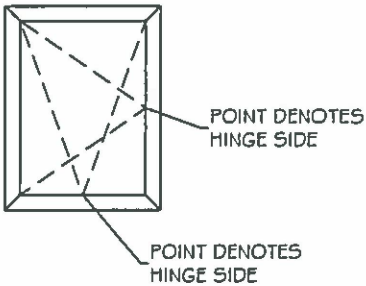


SPECIFICATION NOTES



SYSTEM

METAL TECHNOLOGY 5-20 HI THERMALLY BROKEN ALUMINIUM WINDOWS.
REYNOBOND COMPOSITE RAINSCREEN CASSETTES.

FINISH - WINDOW OUTER & CILL FLASHING

ALL VISIBLE ALUMINIUM FACES POLYESTER POWDER COATED RAL 7012 MATT (30% GLOSS) 40 MICRON.

FINISH - WINDOW INNER

ALL VISIBLE ALUMINIUM FACES POLYESTER POWDER COATED RAL 9010 MATT (30% GLOSS) 40 MICRON.

FINISH - CANOPY CLADDING

ALL VISIBLE ALUMINIUM FACES POLYESTER POWDER COATED RAL 6018 MATT (30% GLOSS) 40 MICRON.

GLAZING - G1 - VISION

OUTER - 6MM CLEAR TOUGHENED SOFT COAT LOW E.
CAVITY - 16MM ARGON FILLED WITH SILVER SPACER BARS.
INNER - 6MM CLEAR TOUGHENED.
U VALUE = 1.1 W/m2K (CENTRE PANE).
G VALUE = 0.59
TOUGHENED GLASS NOT HEAT SOAK TESTED.

GLAZING - G2 - SPANDREL

OUTER - 6MM CLEAR TOUGHENED SOFT COAT LOW E.
CAVITY - 16MM ARGON FILLED WITH SILVER SPACER BARS.
INNER - 6MM CLEAR TOUGHENED, FULL PAINTED RAL 7012 TO FACE 4.
TOUGHENED GLASS NOT HEAT SOAK TESTED.

GLAZING - G3

OUTER - 6MM CLEAR LAMINATED.
CAVITY - 18MM ARGON FILLED WITH SILVER SPACER BARS.
INNER - 6MM CLEAR TOUGHENED SOFT COAT LOW E.
TOUGHENED GLASS NOT HEAT SOAK TESTED.

GLAZING - G4

OUTER - 8.8MM CLEAR LAMINATED.
CAVITY - 16MM ARGON FILLED WITH SILVER SPACER BARS.
INNER - 6MM CLEAR TOUGHENED SOFT COAT LOW E.
TOUGHENED GLASS NOT HEAT SOAK TESTED.

GLAZING - G5

10.8 LAMINATED SINGLE GLASS

GLAZING - P1 - PANELS

OUTER - 1.5MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
CORE - 25MM STYROFOAM.
INNER - 1.5MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.77 W/m2K (CENTRE PANE)

GLAZING - P2 - PANELS

OUTER - 1.5MM ALUMINIUM SKIN RAL 7012 MATT (30% GLOSS).
CORE - 25MM KINGSPAN TP10 RIGID INSULATION.
INNER - 1.5MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.77 W/m2K (CENTRE PANE)

GLAZING - P3 - PANELS

OUTER - 2MM ALUMINIUM SKIN RAL 6018 MATT (30% GLOSS).
CORE - 25MM KINGSPAN TP10 RIGID INSULATION.
INNER - 3MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.77 W/m2K (CENTRE PANE)

GLAZING - P4 - PANELS

OUTER - 3MM ALUMINIUM SKIN RAL 7012 MATT (30% GLOSS).
CORE - 100MM KINGSPAN TP10 RIGID INSULATION.
INNER - 3MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.21 W/m2K (CENTRE PANE)

GLAZING - P5 - PANELS

OUTER - 2MM ALUMINIUM SKIN RAL 7012 MATT (30% GLOSS).
CORE - 25MM WBP PLY & 25MM KINGSPAN TP10 RIGID INSULATION.
INNER - 3MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.77 W/m2K (CENTRE PANE)

GLAZING - P6 - PANELS

OUTER - 3MM ALUMINIUM SKIN RAL 6018 MATT (30% GLOSS).
CORE - 22MM KINGSPAN TP10 RIGID INSULATION.
INNER - 3MM ALUMINIUM SKIN RAL 9010 MATT (30% GLOSS).
U VALUE = 0.77 W/m2K (CENTRE PANE)

CLADDING - R1

ALUMINIUM COMPOSITE PANEL, SMOKE SILVER METALLIC DURAGLOSS 5000 SATIN.

CLADDING - R2

ALUMINIUM COMPOSITE PANEL, RAL 9010.

CLADDING - R3

CGL WALLPLANK, RAL 7005 MATT (30% GLOSS).

CLADDING - R4

CGL WALLPLANK, RAL 7012 MATT (30% GLOSS).

FIRE BREAKS - NEW BUILD ZONES

HORIZONTAL - SIDERISE LAMATHERM RH25G-120/60 VENTILATED BREAKS FOR 120MIN INTEGRITY & 60MIN INSULATION.
VERTICAL - SIDERISE LAMATHERM RVG-120/60 FULL FILL (NON VENTILATED) BREAKS FOR 120MIN INTEGRITY & 60MIN INSULATION.

FIRE BREAKS - REFURB ZONES

HORIZONTAL - SIDERISE LAMATHERM RH25G-90/30 VENTILATED BREAKS FOR 90MIN INTEGRITY & 30MIN INSULATION.
VERTICAL - SIDERISE LAMATHERM RVG-90/30 FULL FILL (NON VENTILATED) BREAKS FOR 90MIN INTEGRITY & 30MIN INSULATION.

POINTING

ALL PERIMETER POINTING IN LOW MODULUS SILICON, BLACK.

HARDWARE - SIDE HUNG WINDOWS

GENERAL SYSTEM FITTINGS ALL IN SILVER FINISH.
CONCEALED HINGES.
LOCKING HANDLES IN SAA, FITTED MID VENT HEIGHT.
NO RESTRICTORS.

HARDWARE - TILT TURN WINDOWS

GENERAL SYSTEM FITTINGS ALL IN SILVER FINISH.
CONCEALED HINGES.
LOCKING HANDLES IN SAA, ALLOWING TILT BUT NOT TURN UNLESS UNLOCKED, FITTED MID VENT HEIGHT.
NO RESTRICTORS.

HARDWARE - TOP HUNG WINDOWS IN C.WALL

GENERAL SYSTEM FITTINGS ALL IN SILVER FINISH.
BARREL HINGES.
REMOTE MANUAL OPERATORS.
NO RESTRICTORS.

HARDWARE - DOORS

HUNG ON NO HOLD CONCEALED OVERHEAD CLOSERS.
MAGLOCK FITTED TO HEAD TO BE CONTROLLED BY ACCESS HARDWARE BY OTHERS.
NO MANUAL LOCKING.
FULL HEIGHT TUBE HANDLES Ø44.4 IN SATIN ST. STEEL.

GENERAL

ALL DRAIN CAPS IN BLACK PLASTIC.
TRICKLE VENTS, SIMON AIRSTRIIP 19000 WITH KNOB CONTROL.

PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for obligatory 'A' status	
C	Does not conform to Design Intent. Revise and re-submit	
Note Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/contractor from full responsibility for their design accuracy and integration. Signatures do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status		
Date	Checked By Signature	Checked By Signature
28/01/16	NEL	
Date	Author Signature	Author Signature

APPROVED FOR
CONSTRUCTION

I	28.01.16	G5 GLASS SPEC ADDED
H	15.01.16	CANOPY FINISH ADDED
G	18.08.15	P6 ADDED
F	18.08.15	P4,P5, DOOR HANDLES
E	05.07.15	G3,4,5,P3,4,5, DOOR & WINDOW HARDWARE ADDED
D	15.07.15	R2 & R3 ADDED, FIRE
C	25.03.15	FIRE BREAKS UPGRADED TO 120MIN
B	03.03.15	RVG FIREBREAK
A	03.03.15	FIREBREAKS, G2 & R2 ADDED
Rev	Date	Notes

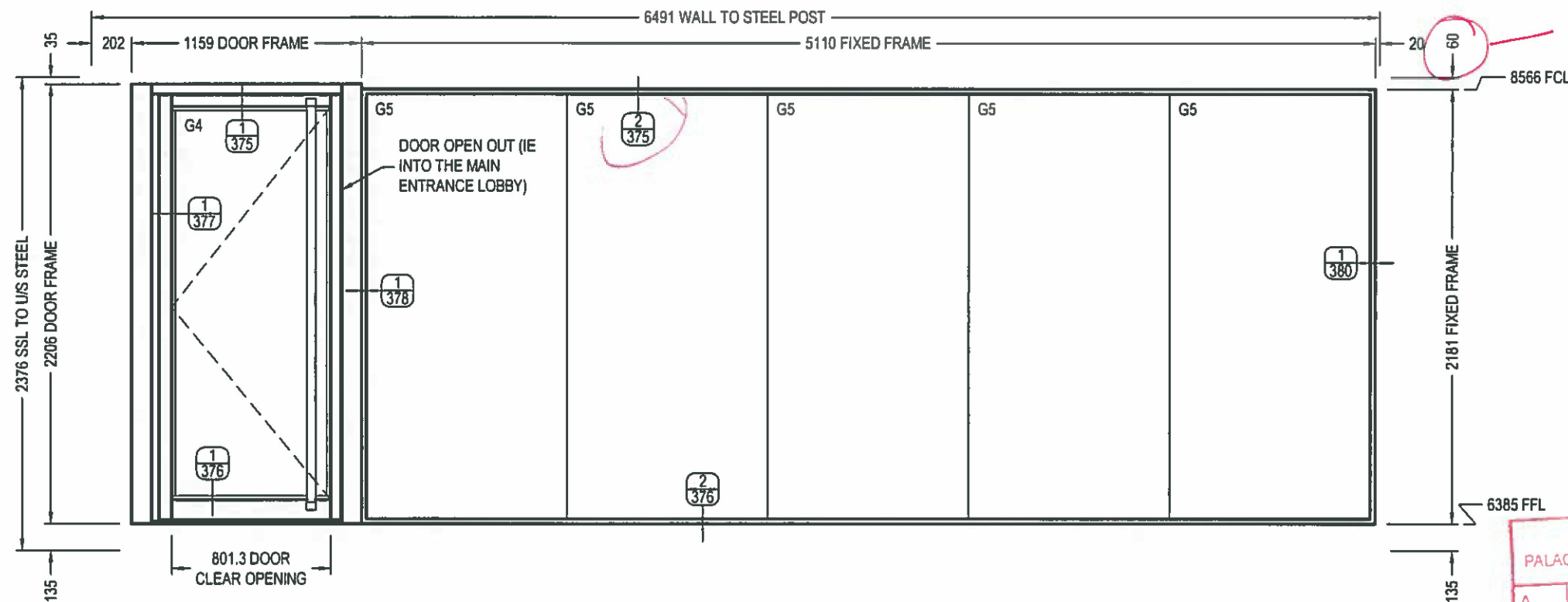
SPECIFICATION

GRENFELL TOWER
GRENFELL RD, LONDON, W11 1TQ

Drawn By: bd KVL Date: 15.01.15 Scale: 1:20A3

harley
HARLEY HOUSE
BROOKLANDS PARK
FARNINGHAM ROAD
CROWBOROUGH
EAST SUSSEX
TN6 2JD
Tel: [REDACTED]

Drawing No: C1059-100 Rev: 1



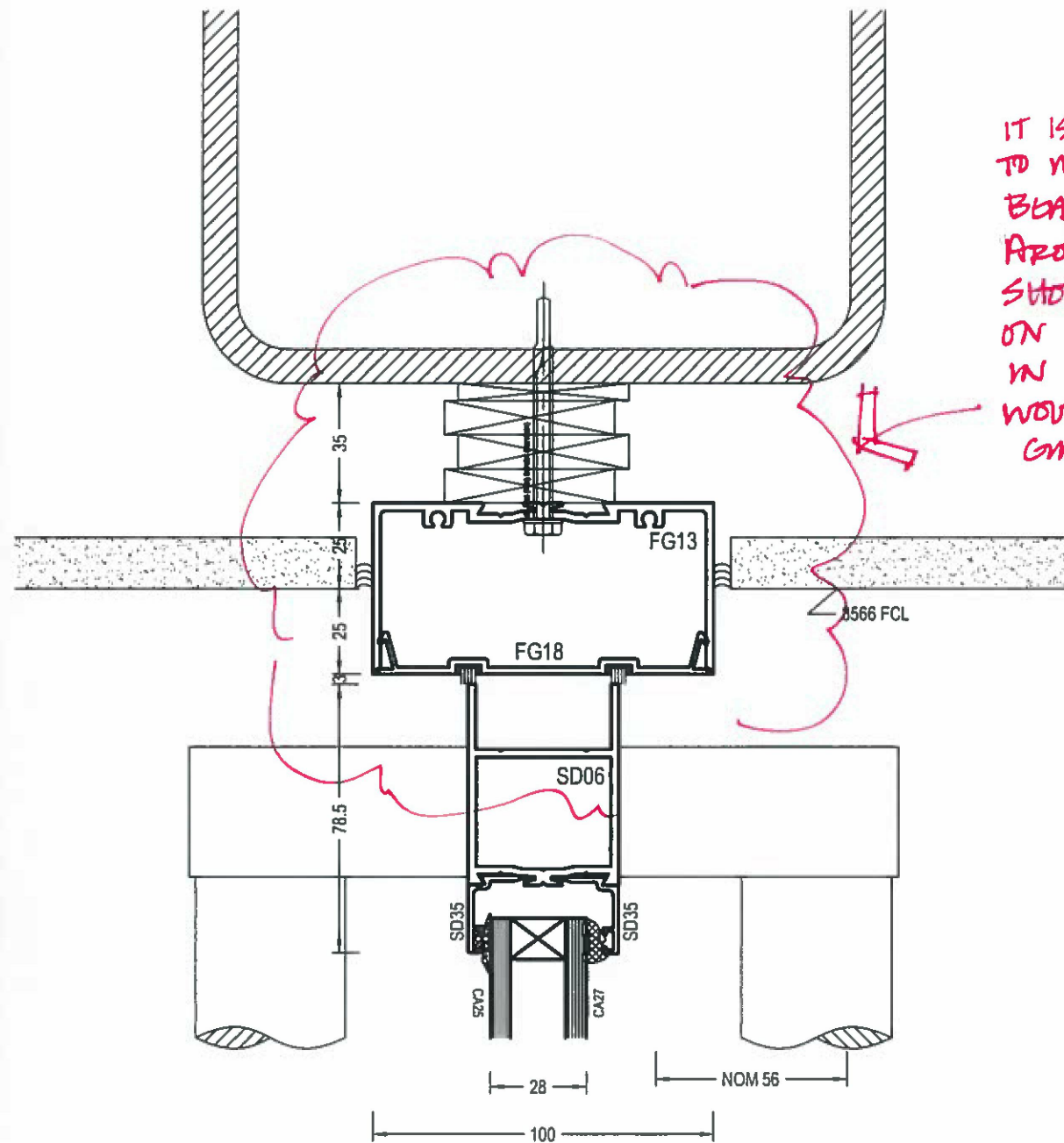
SEE COMMENT
ON VISIBL
CLEARANCES
ON DETAIL - 375

1 OFF - S1-04
INTERNAL TO MAIN ENTRANCE LOBBY

STUDIO E ARCHITECTS PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent.	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for category 'A' status.	
C	Does not conform with Design Intent. Revise and re-submit.	
Note: Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/trade contractor from full responsibility for their design accuracy and integration. Comments made do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status.		
Date	Checked by Signature	Name (Print)
25/01/16	NBL	
Date	Approved by Signature	Name (Print)

ISSUED FOR
APPROVAL

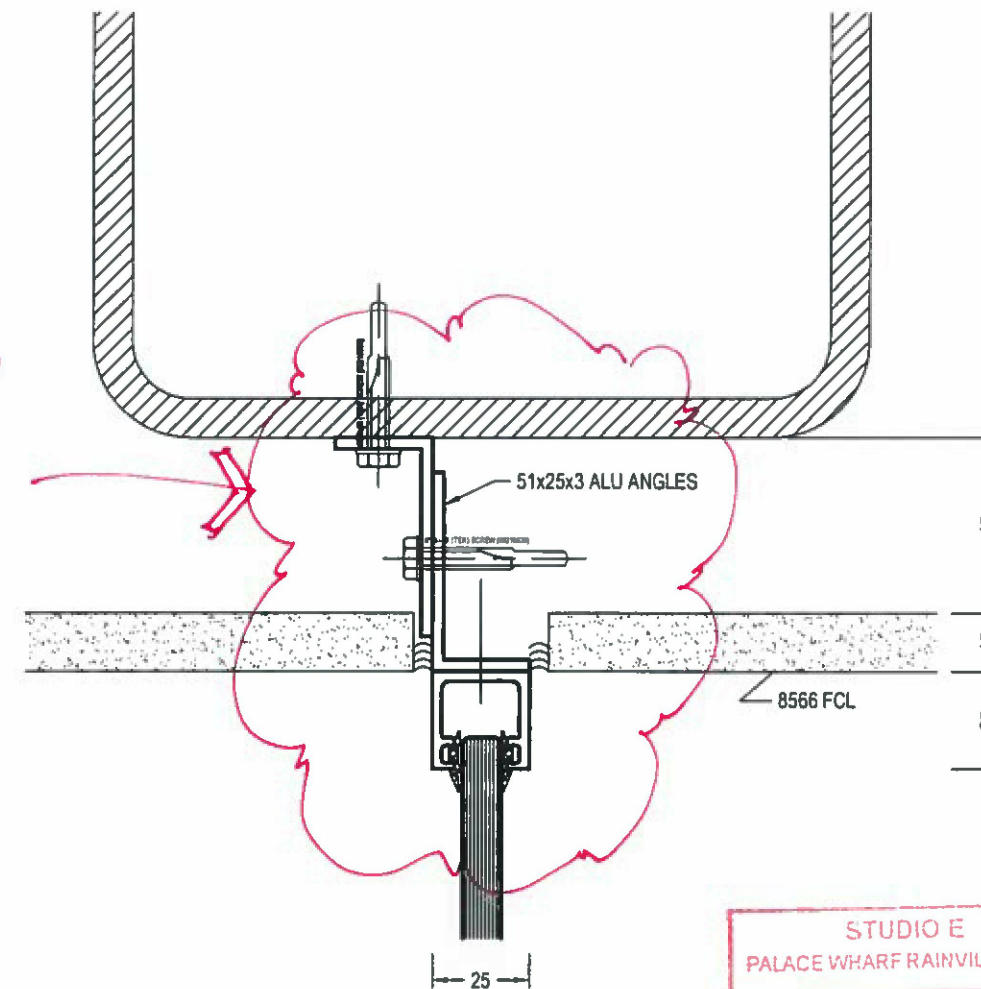
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	Rev	Date	Notes	Drawn By: bd KVL				Date: 05.07.15	Scale: 1:30@A3
	-	-	-						



1
DOOR HEAD
S1-04

IT IS NOT CLEAR
TO ME THAT THIS
BEAM IS BEING BOXED
AROUND - SEA DRAWS
SHOW THIS BEAM LEAVING
ON FLOOR LEVEL AND 'FREE'
IN OPEN SPACE OF LOBBY
WOULD BE PAINTED ∴ THIS
GAP WOULD BE VISIBLE

NEEDS TO BE
20MM GAP AS
TABLE S1-04
DETAIL ON
C1059-378

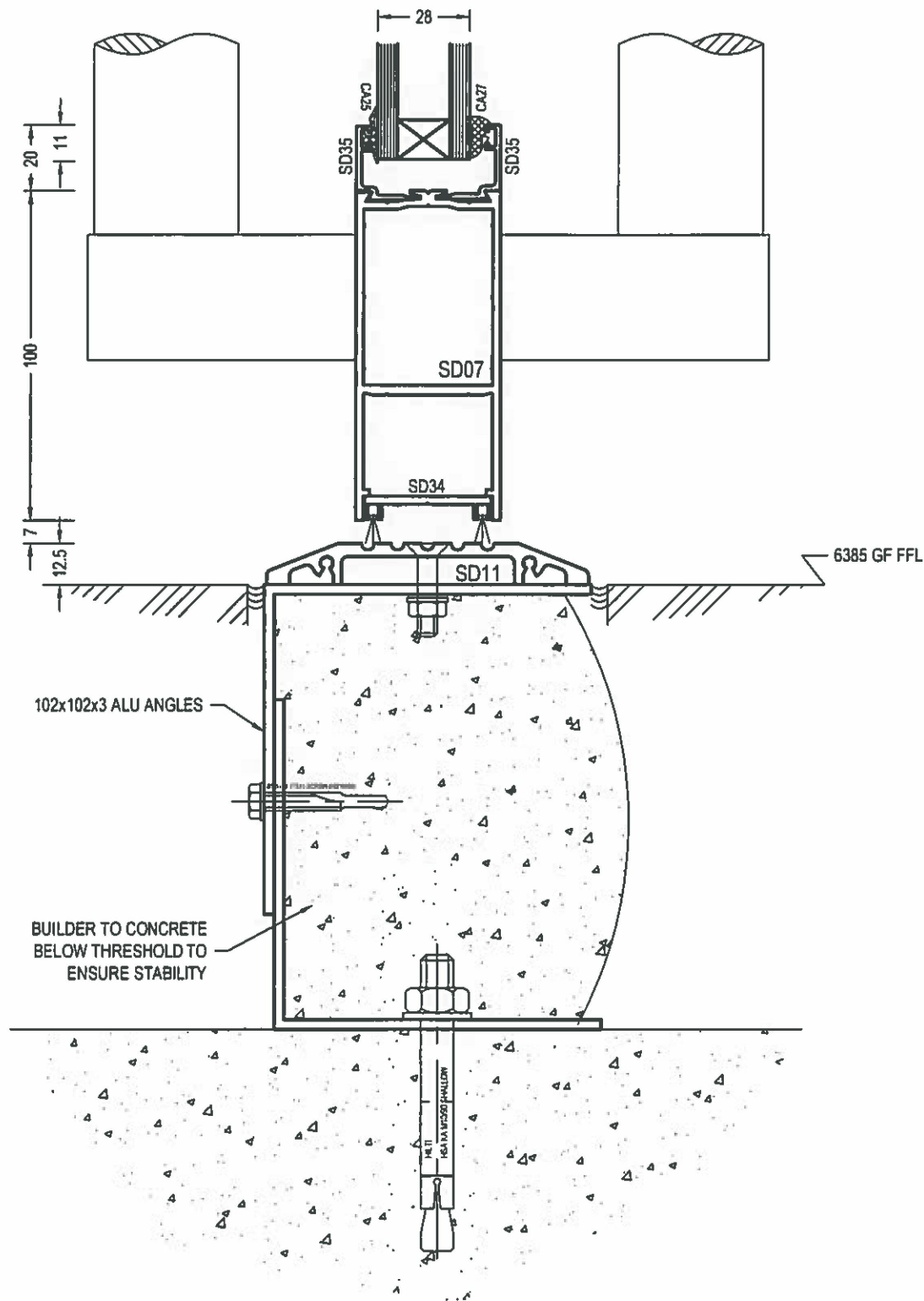


2
FIXED HEAD
S1-04

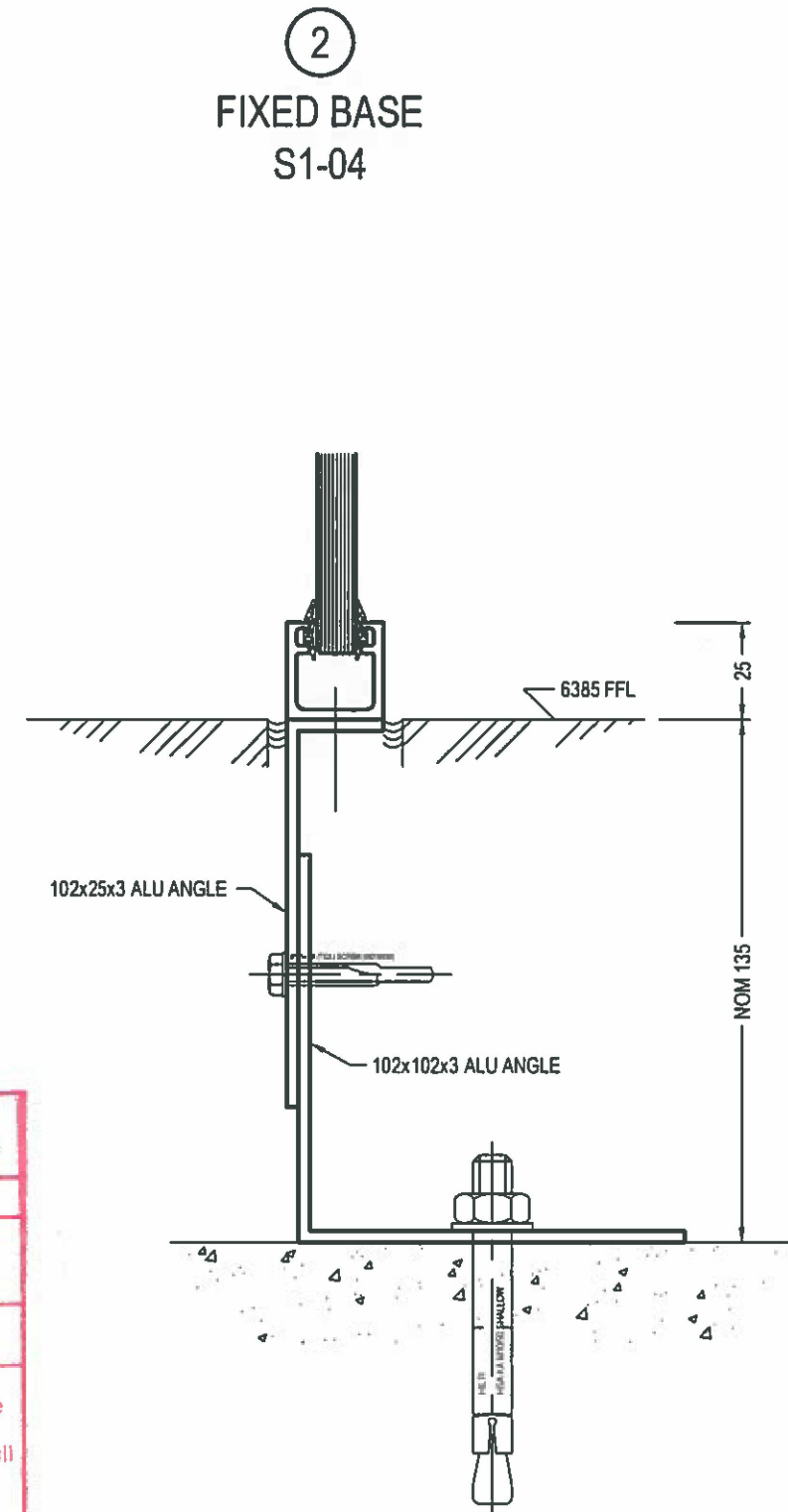
STUDIO E ARCHITECTS PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent.	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for category A status.	
C	Does not conform to Design Intent. Revise and re-submit.	
Note Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/trade contractor from full responsibility for their design accuracy and integration. Comments made do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status.		
Date	Checked By Signature	Name (Print)
28/01/16	NZC	
Date	Authorised Signature	Name (Print)

ISSUED FOR
APPROVAL

FILE 855...			Description		Project			harley	
			SECTIONS		GRENELL TOWER GRENELL RD, LONDON. W11 1TQ			HARLEY HOUSE BROOKLANDS PARK FARNINGHAM ROAD CROWBOROUGH EAST SUSSEX TN6 2JD	
Rev	Date	Notes	Drawn By:	Date:	Scale:	Drawing No:		Rev	
			bd KVL	05.07.15	1:2.5@A3	C1059-375			



1
THRESHOLD
S1-04

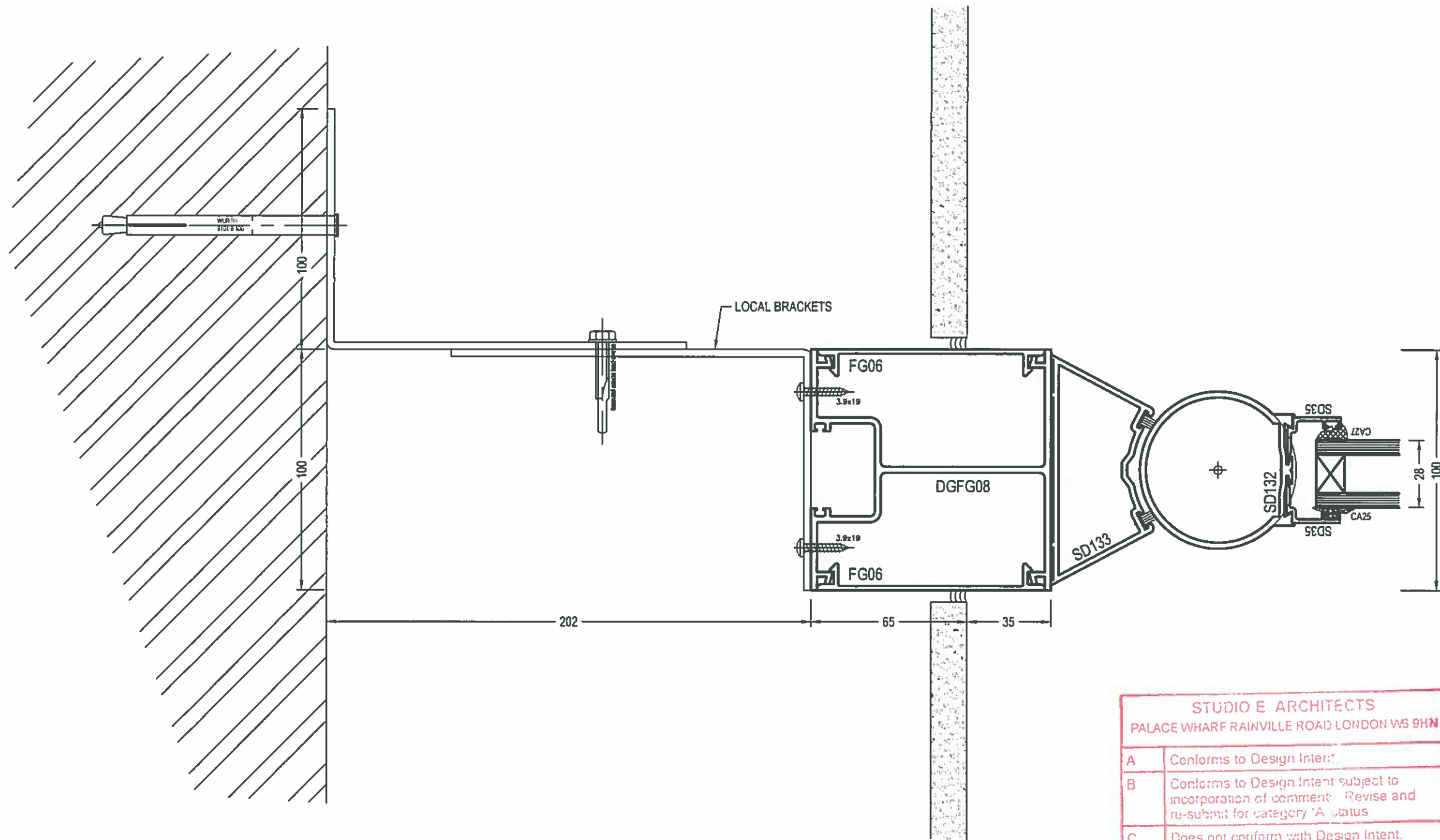


2
FIXED BASE
S1-04

STUDIO E ARCHITECTS PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent.	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for category 'A' status.	
C	Does not conform with Design Intent. Revise and re-submit.	
Note Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/trade contractor from full responsibility for their design accuracy and integration Comments made do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status		
Date	Checked By Signature	Name (Print)
28/01/16	NKC	
Date	Authorised Signature	Name (Print)

