

01 Corner Detail lvl 00
Scale: 1:5@A3

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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 UNITSISED FRAME WITH
SX6 12-S16-5.5x32 SELF DRILLING SCREWS.

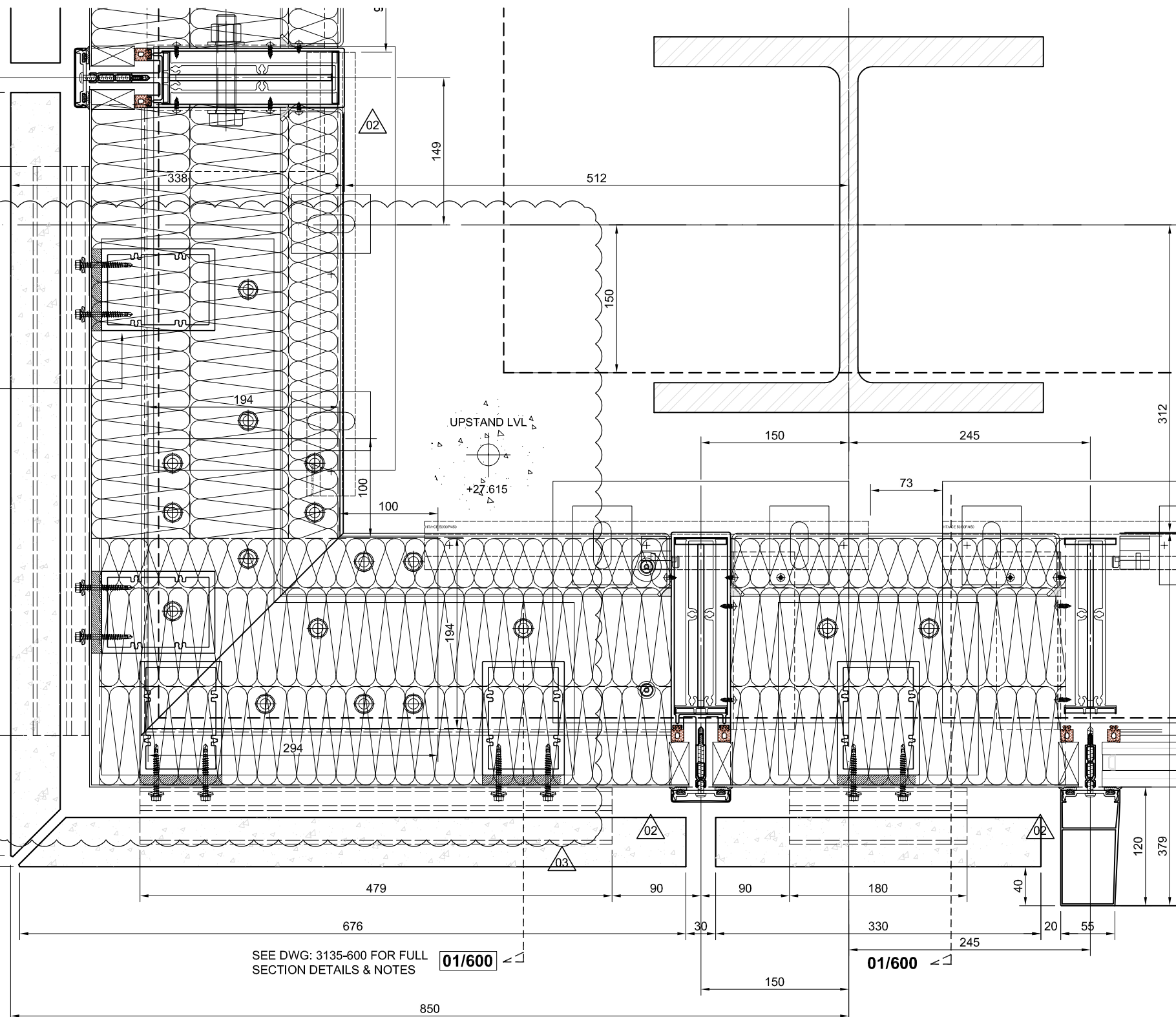
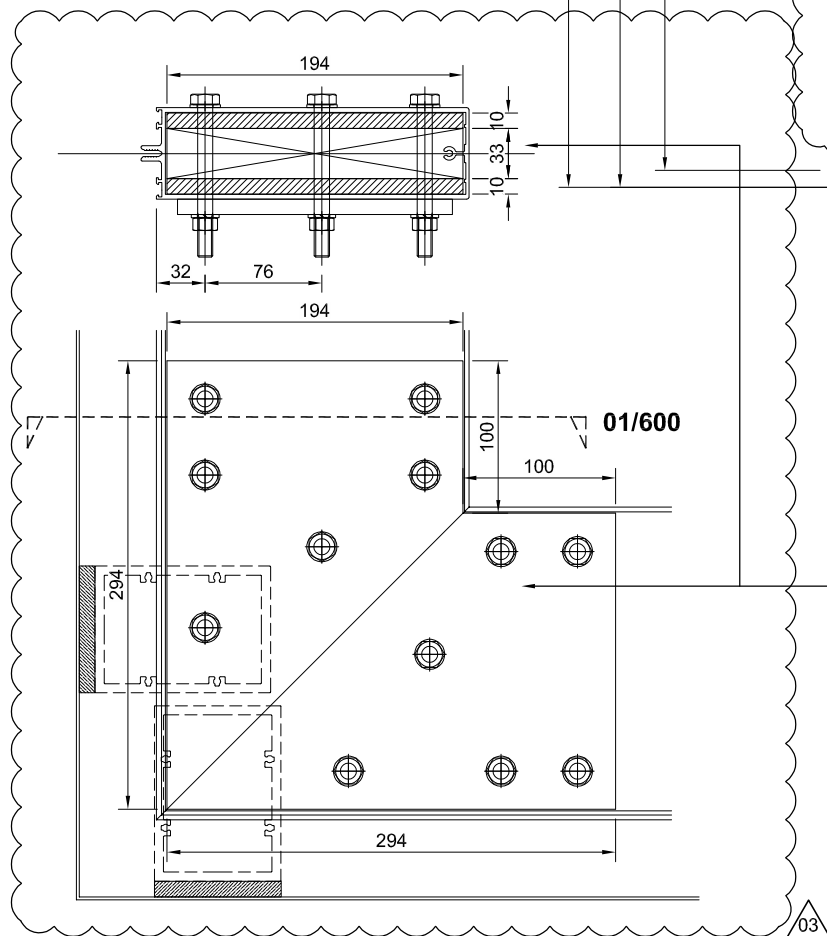
RAILS: BLACK ANODISED EV6 ~ 25microns

