



BONA . HAUS

Project:
Kiyovu Apartment
Kigali, Rwanda

CONSTRUCTION DETAILS

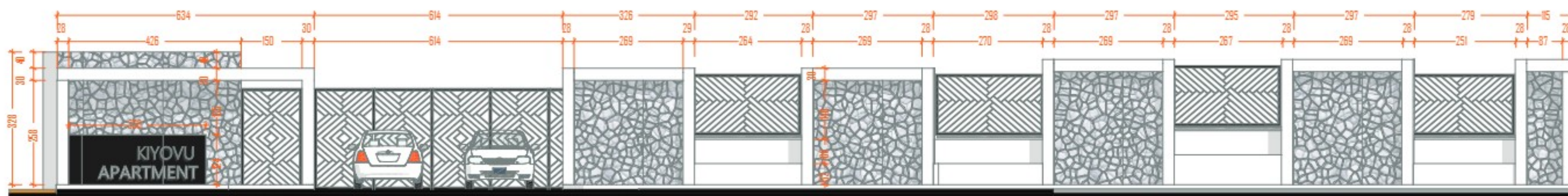
2025 . 02 . 23

 (+250) 783702202

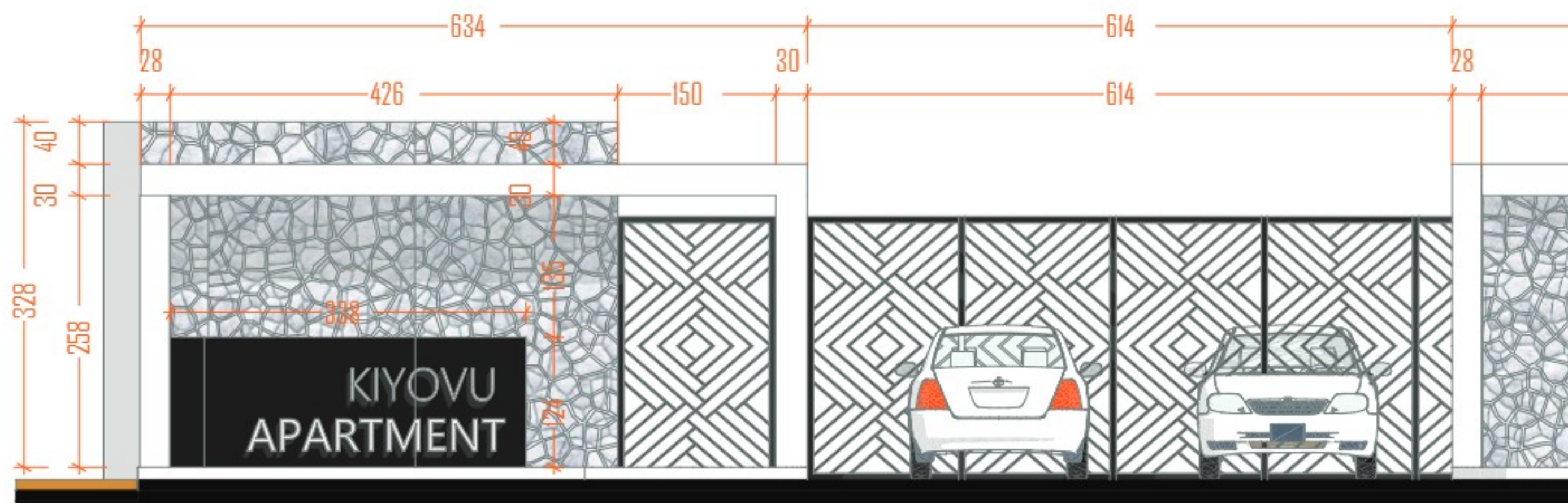
 hagfactus@yahoo.fr

bonahaustld@gmail.com

FENCE ELEVATION

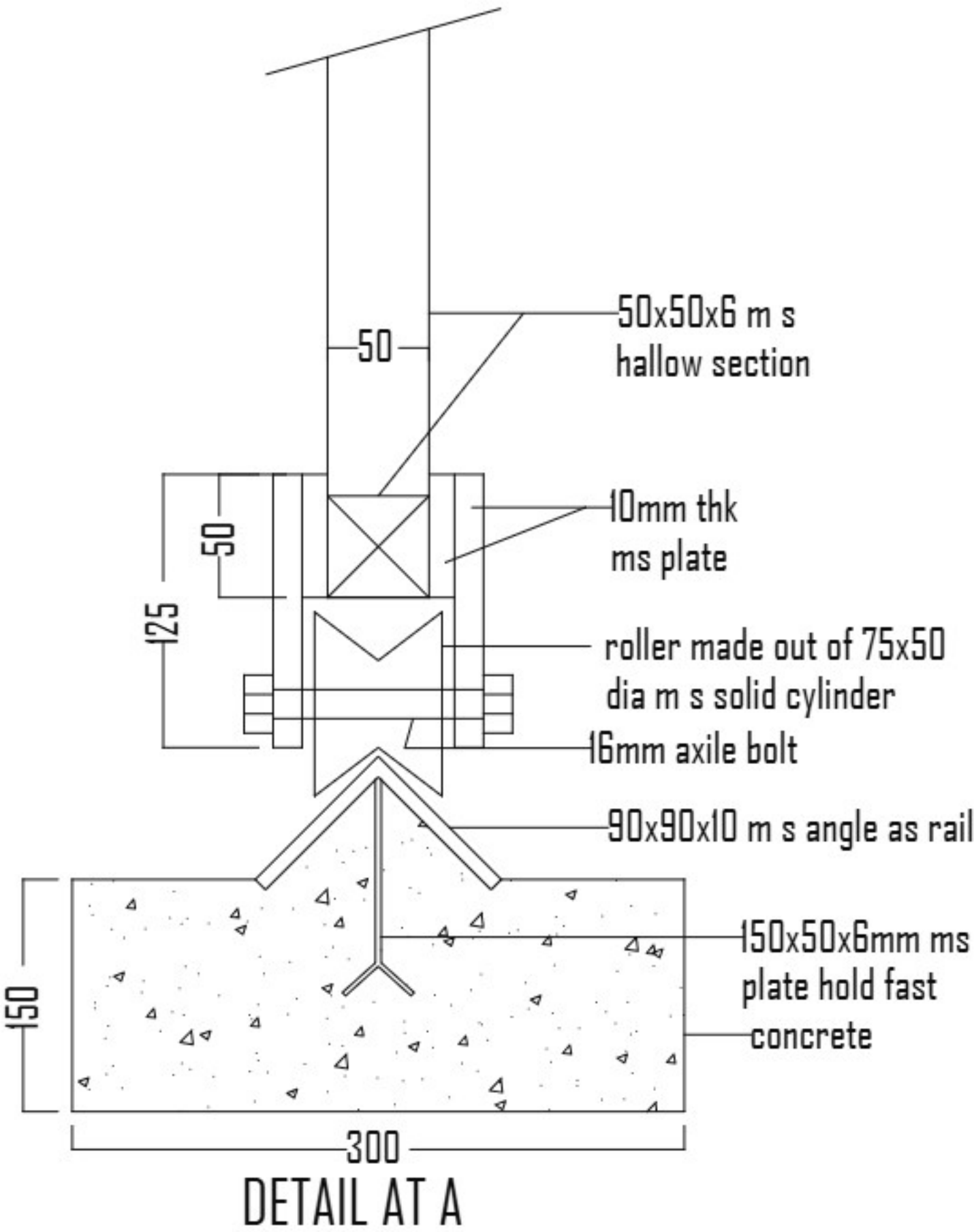
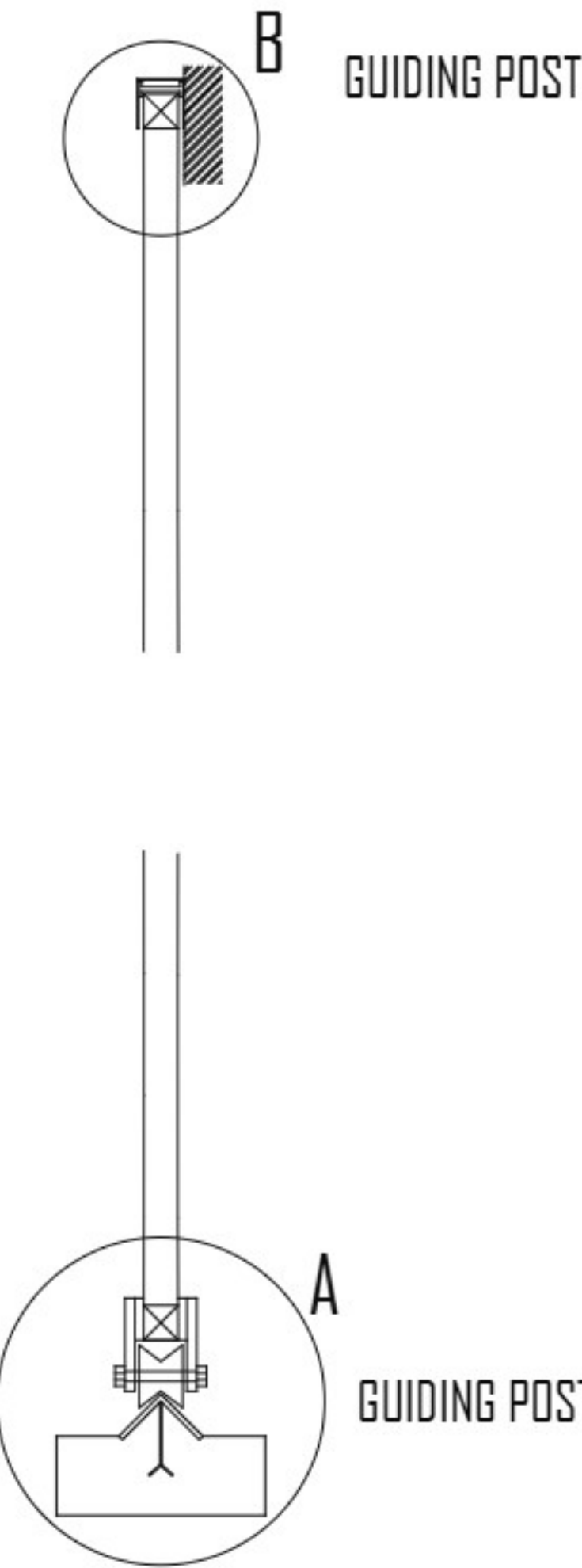


