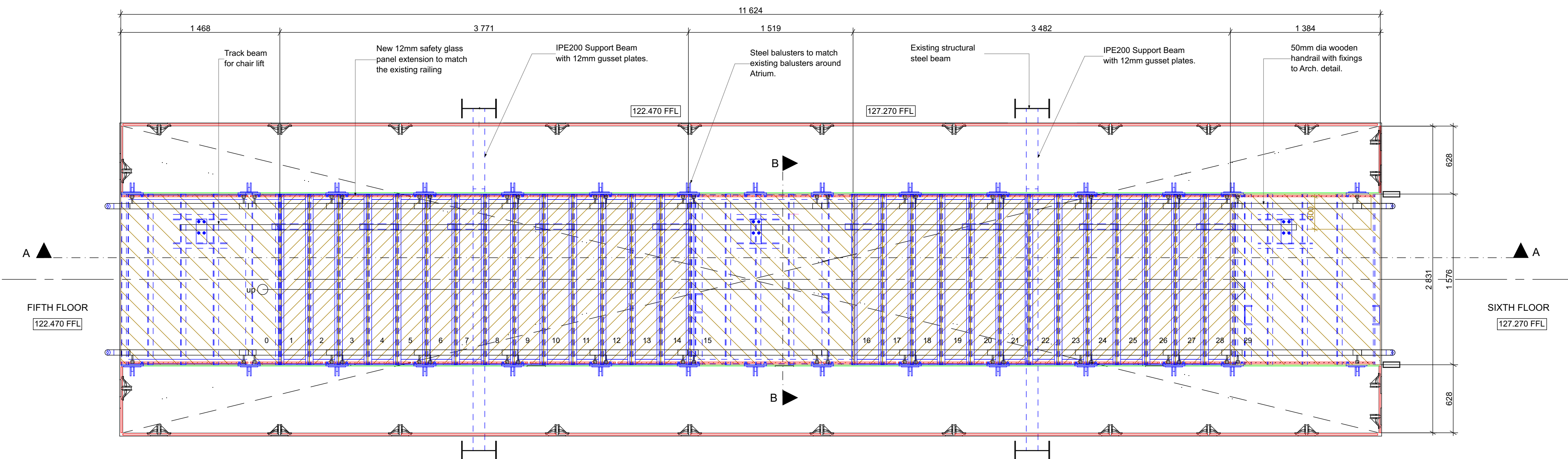


Section A-A of Staircase
Scale 1 in 25



Plan of Stair
Scale 1 in 25

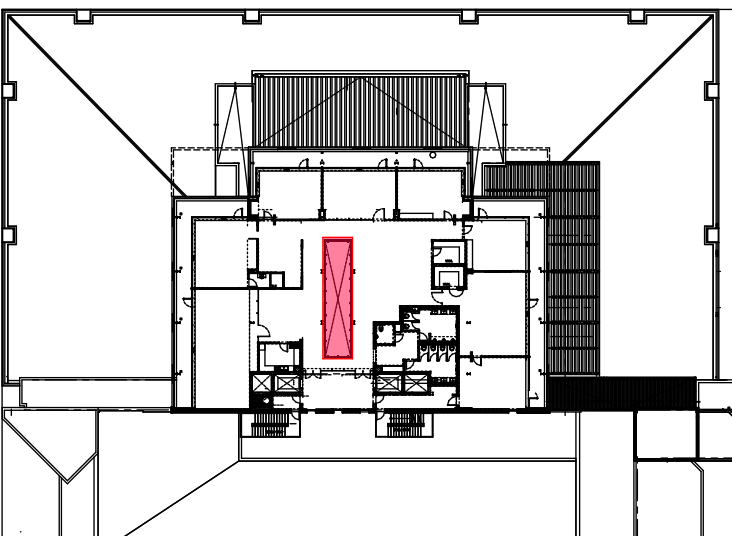
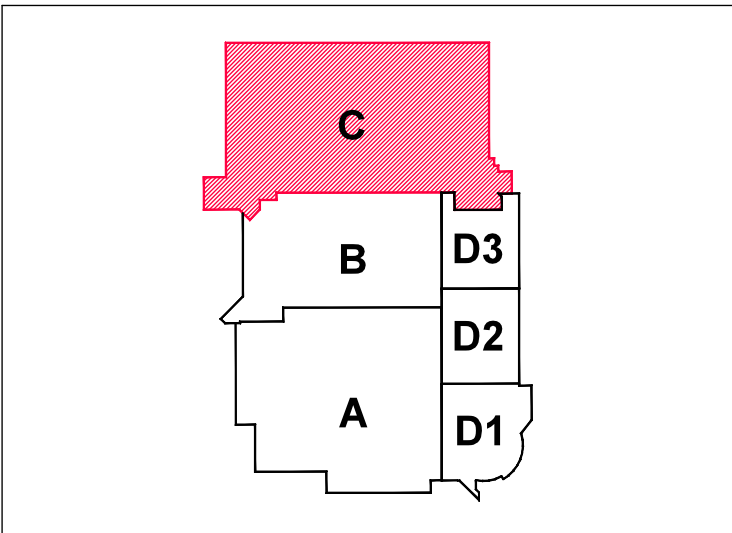
ENGINEER'S NOTES

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RevID	ChID	Change Description	Date	Issd
01		Steel plate at back of stair treads added		
02		Handrail spring added	07/04	
		Track for evac. chair omitted		
		Landing detail altered		
03		Landing detail altered	07/13	
		Hanger detail removed		
04		Handrail lighting detail altered	07/27	
		Handrail lighting detail changed		
		Glass length changed to 1500mm		

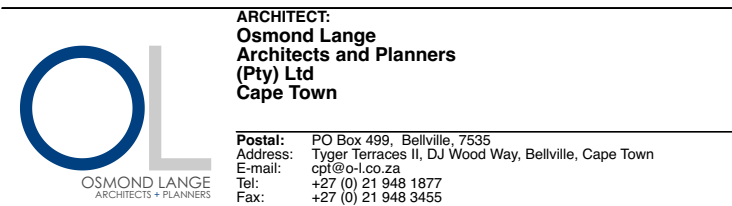
Owner:

Date:

Architect: Jacques de Villiers

Date: August 2025

Engineer
Jacques Pretel - Henry Fagan Consulting Engineers and Project Managers
Date: August 2025



PROJECT:
IZIKO CAPITOL WORKS PROJECT
ISAM Atrium Balustrade
FOR ON IZIKO
ERF: 95137
151 Government Avenue, Cape Town City Centre, Cape Town, 8000

DRAWING TITLE:
ISAM Atrium Stair Plan & Section

BUILDING CLASSIFICATION		CLIMATIC ZONE	
####		####	
	RESPONSIBLE PERSON	DATE	APPROVED
DESIGN	Jacques de Villiers	2025/09/17	
DRAWN	Beni Mukamina		

FOR INFORMATION

DRAWING PATH
/Volumes/Projects/Avnia Projects/Projects/220233 Iziko Capital Works Program/24. ISAM Atrium Stair/Railing extension 2/1. Glass railing extension/IZIKO atrium Glass railing extension 1.dgn

