

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**

HORIZONTAL FIRE STOP & SMOKE BARRIER
 100mm ROCKWOOL RW3 INSULATION FITTED
 UNDER 33% COMPRESSION INTO POSITION. HILTI
 CFS-SP-WB FIRESTOP SPRAY TO BE APPLIED ON TOP
 SURFACE OF INSULATION. SPRAY 3mm THICK WITH A
 MINIMUM OF 13mm OVERLAP UNTO ADJOINING
 STRUCTURES.
 I.E.. UNITISED / RC

**2mm GALVANIZED STEEL PRESSING SEALED
 WITH SILGLAZE N SCREWED TO TOP OF SLAB
 WITH HILTI HUS_HR 6x35mm SELF DRIVE SCREW
 ANCHORS (Order No.: #290005)**

**0.9mm GALVANIZED STEEL BACKING SHEET FIXED/SEALED
 AROUND SYSTEM WITH D7981/4.2x13mm SCREWS @ 50mm
 FROM EACH CORNER & APPROX 250mm CTS.**

**ALUMINIUM RAILS FIXED THROUGH 2mm THK P.P.C
 ALUMINIUM OUTER SHEET.
 Colour: YN205E 60microns ~ CLASS 2 D2525
 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.**

TYPE 1 THERMALLY BROKEN UNITISED FRAME
 DUAL COLOUR SECTIONS:
 INTERNAL: SA803G 60microns ~ CLASS 1 D1036
 EXTERNAL: YN205E 60microns ~ CLASS 2 D2525
 FACE CAPS: Silver Anodised ~ 25 microns

BLIND BOX FABRICATED FROM 2mm P.P.C ALUM
 Colour: Ral 9006 Matt 60microns INTERPON D CLASS 1
 SITE FIXED AND SEALED TO ANGLE WITH D7981/4.8x16mm A4
 S/S SELF TAPPERS 50mm FROM ENDS & EQUALLY SPACED
 @ NMT 250mm CTS AND 2x6mm THK VHB TAPE.
 75x75x5mm ALUM ANGLE FACTORY FIXED TO FRAME WITH
 D7981/4.8x16mm. END SCREWS FIXED INTO UNITISED FRAME
 ONLY.

**KERF CUT TO BE INJECTED WITH BLACK CT1 SEALANT
 PRIOR TO THE STONE PANEL BEING SET ONTO THE
 RAIL
 PLEASE UNSURE SEALANT DOES NOT SEEP BEYOND
 BTM OF STONE OR ONTO THE RAILS**

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

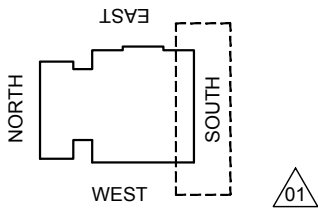
**FACTORY FITTED ROCKWOOL SEMI RIGID RWA45 LOOSE
 FILL INSULATION**

01 Type 1 Section
 Scale: 1:5@A3



CDM Regulations

Hazards	Date Assesed	Date Mitigatd	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 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	Internal Quality Check
Date:	02-05-2018	

No.	Intd	Intd	Date	
002	DM	GB	22/02/18	ISSUED FOR CONSTRUCTION 22/02/18
001	SP	SP	23/08/18	ALL COMMENTS RECEIVED 23/08/18
00	SP	SP	09-05-18	FIRST ISSUE 09-05-18

