01 Typical Stone Section

Scale: 1:5@A3

SLAB BRACKETS:
EXTRUDED ALUM. SECTION ref: EX-P-19021
FIXED TO CHANNELS WITH HALFEN HBC-C-N M16x60 8.8 F T BOLT inc M16 NUT & HW01 SERRATED WASHER PLATE.
JACKING SCREWS D913/M10x70mm
BRACKET SIZE AND FIXING QTY IS DEPENDANT UPON LOCATION & DETAIL.

UNIT FIXED BRACKETS:
EXTRUDED ALUM HOOK BRACKET EX-P-19020
inc ALL BRACKET ATTACHMENTS ARE FACTORY FITTED WITHIN UNIT FABRICATION

SITE INSTALLED HORIZONTAL GASKETRY TO BE INSTALLED & SEALED IN ACCORDANCE TO HUECK SYSTEM MANUALS

TYPE 1 THERMALLY BROKEN UNITISED FRAME
DUAL COLOUR SECTIONS:
INTERNAL: SA803G 60microns CLASS 1 D1036 (RAL 9003)
EXTERNAL: SN805G 60microns CLASS 1 D1036 (RAL 9005)

ALUMINIUM RAILS FIXED THROUGH 2mm THK P.P.C ALUMINIUM OUTER SHEET.
SN805G 60microns CLASS 1 D1036 (RAL 9005)
RAILS FIXED INTO SUPPORT SECTIONS 547760 WITHIN TYPE 1 UNITISED FRAME WITH SX6_12-S16-5.5x32 SELF DRILLING SCREWS.

RAILS: BLACK ANODISED EV6 ~ 25microns

50mm ARMENIAN TUFF STONE
SECURED TO EXTRUDED ALUMINIUM RAILS USING KURF NOTCHES CUT INTO THE TOP & BTM OF THE CUT PANEL.

KERF CUT TO BE INJECTED WITH BLACK CT1 SEALANT PRIOR TO THE STONE PANEL BEING SET ONTO THE RAIL

F-TAPE-159 30x9mm TO BE APPLIED AS SHOWN ACROSS THE FULL WIDTH OF THE RAILS.

FACTORY FITTED ROCKWOOL SEMI RIGID RWA45 LOOSE FILL INSULATION

0.75mm CORTEX 0750 EPDM MEMBRANE GLAZED INTO BTM TRANSOM & DRESSED & BONDED OVER UPSTAND MEMBRANE

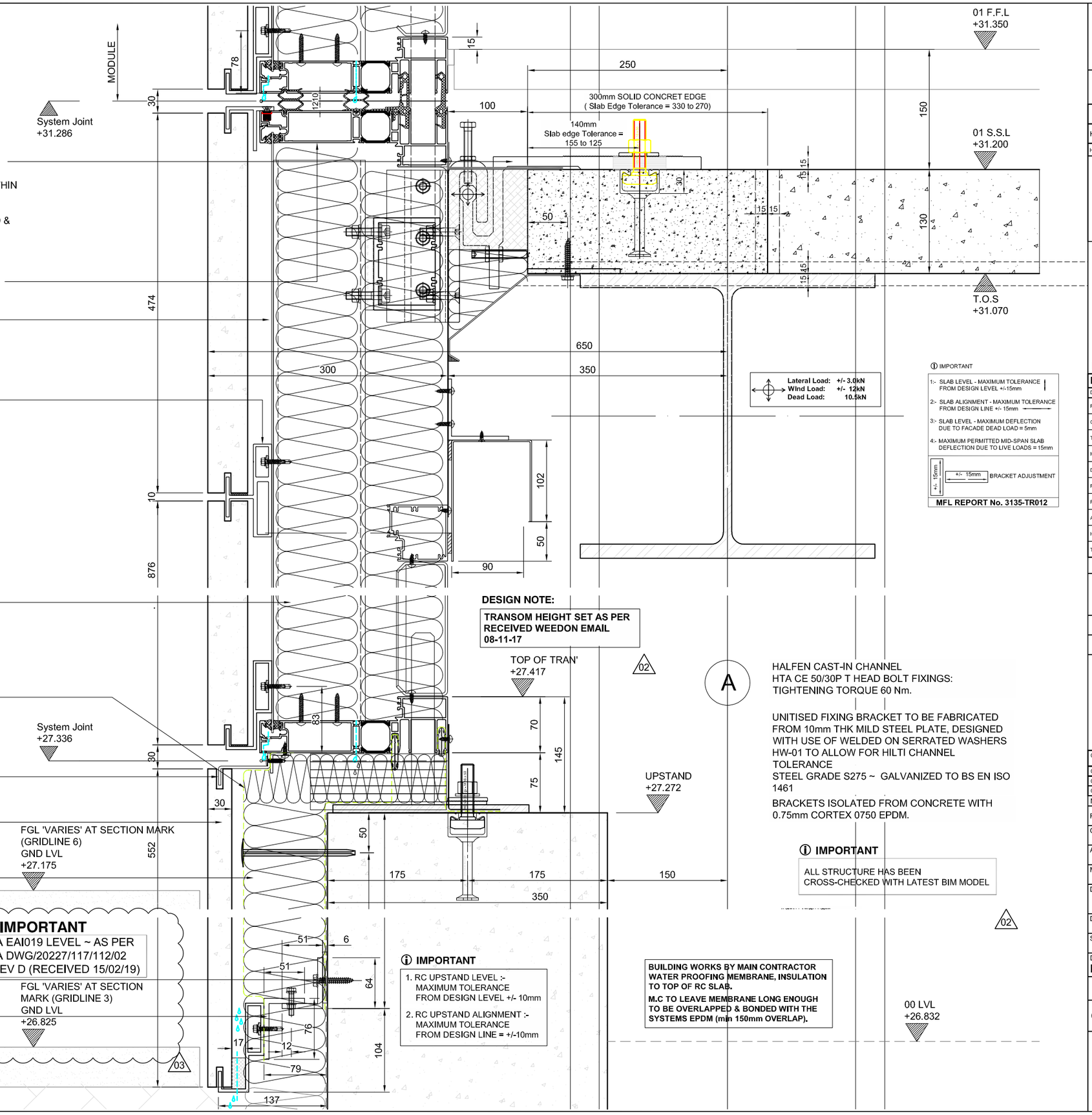
EPDM NOTE:
ALL JOINT/OVERLAPS TO BE A MIN. 150mm & BONDED WITH CORTEX 0775 CONTACT ADHESIVE TO MANUFACTURES RECOMMENDATIONS
SEE DESIGN NOTES FOR ISSUED TECHNICAL REPORT REFERENCE & NUMBER

