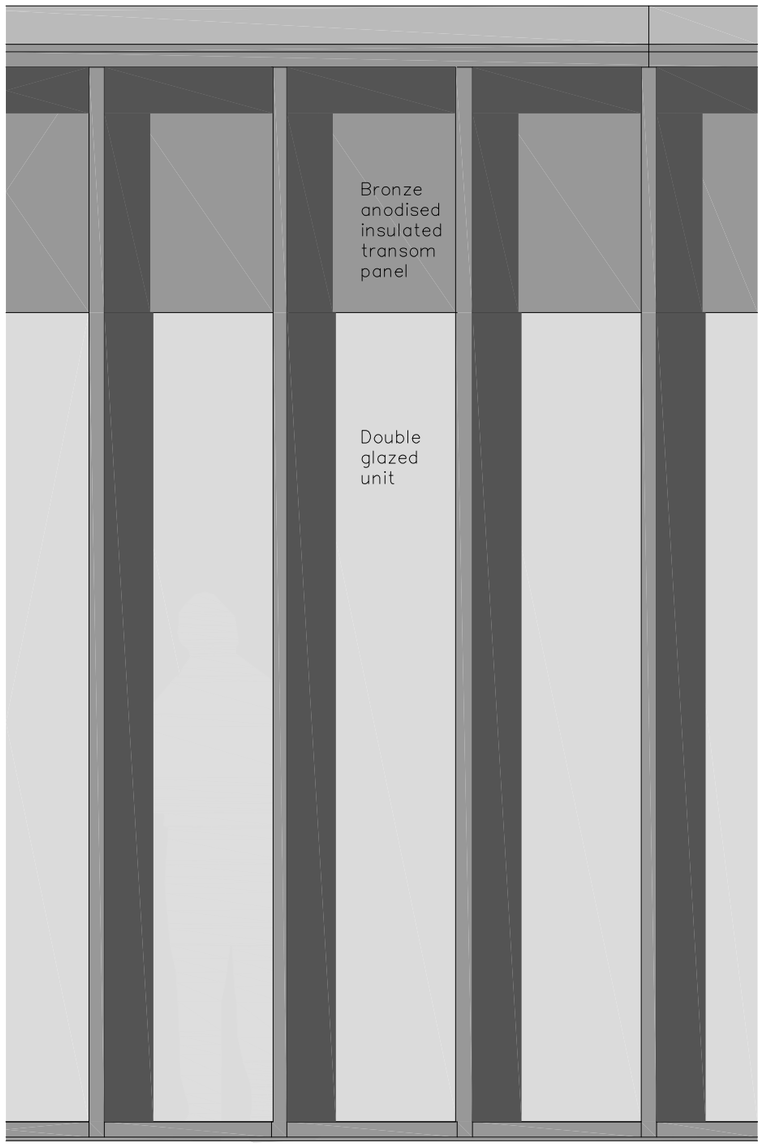
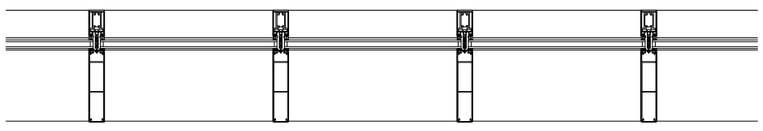
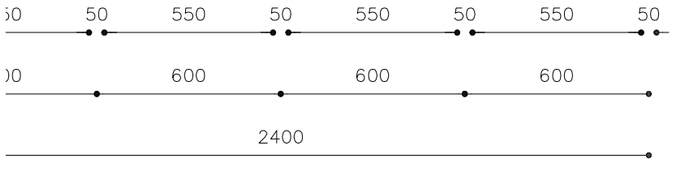


