

01

Scale: 1:5@A3

200X100X10mm MILD STEEL GALVANISED
ANGLE FIXED TO ALUMINIUM FRAME WITH 1
No. D933 M10X40mm S/S BOLT.
200X100X10mm MILD STEEL ANGLE FIXED TO
200X100X10mm MILD STEEL GALVANISED
ANGLE WITH 2 No. D933 M10X40mm S/S
BOLTS.

SYSTEM DRAINAGE IS AS PER S2.
BESPOKE ALUM PRESSING
REQUIRED FOR COLUMN INTERFACE

COLUMN SUFFICIENTLY INSULATED
FOR 3M BEFORE SOFFIT INTERFACE
AS PER CALCULATION

NECESSARY MATERIALS WILL BE
ISOLATED/COATED TO PREVENT
BIMETALLIC CORROSION

U/S OF BEAM TO BE INSULATED
WITH 75mm THK ROCKWOOL
DUO SLAB. FIXED WITH HILTI IDP
INSULATION FASTENERS TO BE
USED TO MANUFACTURES
RECOMMENDATIONS
5mm STAINLESS STEEL HOOK
BRACKETS WELDED TO SIDE
OF 3mm S/STEEL PANEL.
MOVEMENT BRACKET.

| | | | |
|--------------|-----------------|--|--|
| U/S OF STEEL | +34.170 +/-25mm | | |
|--------------|-----------------|--|--|

3mm ALUM CHANNEL FIXED TO SIDE OF
SHS WITH 4No S/STEEL TEK SCREWS RF/
SX3-15-S16-5.38mm.
16mm SOLID ALUM SUPPORT PIN.
SUPPORT PIN FIXED WITH 2No M16
STAINLESS STEEL STARLOCKS.
220x120x12mm THK. STEEL PLATE S275
WELDED TO END OF 120x120x8mm SHS
SUPPORT PROFILE AND FIXED TO WELDED
STEEL PLATE WITH 2No. DIM933 M16x90S/5
THRU BOLTS. TIGHTENING TORQUE 140Nm.

3mm P.P.C ALUM' FOLDED SHEET FLASHING,
FASTENED TO 51x38x4mm THK. ALUM ANGLE WITH
A4 S/STEEL RP25 TORX SCREWS.
COLOUR: YN203E CLASS 2 D2525 INTERPON D
(RAL 9005)

10mm ALUM. PLATE FIXED TO FRAME WITH
D933 M8X35mm S/S BOLTS WITH D127
SPRING WASHERS. HOLES DRILLED &
TAPPED IN BOX SECTION ON SITE TO TAKE
BOLT FIXINGS
RAIL FIXED TO PLATE WITH D7981
ST4.8X25mm S/S SCREWS

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.

DESIGN NOTE:

**NO FINALIZED CONCEPT OR INSTRUCTION FOR RECEPTION AREA DESIGN HAS YET BEEN ISSUED FOR WA TO COMMENT AGAINST
- RECEPTION AREA IN ABEYANCE DUE TO CLIENT CHANGE**

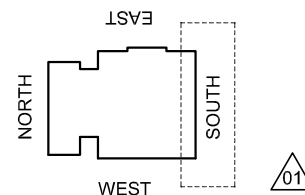
76.2X25.4X3mm ALUMINIUM BOX
SECTION MID RAIL SUPPORT FIXED TO
HUECK PROFILE 547760 WITH SFS
SX6_12-S16-5.5X32mm TEK SCREWS @
200MM MAX. CTRS.

MID STONE RAIL CLIP SC-003 FIXED TO
HUECK PROFILE WITH SFS
SX6_12-S16-5.5X32mm TEK SCREWS @
200MM MAX. CTRS.



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: | CONNECT Number |
|--|-------------|---------------------|
| Facade Design & Glass Risk Assessment | 3135-TR003 | KXC-S1-001-Y-21-TR6 |
| Glass Technical report | 3135-TR004 | KXC-S1-001-Y-21-TR6 |
| Technical data 5/ HBI 5/6 stop details | 3135-TR005 | KXC-S1-001-Y-21-TR6 |
| Material data sheet report | 3135-TR006 | KXC-S1-001-Y-21-TR6 |
| Door schedule & Operation Information | 3135-TR007 | KXC-S1-001-Y-21-TR6 |
| Facade Airborne Acoustic report | 3135-TR008 | KXC-S1-001-Y-21-TR6 |
| Facade Vertical & Horizontal Acoustic report | 3135-TR009 | KXC-S1-001-Y-21-TR6 |
| Accommodation of structural movement | 3135-TR012 | KXC-S1-001-Y-21-TR6 |
| Halfen channel & Slab edge design | 3135-TR013 | KXC-S1-001-Y-21-TR6 |
| Thermal Safety Check on Glass | 3135-TR022 | KXC-S1-001-Y-21-TR6 |

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 | 04-04-19 | BRACKETS THERMALLY ISOLATED ISSUE FOR CONSTRUCTION | 04-04-19 |
| 001 | DR | GB | 07-12-18 | SECOND ISSUE | 07-12-18 |
| 000 | SP | SP | 04-05-16 | FIRST ISSUE | 04-05-16 |
| No. | Intd | Intd | Date | | |
| Revision | Check | | Description | | Date |

Contract: KINGSCROSS S1

Architect: MOSSESIAN

| | |
|------------------|-----|
| Main Contractor: | DAM |
|------------------|-----|

Drawing: SOUTH ELEVATION GND - 2ND FLOOR
GENERAL SYSTEM DETAILS

| | |
|----------------------|------------------|
| Drawn By: SPatterson | Date: 04-05-2018 |
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| Scale: 1:5 @ A3 | MFL No.: 3135-612 |
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| DMS Code: | Revision: |
| KXC-S1-001-Y-3135-21-612 | 002 |

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|---------------------|------------------------------|
| DRAWING ISSUED FOR: | STATUS OF PREVIOUS RETURN |
|---------------------|------------------------------|

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| CONSTRUCTION | A (B) C - |
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