

APPLICATION FOR DISCHARGE OF CONDITION 05 PART 2
(BLOCKS 5&6 PLANNING PERMISSION REF: 11026/FO/2016/C1)

TO BE READ IN CONJUNCTION WITH:
CSAL-ZT-CONDITION DISCHARGE-05-P2_LETTER

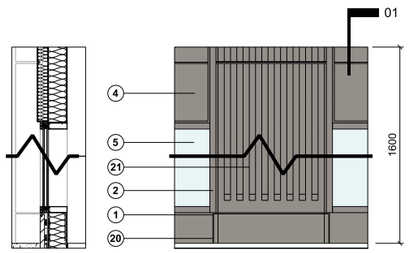
DATE ISSUED
27/11/2019

REVISION
-

GROUND FLOOR / MEZZANINE FACADE

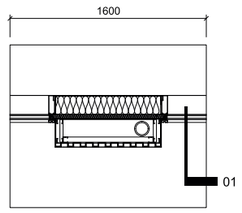
DESIGN INTENT

GROUND FLOOR FACADE



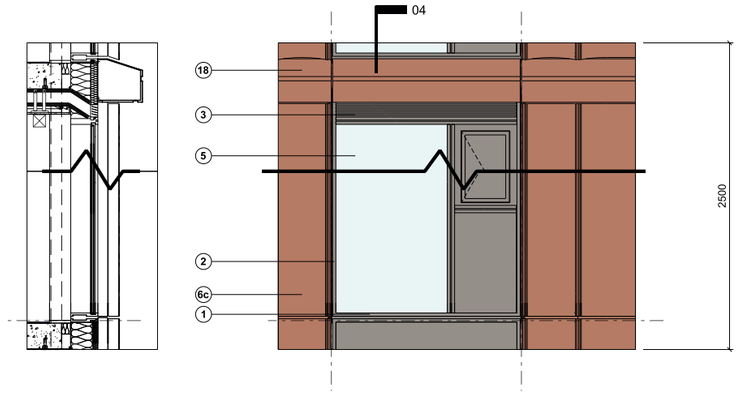
1 GF Section Detail
1 : 20

2 GF Elevation Detail
1 : 20



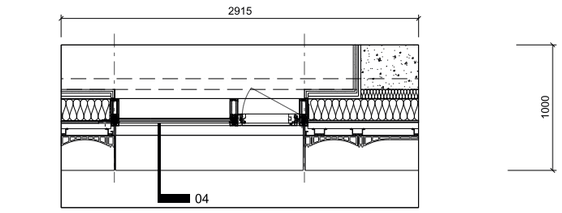
3 GF Plan Detail
1 : 20

RESIDENTIAL LEVEL FACADE

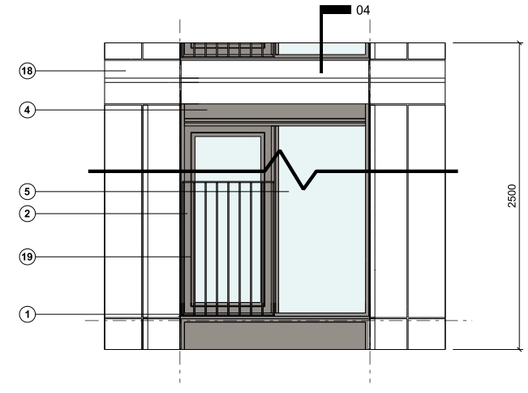


4 Section Detail
1 : 20

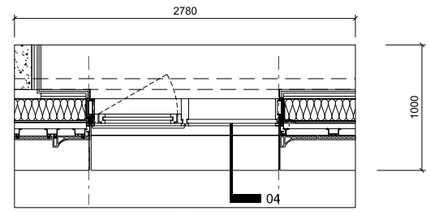
5 Elevation Detail (Block 5&6)
1 : 20



6 Plan Detail (Block 5&6)
1 : 20



7 Elevation Detail (Block 7&8)
1 : 20



8 Plan Detail (Block 7&8)
1 : 20

Building Element	Specification Reference	Sign Off Date
Aluminium Curtain Wall (GF - MZ)	EWS-151	TBC
Aluminium Metalwork (GF - MZ)	EWS-301	TBC
Concrete / GRC Panel (GF)	EWS-361	TBC
Aluminium Curtain Wall (L01 - L35)	EWS-153	TBC
Aluminium Curtain Wall (L15)	EWS-155	TBC
Aluminium Cassette System (L15)	EWS-521	TBC
Aluminium Metalwork (L01 - L35)	GLP-201	TBC

Building Element	Specification Reference	Sign Off Date
Terracotta Cladding (Blocks 5&6 - Middle)	RPC-101	TBC
Terracotta Cladding (Blocks 5&6 - Ends)	RPC-102	TBC
Terracotta Cladding (Blocks 7&8)	RPC-103	TBC
Aluminium String Course	GLP-206	TBC
Flashings + Copings		TBC
Glazing (Inc. Spandrel + Balustrade)	GLP-101 + 104	TBC

DRAWING TO BE READ IN CONJUNCTION WITH 3100 AND 3800 SERIES

Rev	Date	Amendment