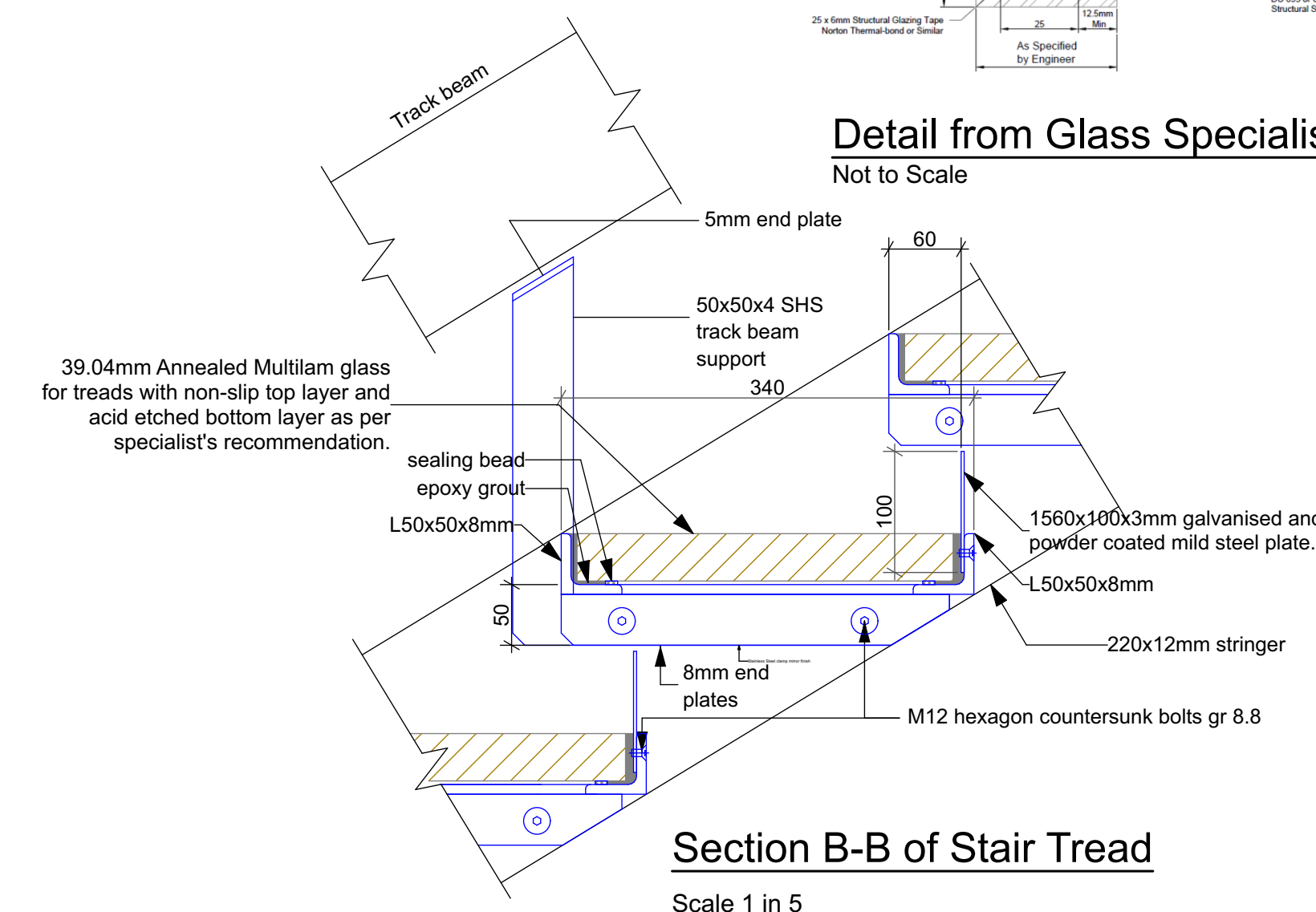
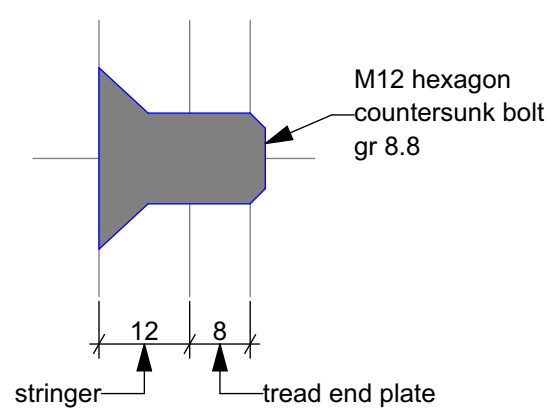
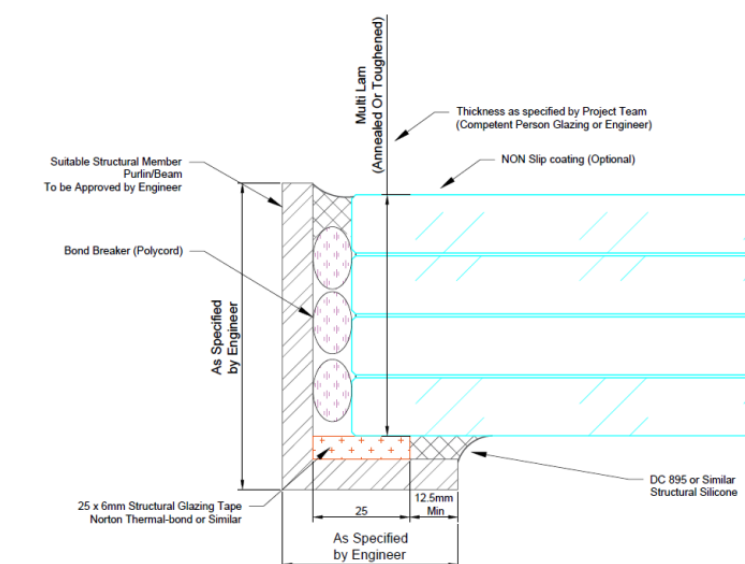
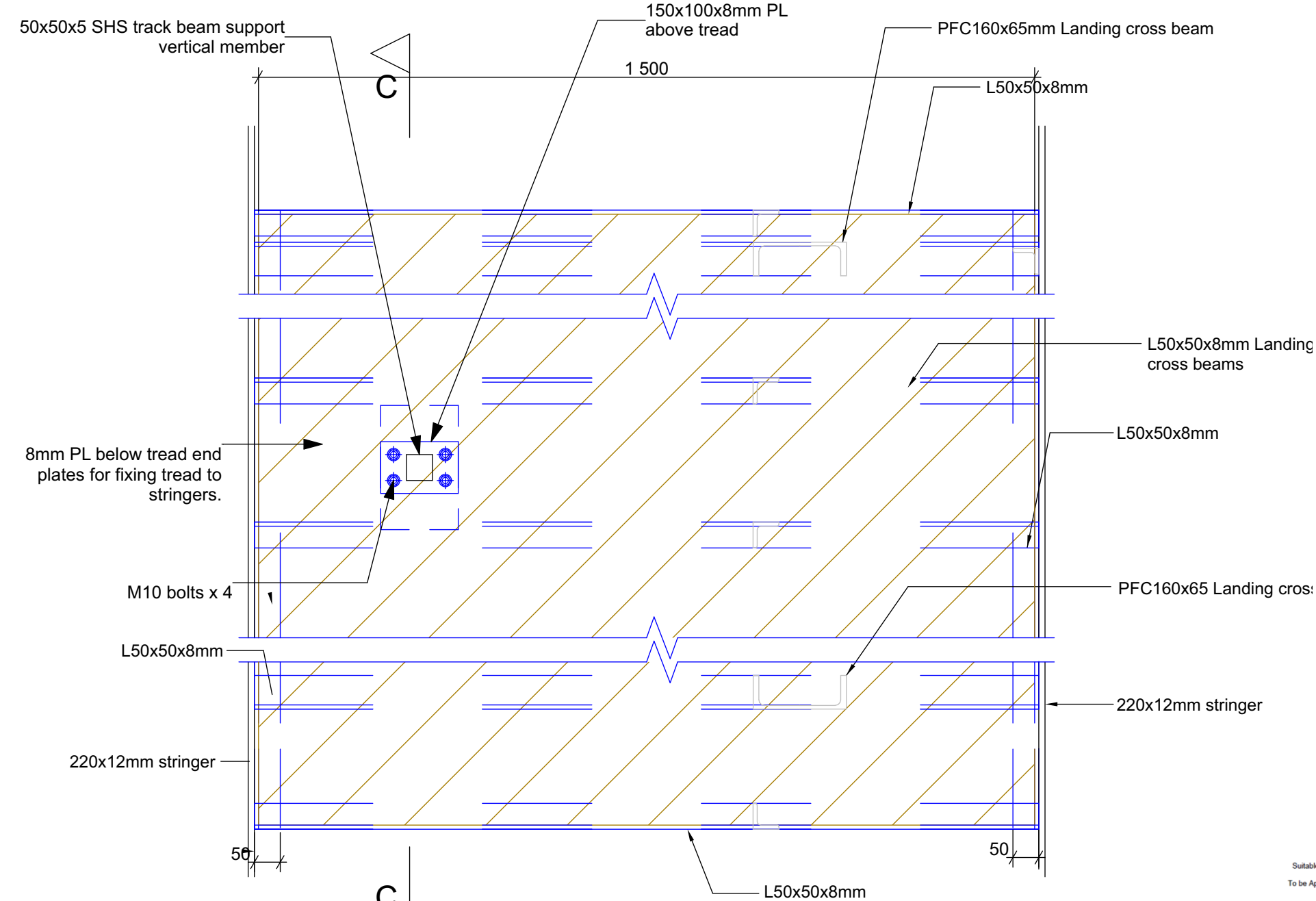
