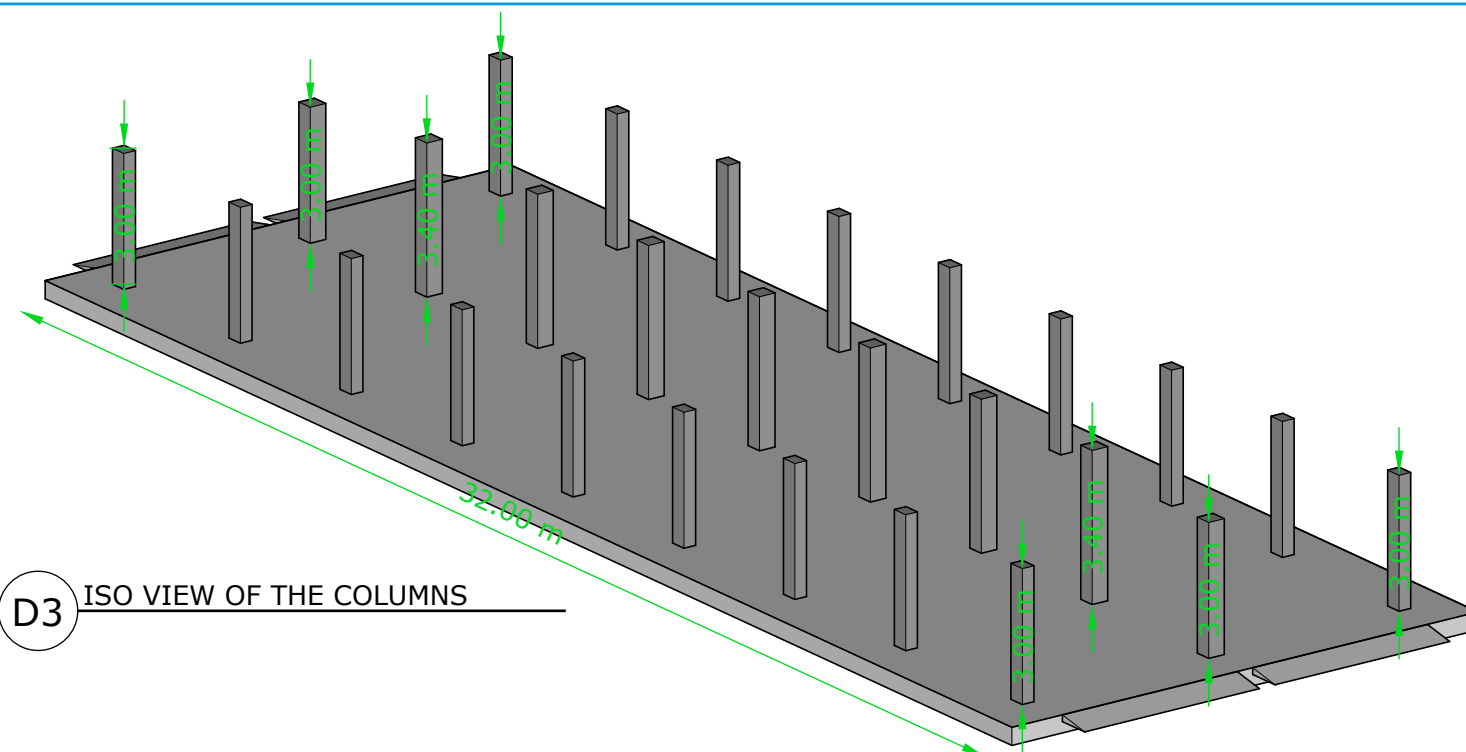
Sheet NO: 1

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

Notes:



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Columns details

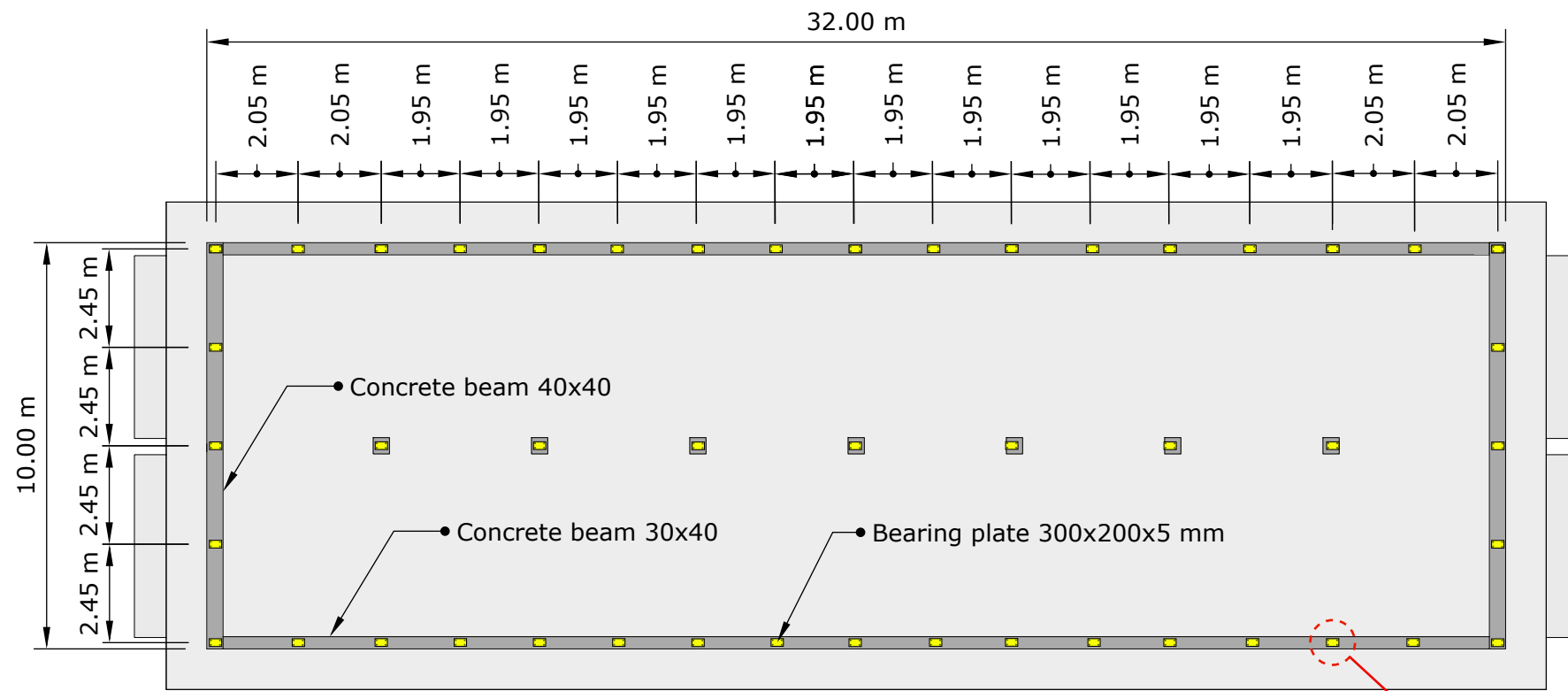
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Designed by: Omar Ali Rafeek