MAIN ENTRANCE ELEVATION



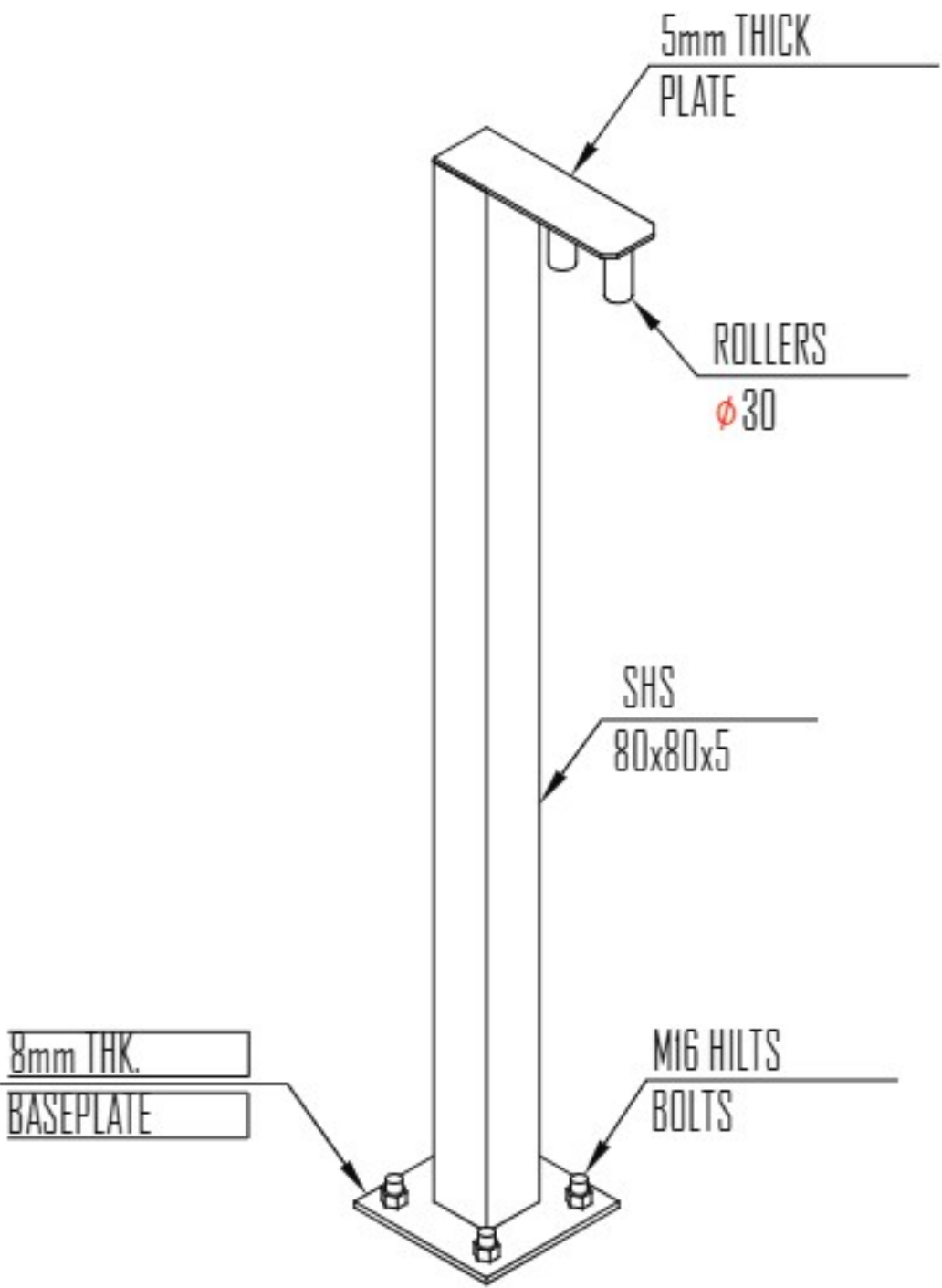
<u>Supervisor</u> CUES LTD +250 783 702 202	<u>Contractor</u> TIGERS CONSTRUCTION LTD (RWANDA) +250 784 406 768	<u>Project Title</u> RESIDENTIAL APARTMENTS	<u>Location</u> City: Df Kigali Muyarunge District Muyarunge Sector Kiyovu Cell Isheho Village	<u>Owner</u> BEKELE SISAY TESFAYE +250 788 314 814	<u>Notes</u> All dimensions on the plans, sections and elevations are in centimeters. All dimensions have to be checked on site, in case of errors, contact the designer. For all concrete / reinforced concrete elements, check the structural plans for more details.	<u>Context [s]</u>	<u>Scale[s]</u> 1 / 150 1 / 50 1 / 30	<u>Date</u> October 2024	<u>Page Size No</u> A1_1
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DETAIL: GATE INSTALLATION

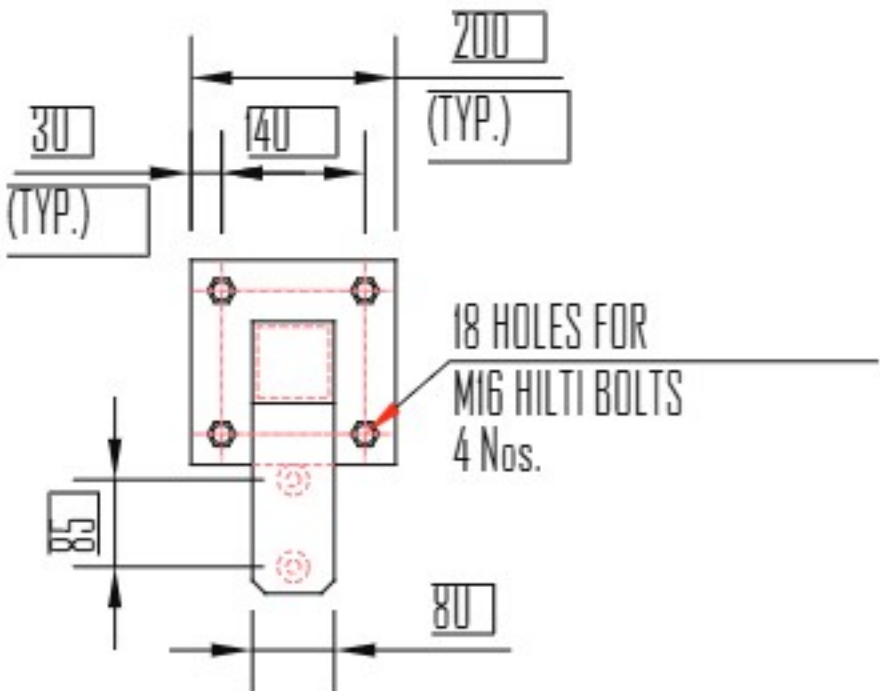


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CUES LTD +250 783 702 202	TIGERS CONSTRUCTION LTD (RWANDA) +250 784 406 768	RESIDENTIAL APARTMENTS	City Of Kigali Musanze District Musanze Sector	BEKELE SISAY TESFAYE +250 788 314 814	All dimensions on the plans, sections and elevations are in centimeters. All dimensions have to be checked on site, in case of errors, contact the designer. For all concrete / reinforced concrete elements, check the structural plans for more details.			October 2024	AI_1