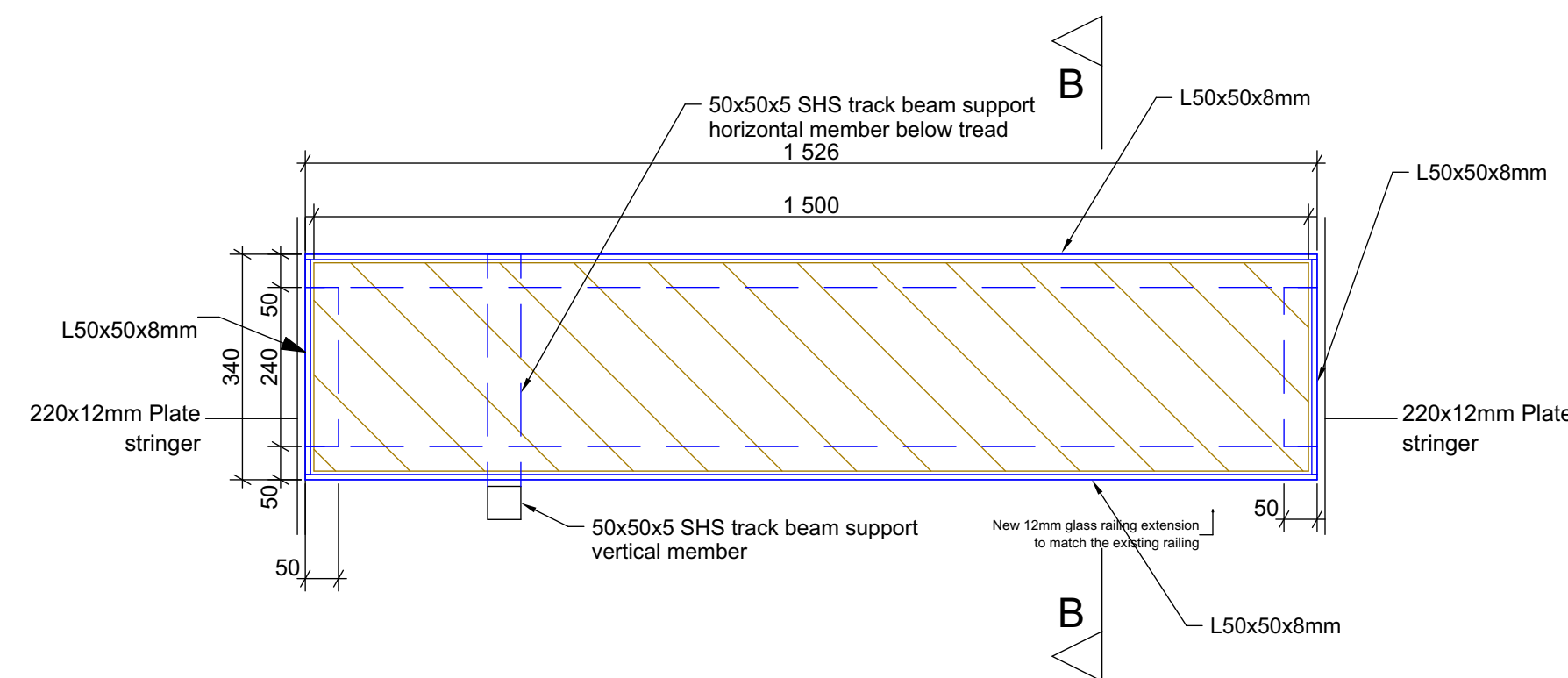
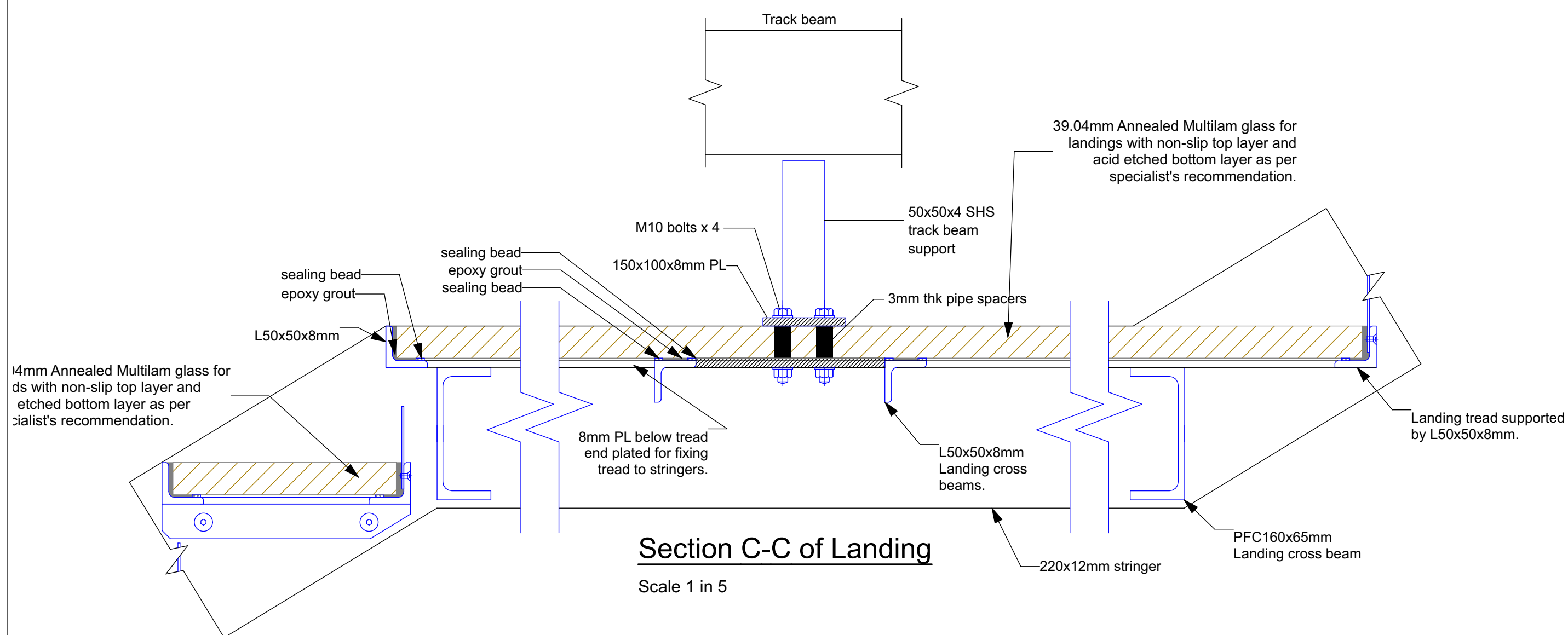
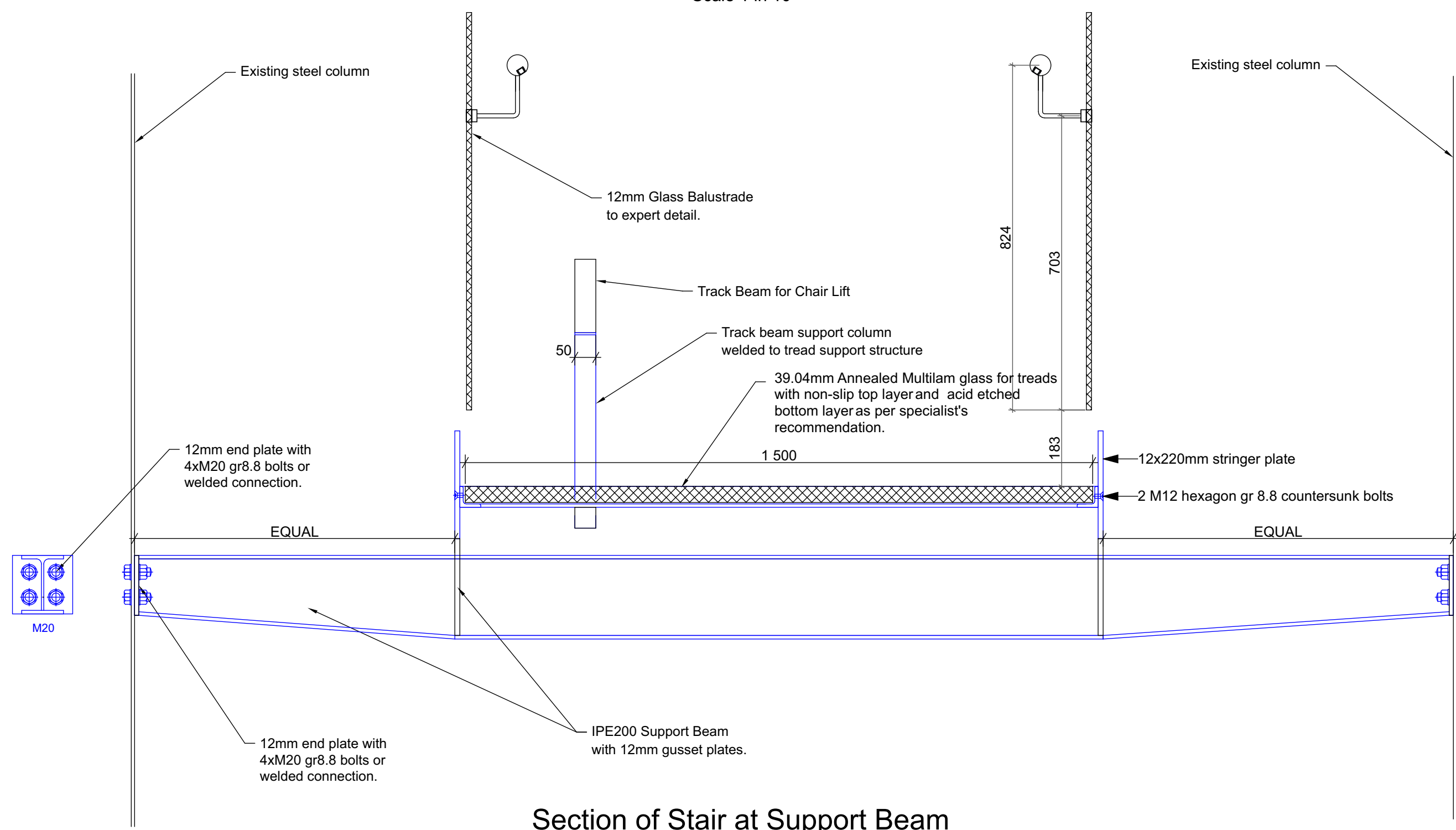
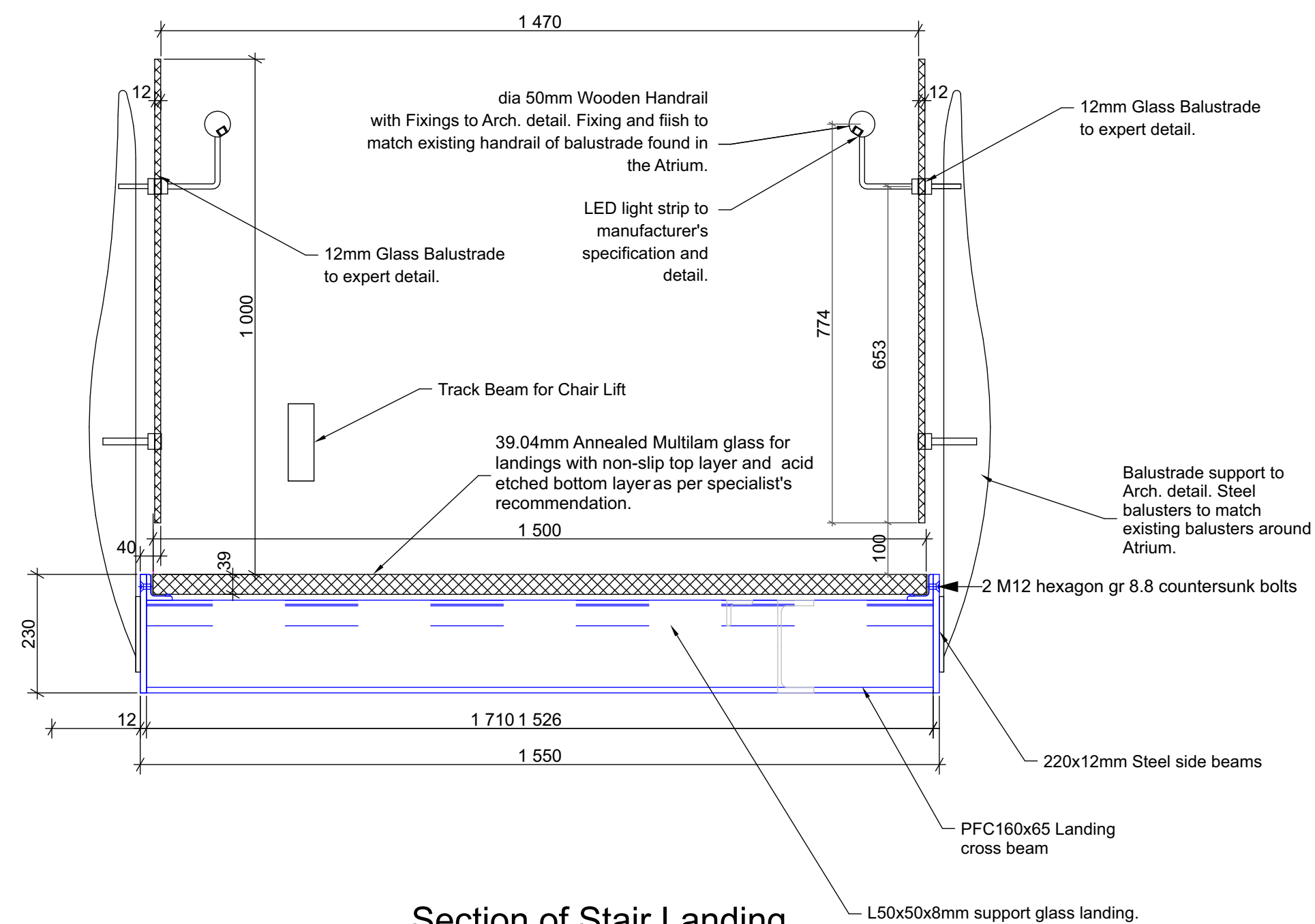
SCALE
1:25