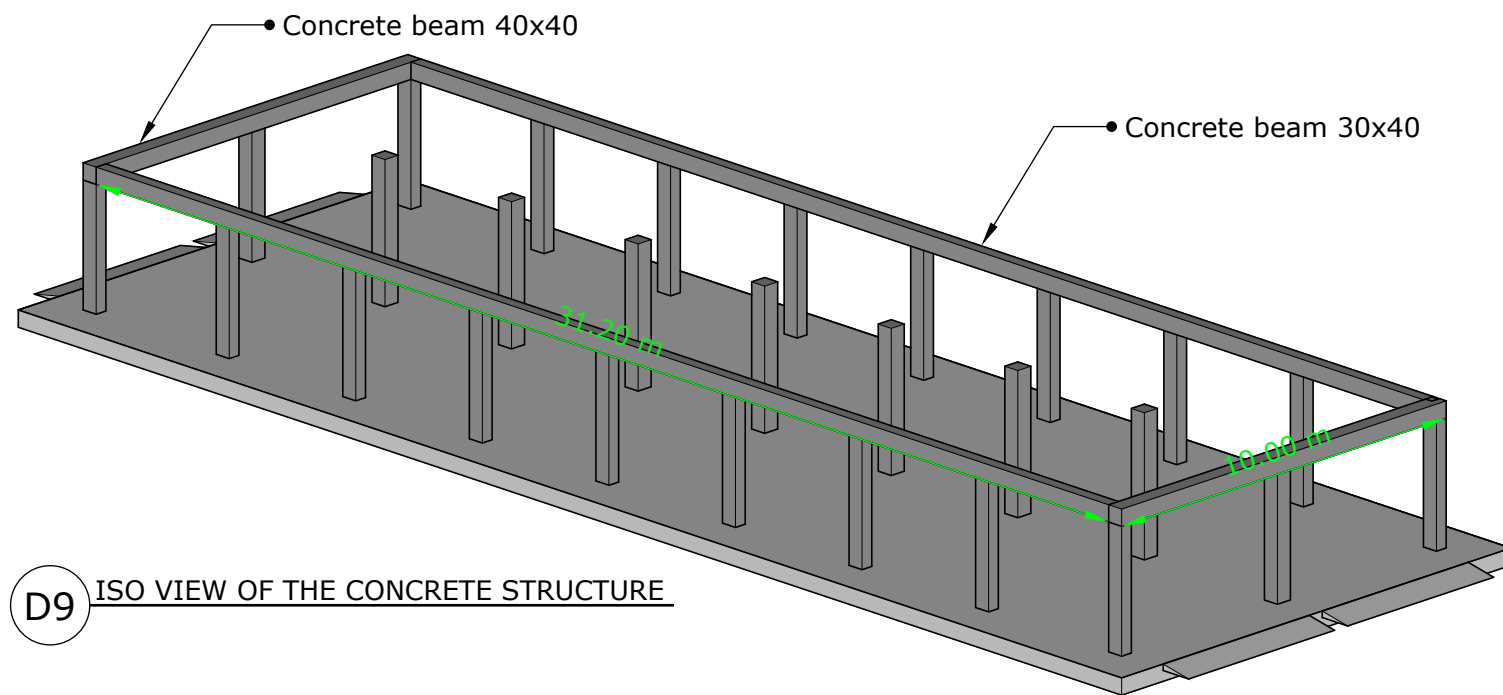
Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

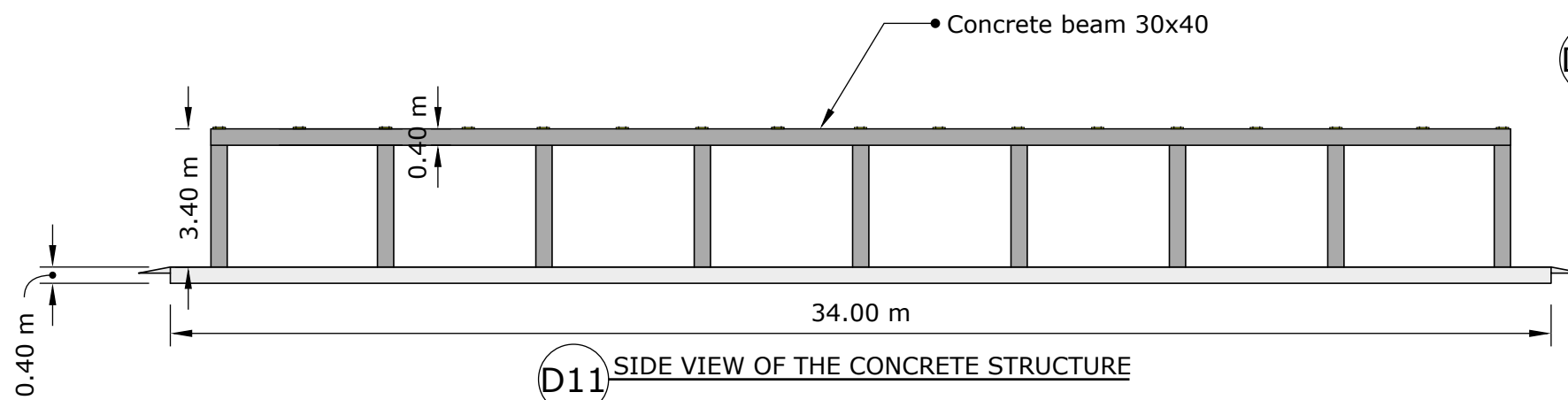
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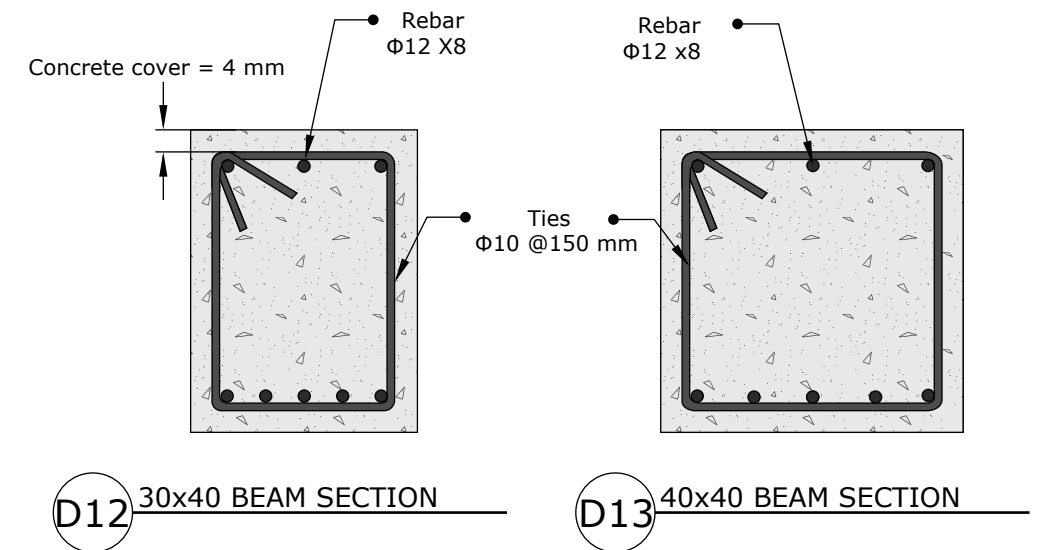
D8 TOP VIEW OF THE CONCRETE STRUCTURE



D9 ISO VIEW OF THE CONCRETE STRUCTURE

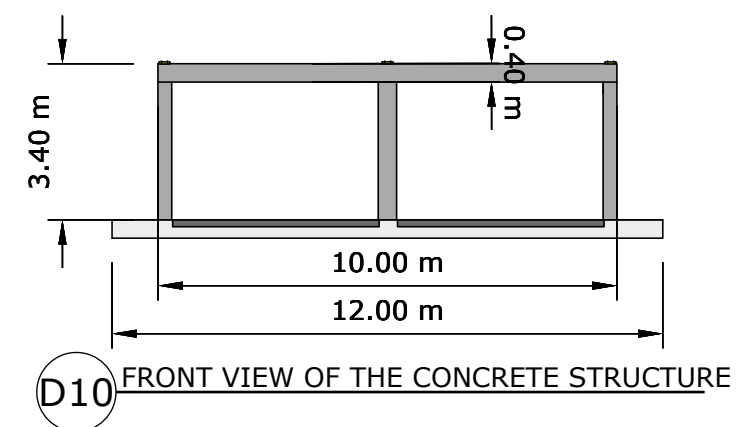
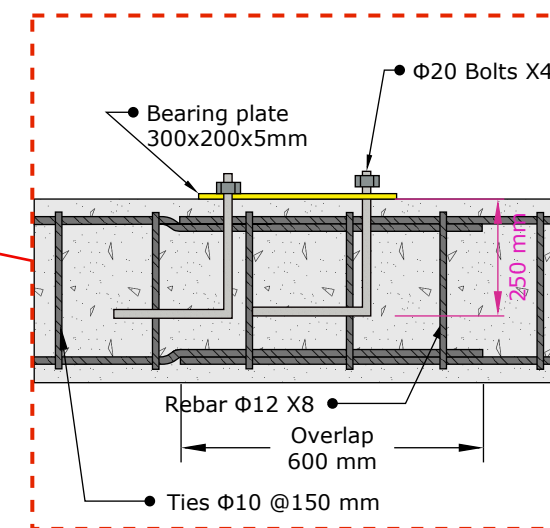