3mm CONTINUOUS ALUM PRESSING ANODISED EV6 (25microns) BONDED WITH SOLID EDGE PACKER AND GLAZED INTO SYSTEM AS SHOWN (SAME AS BUILDING S2)

30mm THICK NERO ASSOLUTO BLACK GRANITE CLADDING PANEL

ROCKWOOL RWA45 INSULATION PACKED INTO VOID BEHIND FLASHING. AS SHOWN INSULATION TO BE FRONT COVERED BY EPDM TO PREVENT ABSORPTION OF WATER. IF REQ IDP INSULATION

BOTTOM STONE RAIL SC-004 FIXED TO BACK TO BACK ALUMINIUM ANGLE WITH SX6_12-S16-5.5
SUPPORT FIXING ANGLES:
64x51x6mm ANGLE FIXED TO UPSTAND WITH HILTI_HUS_H_6x45mm CONC. SCREWS 50mm FROM EACH END & NMT 200mm CTS. STRIPS OF 6mm THK NYLON PACKERS WITH 50mm DRAINAGE GAPS
76x51x6mm ANGLE FIXED WITH D933/M6x30mm A4 S/S SET BOLTS inc D127/D125 A4 S/S WASHERS & D934/M6 A4 S/S NUTS.
INSTALLATION NOTE: ANY FIXINGS THAT PENETRATE MEMBRANES MUST BE FULLY SEALED WITH SILICONE SEALANT

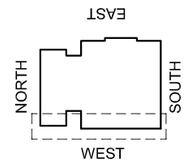


JRL McMULLEN

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 fir Hilti 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: SPATTERSON
Date: 04-05-2018
Internal Quality Check

No.	Intd	Intd	Date		
003	DR	GB	28/02/19	ALL COMMENTS RECEIVED - FOR CONSTRUCTION ISSUE	28/02/19
002	DR	GB	19/12/18	THIRD ISSUE	19/12/18
001	SP	SP	20/07/18	ALL COMMENTS RECEIVED	20/07/18
000	SP	SP	04-05-18	FIRST ISSUE	04-05-18

Revision | Check | Description | Date

Contract: KINGSCROSS S1
Architect: MOSSESSIAN
Main Contractor: BAM
Drawing: WEST ELEV. GND FLOOR BAY STUDY DETAILS
Drawn By: SPatterson
Date: 05/04/18
Scale: 1:5 @ A3
MFL No.: 3135-517
DMS Code: KXC-S1-001-Y-3135-21-517
Revision: 003
DRAWING ISSUED FOR: CONSTRUCTION
STATUS OF PREVIOUS RETURN: A B C -

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