SHEET SIZE
A1

PROJECT No.
220233

DRAWING NUMBER

REVISION
04



ENGINEER'S NOTES

1 GENERAL

1.1 The Contractor is responsible for ensuring that all materials and workmanship conform with the details and specifications shown on the Engineer's drawings, and all relevant National Building Regulations, irrespective of whether the Engineer has inspected the works on site or not.

1.2 The stability of the structure during construction remains the sole responsibility of the main contractor.

1.3 All materials are to be used in accordance with the supplier's & manufacturer's specifications.

1.4 Design Loading

1.5 All dimensions and levels are to be checked on site and correlated with the Architect's drawings before construction commences.

1.6 The contractor is responsible for the protection and maintenance of all services including water mains, sewers and cables that may be affected by the work on and around the site.

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2.8 For visible, unpainted galvanised steelwork, apply 1 coat corrosion resistant primer followed by two coats enamel to Arch. colour spec. See 210

2.9 Each structural steel component is to satisfy the fire protection requirements for that element and occupancy.

2.10 Corrosion Protection and Finishes
Corrosion protection of Structural steelwork shall comply with SANS 1200-HC.

2.11 Painting

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2.12 Bolts

Class 8.8 bolts to be used throughout. For external work, only hot dipped galvanised bolts, prepared as per SANS 121 (SABS ISO 1461) are to be used. Allow adequate time for ordering. All bolts used internally to be electro galvanised or hot dip galvanised.

2.13 Welding

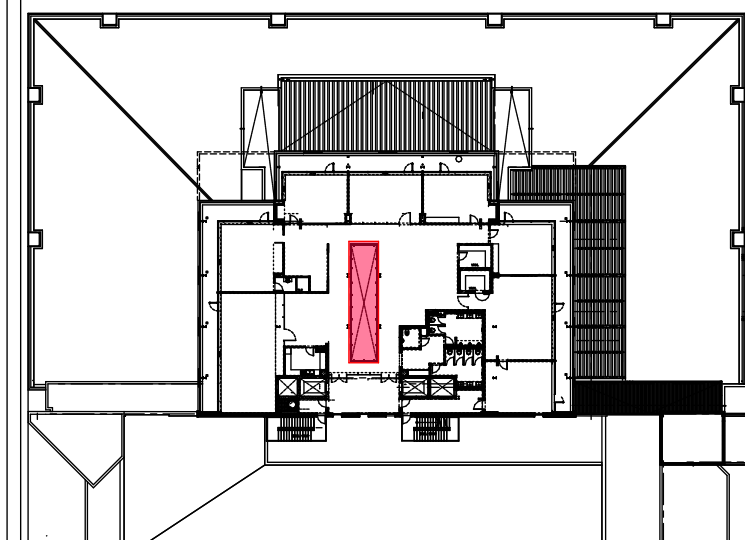
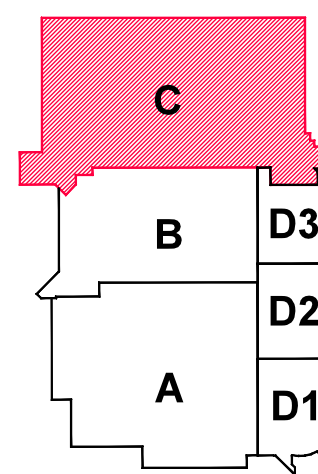
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Multi-Lam
Laminated Or Toughened

Thickness as specified by Project Team

NOTES:

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RevID	CMD	Change Description	Date	Issd
01		Steel plate at back of slat threads added.		
02		Handrail lighting added. Track for evac. chair omitted.	07/04	
		Landing detail altered.		
03		Landing detail altered.	07/13	
		Handrail detail removed.		
		Handrail lighting detail altered.		
04		Handrail lighting detail changed. Glass length changed to 1500mm.	07/27	

Date:

Architect: Jacques de Villiers

Date: August 2025

Engineer
Jacques Retief - Henry Fagan Consulting Engineers and
Project Managers

Date: August 2025



PROJECT:
IZIKO CAPITOL WORKS PROJECT
ISAM Atrium Balustrade

**FOR
ON** Iziko
ERF: 95137
151 Government Avenue, Cape Town City
Centre, Cape Town, 8000

DRAWING TITLE:
ISAM Atrium Stair Detail

BUILDING CLASSIFICATION ####		CLIMATIC ZONE ####	
	RESPONSIBLE PERSON	DATE	APPROVED
DESIGN	Jacques de Villiers	2025/09/17	
DRAWN	Beni Mukamina		

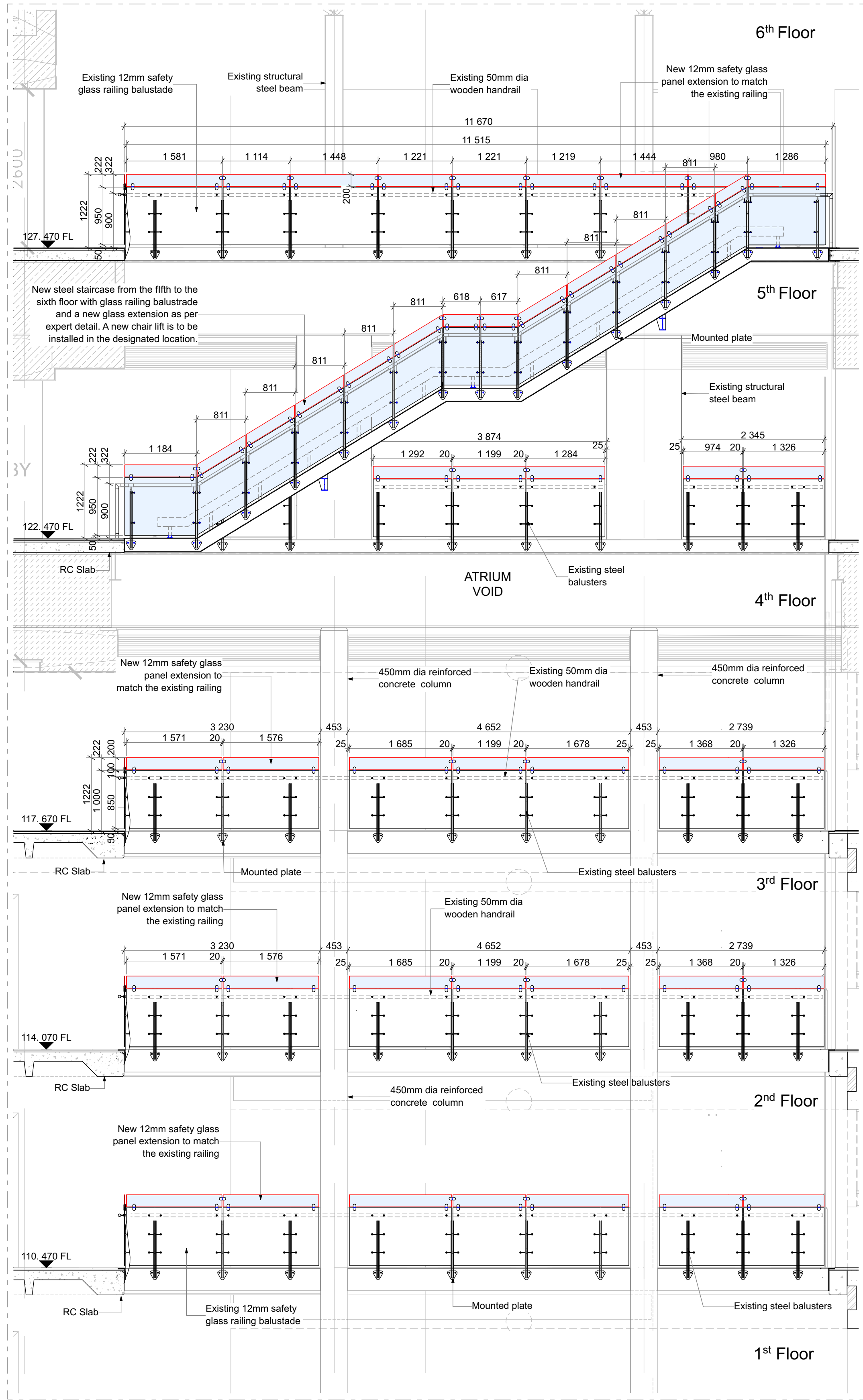
FOR INFORMATION

DRAWING PATH
/Volumes/Projects/Avna Projects/Projects/220233 Iziko Capital Works Program/24.
ISAM Atrium stair/Railing extension 2/1. Glass railing extension/IZIKO atrium Glass
railing extension 1.dwg