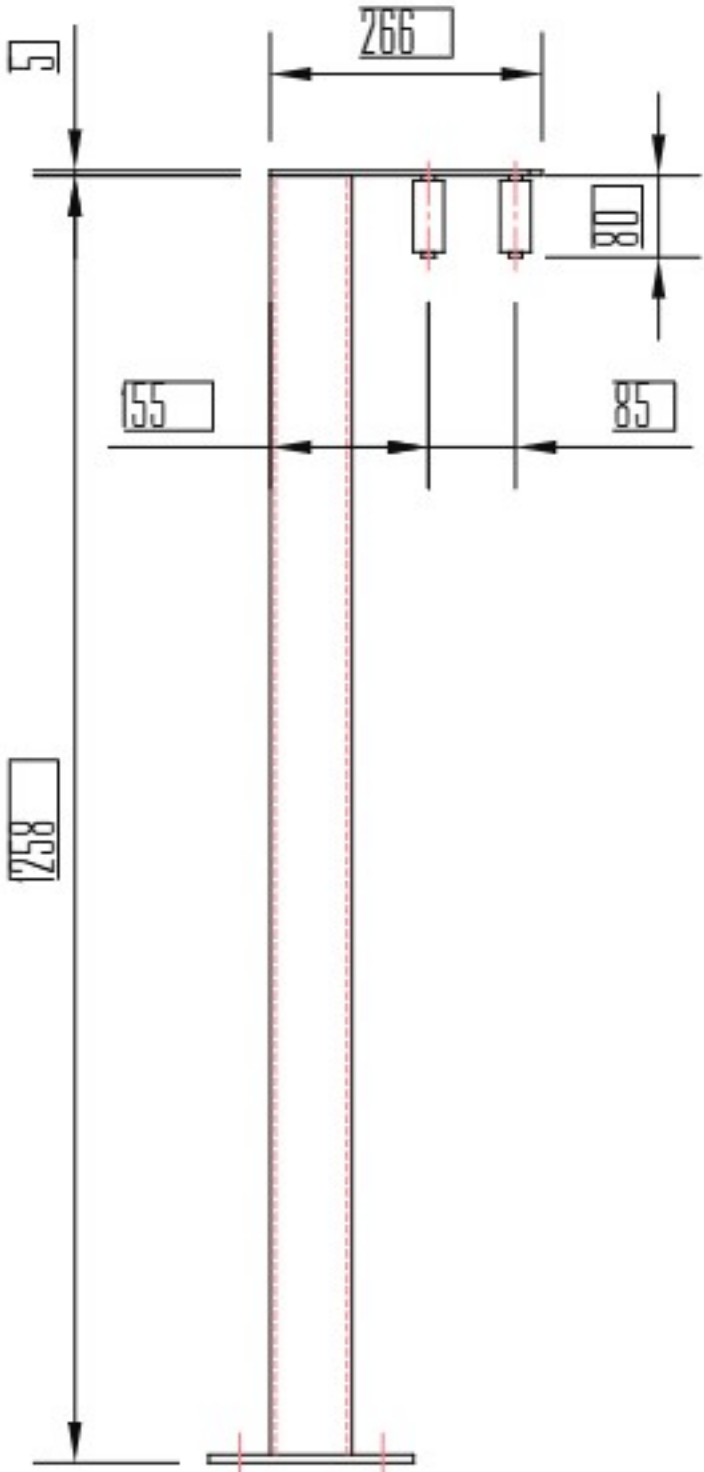
DETAIL: GUIDING POST



ISOMETRIC VIEW



TOP VIEW



SIDE VIEW

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CUES LTD +250 783 702 202	TIGERS CONSTRUCTION LTD (RWANDA) +250 784 406 768	RESIDENTIAL APARTMENTS	City Of Kigali Nyarugenge District Nyarugenge Sector	BEKELE SISAY TESFAYE +250 788 314 814	All dimensions on the plans, sections and elevations are in centimeters. All dimensions have to be checked on site, in case of errors, contact the designer. For all concrete / reinforced concrete elements, check the structural plans for more details.			October 2024	A1_1

Wheel Stops
Install concrete stops to prevent vehicle overrun safely

Setback
The setback from the railing serves as a buffer to prevent vehicles from colliding with the terminal.

Technical drawing showing three square panels with a diagonal hatching pattern. The panels are arranged horizontally. Dimensions are provided for the panels and the overall assembly.

Panel dimensions (width and height): 75, 9, 75, 9, 75 (top) and 67, 67, 67 (bottom).

Overall dimensions (width and height): 82 (total width) and 82 (total height).

The panels are supported by a base. The first panel on the left has a circular detail callout labeled "Detail 3".

Setback

The setback from the railing serves as a buffer to prevent vehicles from colliding with the terminal.

Wheel Stops

Install concrete stops to prevent vehicle overrun safely.

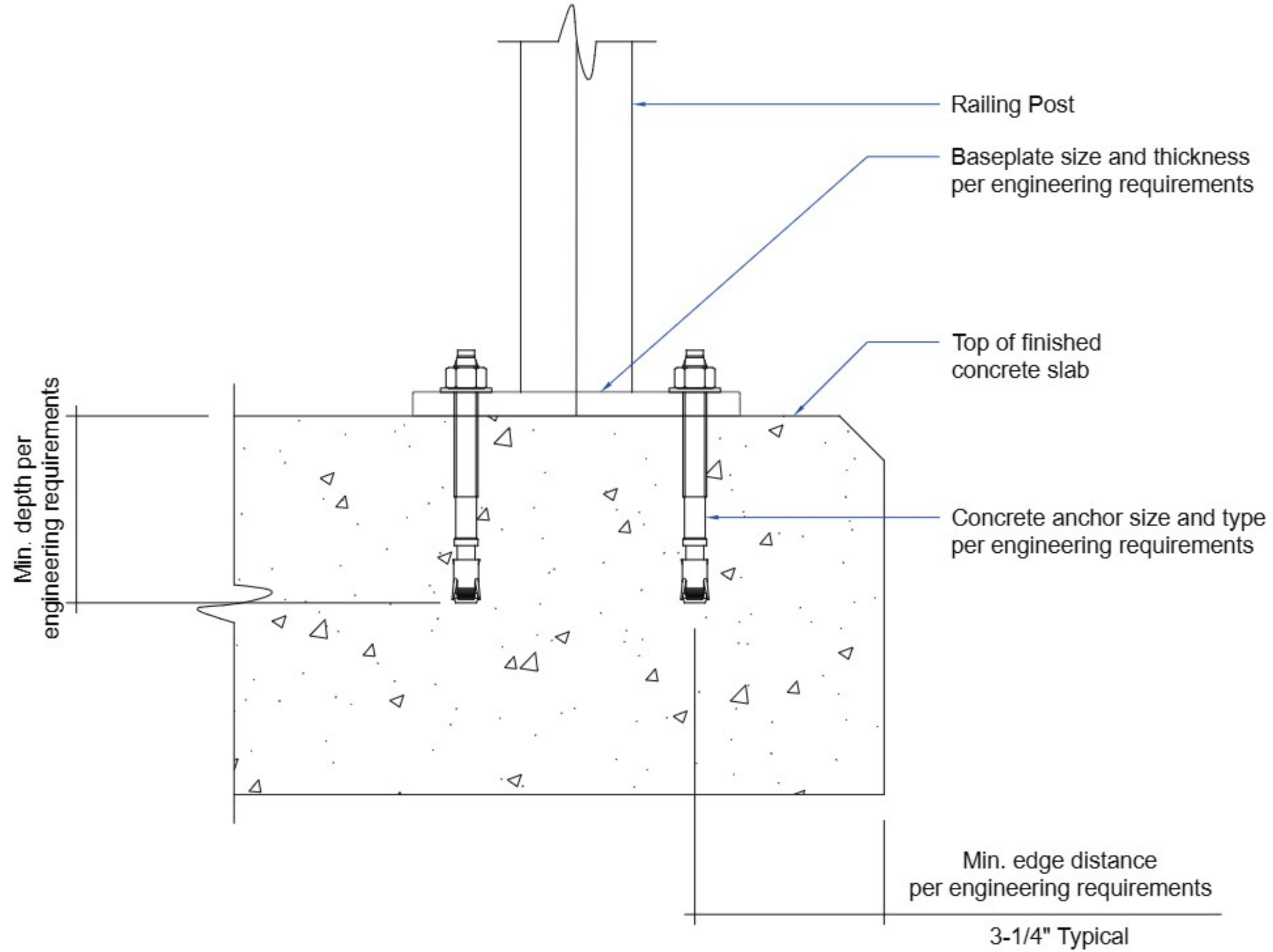
The diagram illustrates a side view of a vehicle terminal. A car is shown on the right, with its rear end positioned at the terminal. To the left of the car, there are concrete wheel stops. Dimensions are provided for the setbacks: 0.2 units from the railing to the first stop, 0.1 units between the first and second stops, and 0.2 units from the second stop to the railing. The railing itself is 0.3 units high and 0.8 units wide. The ground surface is indicated by a hatched pattern.