D11 SIDE VIEW OF THE CONCRETE STRUCTURE



D12 30x40 BEAM SECTION

D13 40x40 BEAM SECTION



D10 FRONT VIEW OF THE CONCRETE STRUCTURE



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Beam details

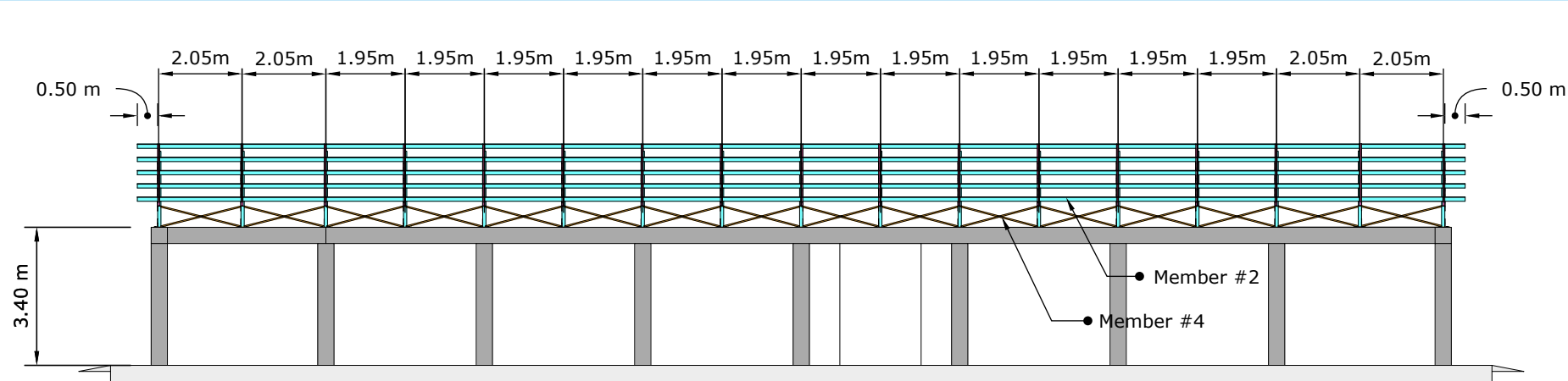
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Designed by: Omar Ali Rafeek

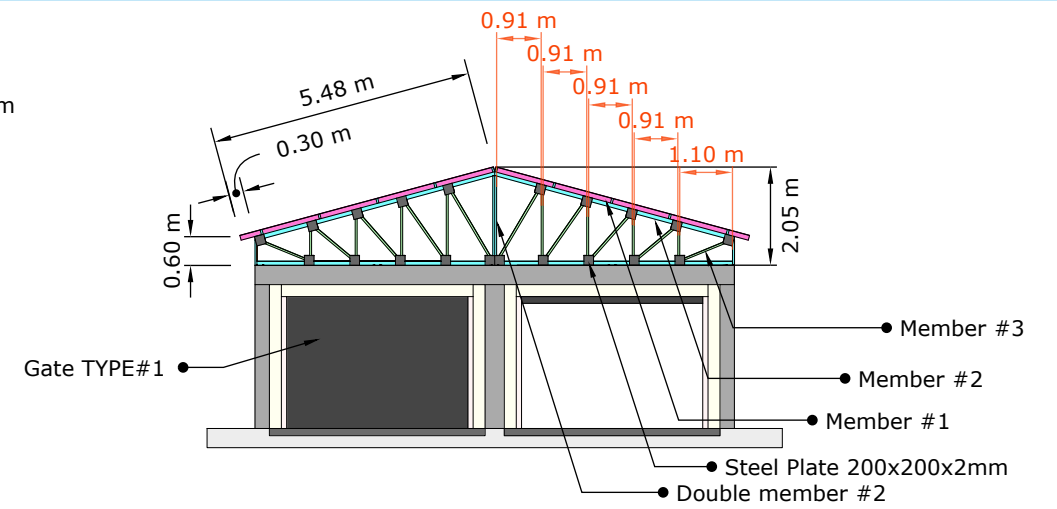
Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