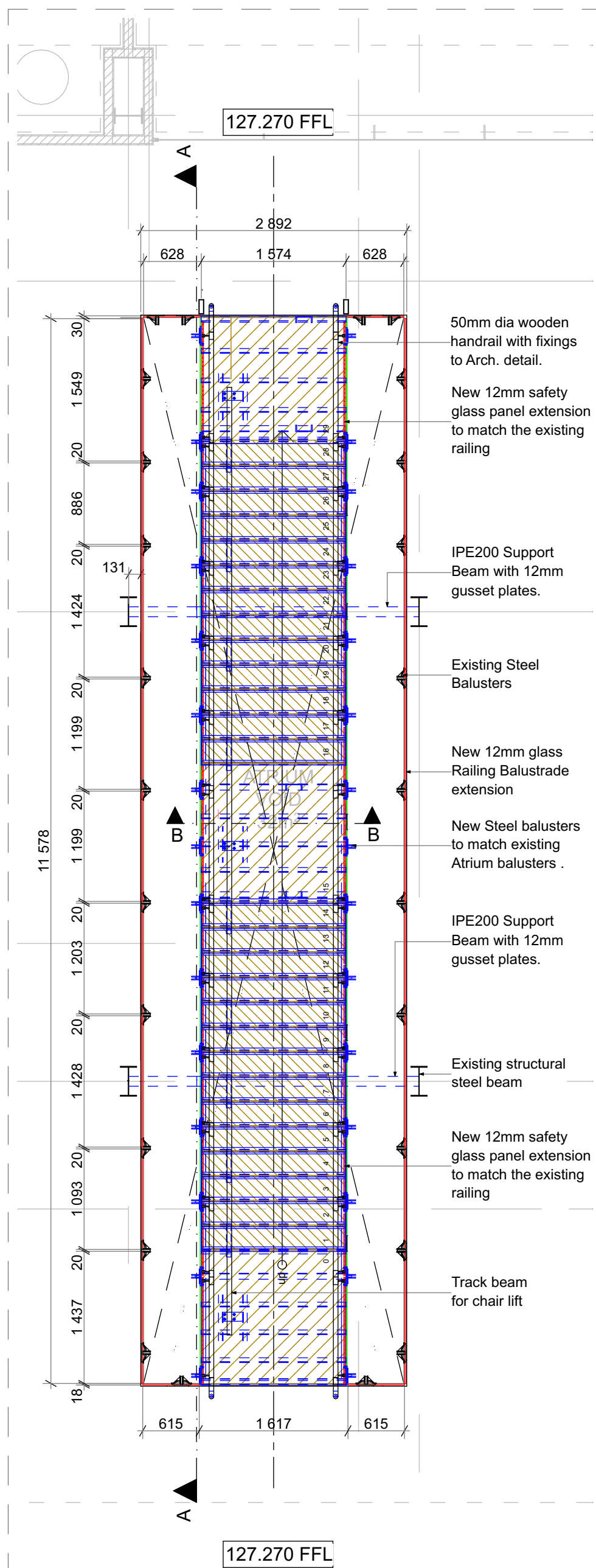
SCALE 1:1,49	SHEET SIZE A1
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PROJECT No.	DRAWING NUMBER	REVISION
220233	03	04

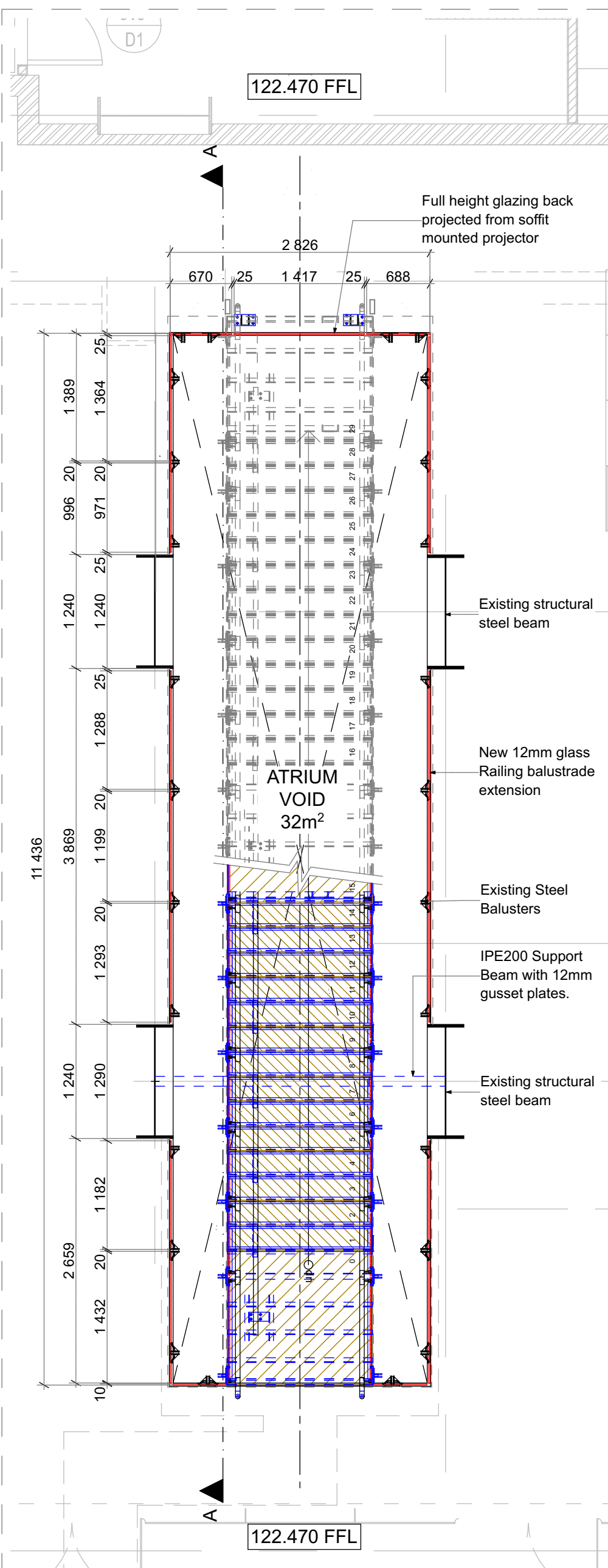
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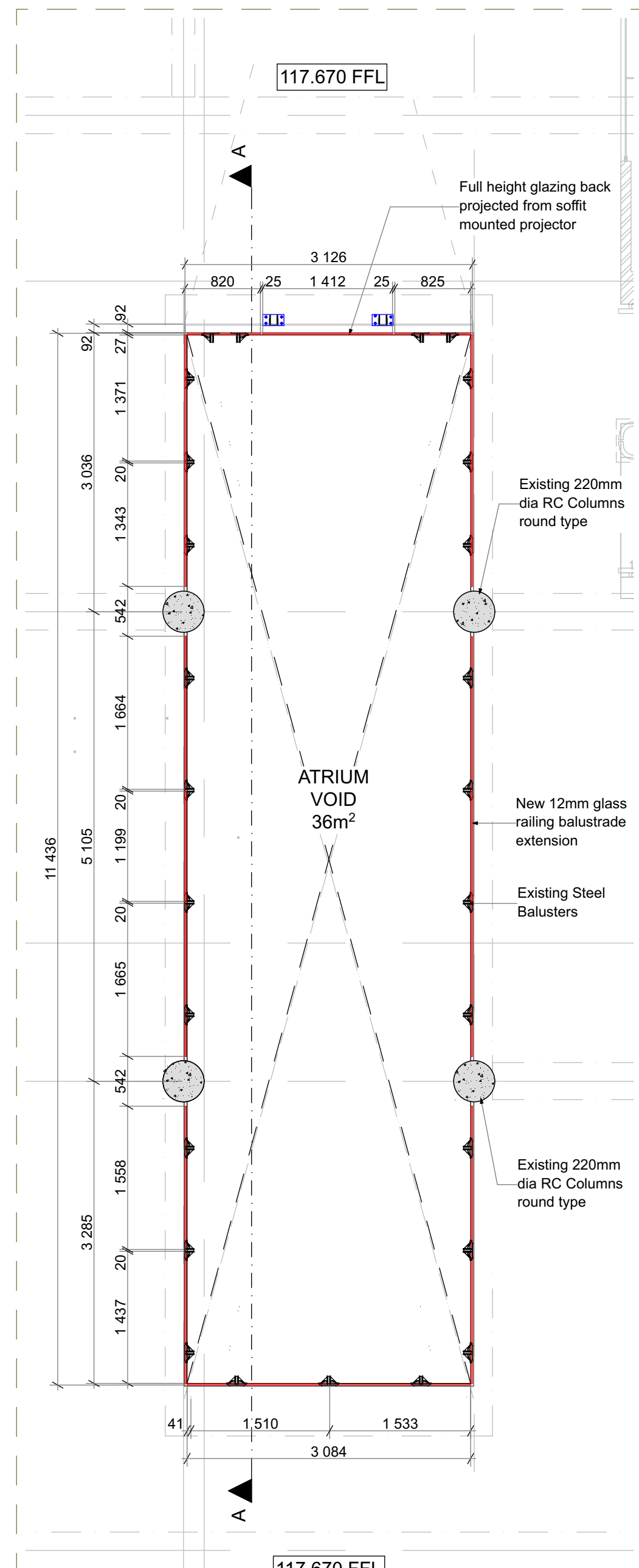
Elevation of Balustrade 1:50