Detail 2

Detail 2

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CUES LTD +250 783 702 202	TIGERS CONSTRUCTION LTD (RWANDA) +250 784 406 768	RESIDENTIAL APARTMENTS	City Of Kigali Nyarugenge District Nyarugenge Sector	Kiyovu Cell Ikhemu Village BEKELE SISAY TESFAYE +250 788 314 814	All dimensions on the plans, sections and elevations are in centimeters. All dimensions have to be checked on site, in case of errors, contact the designer. For all concrete / reinforced concrete elements, check the structural plans for more details.		1 / 150 1 / 50 1 / 30	October 2024	A1_1

DETAIL3: RAILING ANCHOR PLATE



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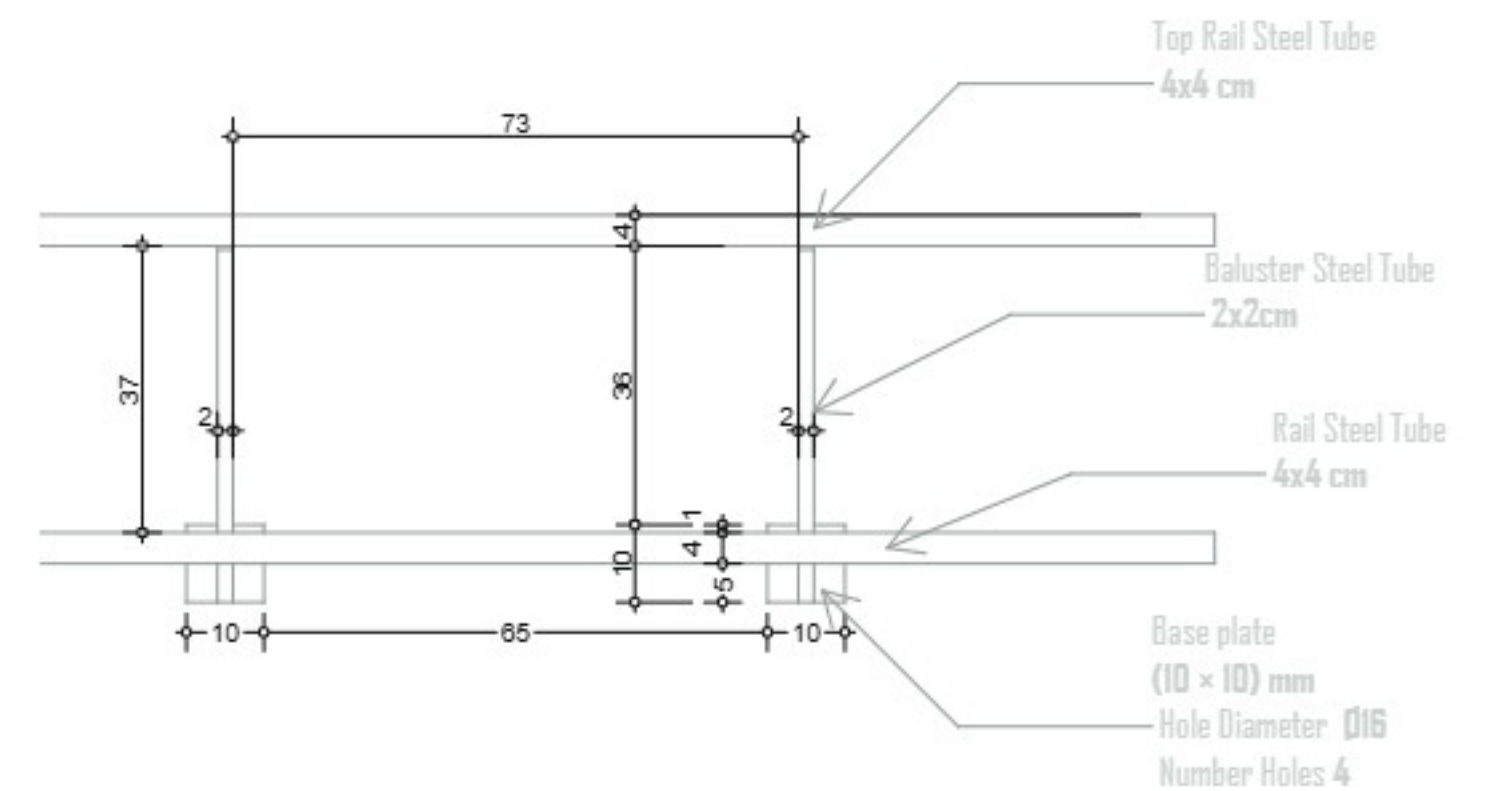
Technical drawing of a staircase railing system, showing a side elevation and a cross-section.

Side Elevation Dimensions:

- Overall height: 1400 mm
- Height to top rail: 700 mm
- Horizontal dimensions: 29 mm, 74 mm, 28 mm
- Vertical dimensions: 10 mm, 60 mm, 81 mm

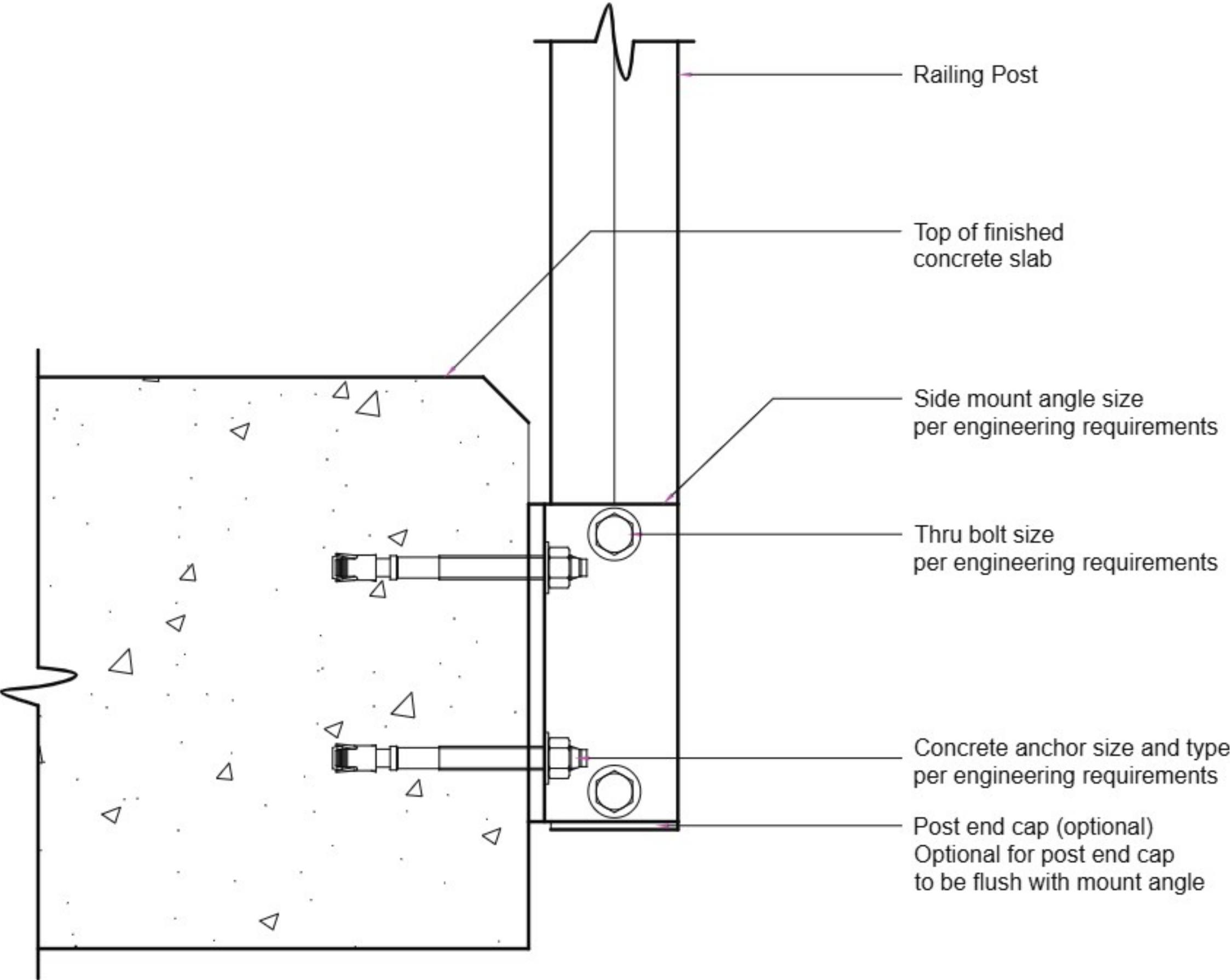
Components and Labels:

- Top Rail Steel Tube 4x4 cm
- Baluster Steel Tube 2x2cm
- Base plate (10 x 10) mm
- Hole Diameter $\phi 16$
- Number Holes 4
- Top Rail Steel Tube 4x4 cm
- RC Link $\phi 6$
- RC Longitudinal Bar $\phi 10$



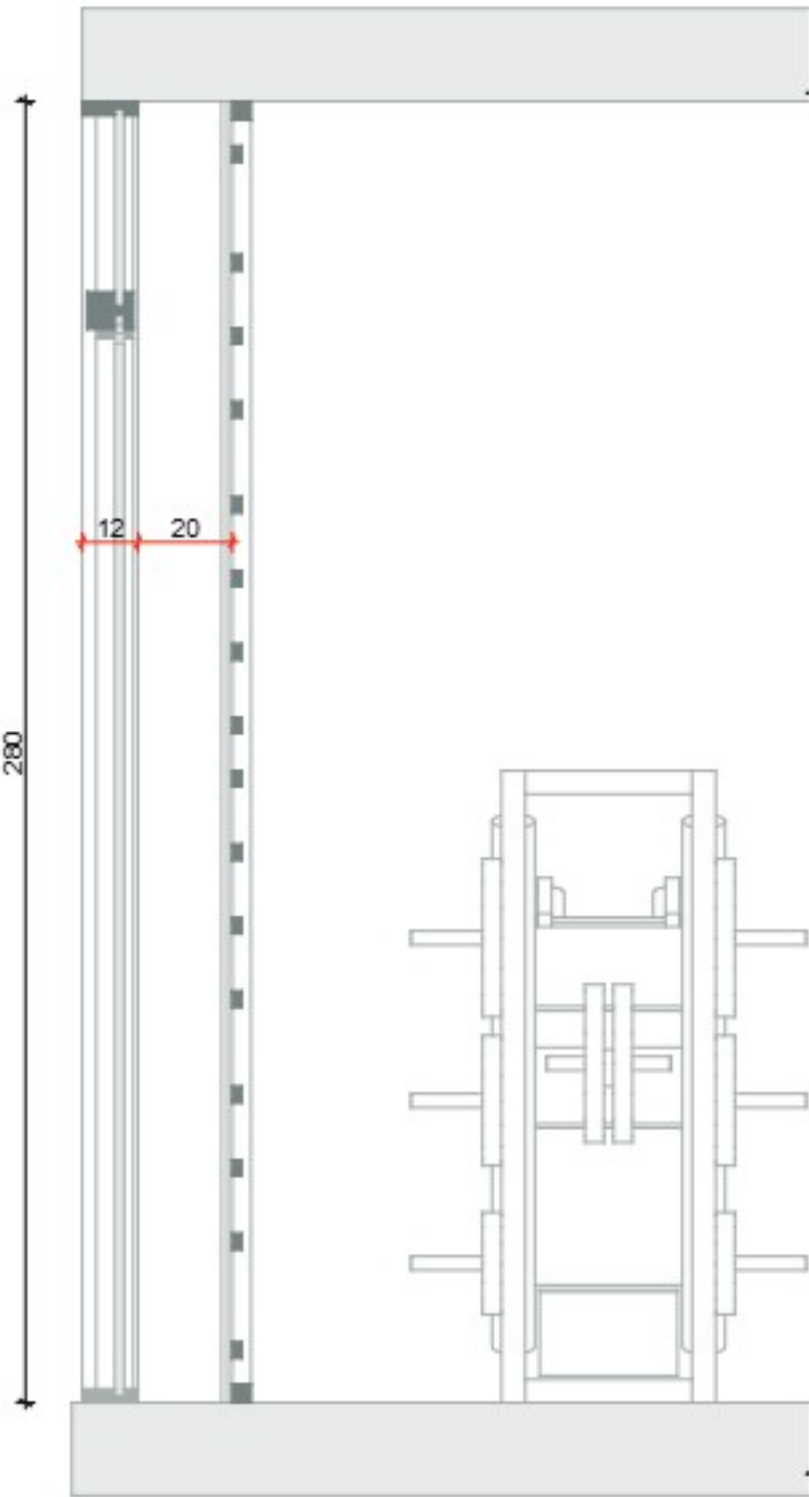
<u>Supervisor</u> CUES LTD +250 783 702 202	<u>Contractor</u> TIGERS CONSTRUCTION LTD (RWANDA) +250 784 406 768	<u>Project Title</u> RESIDENTIAL APARTMENTS	<u>Location</u> City Of Kigali Nyarugenge District Nyarugenge Sector Kiyovu Cell Isikema Village	<u>Owner</u> BEKELE SISAY TESFAYE +250 788 314 814	<u>Notes</u> All dimensions on the plans, sections and elevations are in centimeters. All dimensions have to be checked on site, in case of errors, contact the designer. For all concrete / reinforced concrete elements, check the structural plans for more details.	<u>Content [s]</u> 1 / 20 1 / 50 1 / 30	<u>Scale [s]</u> 1 / 20 1 / 50 1 / 30	<u>Date</u> October 2024	<u>Paper Size / No</u> A1_1
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DETAIL3: RAILING ANCHOR PLATE