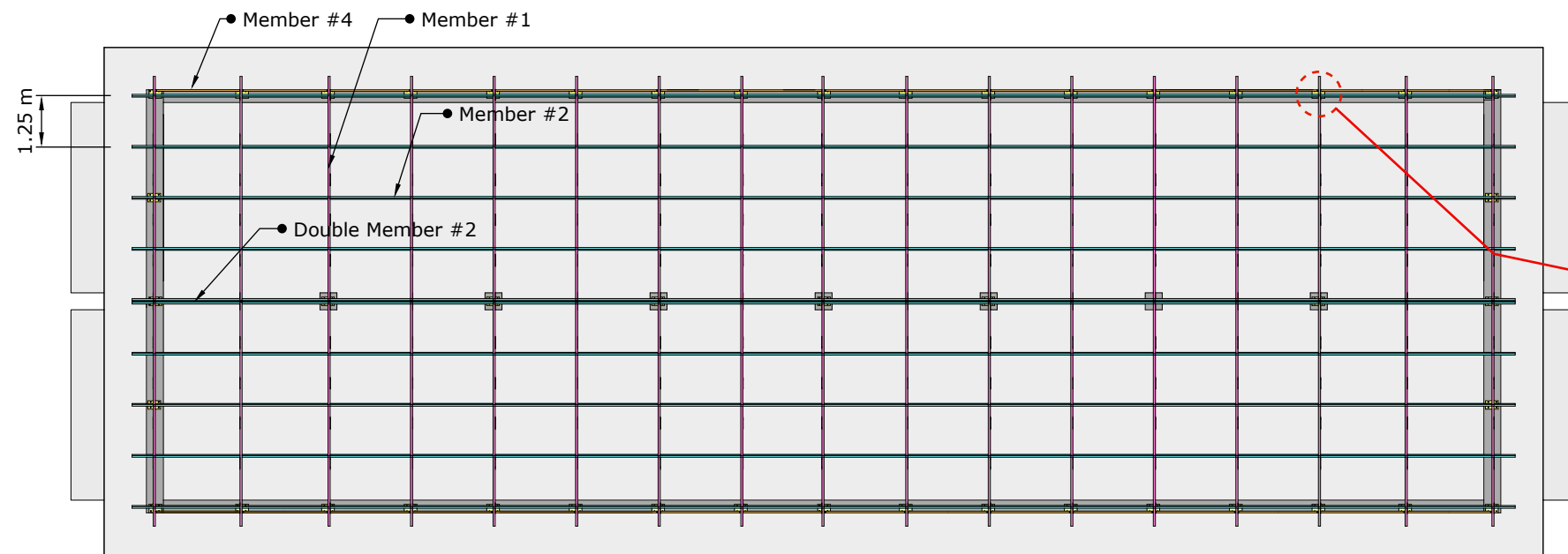
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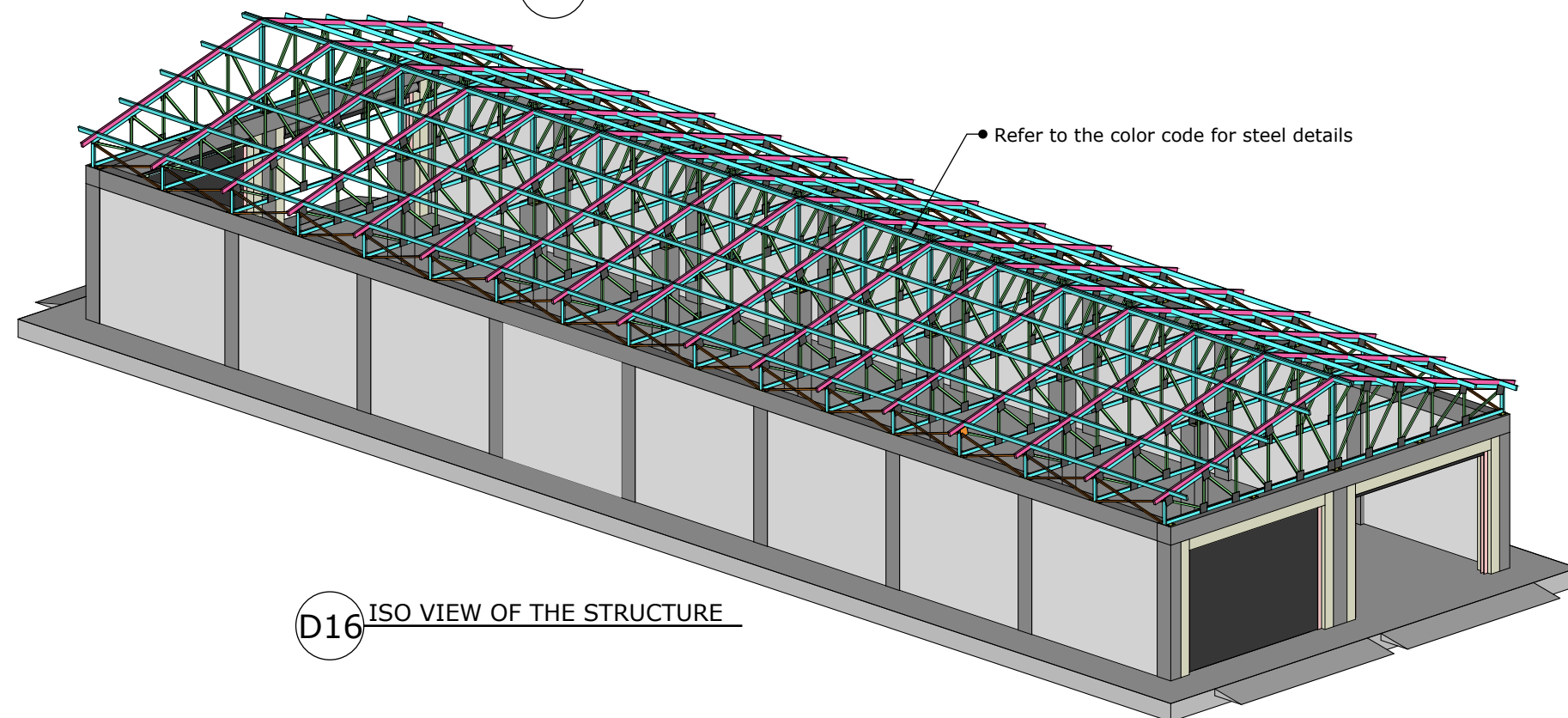
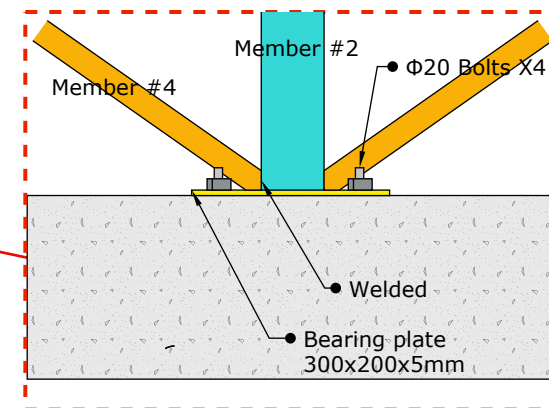
D14 SIDE VIEW OF THE STRUCTURE



D17 FRONT VIEW OF THE STRUCTURE



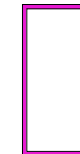
D15 TOP VIEW OF THE STRUCTURE



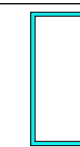
D16 ISO VIEW OF THE STRUCTURE

#### STEEL SECTIONS SCHEDULE COLOR CODE

Member #1  
100x50x2 mm



Member #2  
80x40x2 mm



Member #3  
40x40x2 mm



Member #4  
30x30x2 mm



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Steel Truss details

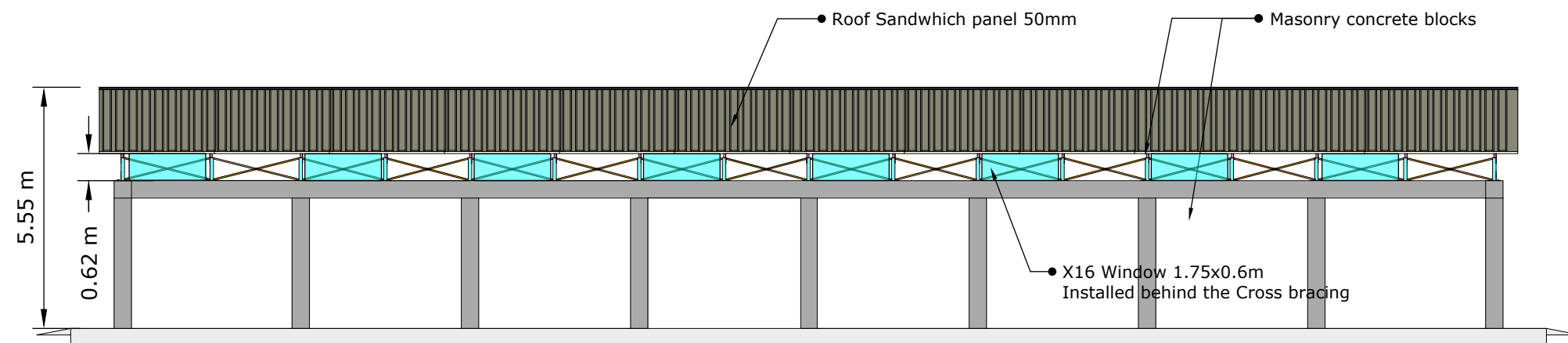
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Designed by: Omar Ali Rafeek

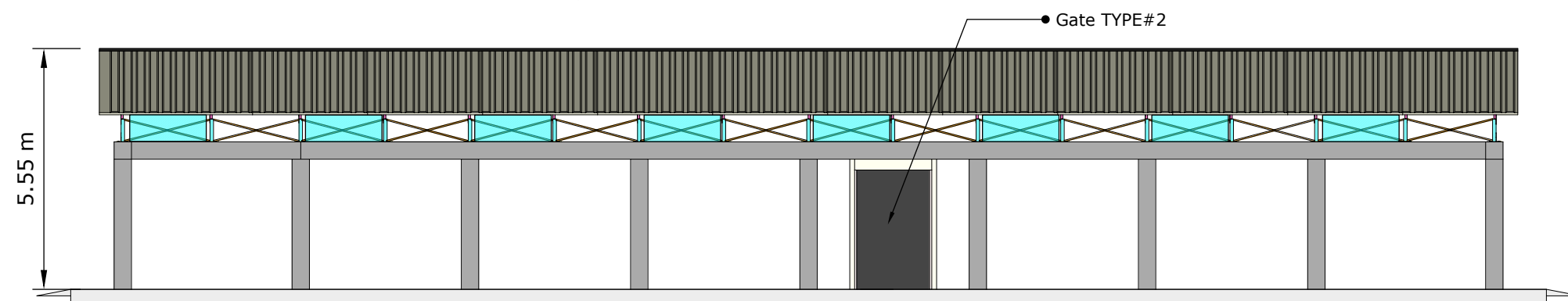
Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

