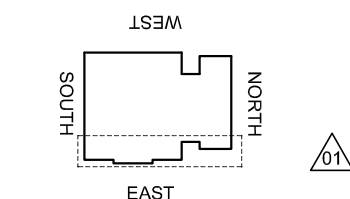


CDM Regulations

| Hazards | Date Added | Date Revisited | 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
Date: 05/06/2018
Internal Quality Check

| No. | Intd | Date | Description |
|-----|------|----------|--|
| 002 | DR | 01-04-19 | ALL COMMENTS RECEIVED - FOR CONSTRUCTION ISSUE |
| 001 | DR | 14-01-19 | SECOND ISSUE |
| 000 | 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.: 3135-541 | |
| DMS Code: KXC-S1-001-Y-3135-21-541 | | Revision: 002 | |
| DRAWING ISSUED FOR: CONSTRUCTION | | STATUS OF PREVIOUS RETURN: A B © - | |

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DESIGN NOTE:
COLOUR CHANGE TO SL804G RAL 7004 (MATT HR) ON GROUND FLOOR STICK SYSTEMS - AS PER RFI-00137/ CRF-034 RESPONSE 505 - 18.03.19

2mm THK ALUM INTERNAL CILL FLASHING FINISH: CLASS 1 INTERPON D1036 SL804G RAL 7004 (MATT HR) FIXED FROM BACK OF TRANSOM WITH SCHUCO CLIPS 228 650.

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

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.

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

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 32x32x3mm ALUM ANGLE. FIXED TO CONC. WITH HILTI HUS_HR 6x35mm SELF DRIVE SCREW ANCHORS (Order No.: #290005)

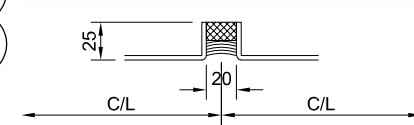
INSTALLATION NOTE: ANY FIXINGS THAT PENETRATE MEMBRANES MUST BE FULLY SEALED WITH SILICONE SEALANT

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 3mm 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



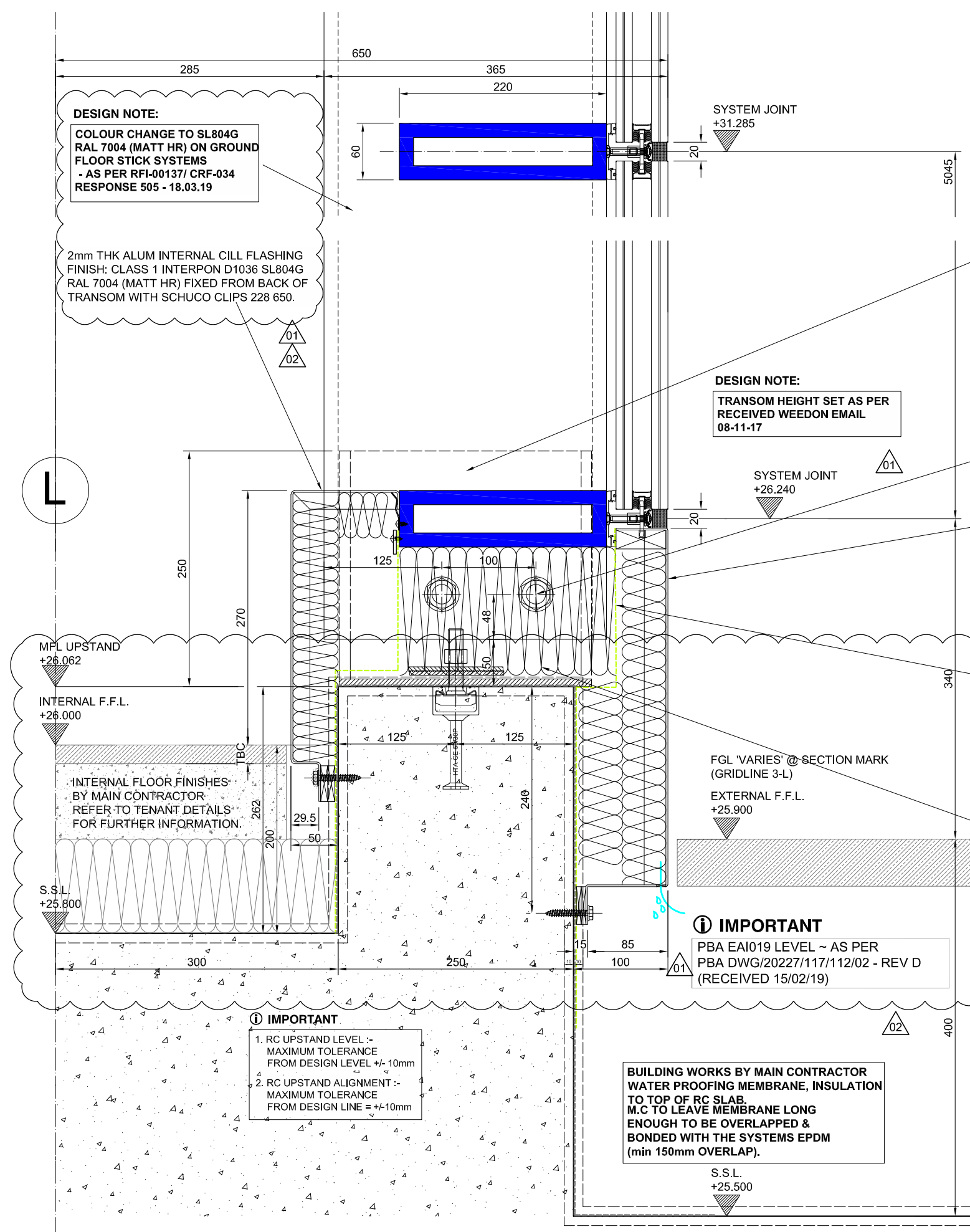
CILL PRESSING JOINT. 20mm TO MATCH GLAZING SYSTEM. SEALED WITH BLACK SILICONE SEALANT ON CLOSED CELL 30mmØ BACKER ROD

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

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).

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

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



01 UPSTAND DETAIL
Scale: 1:5@A3