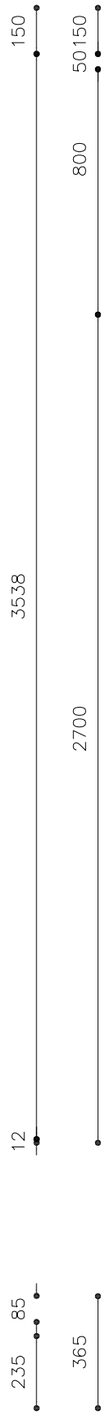
PART ELEVATION





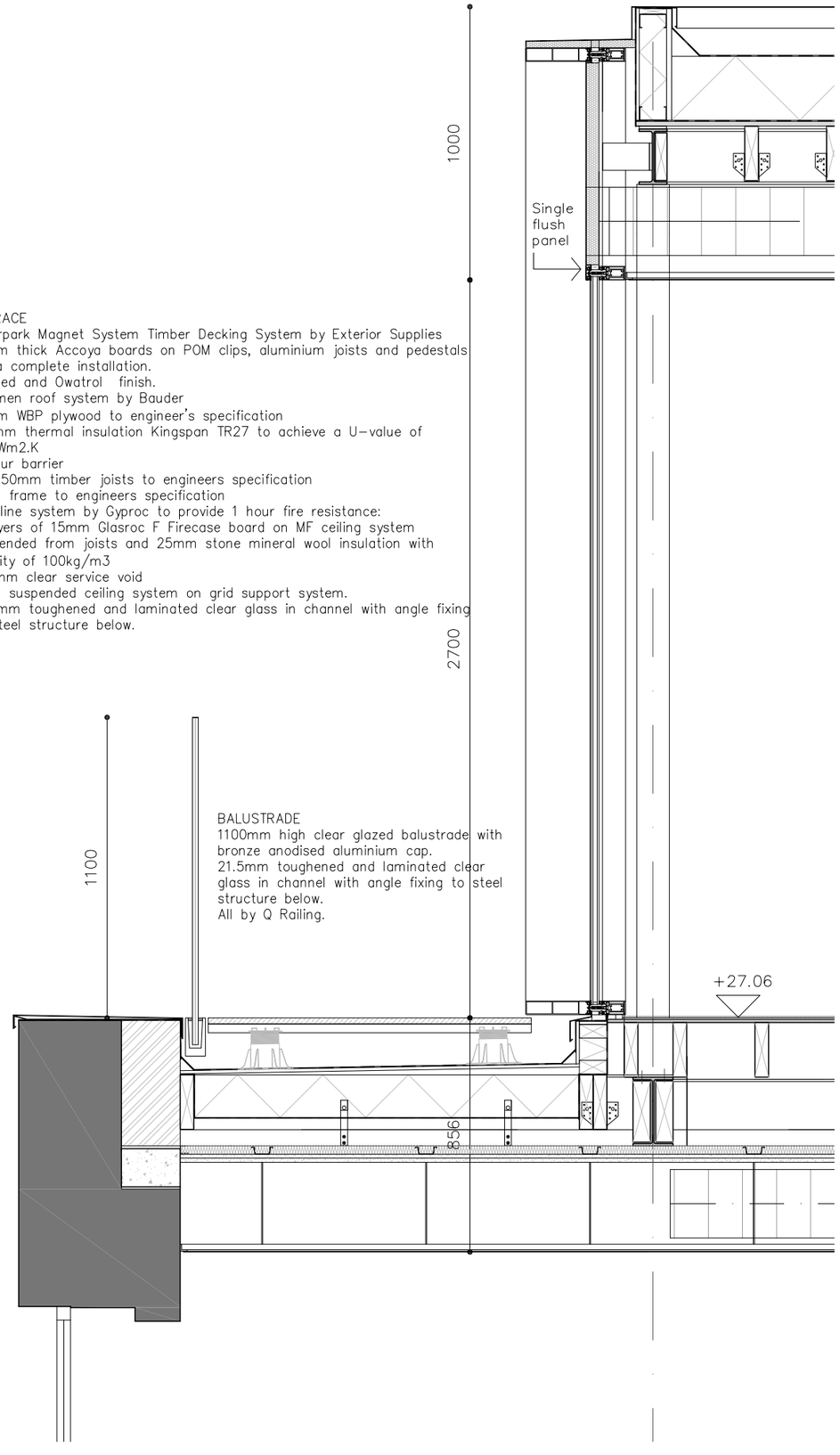
PART PLAN

DRAFT

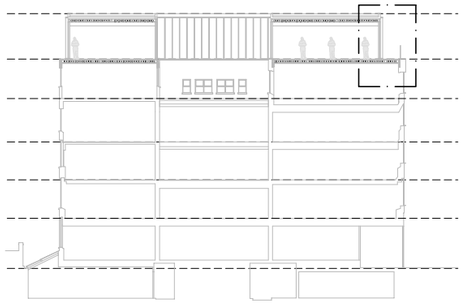


TERRACE
Exterpark Magnet System Timber Decking System by Exterior Supplies
21mm thick Accoya boards on POM clips, aluminium joists and pedestals for a complete installation.
Sanded and Owatrol finish.
Bitumen roof system by Bauder
18mm WBP plywood to engineer's specification
170mm thermal insulation Kingspan TR27 to achieve a U-value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system.
21.5mm toughened and laminated clear glass in channel with angle fixing to steel structure below.

BALUSTRADE
1100mm high clear glazed balustrade with bronze anodised aluminium cap.
21.5mm toughened and laminated clear glass in channel with angle fixing to steel structure below.
All by Q Railing.



PART SECTION



REFERENCE SECTION B

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U-value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
Max positive pressure on curtain wall 0.75kN/m2
Max negative pressure on curtain wall 0.90kN/m2
(working mullion depth is 85mm)
U-value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U-value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