Sixth Floor Plan of Balustrade 1:50



Fifth Floor Plan of Balustrade 1:50



Fourth Floor Plan of Balustrade 1:50

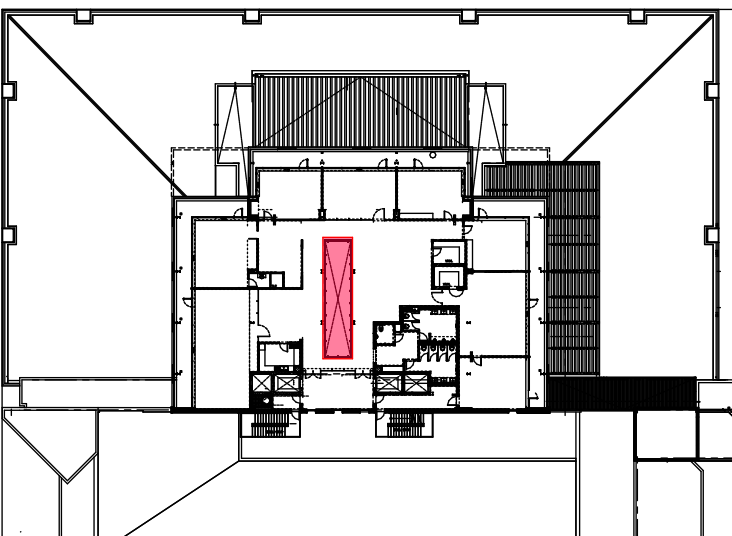
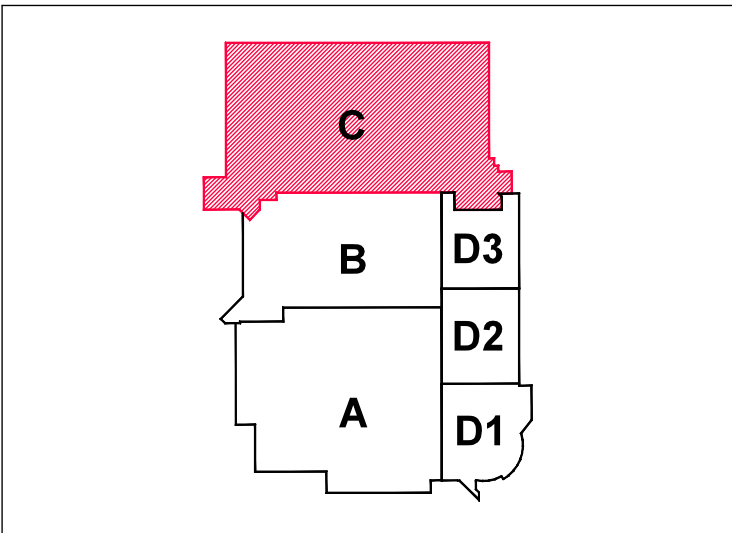
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		Handrail lighting detail changed		
		Glass length changed to 1500mm		

Owner:

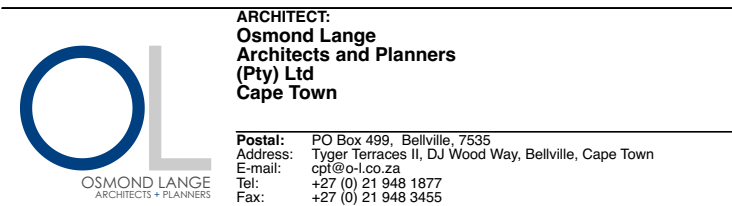
Date:

Architect: Jacques de Villiers

Date: August 2025

Engineer
Jacques Pretorius - Henry Fagan Consulting Engineers and Project Managers

Date: August 2025



PROJECT:
IZIKO CAPITOL WORKS PROJECT
ISAM Atrium Balustrade

FOR ON
Iziko
ERF: 95137
151 Government Avenue, Cape Town City
Centre, Cape Town, 8000

DRAWING TITLE:
ISAM Atrium Balustrade Plan & Elev

BUILDING CLASSIFICATION		CLIMATIC ZONE	
####		####	
	RESPONSIBLE PERSON	DATE	APPROVED
DESIGN	Jacques de Villiers	2025/09/17	
DRAWN	Beni Mukamina		

FOR INFORMATION

DRAWING PATH
Volumes/Projects/Avna Projects/Projects/2020233 Iziko Capital Works Program/24.
ISAM Atrium stair/Railing extension/21. Glass railing extension/IZIKO atrium Glass railing extension/1.dgn