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
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



CORNER PLATES:
2x10mm ALUM PLATE WITH PVC
SEPARATION BLOCK. FIXED WITH
D931_M10x100mm A4 BOLTS AS PER
DETAIL.

ⓘ IMPORTANT

ALL STRUCTURE HAS BEEN
CROSS-CHECKED WITH LATEST BIM MODEL

C/WALLING FIXING BRACKET TO BE FABRICATED
FROM 12mm THK MILD STEEL PLATE
(GRADE S275)
2No. COATS OF GALVAFROID SHOP APPLIED
PRIMER

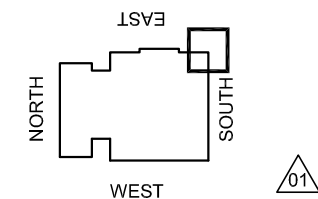
C/WALLING FIXED TO BRACKET WITH:
D933/M20x100mm A4 S/STEEL SET BOLTS
D125/M20 & D127/M20 A4 S/STEEL FLAT/SPRING
WASHERS
D934/M20 FULL HEAD A4 S/STEEL NUTS
Tightening Torque for M16 = 273Nm

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 CONCRETE WITH
0.75mm CORTEX 0750 EPDM.

CDM Regulations

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



KEY PLAN

DESIGN NOTES: Technical Report list:

DOCUMENT TITLE:	Doc Number:	CONNECT Number
Facade Design & Glass Risk Assessment	3135-TR003	KXC-S1-001-Y-21-TR
Glass Technical report	3135-TR004	KXC-S1-001-Y-21-TR
Technical data for HRI fire stop details	3135-TR005	KXC-S1-001-Y-21-TR
Material data sheet report	3135-TR006	KXC-S1-001-Y-21-TR
Door schedule & Operation Information	3135-TR007	KXC-S1-001-Y-21-TR
Facade Airborne Acoustic report	3135-TR008	KXC-S1-001-Y-21-TR
Facade Vertical & Horizontal Acoustic report	3135-TR009	KXC-S1-001-Y-21-TR
Accommodation of structural movement	3135-TR012	KXC-S1-001-Y-21-TR
Halfen channel & Slab edge design	3135-TR013	KXC-S1-001-Y-21-TR
Thermal Safety Check on Glass	3135-TR022	KXC-S1-001-Y-21-TR

DO NOT SCALE : IF IN DOUBT ASK!



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Signed:	SPATTERSON	Internal Quality Check
Date:	04-05-2018	

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
No.	Intd	Intd	Date		
Revision	Check		Description		Da

Contract:	KINGSCROSS S1
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Architect: MOSSESIAN

Main Contractor:	RAM
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Drawing: WEST ELEV. GND FLOOR BAY STUDY
DETAILS

Drawn By: SPatterson	Date: 05/04/18
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Scale: 1:5 @ A3	MFL No.: 3135-522
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DMS Code:	Revised
KCX-S1-001-Y-3135-21-522	003

DRAWING ISSUED FOR:	STATUS OF PREVIOUS RETURN

CONSTRUCTION	A (B) C -
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