

01

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STEEL SUPPORT BRACKET FIXED TO STEELWORK USING
DIN931 M20X100 BOLTS
DIN934 M20 NUTS
D125 M20 WASHERS
TIGHTENING TORQUE FOR M20 = 273NM

HEAD AND MID TRANSOM - 100x100x6 SHS
WELDED TO 15mm MILD STEEL PLATE THEN
FIXED TO STEEL SUPPORT USING D7991
M16x50 C/SUNK BOLTS, DIN125 M16
WASHERS, DIN934 M16 NUTS.
ACCESS HOLES REQUIRED ON OPP FACE

FABRICATED 6mm MILD STEEL BRACKET
FIXED TO STEEL SUPPORT WITH
DIN933 M12X180 BOLTS
DIN125 M12 WASHERS
DIN934 M12 NUTS
TIGHTENING TORQUE FOR M12 = 57NM

3mm OUTER ALUMINIUM FLASHING FIXED TO
INNER SUPPORT STEELWORK / BUILDUP USING
DIN7981 4.8x25 SCREWS AND FINISHED USING
CURTAIN WALLING FILLER STRIPS

INTERNAL CLADDING
PPC RAL 9006

HEAD AND MID TRANSOM - 100x100x6 SHS
WELDED TO 15mm MILD STEEL PLATE
THEN FIXED TO 150x75x10 MILD STEEL
ANGLES USING D933 M16x55 BOLTS,
DIN125 M16 WASHERS, DIN934 M16 NUTS.
ANGLES FIXED TO STRUCTURE USING
D933 M16x90 BOLTS, DIN125 M16
WASHERS, DIN934 M16 NUTS.

FABRICATED 6mm MILD STEEL BRACKET
FIXED TO STEEL COLUMN WITH
DIN933 M12X90 BOLTS
DIN125 M12 WASHERS
DIN934 M12 NUTS
TIGHTENING TORQUE FOR M12 = 57NM

CONCRETE UPSTAND

19x19x1.6 ALUM BOX FIXED TO STEEL
BRACKET USING D7504P 4.8x32 SELF
DRILLING C/SUNK SCREW - 4mm
ADHESIVE TAPE APPLIED TO ALUM
BOX

PVC BOX
G12 - PROJECT GLASS

VOID FILLED WITH ROCKWOOL RWA45
INSULATION

448633 ALUM ANGLE FIXED
TO STEELWORK USING
DIN931 M16x90 BOLTS
DIN934 M16 NUTS
D125 M16 WASHERS
HW-01 SERRATED WASHER
TIGHTENING TORQUE FOR M20 = 273NM

BACK TO BACK 448633 ALUM
ANGLES FIXED WITH
DIN931 M10x50 BOLTS
DIN934 M10 NUTS
D125 M10 WASHERS
D127 M10 SPRING WASHER

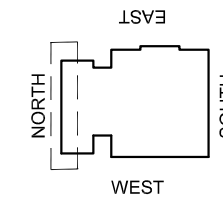
547760 ALUM BOX FIXED WITH
DIN931 M10x40 BOLTS
DIN934 M10 NUTS
D125 M10 WASHERS
D127 M10 SPRING WASHER
CLEARANCE HOLES REQUIRED ON OPP FACE

3mm OUTER FLASHING FIXED TO
STRUCTURE WITH DIN7981 4.8x32
SCREWS @ 300 CENTRES -
FINISHED USING CURTAIN WALLING
FILLER STRIPS (SILVER ANODISED)

0.7mm THICK EPDM MEMBRANE GLAZED
INTO CURTAIN WALLING SYSTEM
ALL JOINT/OVERLAPS TO BE A MIN. 150MM
& BONDED WITH APOLLO CONTACT
ADHESIVE

EXTERNAL CLADDING
SILVER ANODISED

JRL
McMULLEN



KEY PLAN

MAIN STEEL STRUCTURE & UPSTAND
POSITION VERIFIED VIA BIM MODEL
(17/12/18)

THERMAL REPORT FOR GROUND
FLOOR NORTH ISSUED 11/01/2019
(KXC-S1-001-Y-3135-904-TR202)

DO NOT SCALE : IF IN DOUBT ASK!

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Signed: G. Benson
Date: 17/12/18
Internal
Quality Check

002 CC CC 03-01-19 BOLT SIZE REDUCED 03-01-19

001 CC CC 11-12-18 UPDATED FOR SCR-05 & COMMENTS 11-12-18

000 MJ MJ 20-06-18 FIRST ISSUE 20-06-18

No. Intd Intd Date

Revision Check Description Date

Contract: KINGS CROSS S1

Architect: MOSSESIAN

Main Contractor: BAM

Drawing: NORTH ELEVATION GND

ELEVATIONS, SECTIONS, PLANS & DETAILS

Drawn By: M.Jess Date: 20/06/2018

Scale: 1:5 @ A3 MFL No.: 3135-649

DMS Code: KXC-S1-001-Y-3135-21-649 Revision: 002

DRAWING ISSUED FOR: STATUS OF PREVIOUS RETURN

CONSTRUCTION A B C -

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COLUMN CLADDING DETAIL - NORTH ELEVATION

Scale: 1:5@A3