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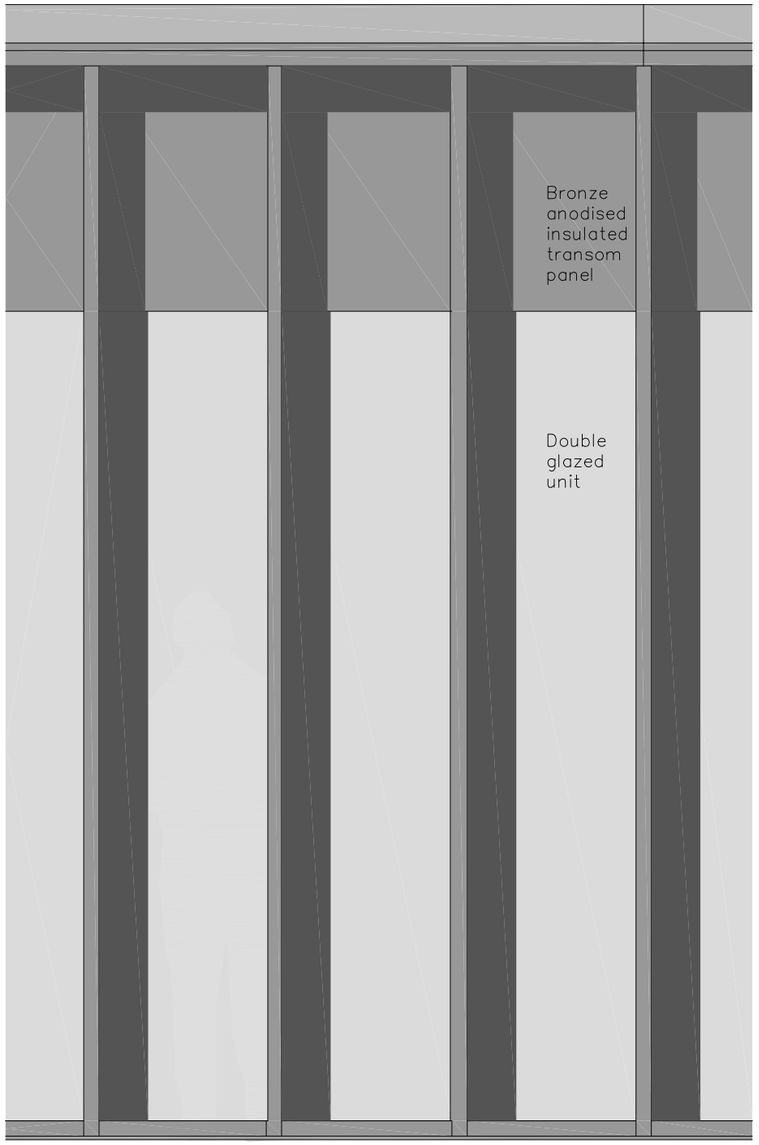
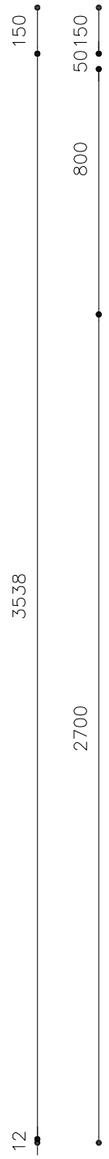
Project	STEPHENSON WAY
Project No.	19008
Client	O&C Management
Date	August 2019
Drawing No.	D200
Scale / Format	1:20 / A3
Drawn / Checked	
Drawing Name	Facade study 1_Front elevation
Issue	P1

