

120x120x10mm MILD STEEL ANGLES FIXED TO 15mm MILD STEEL PLATE (GALVANISED) WITH 2 No. D933/M10x55mm 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

HUECK BOX SECTION TO BE PAINTED AT VISIBLE CORNERS
Colour: YN205E 60microns ~ CLASS 2 D2525 (RAL 9005)

PLATE FIXED TO COLUMN WITH D933/M10x80mm 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

ANGLE TO SUPPORT FRAME WITH 2 No. D933/M10x40 S/S BOLTS. D125/M10 & D127/M10 A4 S/STEEL FLAT/SPRING WASHERS & D934/M10 FULL HEAD A4 S/STEEL NUTS
Tightening Torque for M10 = 33Nm

IMPORTANT

ALL CONCRETE & STEEL TOLERANCES AS PER **RAMBOLL MOVEMENT & TOLERANCES REPORT (KXC-001-33235-S-28-910_REV03)** ALSO REFER TO **KXC-S1-001-Y-3135-21-TR012**

25x25x6mm CLEARANCE HOLE DRILLED IN FACE OF HUECK BOX SECTION TO ALLOW ACCESS FOR MILD STEEL ANGLE FIXINGS

70x70x6mm CLEARANCE SLOT DRILLED IN FACE OF HUECK BOX SECTION TO ALLOW ACCESS FOR FIXINGS THROUGH STEEL COLUMN

DESIGN NOTE:

INSULATION NOT REQUIRED AT LOWER LEVEL. SUFFICIENT INSULATION WILL BE PRESENT 3M BEFORE SOFFIT LEVEL AS PER CALCULATION

NECESSARY MATERIALS WILL BE ISOLATED/COATED TO PREVENT BIMETALLIC CORROSION

COLUMN JOINTS ALIGN WITH SOFFIT JOINTS

30mm THICK NERO ASSOLUTO BLACK GRANITE CLADDING PANEL

100x25x6mm CLEARANCE HOLE DRILLED IN FACE OF HUECK BOX SECTION TO ALLOW ACCESS FOR MILD STEEL ANGLE FIXINGS

120X120X10mm MILD STEEL ANGLE FIXED TO ALUMINIUM FRAME WITH D933 M10X40mm S/S BOLTS.

MILD STEEL ANGLE FIXED TO 15mm MILD STEEL PLATE WITH D933 M10X55mm S/S BOLTS.

15mm MILD STEEL PLATE FIXED TO COLUMN WITH 3 No. D933 M10X90mm S/S BOLTS

FRAME CONSTRUCTED AROUND COLUMN USING PROFILE P547760-01

STONE CLIPS FIXED TO FRAME WITH SFS
SX6_12-S16-5.5x32mm SELF DRILLING SCREWS.
@ 200MM MAX. CTRS.
HILTI S-MD-55 5.5X52mm SELF DRILLING SCREWS TO BOTTOM RAILS ONLY.

STONE CLIPS FIXED TO FRAME WITH SF SX6_12-S16-5.5x32mm SELF DRILLING SCREWS.
@ 200MM MAX. CTRS.

200x100x10mm MILD STEEL ANGLES FIXED TO 15mm MILD STEEL PLATE (GALVANISED) WITH 2 No. D933/M10x90mm 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

200x100x10mm MILD STEEL ANGLE FIXED TO ALUMINIUM FRAME WITH D933/M10x40mm 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

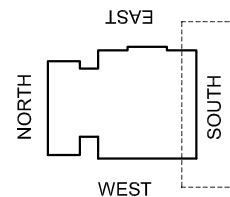
HUECK BOX SECTION TO BE PAINTED AT VISIBLE CORNERS
Colour: YN205E 60microns ~ CLASS 2 D2525 (RAL 9005)

GND LVL Column

Scale: 1:5@A3

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	BRACKETS THERMALLY 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
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Revision	Check	Description	Date
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Contract: KINGSCROSS S1

Architect: MOSSSESSIAN

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.: 3135-618

DMS Code: KXC-S1-001-Y-3135-21-618

Revision: 002

DRAWING ISSUED FOR: STATUS OF PREVIOUS RETURN

CONSTRUCTION A B C -

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