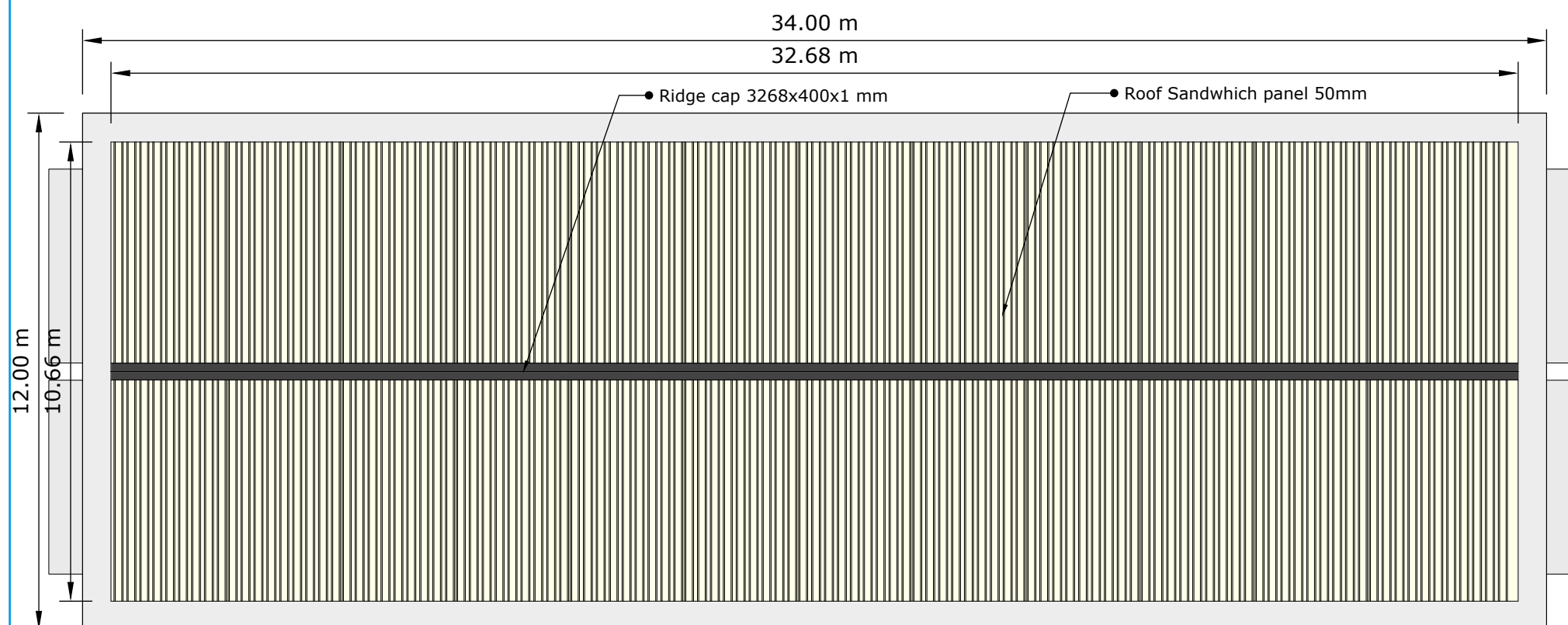
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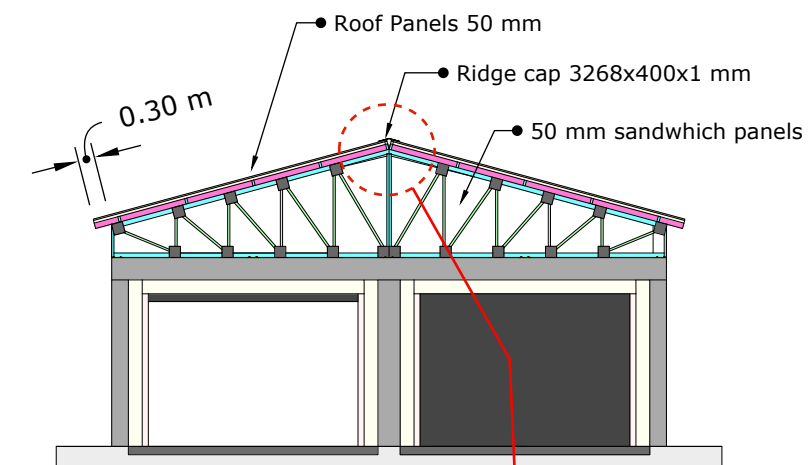
D18 LEFT VIEW OF THE STRUCTURE



