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GENERAL NOTES:
DO NOT SCALE - IF IN DOUBT ASK
ALL FRAMES VIEWED FROM OUTSIDE UNLESS OTHERWISE STATED.
SEE COMPONENT SCHEDULE DRAWING FOR ITEM REFERENCES.
THE SETTING OUT, DIMENSIONS AND DETAILS OF OTHER TRADES ARE TO BE INDICATED BY OTHERS.
NO OTHER TRADES TO BE FIXED OR LOADS TRANSFERRED TO INDICATED WORKS UNLESS PRIOR AGREEMENT.
FIXING CENTRES UNLESS OTHERWISE STATED WILL BE 600mm MAXIMUM EQUAL CENTRES.

ALL INSTALLATION TO BE IN ACCORDANCE WITH METHOD STATEMENT.

  VCL NOT BY RED SYSTEMS LTD
 EPDM

MAX PROJECT WINDLOAD - 1500 Pa

IDENTIFIED POTENTIAL RISKS ON DRAWING:

 Construction sequence determined by buildability of detail

 Potential functional or maintenance issue due to construction or architectural requirements

INSTALLATION NOTES:

 Unusual, non-standard or bespoke element

Handle Side  Hinge Side Door Leaf
Open Out & In

Opening Convention:
British Standard Used - External Elevation

DWG REVISIONS

Rev	Notes	Date
P1	First Issue	27-12-20
P2	Notes Added	13-01-21
C1	Returned Comments & Construction	24-01-21
C2	Notes Updated	24-02-21
C3	Updated to Calcs	21-03-21

CONSTRUCTION

RED Systems Ltd
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Scale: 1-2.5 @ A1	Drawn by: SDL	Date: 15-12-20
Project: SC431 - LEONARDO HOTEL MANCHESTER		
Phase:		
Client: BOWMER & KIRKLAND LIMITED		
Title: Notes Legend & Specification Sheet 01		
Drawing Ref:	63048- RED-ZZ- ZZ- SP- Y-0100	Rev: C03

Glass Specifications:

Type G1 - (32mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
6mm Clear Toughened HST (Inner)

Type G2 - (31.8mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
8.8mm Clear Laminated (Inner)

Type G3 - (31.5mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
9.5mm Clear Laminated (Inner)

Type G4 - (31.8mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
10.8mm Clear Laminated (Inner)

Type G5 - (33.5mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
7.5mm Clear Laminated (Inner)

Type G6 - (33.5mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
9.5mm Clear Laminated (Inner)

Type G7 - (33.5mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
11.5mm Clear Laminated (Inner)

Type G8 - (29.5mm Vision)
6mm Guardian Sunguard SN70/35 Toughened HST (Outer)
Argon (Black Warm Edge Spacer)
7.5mm Clear Laminated (Inner)

Site Applied Manifestation - Two Levels of 50mm Dot at 100mm Centre to Centre Spacing
Colour Frosted Grey (Level 00 Only)

Panel Specifications:

Type P1 - (57mm Insulated)
2mm Aluminium PPC Finish (Outer)
None Combustible Insulation Class A1 Core With Hard Edge Perimeter
2mm Mild Steel Galvanised Finish (Inner)

Type P2 - (57mm Insulated)
2mm Aluminium PPC Finish (Outer)
None Combustible Insulation Class A1 Core With Hard Edge Perimeter
2mm Aluminium PPC Finish (Inner) (At Room Level)
2mm Mild Steel Galvanised Finish (Inner) (Above Bulkhead)

Type P3 - (49mm Insulated)
2mm Aluminium PPC Finish (Outer)
None Combustible Insulation Class A1 Core With Hard Edge Perimeter
2mm Mild Steel Galvanised Finish (Inner)

Type P4 - (33.5mm Insulated)
2mm Aluminium PPC Finish (Outer)
None Combustible Insulation Class A1 Core With Hard Edge Perimeter
2mm Mild Steel Galvanised Finish (Inner)

System Specification:

Windows:
Technal FY65 Fixed Lights (Outside Glazed)
Technal FY65 Side Hung Balcony Doors (Level 01 Access Door)

Doors:
Jack Aluminium TD68 Commercial Doors

Curtain Wall:
Technal MX Capped Curtain Wall

Louvres Type L#a: (32mm Edge Frame for Glazing In)
Aluminium Fixed Blade Louvres - Type DucoGrille Solid F30Z-P2
2mm Mild Steel Galvanised & PPC Finish Blanking Plate with 60mm Foil Backed Class A1 Insulation Bonded on and Cut Out and Spigot (Plenum, Ductwork including Connection & all Associated Seals NOT by RED Systems Limited)
48% Physical Free Area to Active Zones

Louvres Type L#b: (32mm Edge Frame for Glazing In)
Aluminium Fixed Blade Louvres - Type DucoGrille Solid F30Z-NP
2mm Mild Steel Galvanised Blanking Plate with 60mm Foil Backed Class A1 Insulation Bonded on
0% Physical Free Area - Dummy Louvres (No Slots, Spigots or Plenums)

Louvres Type L2:
Aluminium Fixed Blade Louvres - Type IKON IKL502
Insect Mesh Where Applicable
50% Physical Free Area to Active Zones

Finishes:

Aluminium Framing Finished:
RAL 8000 Matt (30% Gloss) (60 Microns) to Visible Faces
Aluminium Perimeter Flashings & Sills Finished:
RAL 8000 Matt (30% Gloss) (60 Microns) to Visible Faces
Aluminium Insulated Panel (Outer & Inner)
RAL 8000 Matt (30% Gloss) (60 Microns) to Visible Faces

U.N.O. on 0100 Series Drawings

All Silicone Seals to be Black

Signage including all necessary lighting, cable routing and concealment all NOT by RED Systems Limited

01 Packing Shims as Required
By RED Systems Limited

02 M6 Stainless Steel (A4) Hex Hd HFL Tapcon
Nom 500mm Centres
By RED Systems Limited

03 No 10 Stainless Steel Frame Screws
Nom 600mm Centres
By RED Systems Limited

04 No 12 Stainless Steel Self Drill Self Tap Screw
Nom 600mm Centres
By RED Systems Limited

05 2mm Formed Aluminium Pressed Metal
PPC Finish (Visible Faces Only)
By RED Systems Limited

06 3mm Formed Aluminium Pressed Metal
PPC Finish (Visible Faces Only)
By RED Systems Limited

07 Site Applied Single Part Low Modulus Sealant on
Polyethylene Backing Rod
By RED Systems Limited (Black)

08 Flexible Joint Sealant
NOT by RED Systems Limited

09 Independently Supported Internal Linings
or Finishes or Back Up Walls
NOT by RED Systems Limited

10 Independently Supported Closer Flashings
& Associated Parts & Fixings
NOT by RED Systems Limited

11 Independently Supported GRC Cladding
& Associated Parts & Fixings
NOT by RED Systems Limited

12 Insulated Cavity Closer / Fire Stop
NOT by RED Systems Limited

13 Primary or Secondary Steel Support Members
NOT by RED Systems Limited

14 Aluminium Faced Insulated Panel
PPC Finish
By RED Systems Limited

15 Isolation Tape / Plastic
By RED Systems Limited

16 Insulation
NOT by RED Systems Limited

17 Membrane - DPC / DPM / Vapour
Compatible with EPDM where applicable
Bonded to RED Systems Components By Others

18 Internal / External Floor Finishes / Access Steps
NOT by RED Systems Limited

19 1.0mm EPDM Membrane (Illbruck ME501)
Bonded & Sealed to Sub-Structure (100mm Min) or
Glazed Into Curtain Wall Adaptor By RED Systems Limited

20 Fabricated Aluminium Sleeve &
6mm or 10mm or 12mm Aluminium Base Plate
By RED Systems Limited

21 2mm Mild Steel Brackets
Galvanised Finish to BS EN ISO 1461
By RED Systems Limited

22 M10 Stainless Steel (A2/70) Anchor Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

23 M10 Stainless Steel (A2/70) Hex Head Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

24 Fixed Blade Aluminium Louvre Insert
PPC Finish (Visible Faces Only)
By RED Systems Limited

25 Aluminium Blanking Plate
With Spigots & Cut Outs (PPC Finish)
By RED Systems Limited

26 Insect Mesh to Aluminium Louvres
(Active Louvres Only)
By RED Systems Limited

27 Aluminium Welded Sill Stop End
PPC Finish (Visible Faces Only)
By RED Systems Limited

28 Cement Board (Sealed Joints)
NOT by RED Systems Limited

29 Aluminium Welded Sill Stop End
PPC Finish (Visible Faces Only)
NOT by RED Systems Limited

30 Fischer FNA II 6 x 30/5 Stainless Steel Nail Head Anchor
Nom 600mm Centres
By RED Systems Limited

31 Siderise CW-FS120 Fire / Smoke Stop (120 Minute Rating)
Secured with Brackets B65/110, B195, B355 Nom 600mm Centres
By RED Systems Limited

33 No 10 Stainless Steel Self Drill Self Tap Screw Colour Matched Head
(JT4 5.5 x 19) Nom 600mm Centres
By RED Systems Limited

34 6mm Aluminium Angle & Spreader Plate
Mill Finish
By RED Systems Limited

35 M6 Stainless Steel (A2/70) Hex Head Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

36 Siderise Acoustic Inserts
By RED Systems Limited

37 6mm Mild Steel Brackets
Galvanised Finish to BS EN ISO 1461
By RED Systems Limited

38 Mullion Joint
By RED Systems Limited

39 Insulation (Typically Rockwool RW3)
Packed To Perimeter Voids
By RED Systems Limited

40 Siderise RH25G-120/90 Fire / Smoke Stop (120/90 Rating)
Secured with Brackets RS550 Nom 400mm Centres
By RED Systems Limited

41 6mm x 25mm Drain Slots
Nom 1000mm Centres
By RED Systems Limited

42 3mm Mild Steel Brackets
Galvanised Finish to BS EN ISO 1461
By RED Systems Limited

43 Extruded Aluminium Support Bracket
PPC Finish (Visible Faces Only)
By RED Systems Limited

44 Factory Applied Silicone Smear
(Applied to Surface 2)
By RED Systems Limited (Black)

45 M5 Stainless Steel (A2/70) Hex Head Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

46 M8 Stainless Steel (A2/70) Hex Head Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

47 8mm Aluminium Angle & Spreader Plate
Mill Finish
By RED Systems Limited

48 8mm Mild Steel Brackets
Galvanised Finish to BS EN ISO 1461
By RED Systems Limited

49 M12 Stainless Steel (A2/70) Anchor Bolt with
Nut, Std Washers & Lock Washer
By RED Systems Limited

50 10mm Mild Steel Brackets
Galvanised Finish to BS EN ISO 1461
By RED Systems Limited

C03

C03