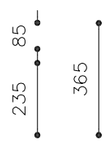


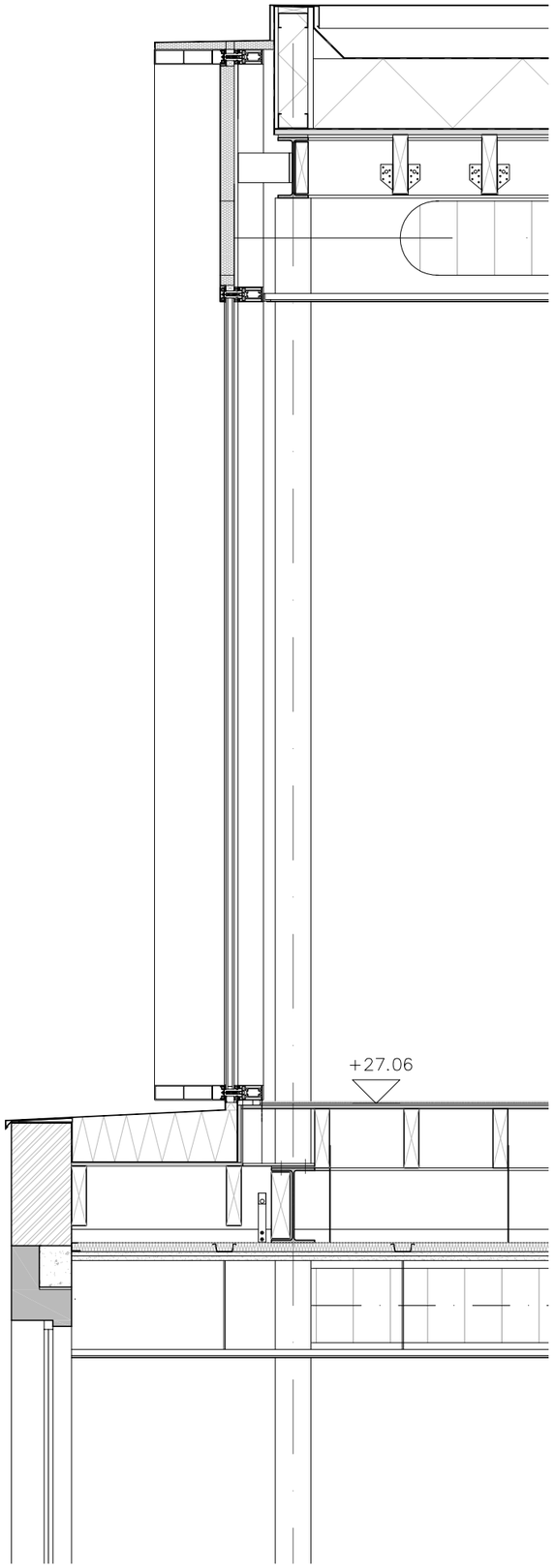
PART ELEVATION

PART PLAN

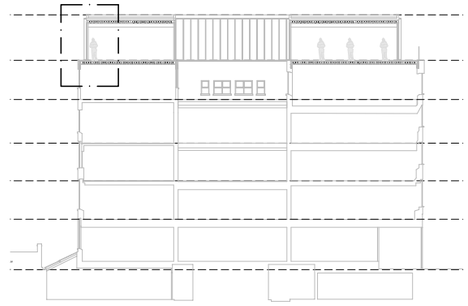
DRAFT







PART SECTION



REFERENCE SECTION B

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U-value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
Max positive pressure on curtain wall 0.75kN/m2
Max negative pressure on curtain wall 0.90kN/m2
(working mullion depth is 85mm)
U-value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U-value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

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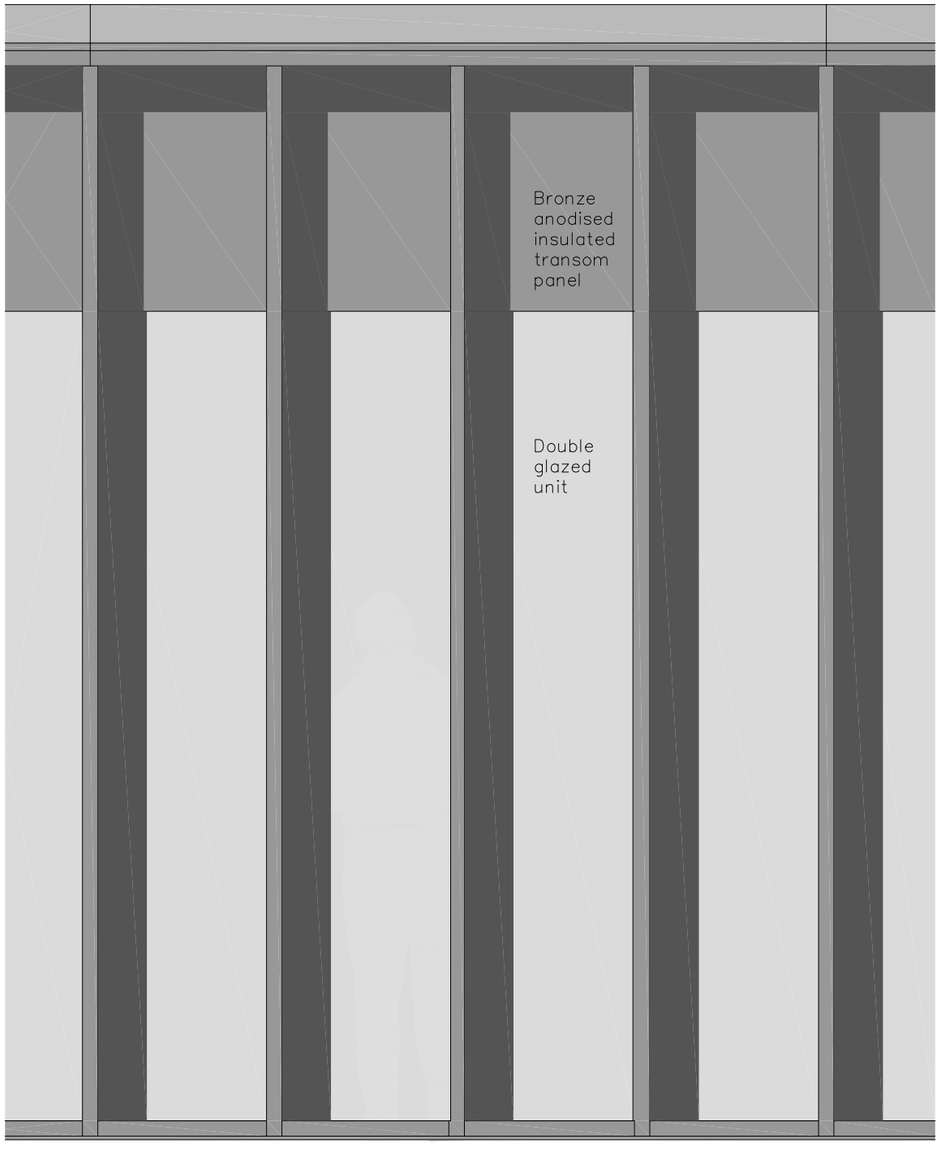
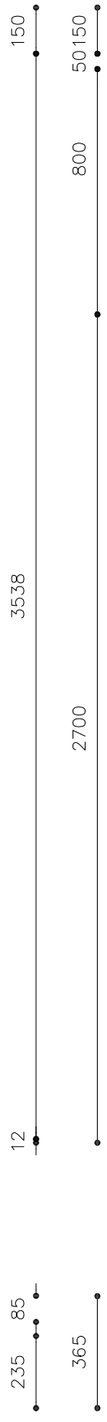
Project	STEPHENSON WAY
Project No.	19008
Client	O&C Management
Date	August 2019
Drawing No.	D201
Scale / Format	1:20 / A3
Drawn / Checked	
Drawing Name	1:20 Facade study 2_Rear elevation
Issue	P1