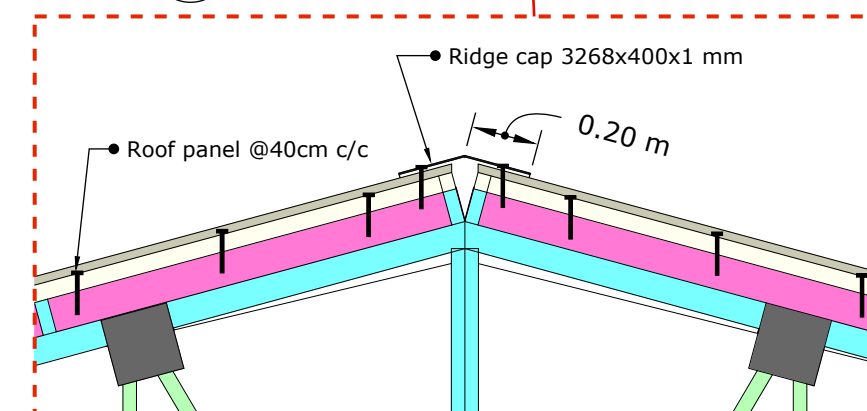
D19 RIGHT VIEW OF THE STRUCTURE



D20 TOP VIEW OF THE STRUCTURE

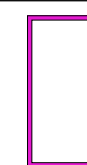


D21 FRONT VIEW OF THE STRUCTURE

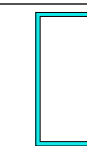


#### STEEL SECTIONS SCHEDULE COLOR CODE

Member #1  
100x50x2 mm



Member #2  
80x40x2 mm



Member #3  
40x40x2 mm



Member #4  
30x30x2 mm



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Finishing details

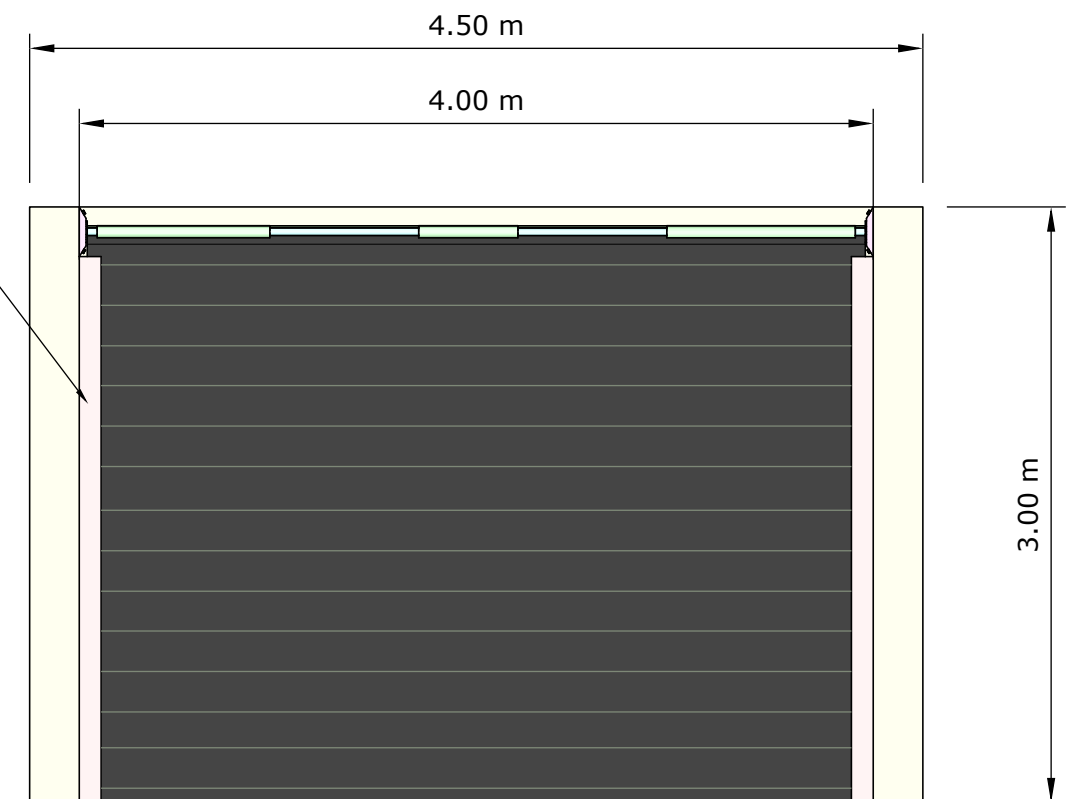
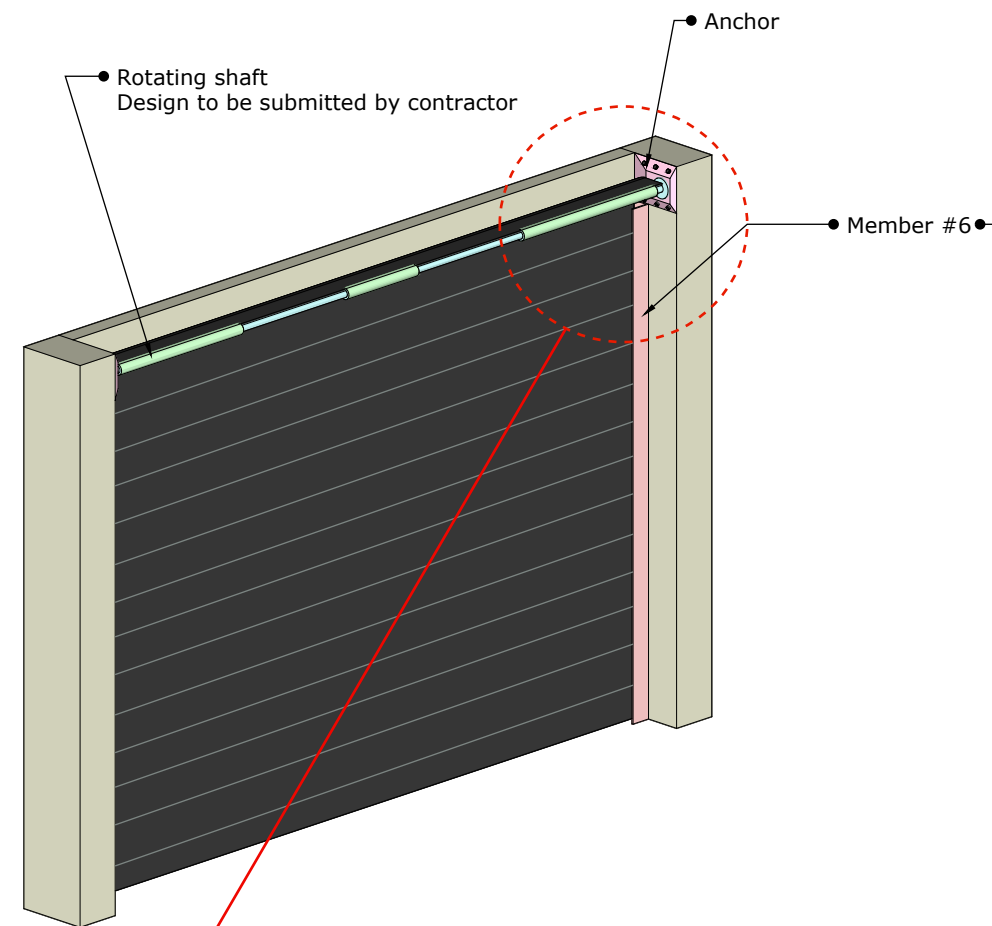
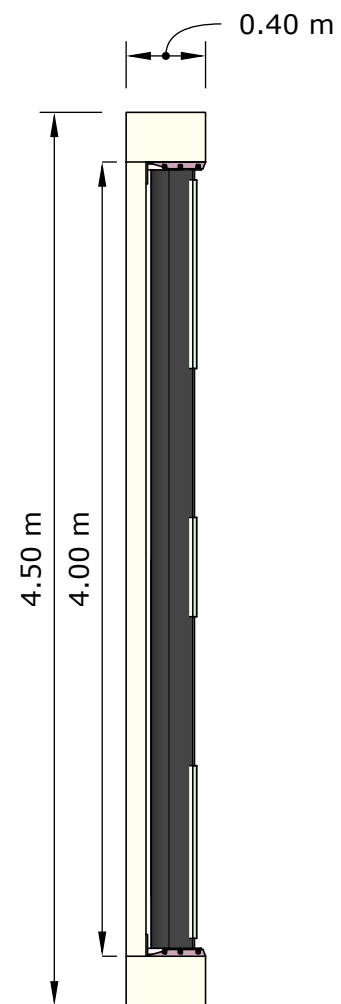
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Designed by: Omar Ali Rafeek

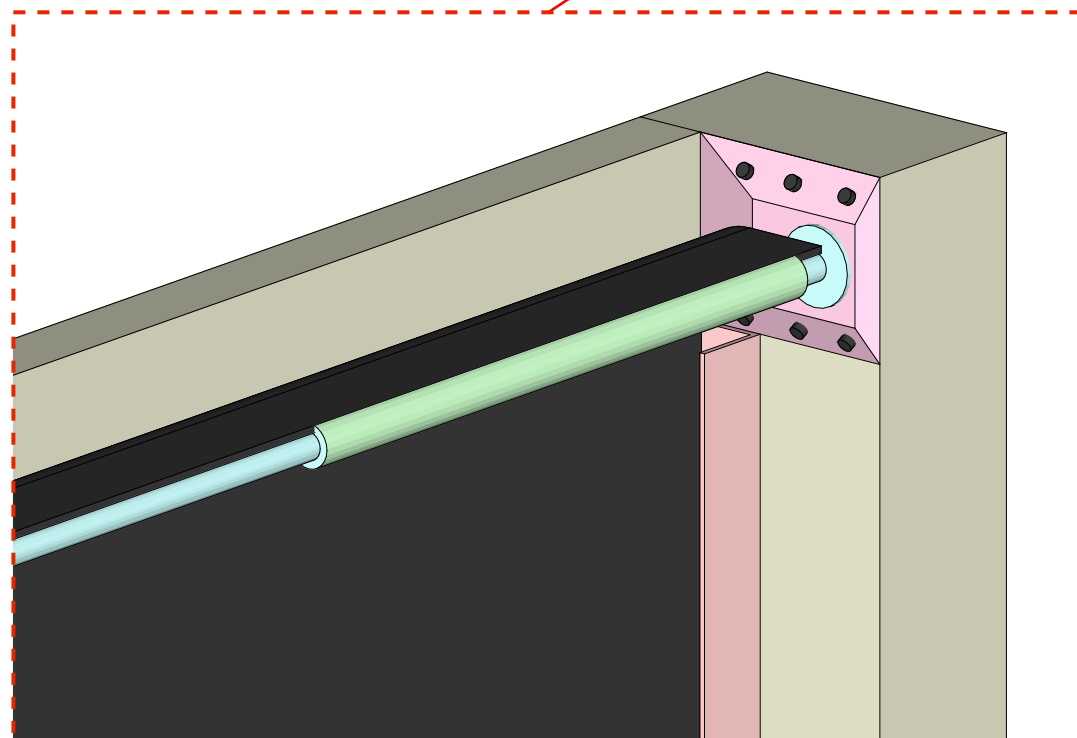
Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

