01 Corner Detail

Scale: 1:5@A3

3mm THK FOLDED ALUM COLUMN CLADDING PANELS:
COLOUR SL804G RAL 7004 (MATT HR)
PANELS FIXED WITH A4 S/STEEL RP25 TORX SCREWS ~ 03
PANELS ORDERED WITH PILOT HOLES TO ENSURE EQUALLY SPACED CTS.

SUPPORT FABRICATED FROM A RANGE OF 9.5mm ALUM ANGLES.
ALL ANGLES FIXED WITH D933/M10 A4 S/STEEL SET BOLTS, D125/M10 & D127/M10 A4 S/STEEL FLAT/SPRING WASHERS & D934/M10 FULL HEAD A4 S/STEEL NUTS
Tightening Torque for M10 = 33Nm
ANGLES SEPARATED FROM COLUMN WITH EPDM

H

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20mm CLOSED CELL BACKER-ROD SEALED AROUND PERIMETER WITH SILICONE SEALANT. COLOUR: TBC?

INSULATED P.P.C ALUM PANEL:
External: 3mm ALUM SKIN ~ SILVER ANODISED EV1 ~ 25mircons
Core: 37mm ROCKWOOL RWA45 INSULATION

PANEL DESIGNED WITH 6x100mm SLOTS SPACED AROUND THE GLAZING EDGE FOR GLAZING INTO THE C/WALLING WITH THE USE OF SCHUCO CLIPS

3mm THK FOLDED P.P.C ALUM PANELS:
Colour: SW206G 60 microns CLASS 1 D1036 (RAL 9006 MATT SILVER)
PANELS FIXED BETWEEN MULLIONS WITH SCHUCO CLIPS AND FASTENED WITH D7981 ST4.8X16 A4-70 SCREW AT 250mm MAX CTRS

20mm JOINT SEALED WITH BLACK DOWSIL 791 SEALANT

INSULATED P.P.C ALUM PANEL:
External: 3mm P.P.C ALUM SKIN ~ SILVER ANODISED EV1 ~ 25 microns
Core: ROCKWOOL RWA45 INSULATION
Internal: 0.9mm GALVANISED LINER TRAY

PANEL DESIGNED WITH 6x100mm SLOTS SPACED AROUND THE GLAZING EDGE FOR GLAZING INTO THE C/WALLING WITH THE USE OF SCHUCO CLIPS

DESIGN NOTE:
COLUMN JOINTS ALIGN WITH SOFFIT JOINTS

0.9mm GALVANIZED STEEL BACKING SHEET FIXED AROUND SYSTEM WITH D7981/4.2x13mm SCREWS @ 50mm FROM EACH CORNER & APPROX 250mm CTS.

200x45x3mm RHS ALUM. BOX. FIXED WITH ALUM. ANGLE
Colour: YN205E 60microns ~ CLASS 2 D2525 (RAL 9005)
GLAZED INTO SYSTEM WITH SOLID PVC EDGE PACKER.
SLOTS CUT IN VERTICAL SIDE TO ALLOW THE SECTION TO BE TOGGLED WITH SCHUCO CLIPS.
SECTION FILLED WITH ROCKWOOL RWA45 INSULATION

0.7mm EPDM GLAZED INTO SYSTEM BETWEEN MULLIONS. MIN 150mm OVERLAPS FULLY BONDED WITH CORTEX 0775 CONTACT ADHESIVE.

IMPORTANT
ALL STRUCTURE HAS BEEN CROSS-CHECKED WITH LATEST BIM MODEL

UPSTAND LVL +25.925

GALV BACKING SHEET

BESPOKE MULLION = 250

11525 TO GRIDLINE E-1

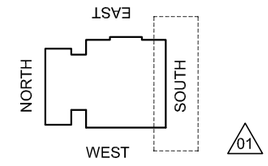
JRL McMULLEN

CDM Regulations

Hazards	Date Added	Date Mitigated	Risk Assessment Date
HEAVY GLASS ~ LOADS INDICATED 01	05/02/15		

HEALTH & SAFETY REVIEW REQUIRED IN ACCORDANCE WITH CDM REGULATIONS

KEY PLAN



DESIGN NOTES: Technical Report list:

DOCUMENT TITLE:	Doc Number:	CONJECT Number
Facade Design & Glass Risk Assessment	3135-TR003	KXC-S1-001-Y-21-TR003
Glass Technical report	3135-TR004	KXC-S1-001-Y-21-TR004
Technical data fir Hilti fire stop details	3135-TR005	KXC-S1-001-Y-21-TR005
Material data sheet report	3135-TR006	KXC-S1-001-Y-21-TR006
Door schedule & Operation Information	3135-TR007	KXC-S1-001-Y-21-TR007
Facade Airborne Acoustic report	3135-TR008	KXC-S1-001-Y-21-TR008
Facade Vertical & Horizontal Acoustic report	3135-TR009	KXC-S1-001-Y-21-TR009
Accommodation of structural movement	3135-TR012	KXC-S1-001-Y-21-TR012
Hatfen channel & Slab edge design	3135-TR013	KXC-S1-001-Y-21-TR013
Thermal Safety Check on Glass	3135-TR022	KXC-S1-001-Y-21-TR022

DO NOT SCALE : IF IN DOUBT ASK!

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Signed:	S.Patterson	Internal Quality Check
Date:	04-05-2018	

THERMAL REPORT FOR GROUND FLOOR SOUTH ISSUED 25/01/2019 (KXC-S1-001-Y-3135-904-TR203)

No.	Intd	Intd	Date	Revision	Check	Description	Date
004	DR	DR	15-04-19	GLASS WIDTH UPDATED - ISSUE FOR CONSTRUCTION			15-04-19
003	GC	GB	04-04-19	COLOUR CHANGE ISSUE FOR CONSTRUCTION			04-04-19
002	CC	CC	26-02-19	CLADDING INTERFACE WITH C/W ISSUE FOR CONSTRUCTION			26-02-19
001	DR	GB	07-12-18	SECOND ISSUE			07-12-18
000	SP	SP	04-05-18	FIRST ISSUE			04-05-18

Contract: KINGSCROSS S1
Architect: MOSSESSIAN
Main Contractor: BAM
Drawing: SOUTH ELEVATION GND - 2ND FLOOR GENERAL SYSTEM DETAILS
Drawn By: SPatterson
Date: 04-05-2018
Scale: 1:5 @ A3
MFL No.: 3135-616
DMS Code: KXC-S1-001-Y-3135-21-616
Revision: 004

DRAWING ISSUED FOR: CONSTRUCTION
STATUS OF PREVIOUS RETURN: A B C -

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