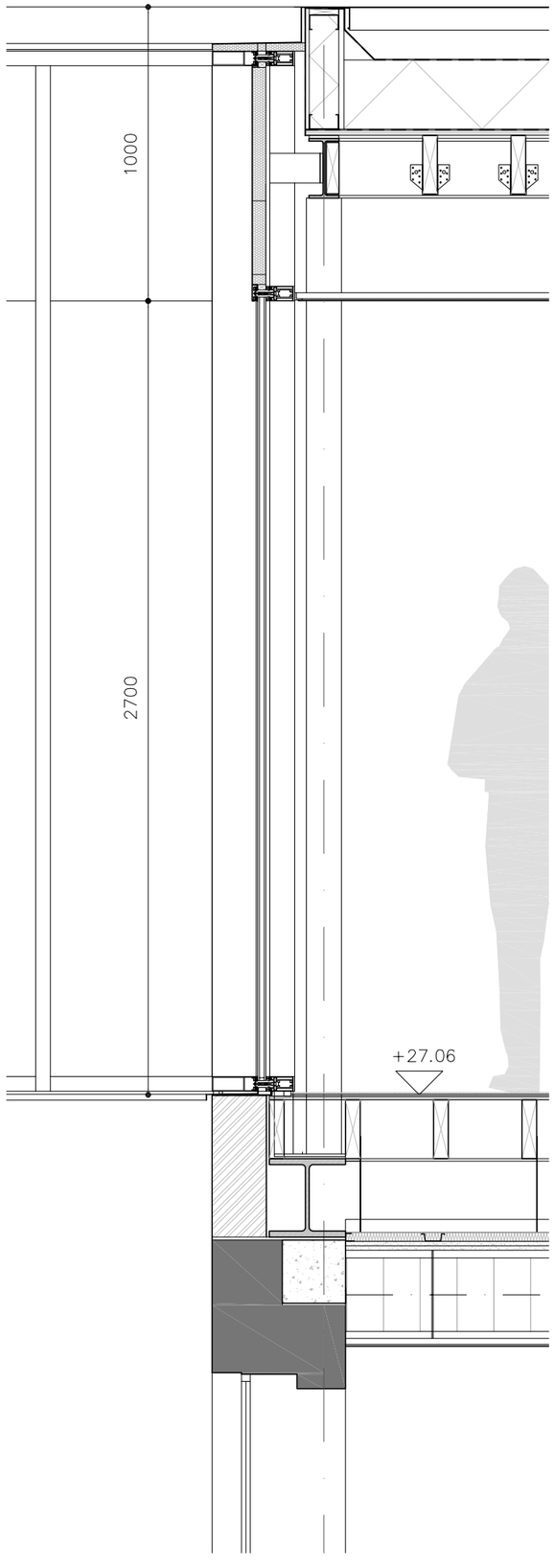


PART ELEVATION

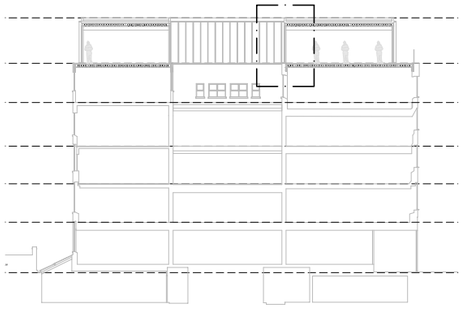
PART PLAN

DRAFT





PART SECTION



REFERENCE SECTION B

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U–value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
Max positive pressure on curtain wall 0.75kN/m2
Max negative pressure on curtain wall 0.90kN/m2
(working mullion depth is 85mm)
U–value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U–value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