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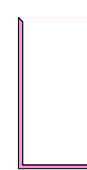


D22 TYPE #1 GATE DETAILS



#### STEEL SECTIONS SCHEDULE COLOR CODE

Member #6  
100x50x4 mm



#### NOTES:

- 1- All the details of the gate shall be submitted by the contractor
- 2- The steel frame members shall have a thickness of no less than 4mm
- 3- A gate sample must be submitted by contractor prior to installation



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Gate type #1 details

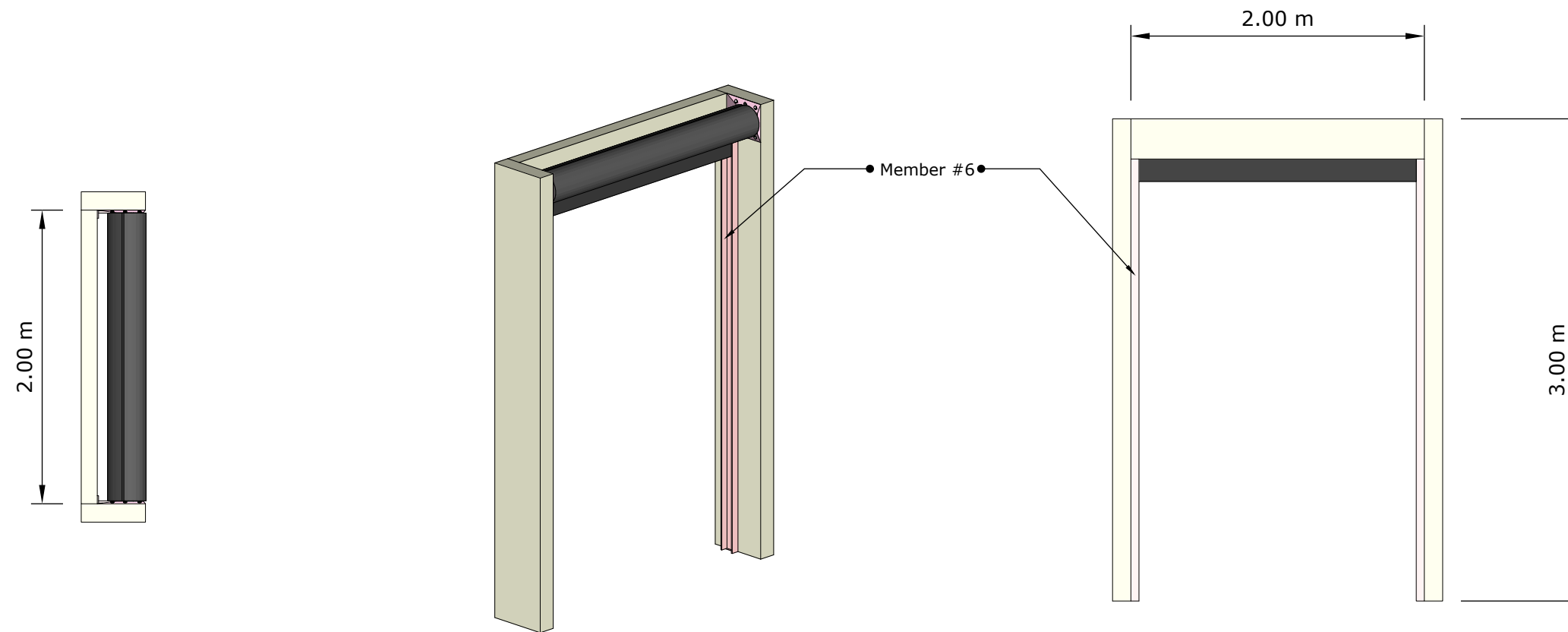
Sheet NO: 6

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

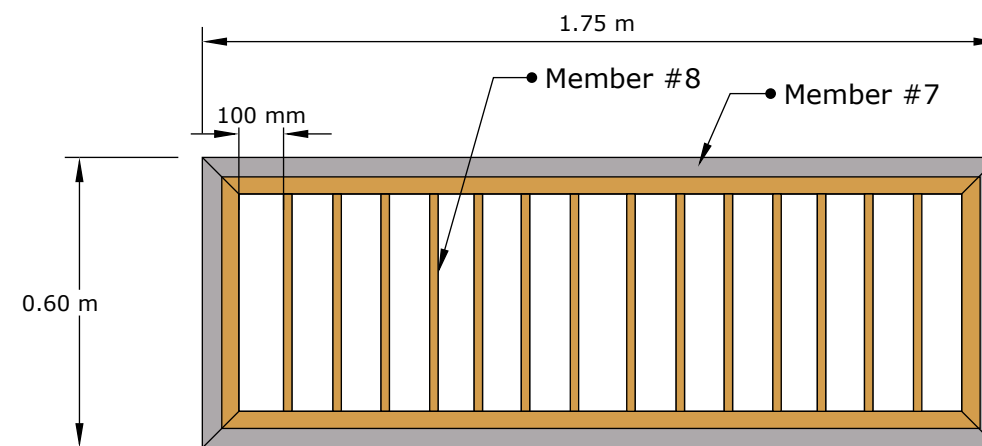
Approve date: Oct 24 2021

Notes:



STEEL SECTIONS SCHEDULE COLOR CODE	
Member #6 100x50x4 mm	

**D23** TYPE #2 GATE DETAILS



STEEL SECTIONS SCHEDULE COLOR CODE	
Member #6 100x50x4 mm	
Member #7 40x40x4 mm	
Member #8 30x30x2 mm	

**D24** WINDOW DETAILS

#### NOTES:

- 1- All the details of the gate shall be submitted by the contractor
- 2- The steel frame members shall have a thickness of no less than 4mm
- 3- A gate sample must be submitted by contractor prior to installation



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Gates and window details

Sheet NO: 7

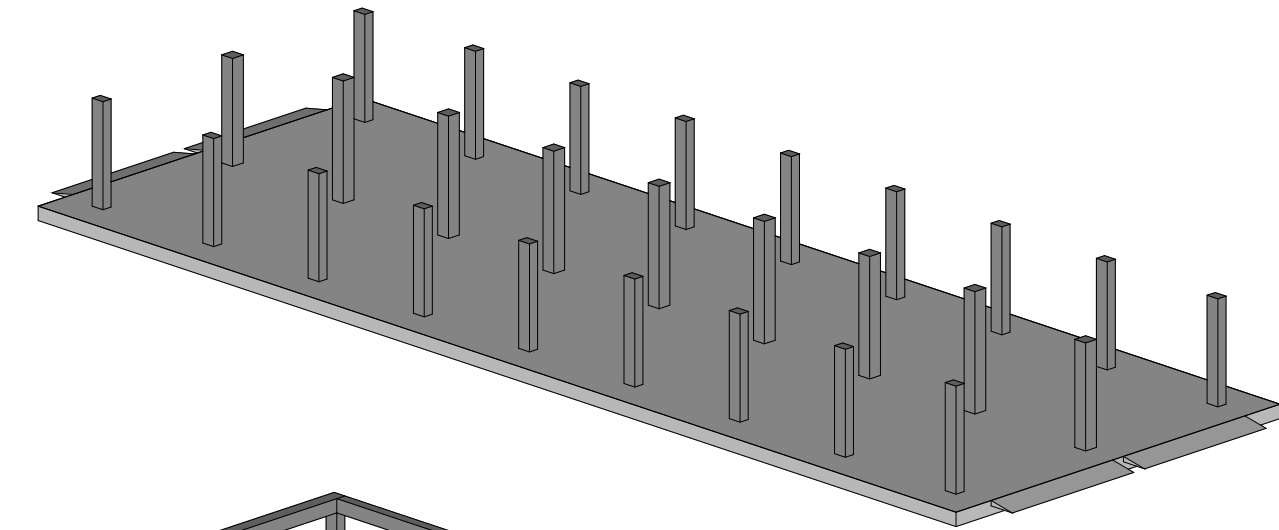
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Approved by: Ibrahim A. Ahmed

