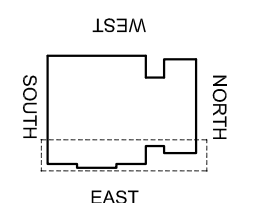


**CDM Regulations**

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 HBI 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	

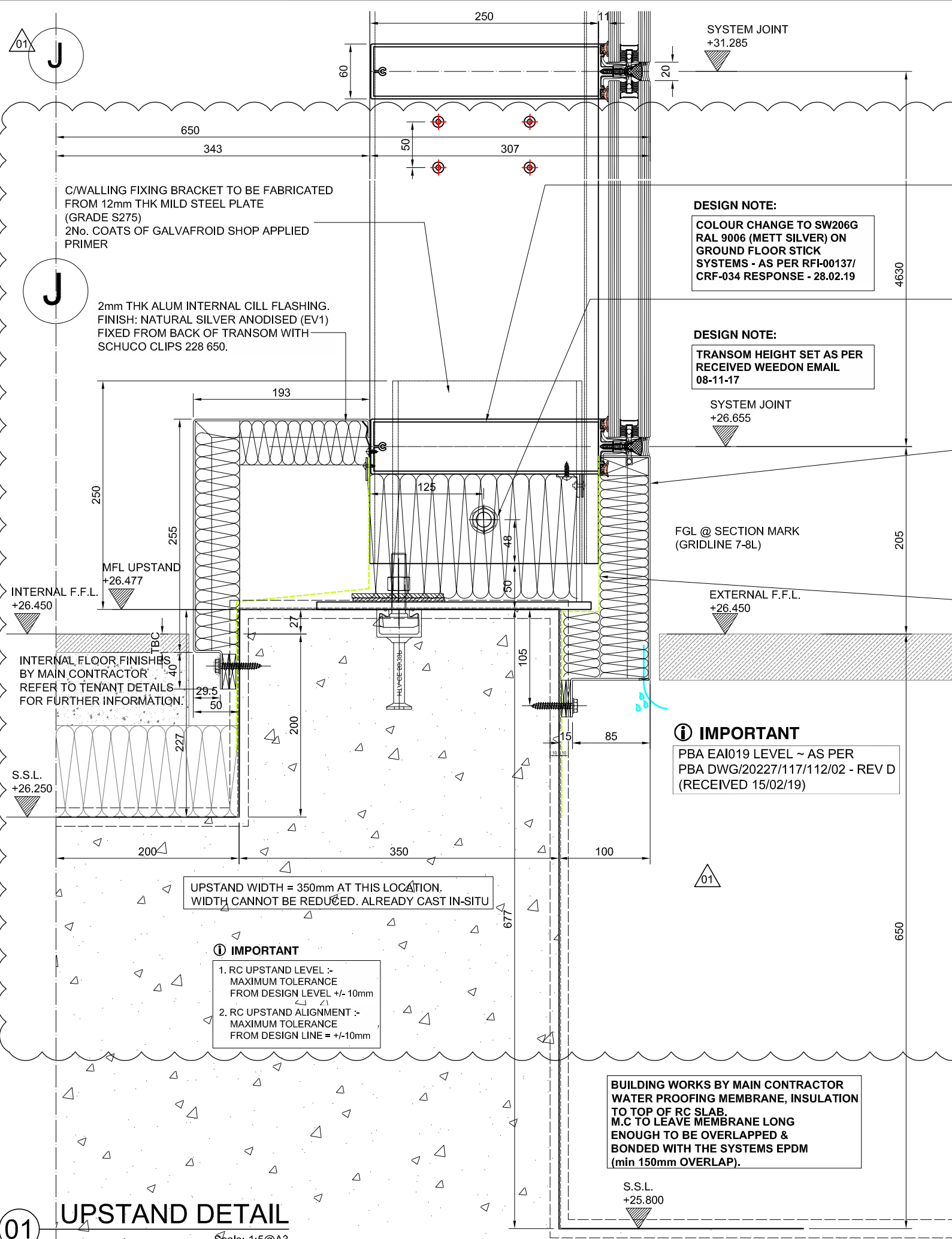
No.	Intd	Intd	Date	
002	DR	GB	04-03-19	ALL COMMENTS RECEIVED - FOR CONSTRUCTION ISSUE
001	DR	GB	14-01-19	SECOND ISSUE
000	MJ	MJ	05-06-18	FIRST ISSUE