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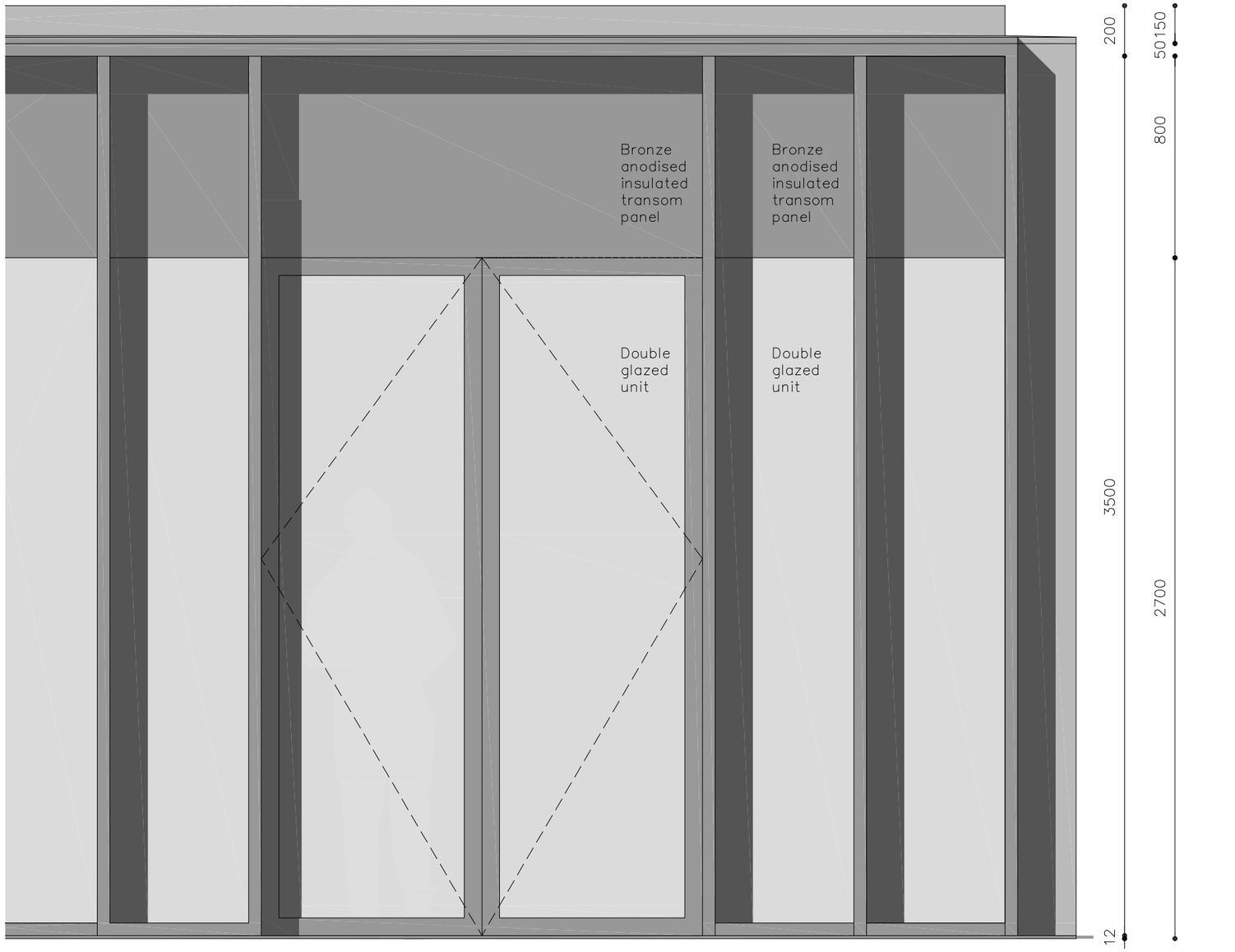
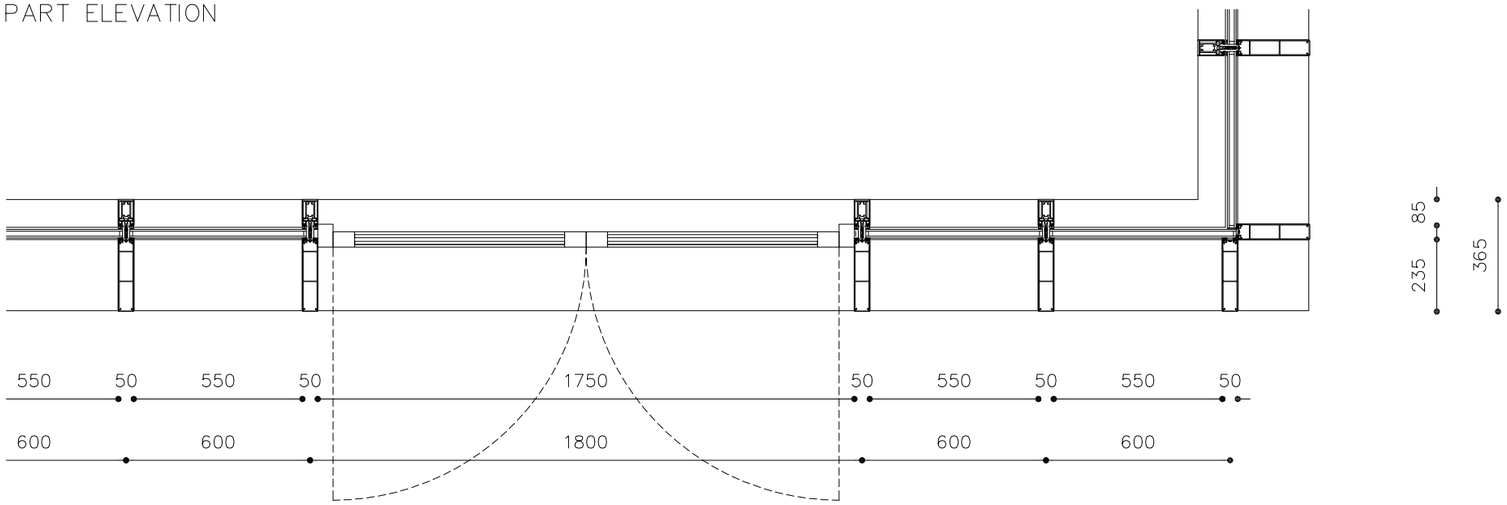
Project	STEPHENSON WAY
Project No.	19008
Client	O&C Management
Date	August 2019
Drawing No.	D202
Scale / Format	1:20 / A3
Drawn / Checked	
Drawing Name	1:20 Facade study 3_Courtyard
Issue	P1



