

# 01 Cill Detail @ G/L 2

Scale: 1:5@A3

SCHUCO VISS Ixtra LAZER WELDED BESPOKE STEEL C/WALLING S/G SYSTEM:  
MULLION & TRANSOM ~ Steel Grade S 275 J2  
COLOUR CHANGE TO SL804G RAL 7004 (MATT HR)  
ON GROUND FLOOR STICK SYSTEMS -  
AS PER RFI-00137/ CRF-034 RESPONSE 505 -  
18.03.19

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

0.75mm 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**

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 76x38x3mm ALUM ANGLE. FIXED TO CONC. 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

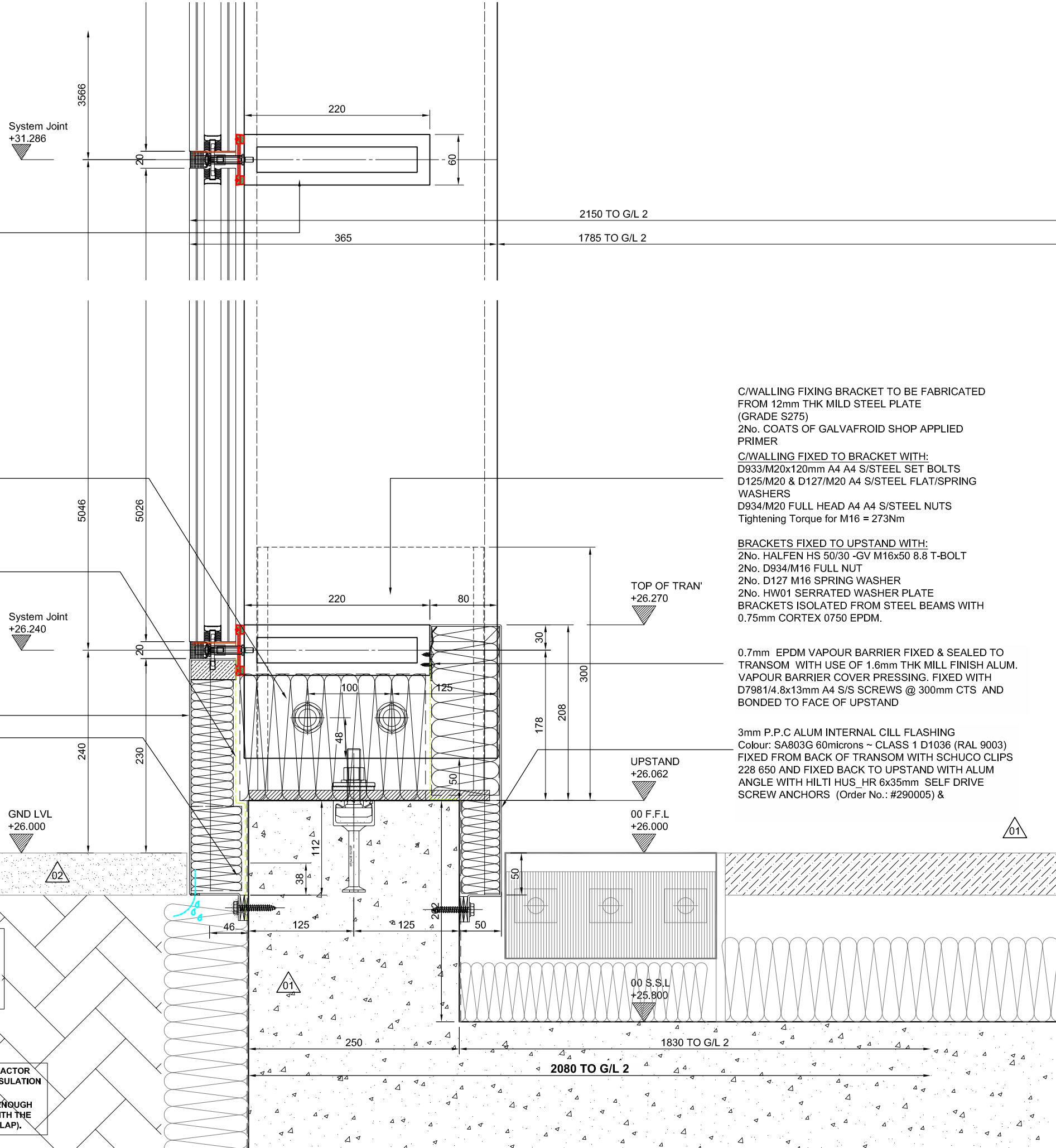
FGL 'VARIES' AT SECTION MARK  
GND LVL  
+26.000

## IMPORTANT

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

DEADLOAD 20kN  
WINDLOAD ±21kN

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).



C/WALLING FIXING BRACKET TO BE FABRICATED FROM 12mm THK MILD STEEL PLATE (GRADE S275)  
2No. COATS OF GALVAFROID SHOP APPLIED PRIMER  
C/WALLING FIXED TO BRACKET WITH:  
D933/M20x120mm A4 A4 S/STEEL SET BOLTS  
D125/M20 & D127/M20 A4 S/STEEL FLAT/SPRING WASHERS  
D934/M20 FULL HEAD A4 A4 S/STEEL NUTS  
Tightening Torque for M16 = 273Nm

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.

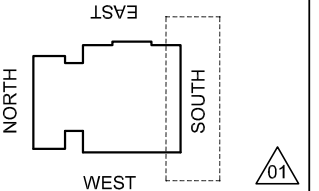
0.7mm EPDM VAPOUR BARRIER FIXED & SEALED TO TRANSOM WITH USE OF 1.6mm THK MILL FINISH ALUM. VAPOUR BARRIER COVER PRESSING. FIXED WITH D7981/4.8x13mm A4 S/S SCREWS @ 300mm CTS AND BONDED TO FACE OF UPSTAND

3mm P.P.C ALUM INTERNAL CILL FLASHING  
Colour: SA803G 60microns ~ CLASS 1 D1036 (RAL 9003)  
FIXED FROM BACK OF TRANSOM WITH SCHUCO CLIPS 228 650 AND FIXED BACK TO UPSTAND WITH ALUM ANGLE WITH HILTI HUS\_HR 6x35mm SELF DRIVE SCREW ANCHORS (Order No.: #290005) &

## CDM Regulations

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

HEALTH & SAFETY REVIEW REQUIRED IN ACCORDANCE WITH CDM REGULATIONS



## 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:	04-05-2018	

## THERMAL REPORT FOR GROUND FLOOR SOUTH ISSUED 25/01/2019 (KXC-S1-001-Y-3135-904-TR203)

003	GC	GB	04-04-19	COLOUR CHANGE ISSUE FOR CONSTRUCTION	04-04-19
002	CC	CC	26-02-19	EXTERNAL LEVEL AMENDED 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

Revision	Check	Description	Date
Contract:		KINGSCROSS S1	
Architect:		MOSSESSIAN	
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.:	3135-605
DMS Code:	KXC-S1-001-Y-3135-21-605	Revision:	003
DRAWING ISSUED FOR:		STATUS OF PREVIOUS RETURN	
CONSTRUCTION		A B C -	

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