Revision	Check	Description	Date

Contract: KINGSCROSS S1  
Architect: MOSSISSIAN  
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.: 3135-548  
DMS Code: KXC-S1-001-Y-3135-21-548 Revision: 002

DRAWING ISSUED FOR:	STATUS OF PREVIOUS RETURN
<b>CONSTRUCTION</b>	<b>A B © -</b>

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**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

**DESIGN NOTE:**  
TRANSOM HEIGHT SET AS PER RECEIVED WEEDON EMAIL 08-11-17

SYSTEM JOINT +31.285

SYSTEM JOINT +26.655

FGL @ SECTION MARK (GRIDLINE 7-8L)

EXTERNAL F.F.L. +26.450

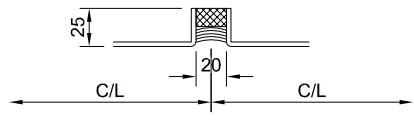
S.S.L. +25.800

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)  
C/WALLING FIXED TO BRACKET WITH:  
D933/M16x120mm A4 A4 S/STEEL SET BOLTS  
D125/M16 & D127/M16 A4 S/STEEL FLAT/SPRING WASHERS  
D934/M16 FULL HEAD A4 A4 S/STEEL NUTS  
Tightening Torque for M16 = 140Nm  
BRACKETS FIXED TO UPSTAND WITH:  
2No. HALFEN HS 50/30 -GV M16x50 8.8 T-BOLT  
2No. D934/M16 FULL NUT  
2No. D127 M16 SPRING WASHER  
2No. HW01 SERRATED WASHER PLATE  
BRACKETS ISOLATED FROM STEEL BEAMS WITH 0.75mm CORTEX 0750 EPDM.

2mm THK STAINLESS STEEL CILL FLASHING  
Grade 316 - Finish: SATIN  
6x100mm SLOTS SPACED ACROSS GLAZING EDGE TO TAKE SCHUCO CLIPS. FIXED BACK TO UPSTAND WITH HILTI HUS\_HR 6x35mm SELF DRIVE SCREW ANCHORS (Order No.: #290005)  
**INSTALLATION NOTE:** ANY FIXINGS THAT PENETRATE MEMBRANES MUST BE FULLY SEALED WITH SILICONE SEALANT

0.75mm CORTEX 0750 EPDM MEMBRANE GLAZED INTO BTM TRANSOM & DRESSED & BONDED OVER UPSTAND MEMBRANE  
EPDM NOTE:  
ALL JOINT/OVERLAPS TO BE A MIN. 150mm & BONDED WITH CORTEX 0775 CONTACT ADHESIVE TO MANUFACTURES RECOMMENDATIONS  
**SEE DESIGN NOTES FOR ISSUED TECHNICAL REPORT REFERENCE & NUMBER**

U/S OF TRANSOM & FACE OF UPSTAND TO BE FITTED WITH ROCKWOOL RWA45 INSULATION. IF REQ IDP INSULATION FASTENERS TO BE USED TO MANUFACTURES RECOMMENDATIONS  
0.7mm EPDM VAPOUR BARRIER FIXED & SEALED TO TRANSOM WITH USE OF 1.6mm THK MILL FINISH ALUM. VAPOUR BARRIER COVER PRESSING. FIXED WITH D7981/4.8x13mm A4 S/S SCREWS @ 300mm CTS AND BONDED TO FACE OF UPSTAND



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

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

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

**BUILDING WORKS BY MAIN CONTRACTOR WATER PROOFING MEMBRANE, INSULATION TO TOP OF RC SLAB. M.C TO LEAVE MEMBRANE LONG ENOUGH TO BE OVERLAPPED & BONDED WITH THE SYSTEMS EPDM (min 150mm OVERLAP).**