PART ELEVATION



PART PLAN

DOUBLE DOORS
ADS 75 HD HI by Schuco. Anodised finish from Analok range to match curtain walling

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U–value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
Max positive pressure on curtain wall 0.75kN/m2
Max negative pressure on curtain wall 0.90kN/m2
(working mullion depth is 85mm)
U–value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U–value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

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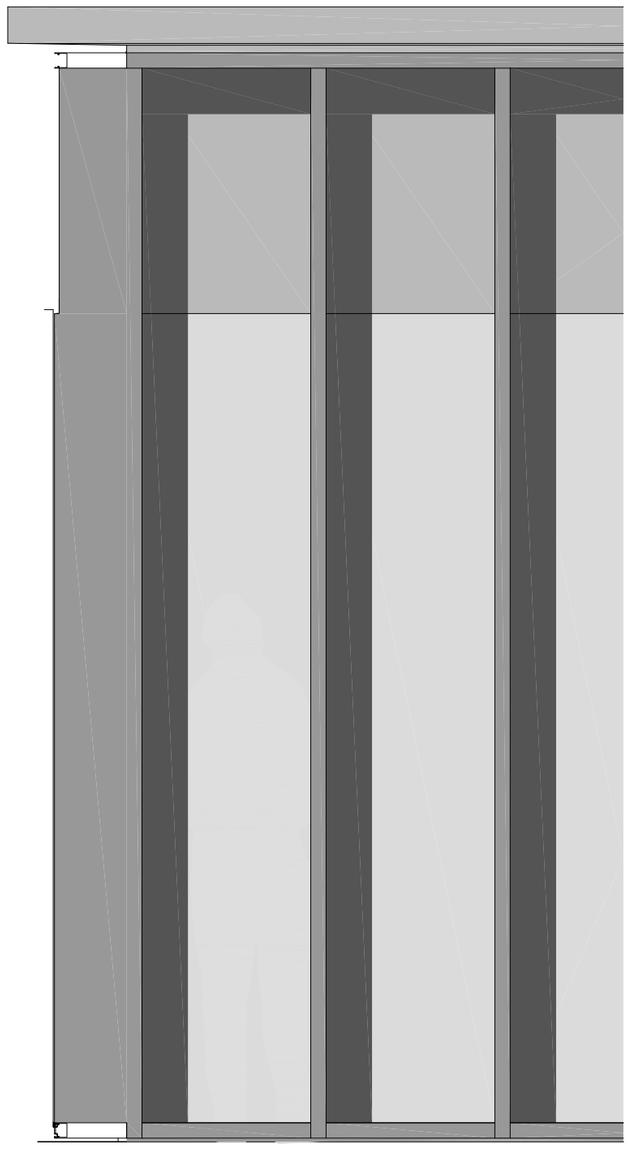
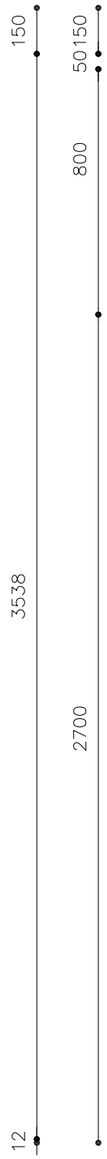
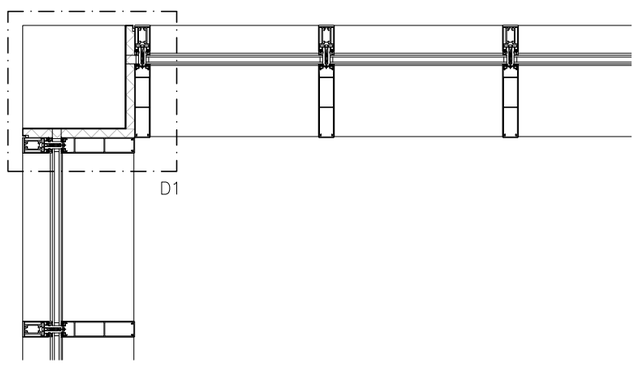
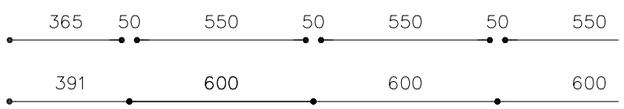
Project	STEPHENSON WAY
Project No.	19008
Client	O&C Management
Date	August 2019
Scale / Format	1:20 / A3
Drawing No.	D203
Drawn / Checked	
Drawing Name	1:20 Facade studies_Double doors
Issue	P1





PART ELEVATION





PART PLAN

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U–value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
U–value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U–value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

