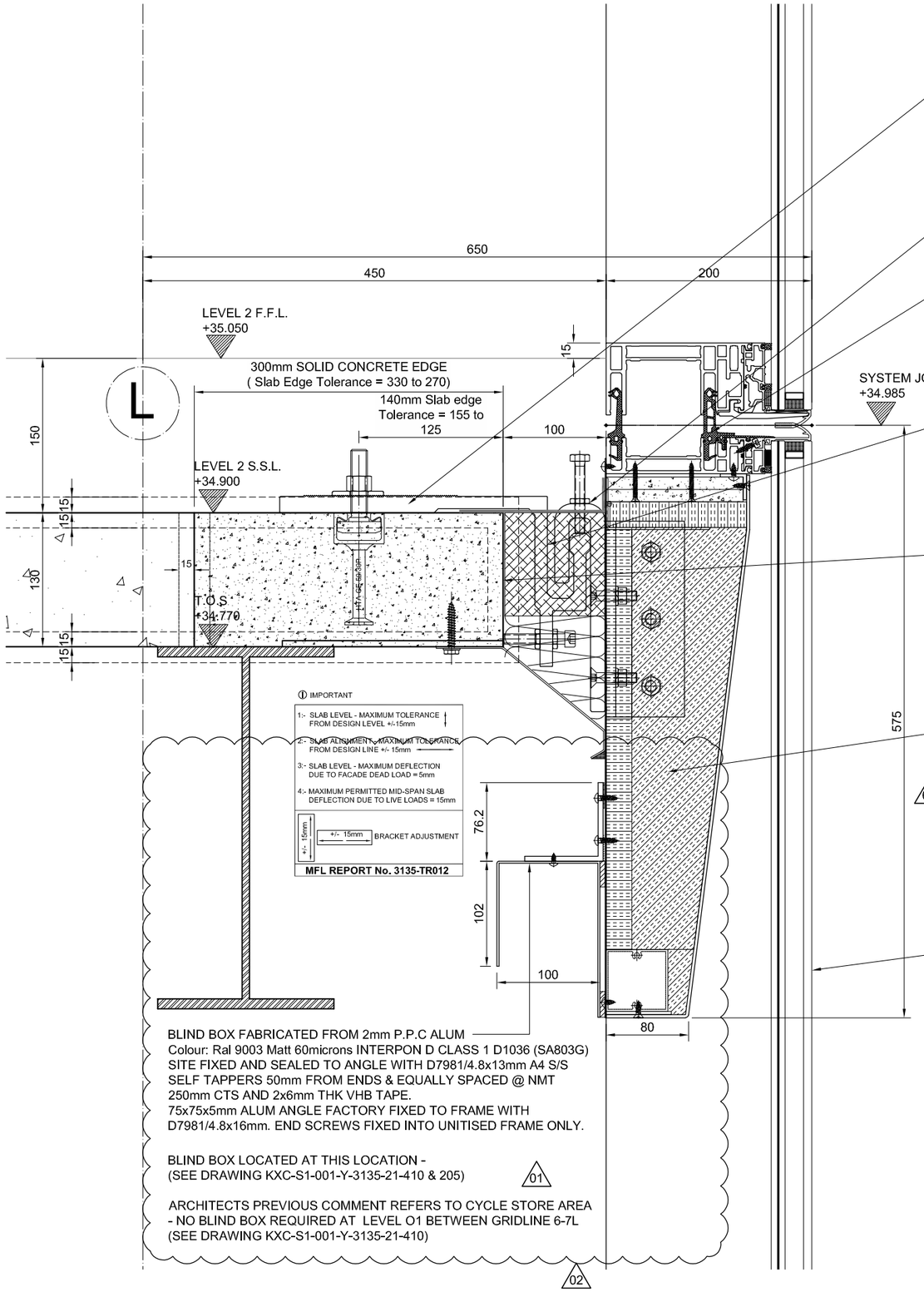


SLAB BRACKETS:
EXTRUDED ALUM. SECTION ref: EX-P-19021
FIXED TO CHANNELS WITH HALFEN HBC-C-N
M16x60 8.8 F T BOLT inc M16 NUT & HW01
SERRATED WASHER PLATE.
JACKING SCREWS D913/M10x70mm
BRACKET SIZE AND FIXING QTY IS DEPENDANT
UPON LOCATION & DETAIL.

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.

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)

2X12MM THK HIGH DENSITY
CALCIUM SILICATE FIRE BOARDS (1200kg/m3)
SIDERISE 25MM CW-FB BOARD SUPPORTED
WITH 2MM THK STEEL PRESSING SECURED
TO INNER SHEET
3MM THK ALUMINIUM BULKHEAD
FINISH: SILVER ANODISED ~ 25microns
25mm THK SIDERISE CW-FB BOARD TO BE
RETAINED TO INNER GALV SHEET WITH 2HR
FIRE RESISTANT SILICONE SEALANT
INFILL WITH NEXUS LAMELLA BOARDS @
124Kg/m3 FIRE CLASSIFICATION - A1

G3 - TYPE 2 VISION SG ~ 39.5mm THK - 54Kgs/m2

OUTER LEAF: 8mm HEAT STRENGTHENED CLEARLITE IPASOL LIGHT GREY 60 / 33 COATING ON SURFACE 2 EDGE WORK - ARISSED

CAVITY: 18mm CAVITY, BLACK CHROMATECH ULTRA STAINLESS STEEL SPACER BAR, ARGON FILLED, 10mmm DC3362 EDGE SEAL

INNER LEAF: 13.5mm HEAT STRENGTHENED LAMINATE (6/1.5/6) CLEARLITE with a 25mm SOLID CERAMIC BOARDER FRIT ON SURFACE #3 (RAL 9005) EDGE WORK - ARISSED

GLASS TYPE - (AS PER CUT SECTION) - SEE DRAWING KXC-S1-001-Y-21-410 & 205

02

BLIND BOX FABRICATED FROM 2mm P.P.C ALUM
Colour: Ral 9003 Matt 60microns INTERPON D CLASS 1 D1036 (SA803G)
SITE FIXED AND SEALED TO ANGLE WITH D7981/4.8x13mm 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.

BLIND BOX LOCATED AT THIS LOCATION -
(SEE DRAWING KXC-S1-001-Y-3135-21-410 & 205) 01

ARCHITECTS PREVIOUS COMMENT REFERS TO CYCLE STORE AREA
- NO BLIND BOX REQUIRED AT LEVEL O1 BETWEEN GRIDLINE 6-7L
(SEE DRAWING KXC-S1-001-Y-3135-21-410)

01

SLAB EDGE DETAIL

Scale: 1:5@A3

ⓘ IMPORTANT

ALL STRUCTURE HAS BEEN
CROSS-CHECKED WITH LATEST BIM MODEL

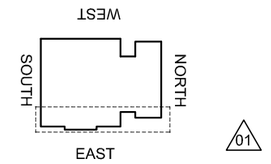
01

JRL McMULLEN

CDM Regulations

Hazards	Date Added	Date Mitigated	Risk Assessment Date
HEAVY GLASS ~ LOADS INDICATED ⚠1	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:	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	04-03-19
001	DR	GB	14-01-19	SECOND ISSUE	14-01-19
000	MJ	MJ	05-06-18	FIRST ISSUE	05-06-18

Revision	Check	Description	Date

Contract: KINGSCROSS S1

Architect: MOSSESSIAN

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.: 3135-542

DMS Code: KXC-S1-001-Y-3135-21-542 | Revision: 002

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