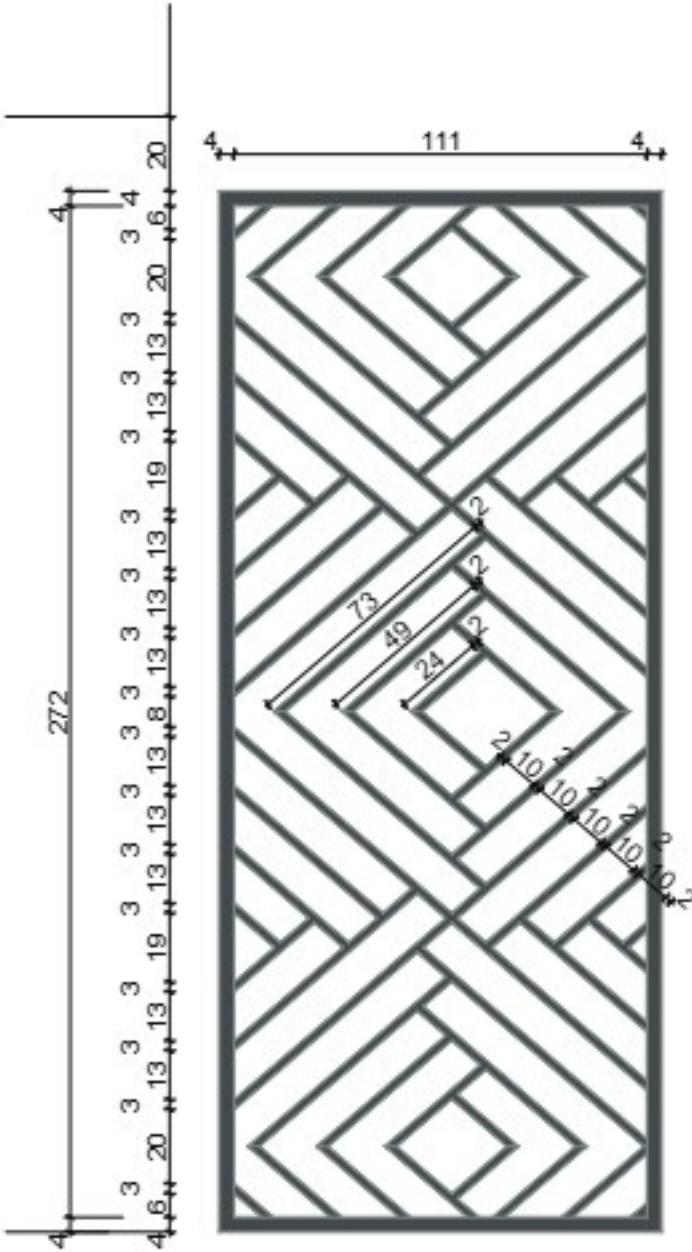


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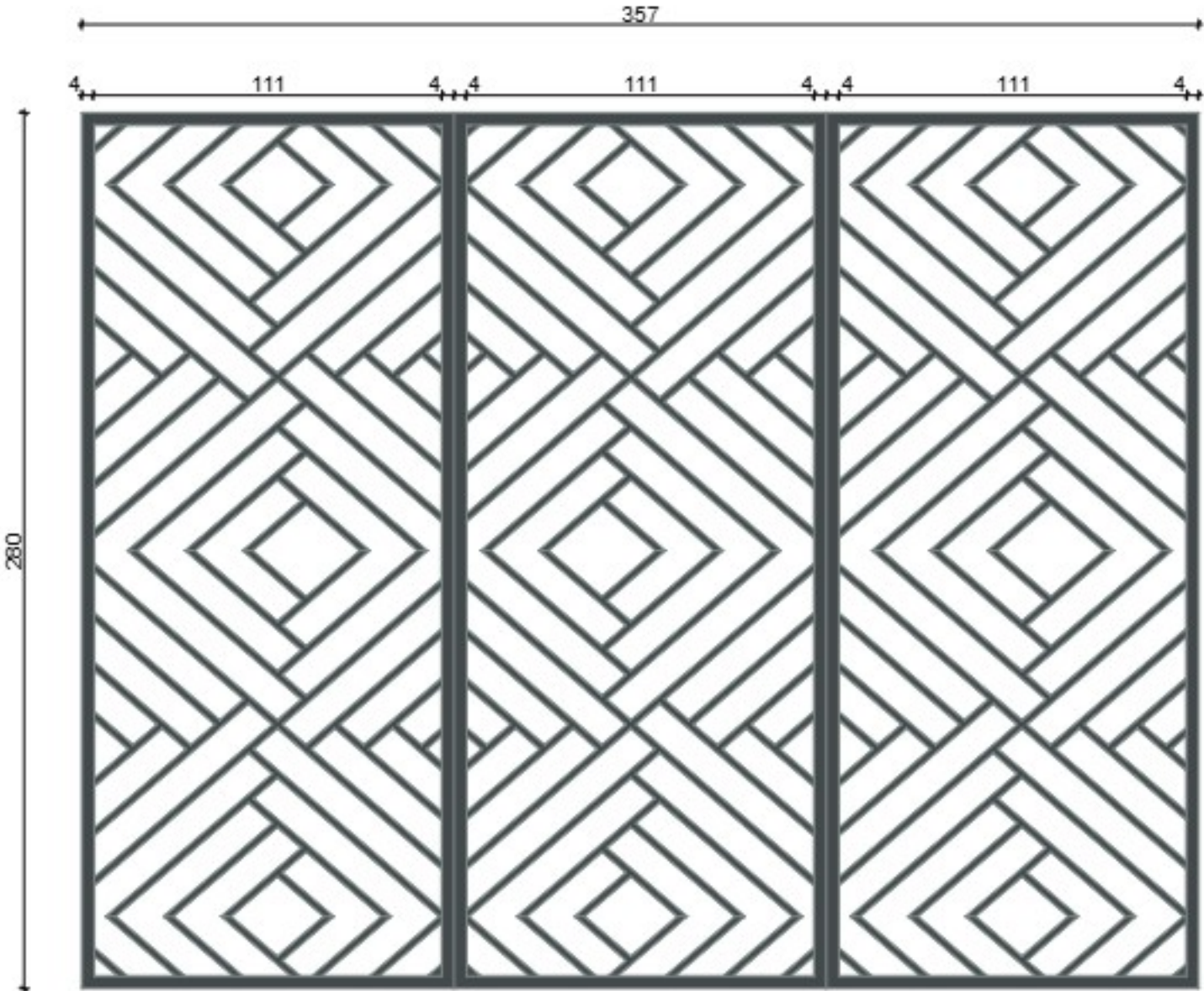
DETAIL 3: GYM GLAZED PANEL SCREEN



Modular Unit

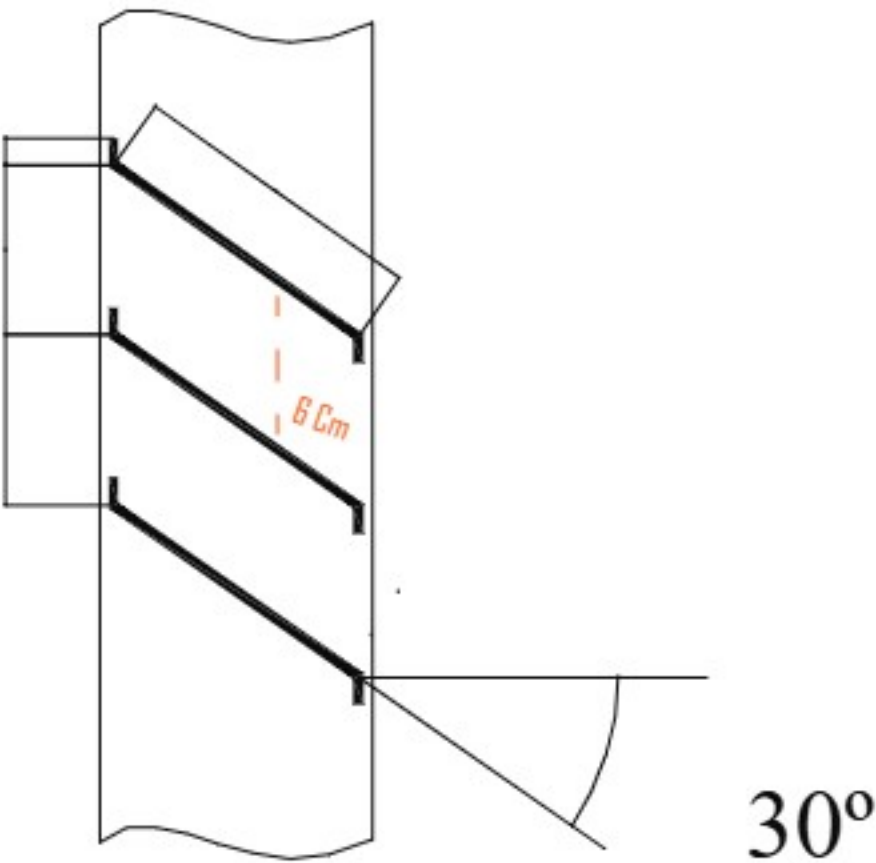


Combination



DETAIL4: LOUVRES DETAILS

Modular Unit

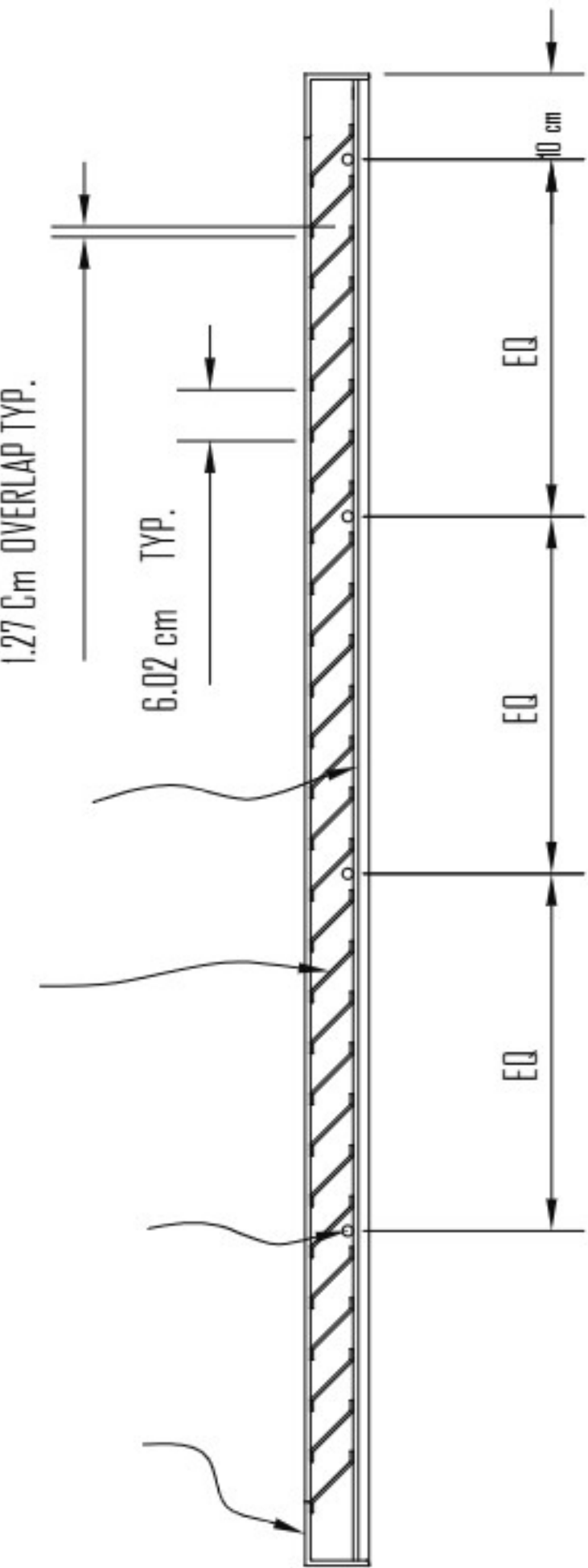


AL FB (0.635× 2.54) cm
RIBS TYPICAL
6061-T6

EXTRUDED
ALUMINUM
LOUVERS TYP.
6063-T6

1/2"Ø HOLES FOR
PANEL TO POST
FASTENERS

AL L(7.62×7.62×0.635) cm
PANEL FRAME TYP.
FOUR SIDES
6061-T6



This louver detail applies to the main windows at the staircase, the control room beneath the swimming pool, and the service room.