P01	28.07.2017	Issued for Information
P02	19.09.2017	Updated to Include ground floor facade
P03	06.12.2017	Reduced sample panel extents

S2 - Issued for Information 28.07.2017

1. ALUMINIUM TRANSOM (DARK BRONZE COLOUR)
2. ALUMINIUM MULLION (DARK BRONZE COLOUR)
3. METAL INSULATED LOUVRE PANEL (DARK BRONZE COLOUR)
4. METAL INSULATED FEATURE PANEL (DARK BRONZE COLOUR)
5. DOUBLE GLAZED UNIT (REFER TO SPECIFICATION FOR DETAILS)
6. TERRACOTTA PROFILED RAINSCREEN CLADDING:
   6a - WHITE GLOSS FINISH
   6b - DARK RED/BROWN GLOSS FINISH
   6c - RED/BROWN GLOSS FINISH
7. PERFORATED ALUMINIUM PANEL (DARK BRONZE COLOUR)
8. NON-PENETRATING COPING SYSTEM WITH PRESSED METAL COPING
9. COMPOSITE ALLUMINIUM RAINSCREEN CLADDING (ALUCOBOND OR SIMILAR PRODUCT) DARK GREY COLOUR
10. GLAZED (SAFETY) PANEL TO BALUSTRADE, CLAMPED AT BASE, PRESSED ALUMINIUM CAP (DARK GREY)
11. DOUBLE GLAZED UNIT WITH FRITTING PATTERN, INSULATED TO ACHIEVE REQUIRED EXTERNAL WALL U-VALUE
12. SLIDING ALUMINIUM DOUBLE GLAZED DOORS (DARK BRONZE COLOUR)
13. PROJECTING ALUMINIUM CAPPING (DRAK BRONZE COLOUR)
14. CONCRETE PAVING / BALLAST ON INSULATION, BITUMINOUS WATERPROOFING SYSTEM ON CONCRETE SLAB
15. COMPOSITE TIMBER DECKING ON INSULATION, BITUMINOUS WATERPROOFING SYSTEM ON CONCRETE SLAB
16. ALUMINIUM TOUCH MULLION (DARK BRONZE COLOUR)
17. CONCRETE UPSTAND (SEE STRUCTURAL ENGINEERS DRAWINGS)
18. EXTRUDED ALUMINIUM STRING COURSE, COLOUR, FINISH AND TEXTURE TO MATCH TERRACOTTA.
19. STAINLESS STEEL BALUSTRADE
20. CONCRETE / GRC
21. PRESSED/EXTRUDED FEATURE ALUMINIUM PIER, DARK BRONZE COLOUR

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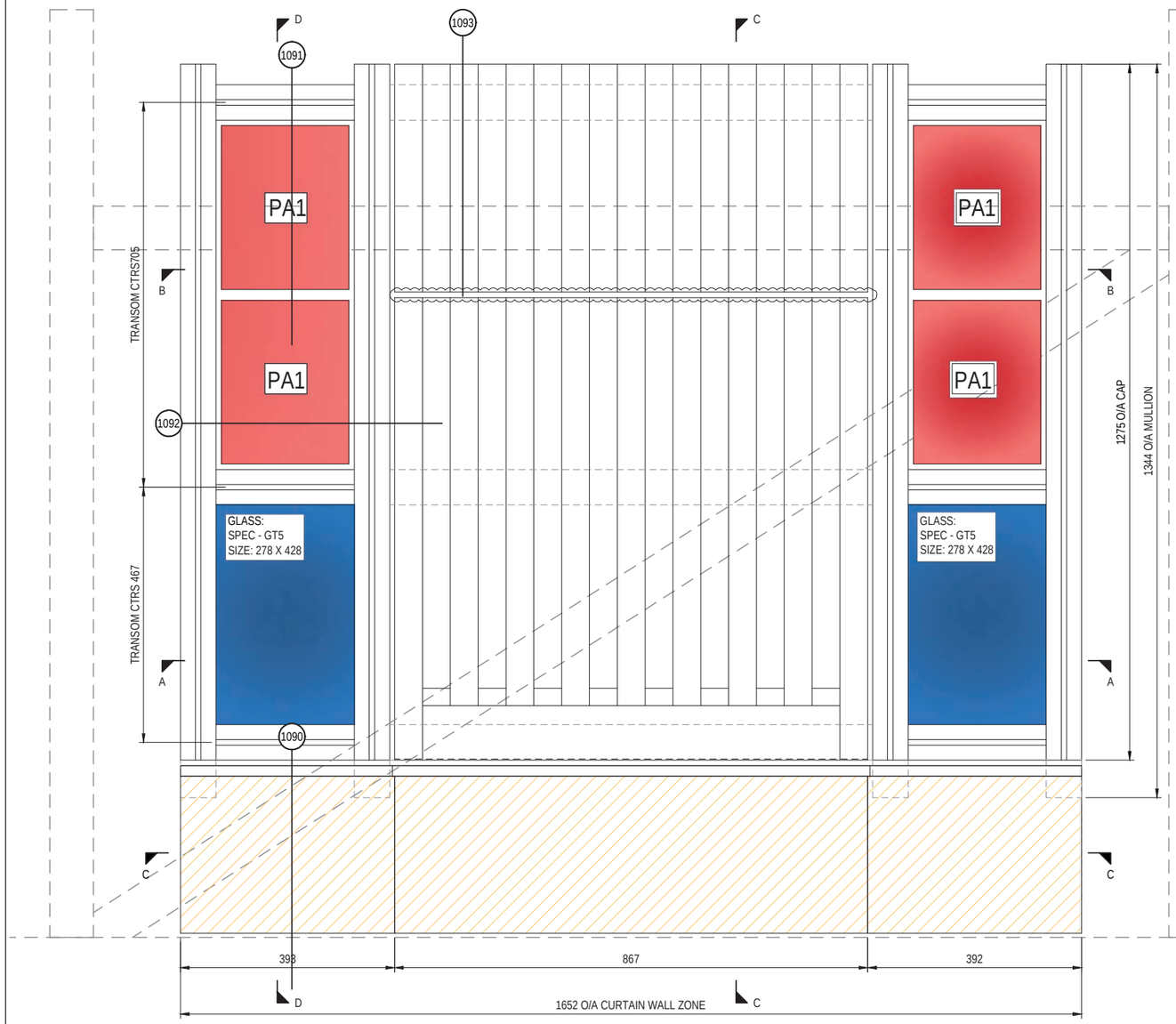
Typical Details (Blocks 5, 6, 7 & 8)
Drawing No: CSAL-FCBS-XX-XX-DR-A-3160
Revision: P03
Drawing Name: Facade Sample Panels
Scale 1 : 20 @ A1
Date 28/06/17
Drawn FCBS-MCR
Do Not Scale
Original printed at A1
All Dimensions to be checked on site

AFFINITY LIVING - CIRCLE SQUARE - 5&6 GF VISUAL MOCK UP ELEVATION.



GT5

42.3mm Sealed double glazed unit.

Outer pane - 14.3 (66.6) Thk SGG Stadip protect silence acoustic (standard PVB)
PLANICLEAR LAMINATE WITH PLANITHERM ONE T - coating to surface 4
Cavity & spacer - 16mm 90% Argon filled black warm edge chromatech ultra cortinuous spacer complying with gas fill & edge seal standard EN1279 part 3
Inner pane - 12mm thk SGG securit PLANICLEAR HST to BSEN 14179
Weight - 62.4kg/m2

Luminous Factors
Light Transmittance - 67%
Outdoor Reflectance - 21%
Indoor Reflectance - 21%

Colour Rendering
Ra:95 Transmittance
Ra:97 Outdoor Transmittance

Energy Factors
Transmittance - 37%
Outdoor Reflectance - 24%
Indoor Reflectance - 32%
Absorbtance A1 - 35%
Absorbtance A2 - 4%

Solar Factors
G-Value - 0.42
Shading Coefficient - 0.48

Sound Transmission loss
RW(C;Ctr) = 47(-1;-5) dB (Acoustic values acording to EN ISO 140 & from notified body

Burglar Resistance EN356
P5A/NPD

Thermal Transmission
Centre pane U-vale when in Vertical plane - 1.0W/(m2K)

PA1

42mm Aluminium Faced infill panel.
Outer - 3mm Aluminum
Core - Thickness Varies, Rockwool RWA45 insulation or similar
Edges - 20 x 40 paylight block to all edges
Inner - 3mm steel

Thermal Transmission - TBC by thermal engineer.

NOTE: STRUCTURE TO BE DESIGNED AND SUPPLIED BY OTHER

NOTES.

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Kawneer Profile references:
- 65x205 mullion/transom profile ref: 172 063
- Mullion insert ref : 172 105
- Mullion insert reinforcement piece ref: 273 766
- Feature cover cap ref: 981 398
- Pressure plate ref: 273 776 / 273775
- 14mm internal gasket ref: 273 503
- 4mm External glazing gasket ref: 237 583
- Batman gasket ref: 273 723
- Glass support ref: 273 917 & 273 652 & 273 809
- 36mm Isolator ref: 271 490
- Isolator screw ref: tbc

Colous:
-Curtain Walling: External - Interpon D2525 - Y2214F Anodic Bronze matt finish - 60-80 microns.
Internal - Interpon D1036 SL822G RAL 7022 Matt HR 60-80 microns
-Spandrel panels - Interpon D2525 - Y2214F Anodic Bronze matt finish - 60-80 microns.
-Feature pressing (pier) PPC Interpon D2525 - Y2214F Anodic Bronze matt finish - 60-80 microns
-GRC Panel - TBC

ISSUED FOR CONSTRUCTION

REV	DETAILS	DATE
C01	ISSUED FOR CONSTRUCTION	25/04/19

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DRAWN BY	CHKD BY	DATE	SCALE
CF	BH	25/04/19	1:8

CLIENT: SISK

CONTRACT: AFFINITY LIVING - CIRCLE SQUARE - MANCHESTER - BLOCKS 5 & 6

DRAWING TITLE: GROUND FLOOR VISUAL MOCK UP SCHEDULE

CSAL-FKG-ZT-GF-DR-X-6131

DRAWING No. F1632 - 6131 C01

GROUND FLOOR / MEZZANINE FACADE

VMU PHOTOGRAPHIC RECORD







VMU photographs from review on 25th October 2019 with MCC.

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Project Reference: 1808-2-C3