

01
02

DOOR ref: D04

DESIGN NOTE:

COLOUR CHANGE TO SW206G
RAL 9006 (METT SILVER) ON
GROUND FLOOR STICK
SYSTEMS - AS PER RFI-00137/
CRF-034 RESPONSE - 28.02.19

2mm THK ALUM INTERNAL CILL FLASHING.
FINISH: NATURAL SILVER ANODISED (EV1)
FIXED FROM BACK OF TRANSOM WITH
SCHUCO CLIPS 228 650.

INTERNAL FLOOR FINISHES
BY MAIN CONTRACTOR
REFER TO ARCHITECTS
DETAILS FOR FURTHER
INFORMATION.

INTERNAL F.F.L.
+26.450

S.S.L.
+26.250

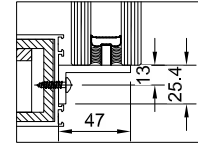
IMPORTANT

1. RC UPSTAND LEVEL :-
MAXIMUM TOLERANCE
FROM DESIGN LEVEL +/- 10mm
2. RC UPSTAND ALIGNMENT :-
MAXIMUM TOLERANCE
FROM DESIGN LINE = +/- 10mm

DEADLOAD ...kN
WINDLOAD ±...kN

SYSTEM JOINT
+29.480

ALUMINIUM ANGLE 50.8x25.4x4.76mm
THK (GRADE:6086-T6) TO BE CUT BACK
TO 47mm AND FIXED THROUGH
NOTCHED TRANSOM @ 150mm FROM
CENTRELINE OF SYSTEM JOINT; INTO
6mm REINFORCEMENT SLEEVE W/
D7981_ST4.8x19mm A4-70 SCREWS @
40mm CTS.



SCHUCO FW60+ SG CURTAIN WALL SYSTEM
250mm MULLION 336270
INSERT SLEEVE 336280
255mm TRANSOM 493690
COLOUR: SW206G 60microns CLASS 1 D1036
RAL 9006 (METT SILVER)

PERIMETER OF FRAME TO BE SEALED WITH
BEAD OF SILICONE SEALANT ~ Colour: GREY

20mm JOINT SEALED WITH BLACK DOWSIL 791
SEALANT ON CLOSED CELL BACKER ROD
DORMA ED250 SWING DOOR OPERATOR
(SEE 3135-TR007 FOR SPECIFICATION)

THRESHOLD PROFILE SCREW FIXED TO SYSTEM
FRAME WITH SCREW-ON GUIDE PLATE (218807) USING
CSK ST_4.8x30 A4-70 S/S SCREWS AND PACKED OUT
USING JOINT SEALING PIECE (268522)

M.F.L EPDM FIXED BETWEEN MULLIONS AND LEFT LONG
ENOUGH, FOLDED AROUND AND UNDER BRACKET; TO BE
OVERLAPPED AND BONDED TO FACE OF UPSTAND
EPDM NOTE:
ALL JOINT/OVERLAPS TO BE A MIN. 150mm & BONDED
WITH APOLLO CONTACT ADHESIVE TO MANUFACTURES
RECOMMENDATIONS

THRESHOLD SUPPORT BRACKET
FABRICATED FROM ALUMINIUM ANGLE
102x76x6mm THK FIXED TO BACK TO BACK
ALUMINIUM ANGLE 102x51x6 WITH
D933_M10x30 A4-70 BOLT, D125/127
FLAT/SPRING WASHERS, D934 M10 NUT AT
300mm CTS. FIXED TO UPSTAND WITH HILTI
HUS_H_M8x55mm SELF DRILL CONC
SCREWS @ 250mm CTS.

IMPORTANT

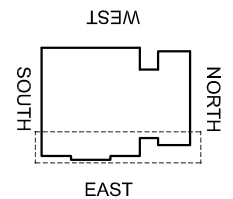
PBA EAI019 LEVEL ~ AS PER
PBA DWG/20227/117/112/02 - REV D
(RECEIVED 15/02/19)

IMPORTANT

ALL STRUCTURE HAS BEEN
CROSS-CHECKED WITH LATEST BIM MODEL

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
Halfen 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:	05/06/2018	

002	DR	GB	04-03-19	ALL COMMENTS RECEIVED - FOR CONSTRUCTION ISSUE	04-03-19
001	DR	GB	14-01-19	SECOND ISSUE	14-01-19
000	MJ	MJ	05-06-18	FIRST ISSUE	05-06-18
No.	Intd	Intd	Date		
Revision		Check		Description	Date

Revision	Check	Description	Date
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Contract: KINGSCROSS S1

Architect: MOSSESIAN

Main Contractor: BAM

Drawing: EAST ELEVATION GND FLOOR BAY STUDY
DETAILS

Drawn By: M.Jess Date: 05/06/2018

Scale: 1:5 @ A3 MFL No.: 3135-567

DMS Code: KXC-S1-001-Y-3135-21-567 Revision: 002

DRAWING ISSUED FOR: STATUS OF
PREVIOUS RETURN

CONSTRUCTION A B © -

McMullen Facades Limited
66 Lurgan Road, Moira,
Craigavon, Co. Armagh BT67 0LX
Tel: +44 (0) 28 9261 9688
Fax: +44 (0) 28 9261 9711
Email: design@mcmullenfacades.com

UPSTAND DETAIL

Scale: 1:5@A3