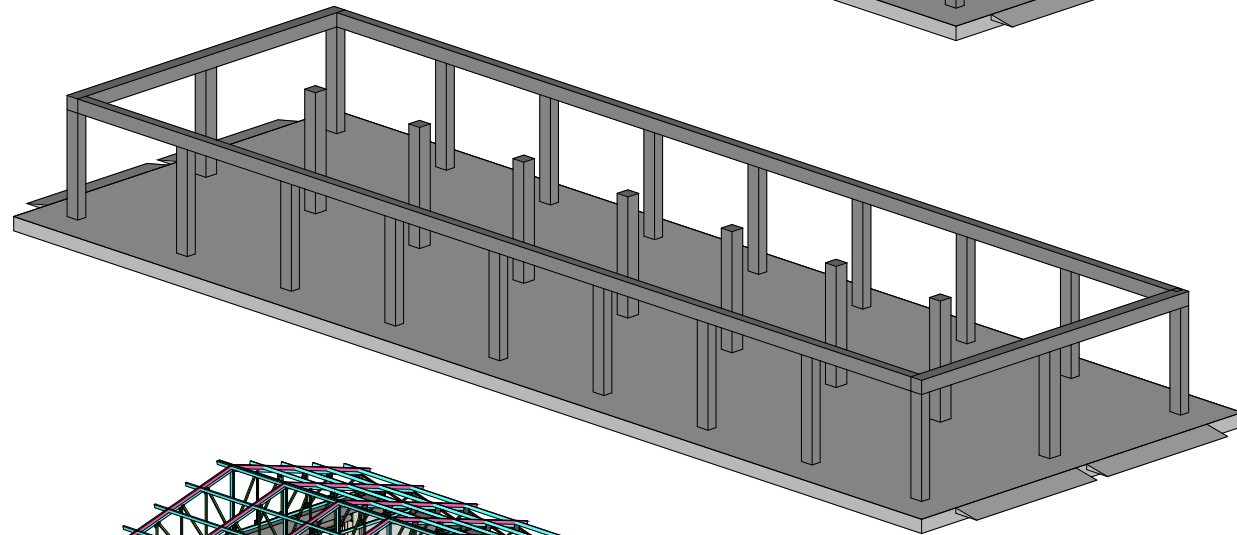
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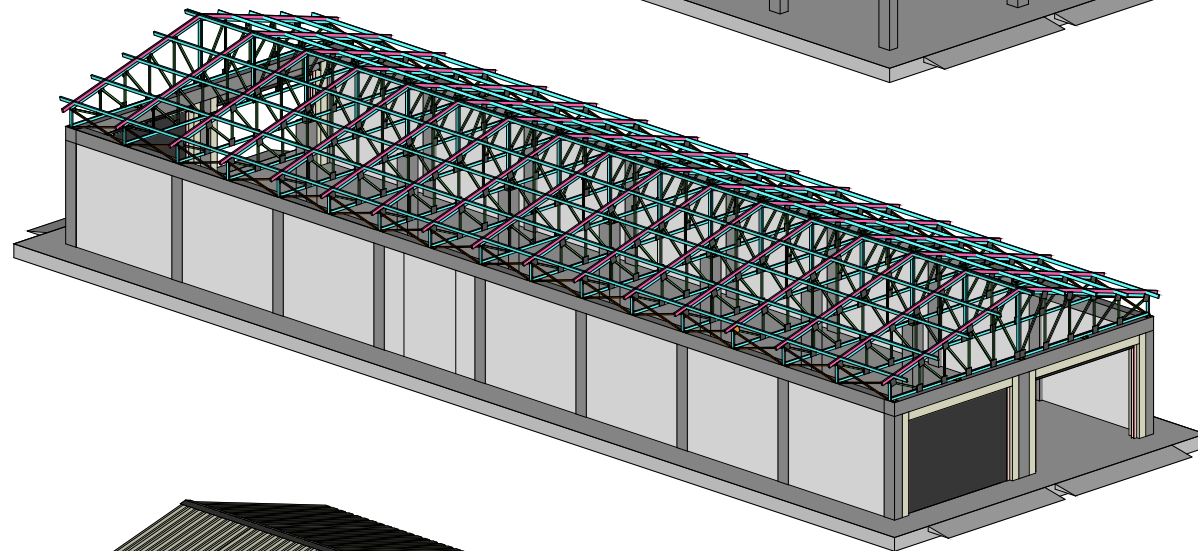




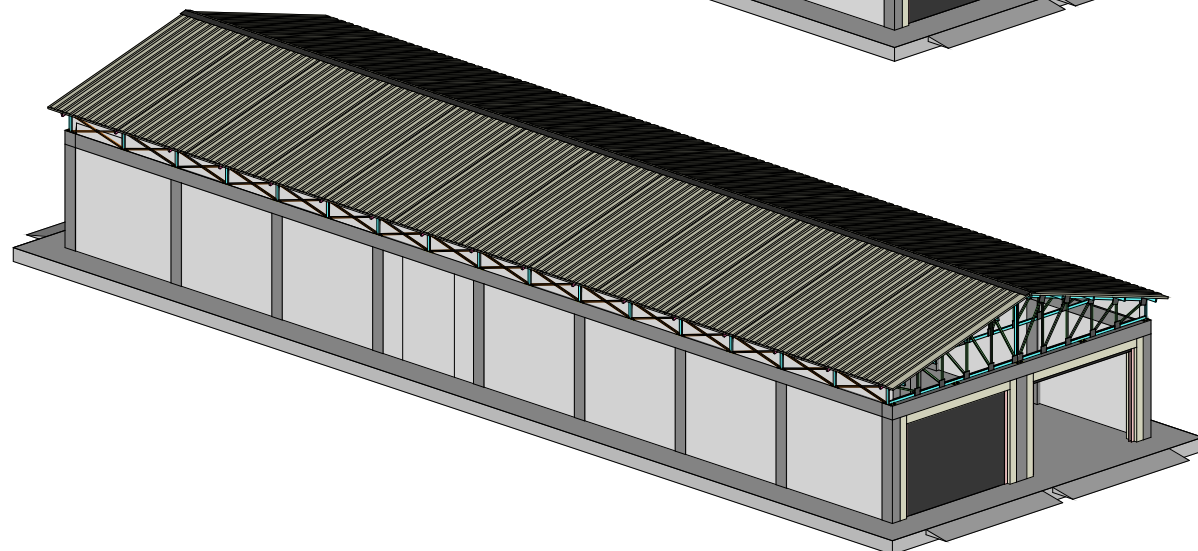
D25 CONCRETE BASE AND COLUMNS



D26 CONCRETE STRUCTURE



D27 TRUSS STRUCTURE



D28 OVERALL STRUCTURE



Project: Distribution warehouse

Title: Structural design drawings

Sheet: Overview

Sheet NO: 8

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

Approve date: Oct 24 2021

Notes: