

01

# Column Details

Scale: 1:5@A3

6mm THICK ALUMINIUM  
PRESSED SPLICE 'C' SECTION.

10mm GAP BETWEEN VERTICAL BOX  
LADDER SECTIONS TO ALLOW FOR  
THERMAL MOVEMENT

SPLICE FIXINGS: 4 No. D933 M8X35mm S/S  
BOLTS WITH D127 WASHERS.  
HOLES TO BE DRILLED AND TAPPED ON  
SITE IN LOCATION SHOWN.

**\*IMPORTANT NOTE:**  
SPLICE BRACKETS TO BE INSTALLED  
PRIOR TO LADDER INSTALLATION TO  
COLUMN.

50mm ROCKWOOL DUOSLAB  
INSULATION ENCASING TOP 3m  
OF COLUMN WITH FIXFAST  
PIH-62 SPIKES AND WASHERS  
AND FOIL TAPE.  
SPIKES INSTALLED TO  
COLUMN WITH IHA-5 LITRE  
ADHESIVE

120x120x10mm MILD STEEL ANGLES FIXED TO  
15mm MILD STEEL PLATE (GALVANISED) WITH 2  
No. D933 M10x55mm S/S BOLTS. PLATE FIXED  
TO COLUMN WITH 3No. M10X90 S/S BOLTS.  
ANGLE TO SUPPORT FRAME WITH 2 No.  
M10X40MM S/S BOLTS.

120x120x10mm MILD STEEL ANGLES FIXED  
TO 15mm MILD STEEL PLATE (GALVANISED)  
WITH 2 No. D933 M10x55mm S/S BOLTS.  
PLATE FIXED TO COLUMN WITH 3No. M10X90  
S/S BOLTS.  
ANGLE TO SUPPORT FRAME WITH 1 No.  
M10X40MM S/S BOLTS.

BOTTOM RAIL FIXED TO FRAME WITH SFS  
SX6\_12-S16-5.5X32mm TEK SCREWS @  
200MM MAX. CTRS.

4mm THK. FOLDED P.P.C ALUMINIUM HOOK  
PRESSING (ANODIZED EV6) SPOT WELDED  
TO 38x25x3MM ALUM' ANGLE AND BONDED  
TO REAR FACE OF STONE CLADDING  
PANEL. FIXED TO HUECK BOX SECTION  
FRAME WITH SFS SX6\_12-S16-5.5X32mm  
TEK SCREWS @ 200MM MAX. CTRS.  
(SCREWS TO MATCH FRAME P.P.C)

4mm THK. FOLDED P.P.C ALUMINIUM HOOK  
PRESSING (ANODIZED EV6) SPOT WELDED  
TO 38x25x3MM ALUM' ANGLE AND BONDED  
TO REAR FACE OF STONE CLADDING  
PANEL. FIXED TO HUECK BOX SECTION  
FRAME WITH SFS SX6\_12-S16-5.5X32mm  
TEK SCREWS @ 200MM MAX. CTRS.  
(SCREWS TO MATCH FRAME P.P.C)

30mm THICK NERO ASSOLUTO  
BLACK GRANITE CLADDING PANEL

## IMPORTANT

ALL STRUCTURE HAS BEEN  
CROSS-CHECKED WITH LATEST BIM MODEL

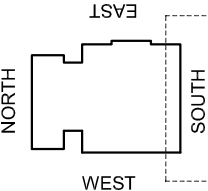
FGL VARIES  
@ SECTION IS +25.940

FGL VARIES  
@ SECTION IS +25.940



## CDM Regulations

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



## 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 for H&S 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
Hallen 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)

002	CC	CC	26-02-19	EXTERNAL LEVEL AMENDED / BRACKETS ISOLATED 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
No.	Intd	Intd	Date		

Revision	Check	Description	Date
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Contract: KINGSCROSS S1

Architect: MOSSESIAN

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.: 3135-613

DMS Code: KXC-S1-001-Y-3135-21-613 Revision: 002

DRAWING ISSUED FOR: STATUS OF  
PREVIOUS RETURN

CONSTRUCTION A B C -

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