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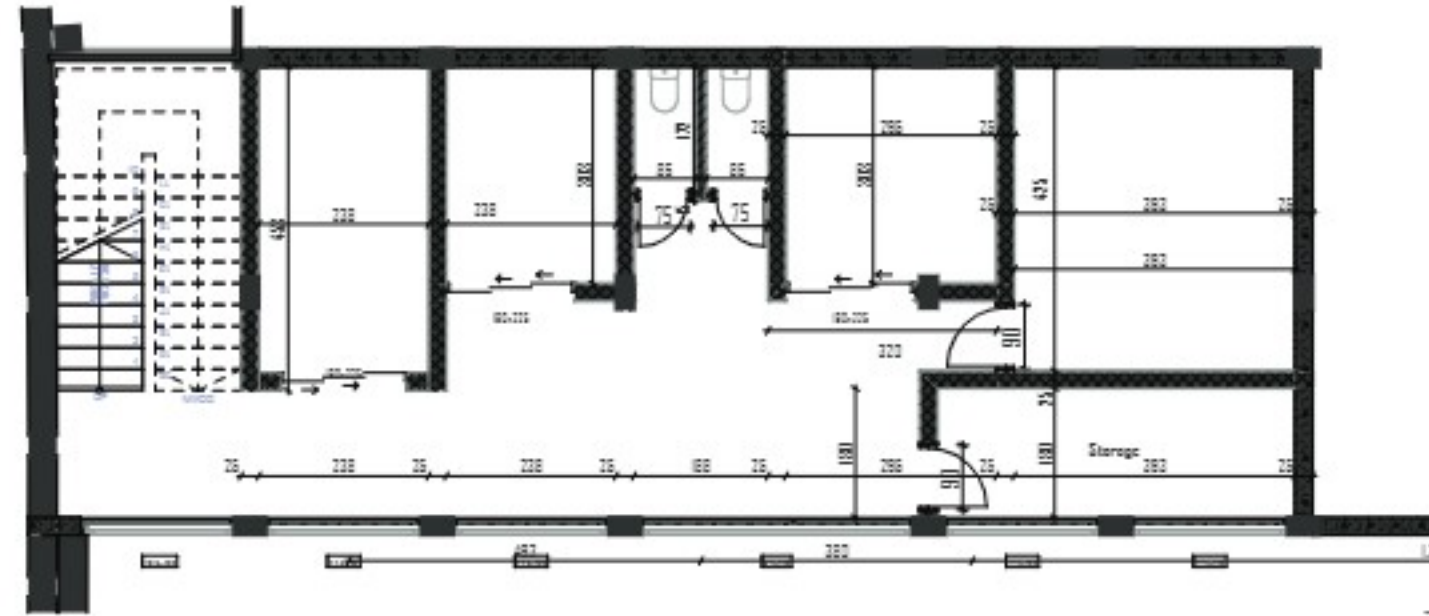
DETAIL 4: ENVIRONMENTAL

Modular Unit

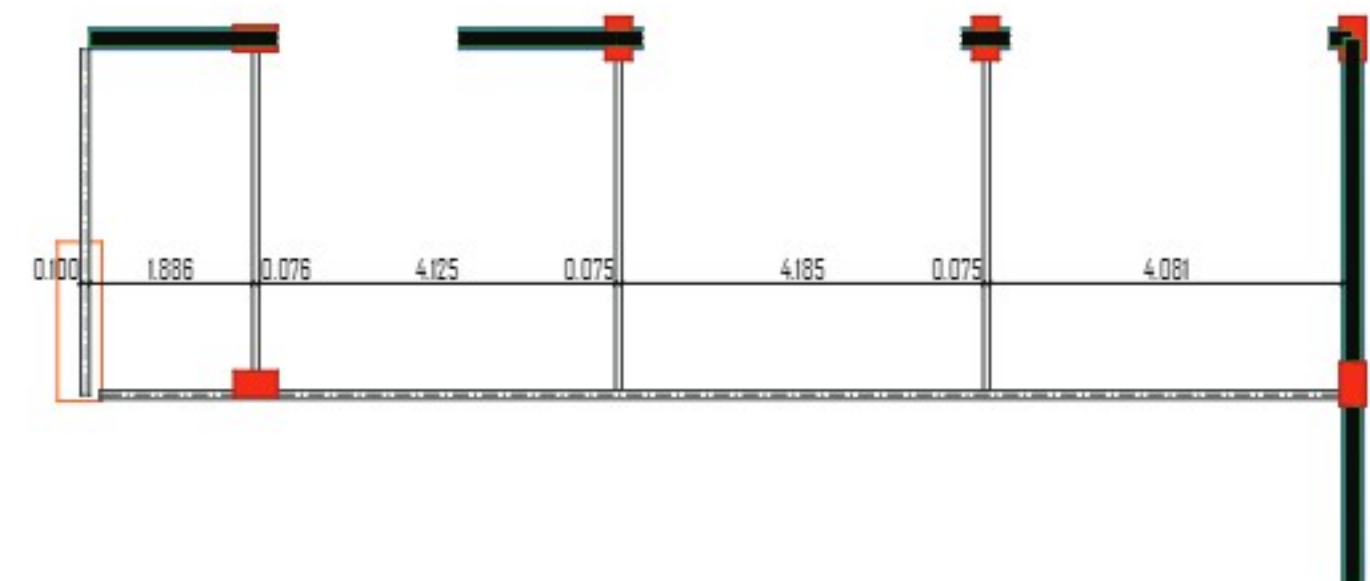
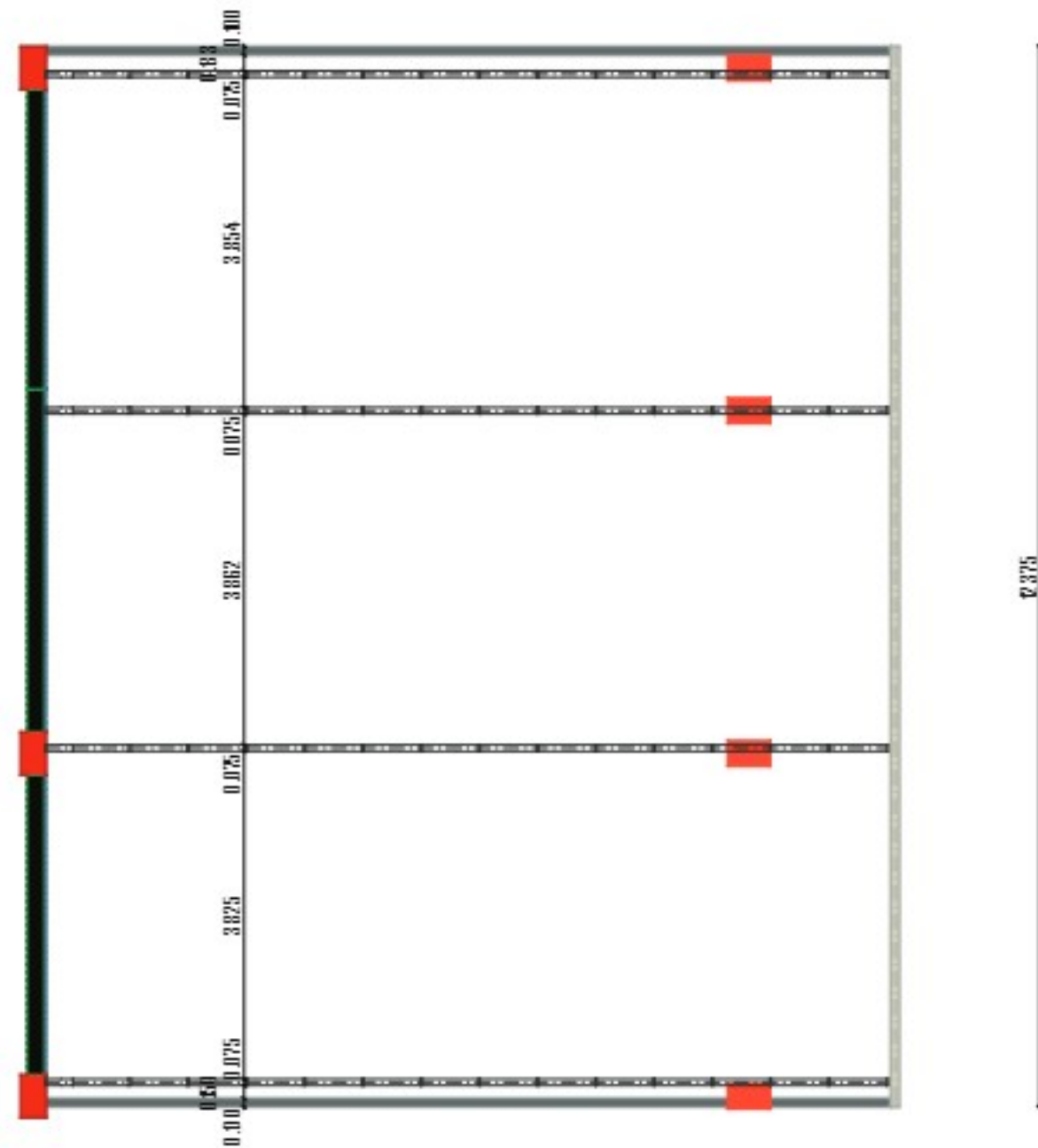
Technical drawing of a modular unit, likely a wall or partition. The unit is shown in a cross-section view, revealing its internal structure and components. The drawing includes the following dimensions and labels:

- Overall Height:** 210
- Top Section Height:** 525
- Top Section Width:** 65
- Top Section Thickness:** 210
- Top Section Material:** 6 Cm
- Top Section Color:** 650
- Top Section Label:** 210
- Top Section Material:** 65
- Top Section Label:** 525
- Top Section Label:** 51

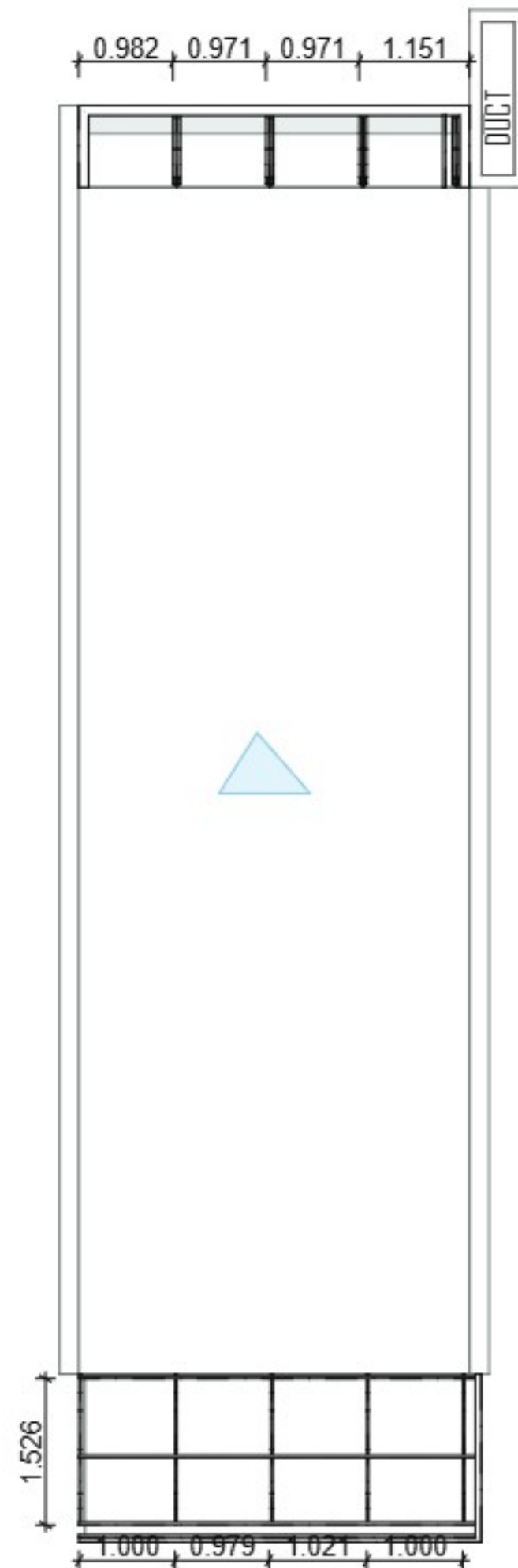
LOUVERS PANEL APPLICATION



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[illegible]

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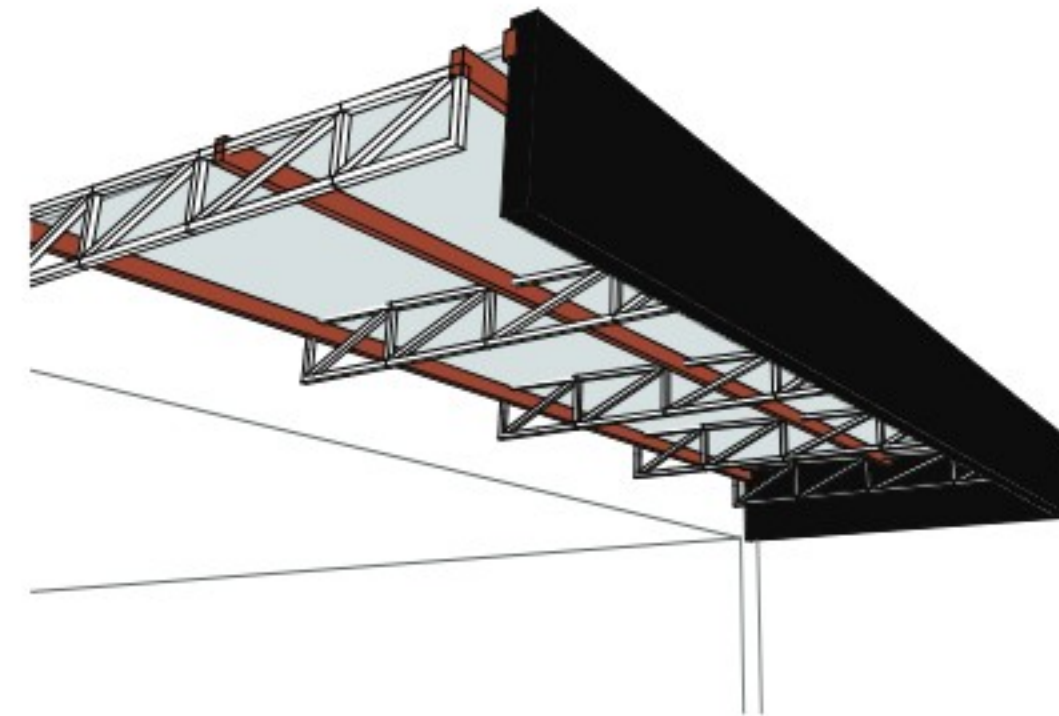


Detail 2

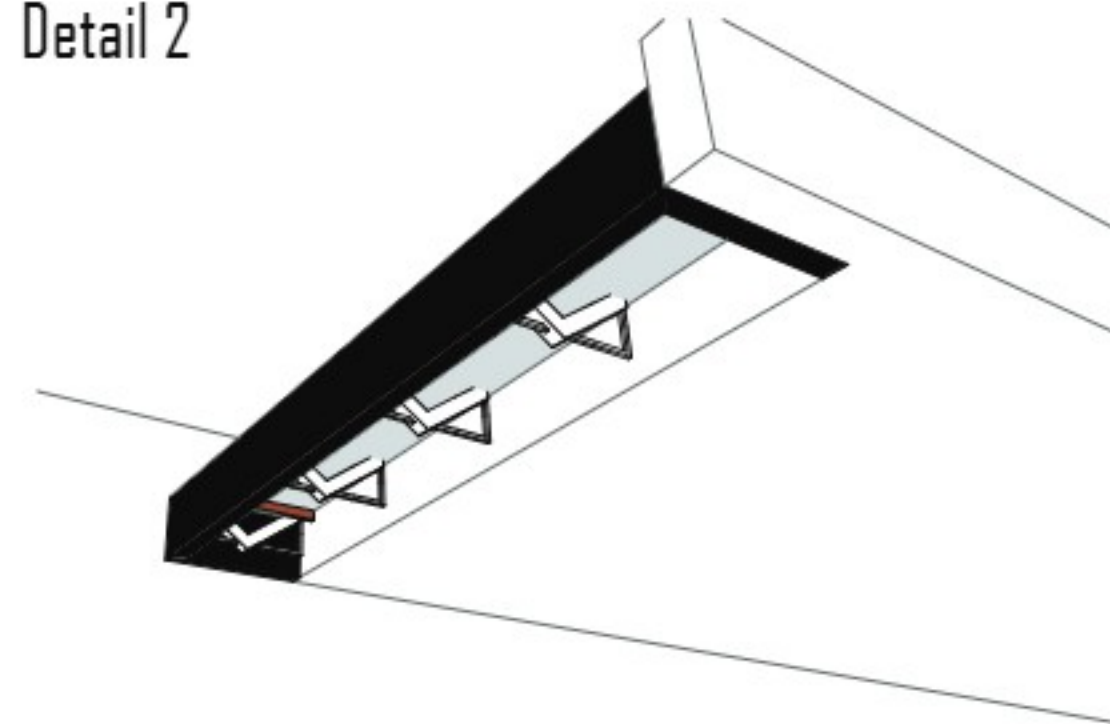
The rain water fall into the duct from the roof

Detail 1

Detail 1



Detail 2



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