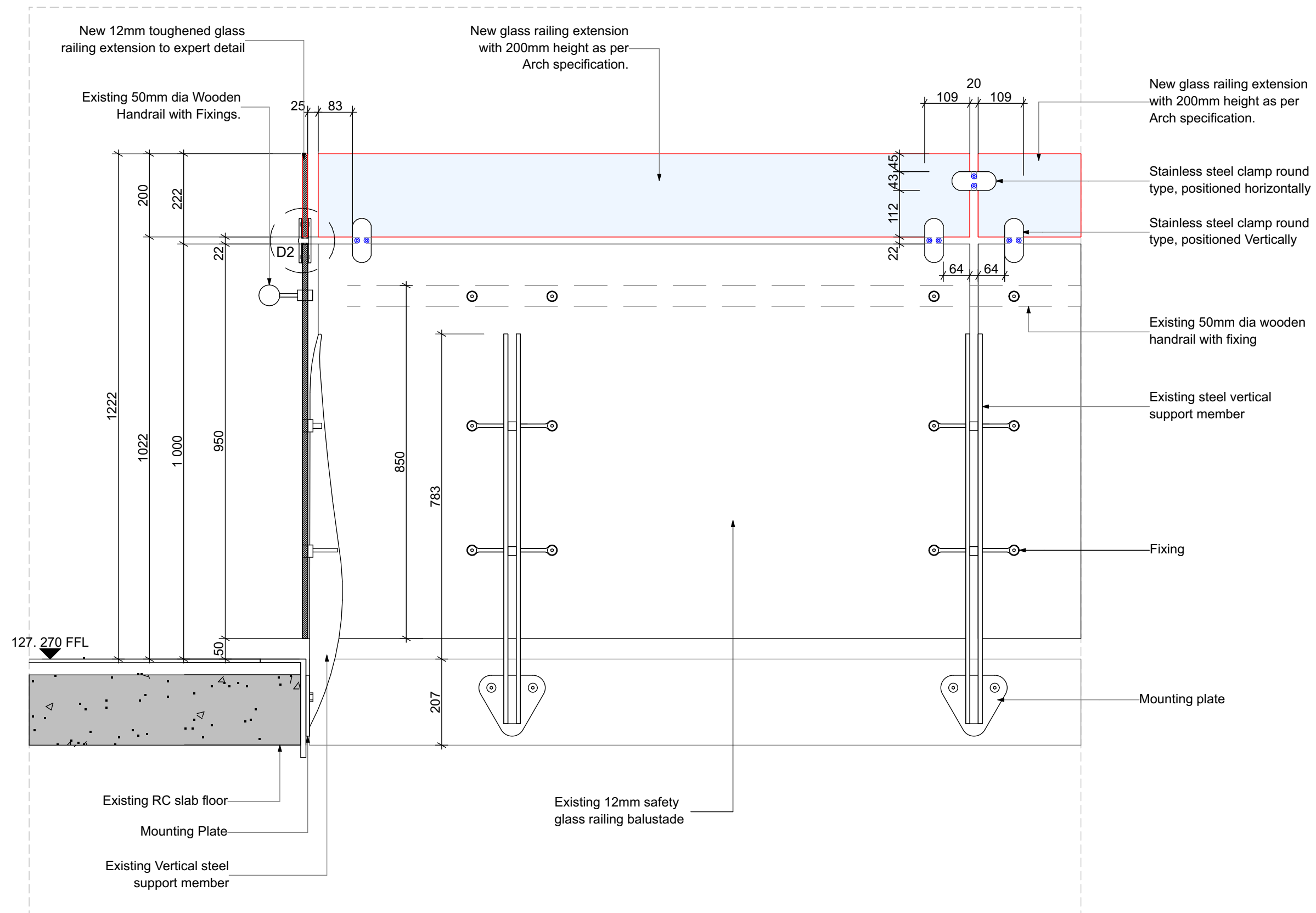
SCALE
1:50

SHEET SIZE
A1

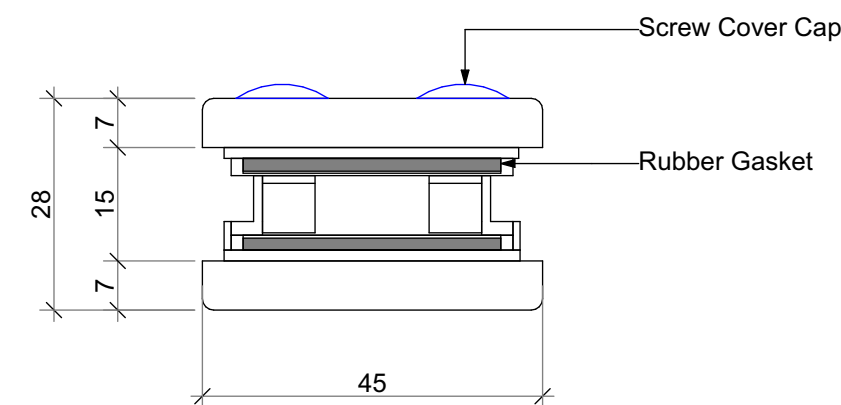
PROJECT No:
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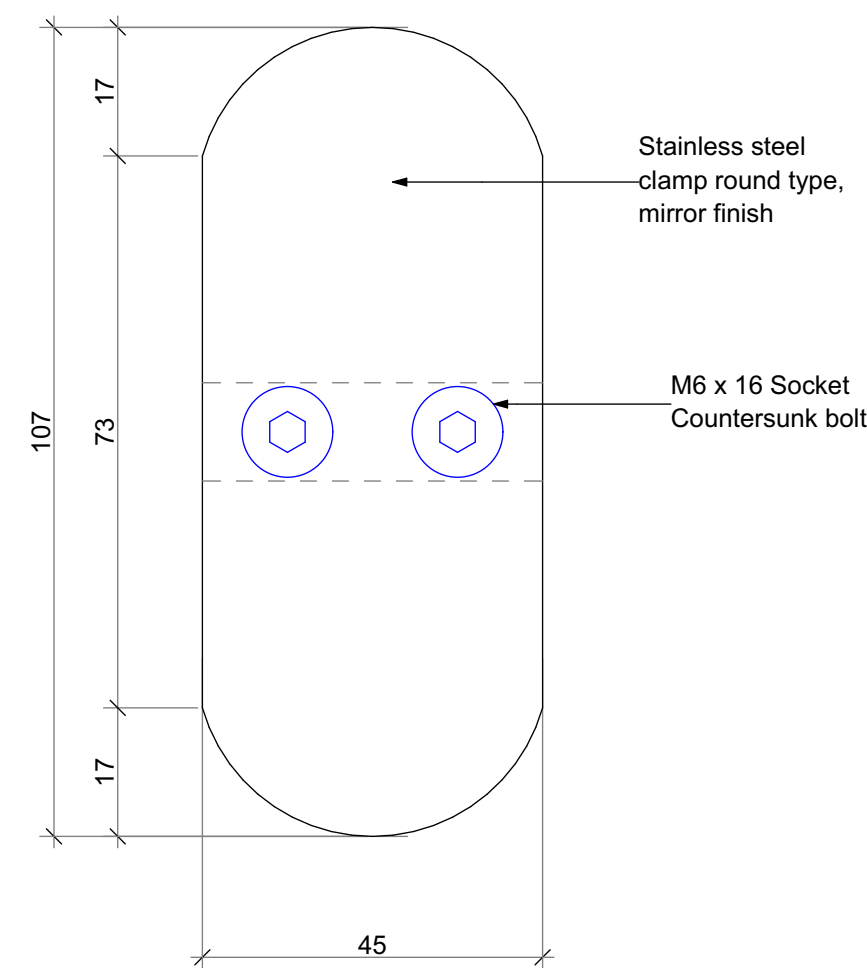
REVISION
04



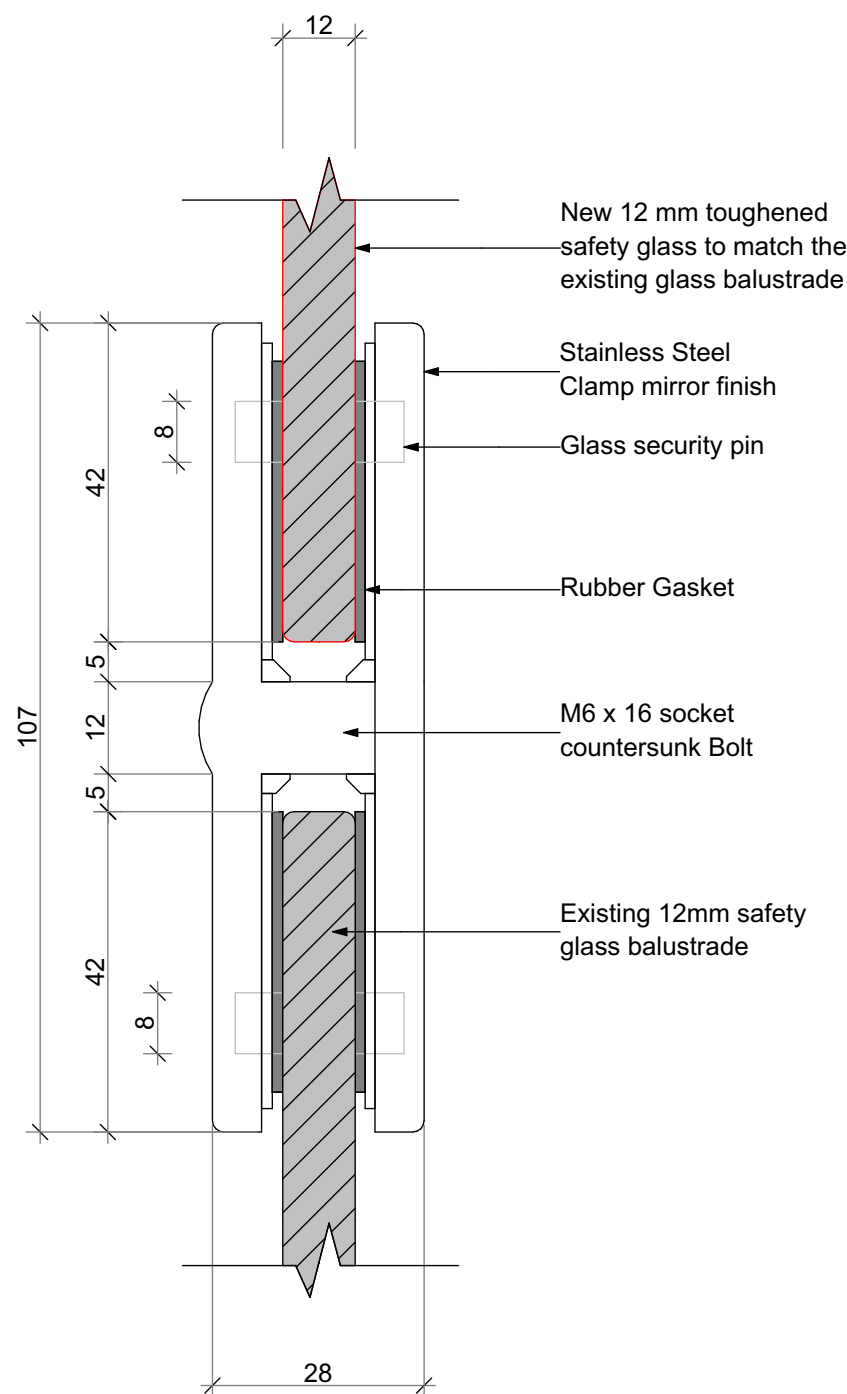
Detail 1 of Glass Railing Extension
Scale 1 in 10