Revision	Check	Description	Date

Contract: KINGS CROSS S1

Architect: MOSSESIAN

Main Contractor: BAM

Drawing: TYPICAL TYPE 1 BAY STUDY ELEVATIONS, SECTIONS & DETAILS

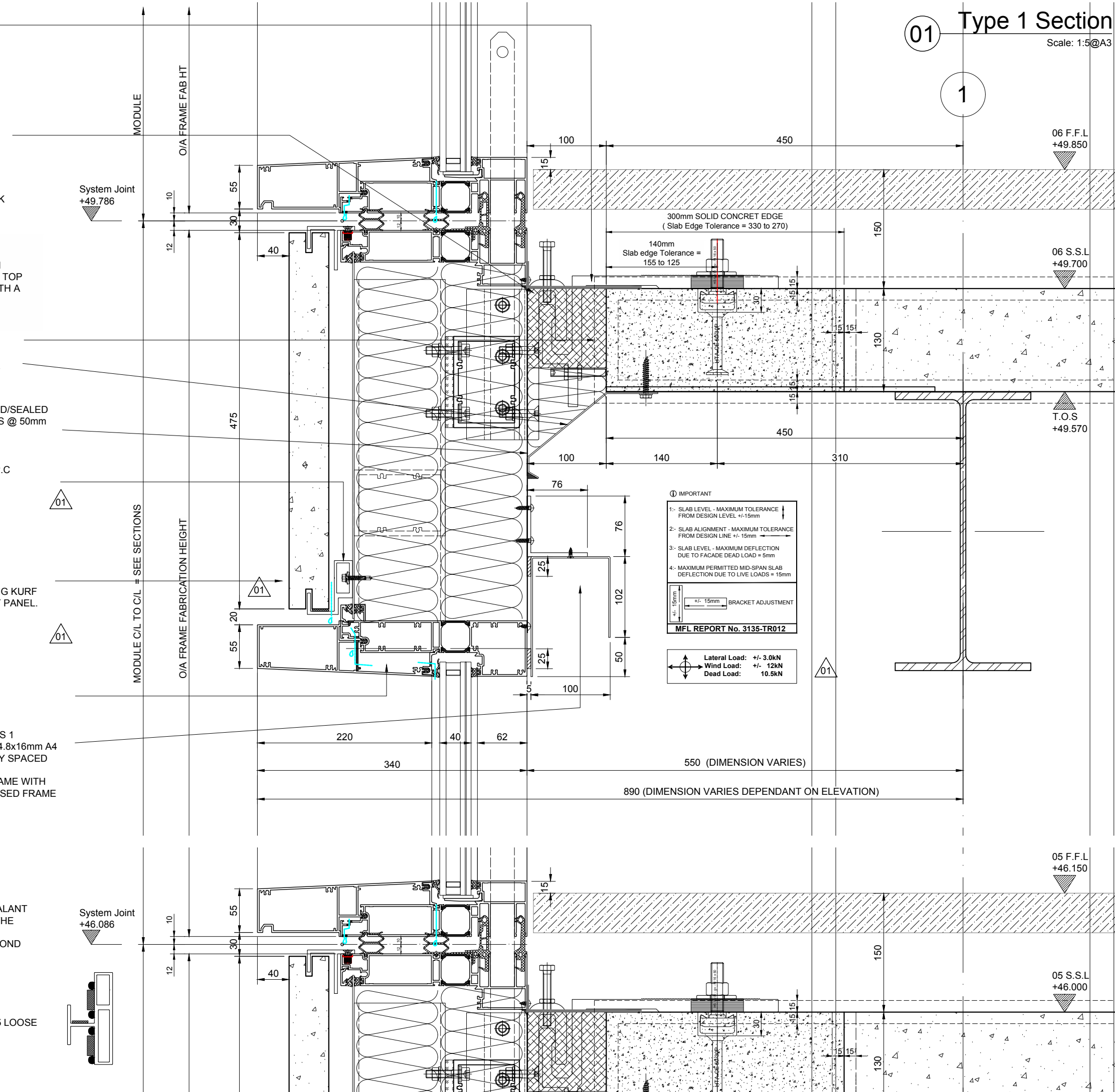
Drawn By: SPatterson Date: 02-05-2018

Scale: 1:5 @ A3 MFL No.: 3135-700

DMS Code: KXC-S1-001-Y-3135-700 Revision: 002

DRAWING ISSUED FOR: CONSTRUCTION STATUS OF PREVIOUS RETURN: A B C -

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IMPORTANT

- 1- SLAB LEVEL - MAXIMUM TOLERANCE FROM DESIGN LEVEL +/- 15mm
- 2- SLAB ALIGNMENT - MAXIMUM TOLERANCE FROM DESIGN LINE +/- 15mm
- 3- SLAB LEVEL - MAXIMUM DEFLECTION DUE TO FACADE DEAD LOAD = 5mm
- 4- MAXIMUM PERMITTED MID-SPAN SLAB DEFLECTION DUE TO LIVE LOADS = 15mm

MFL REPORT No. 3135-TR012

BRACKET ADJUSTMENT +/- 15mm

Lateral Load: +/- 3.0kN
 Wind Load: +/- 12kN
 Dead Load: 10.5kN