DRAFT

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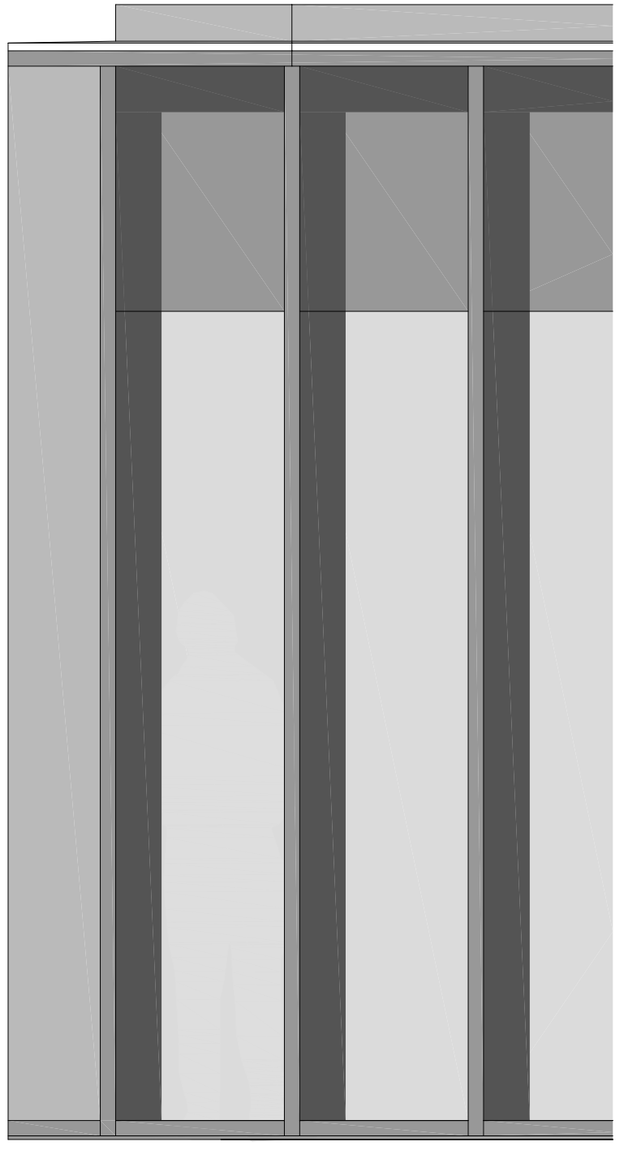
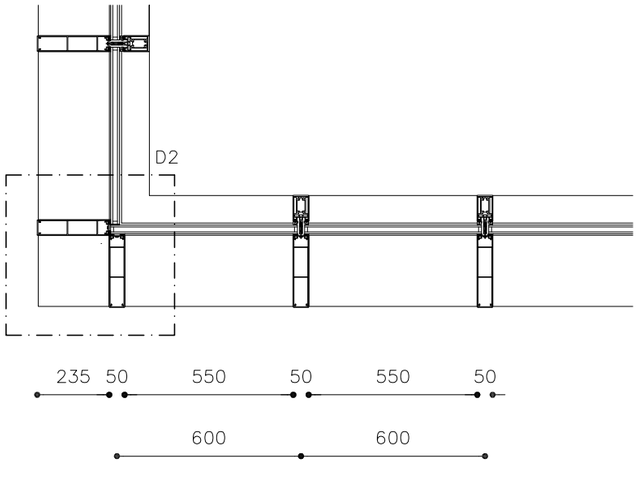
Project: STEPHENSON WAY
Project No.: 19008
Client: O&C Management
Date: August 2019
Scale / Format: 1:20 / A3
Drawing No.: D204
Drawn / Checked:
Drawing Name: 1:20 Facade study_Internal corner
Issue: P1



PART ELEVATION



PART PLAN

All items to be installed in accordance with manufacturers and suppliers written instructions for a complete installation.
Building air leakage requirement 3.0m3/Hr/m2@50Pa

ROOF
Anodised aluminium coping – finish selected from the Analok range
Upstand formed with steel studs with 12mm plywood each side
Green bitumen roof system XF118 by Bauder with 40mm drainage boards and perimeter retention angle to 100sqm of roof only.
To other areas – bitumen roof system by Bauder with decorative pebble ballast
Rigid thermal insulation Kingspan TR47 (effective or average depth 170mm) to achieve a U–value of 0.13Wm2.K
Vapour barrier
200x50mm timber joists to engineers specification
Steel frame to engineers specification
300mm clear service void
Mesh suspended ceiling system on grid support system

WALLS
Contractor designed elements include the curtain walling system and associated aluminium soffit panels
FWS 50 HI curtain walling system by Schuco.
U–value 1.3W/m2K
G Value 0.28
LT value 0.60
Neutral clear double glazed units
Anodised aluminium colour bronze to be confirmed by the architect and selected from the Analok range
Cappings to external perimeter to be 235mm deep.
Cappings to interior courtyard to be 150mm deep.
Insulated transom panel flush U–value min 1.0 W/m2K
All trims, flashings and cladding panels to be anodised aluminium to match the finish to the curtain walling.

FLOOR
Carpet finish
12mm plywood sheets to engineer's specification
200x50mm to engineer's specification
Steel frame to engineers specification
Casoline system by Gyproc to provide 1 hour fire resistance:
2 layers of 15mm Glasroc F Firecase board on MF ceiling system suspended from joists and 25mm stone mineral wool insulation with density of 100kg/m3
300mm clear service void
Mesh suspended ceiling system on grid support system

Issue	Description	Date	Drawn	Check
P1				

STAGE 4

0 500mm 1m

Scale

DRAFT

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Project: STEPHENSON WAY
Project No.: 19008
Client: O&C Management
Date: August 2019
Drawing No.: D205
Scale / Format: 1:20 / A3
Drawn / Checked:
Drawing Name: 1:20 Facade study_External corner
Issue: P1