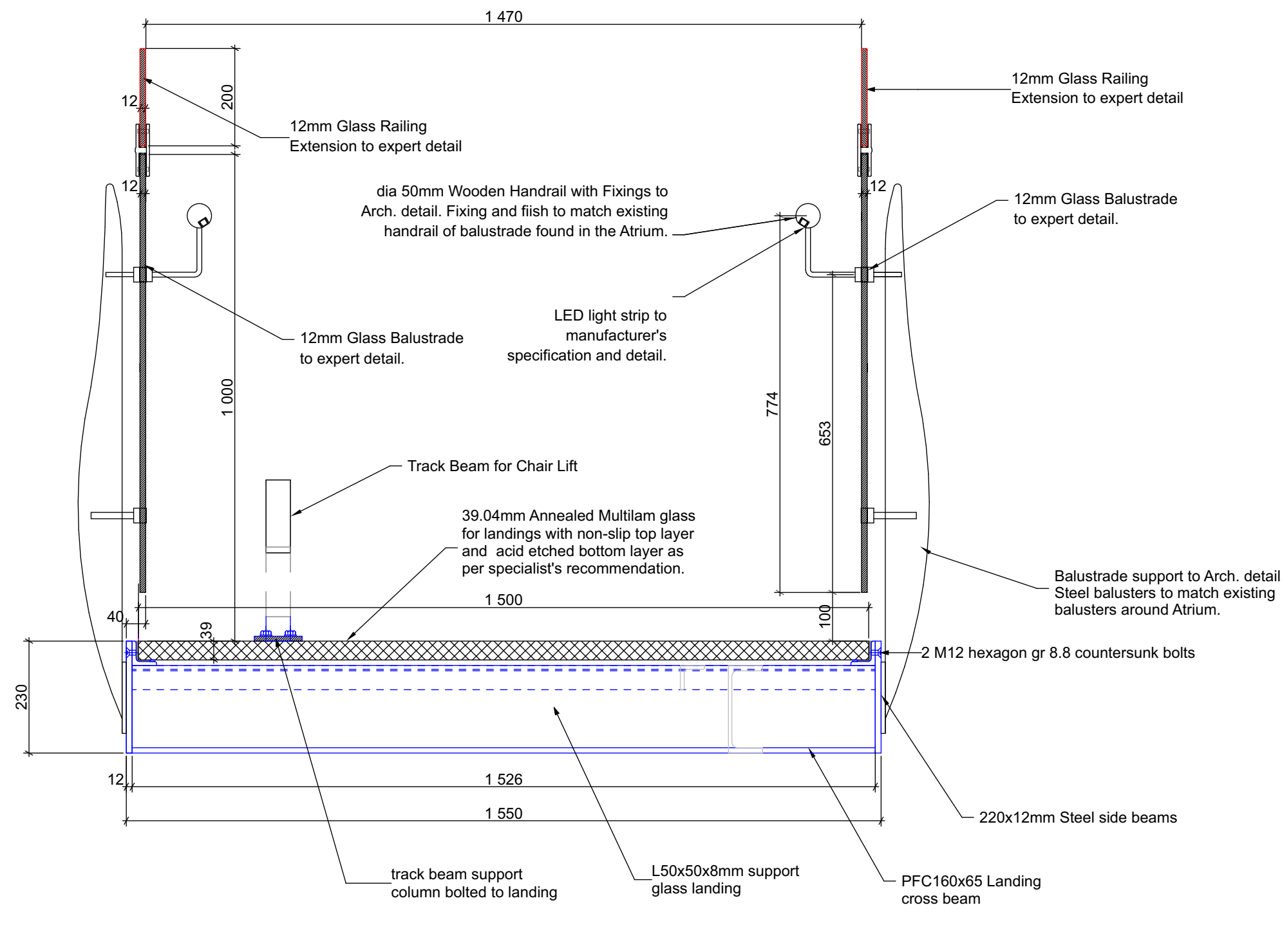
Front view
Scale 1 in 1



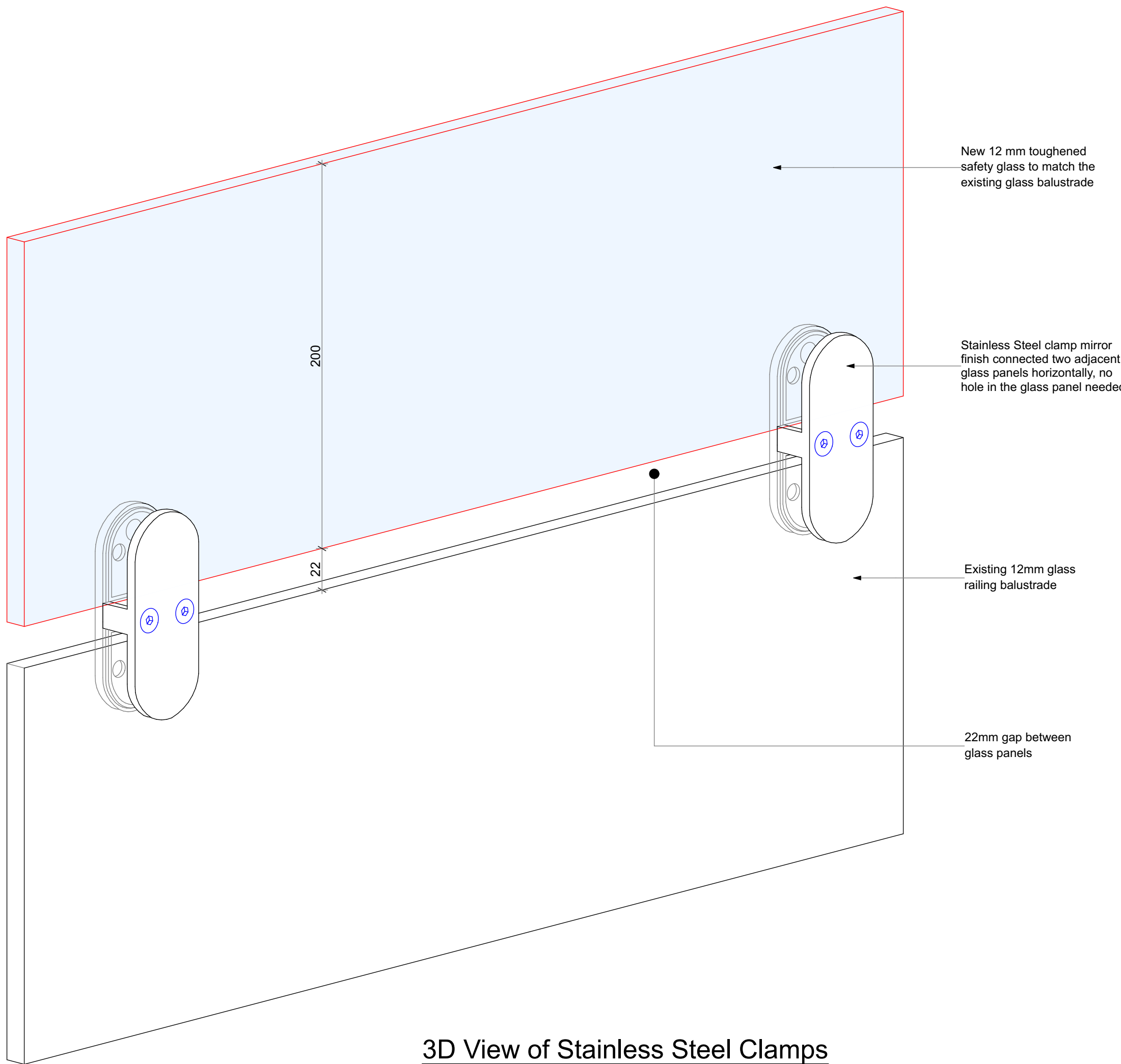
Stainless Steel Clamp
Scale 1 in 1



Section Detail 2
Scale 1 in 1



Section of Stair Landing
Scale 1 in 10



3D View of Stainless Steel Clamps
Scale 1 in 2

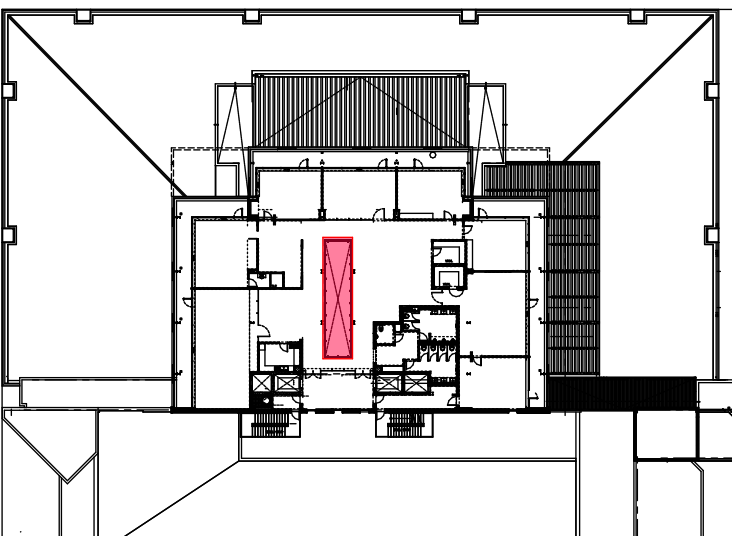
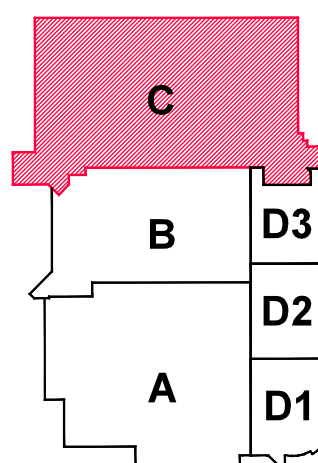
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		Hanger detail removed		
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		Handrail lighting detail changed		
		Glass length changed to 1500mm		

Owner:

Date:

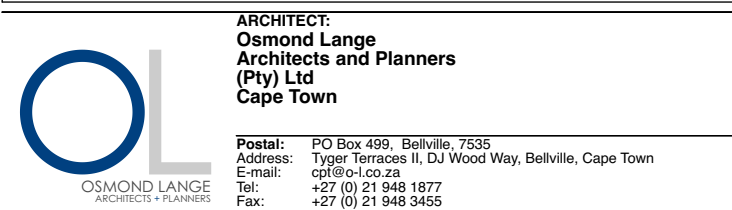
Architect: Jacques de Villiers

Date: August 2025

Engineer

Jacques Pretel - Henry Fagan Consulting Engineers and Project Managers

Date: August 2025



PROJECT: IZIKO CAPITOL WORKS PROJECT ISAM Atrium Balustrade

FOR ON Iziko
ERF: 95137
151 Government Avenue, Cape Town City
Centre, Cape Town, 8000

DRAWING TITLE:
ISAM Atrium Glass Railing Extension Detail

BUILDING CLASSIFICATION	CLIMATIC ZONE
####	####

RESPONSIBLE PERSON	DATE	APPROVED
DESIGN Jacques de Villiers	2025/09/17	
DRAWN Beni Mukamina		

FOR INFORMATION

DRAWING PATH
/Volumes/Projects/Avnia Projects/Projects/220233 Iziko Capital Works Program/24.
ISAM Atrium Glass Railing extension 2/1. Glass railing extension/IZIKO atrium Glass
railing extension 1.dgn

SCALE	SHEET SIZE
1:10, 1:1, 1:2	A1

PROJECT No.	DRAWING NUMBER	REVISION
220233		04