ISSUED FOR
APPROVAL

FILE 855..			SECTIONS		Project: GRENELL TOWER GRENELL RD, LONDON. W11 1TQ			HARLEY HOUSE BROOKLANDS PARK FARNINGHAM ROAD CROWBOROUGH EAST SUSSEX TN6 2JD Tel: [REDACTED]	
Rev	Date	Notes			Drawn By:	Date:	Scale:	Drawing No:	Rev
					bd KVL	05.07.15	1:2.5@A3	C1059-376	-

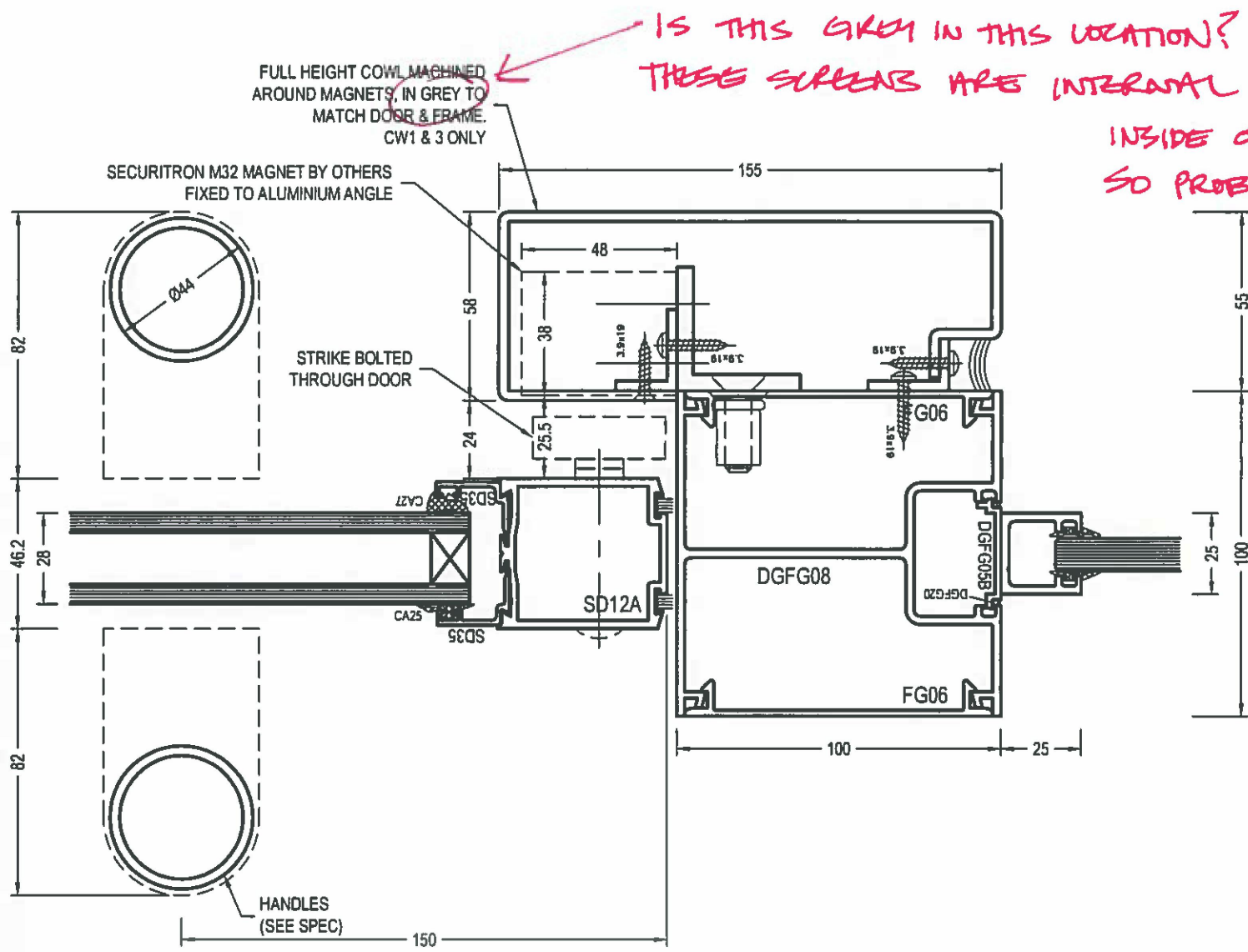


1
DOOR JAMB
S1-04

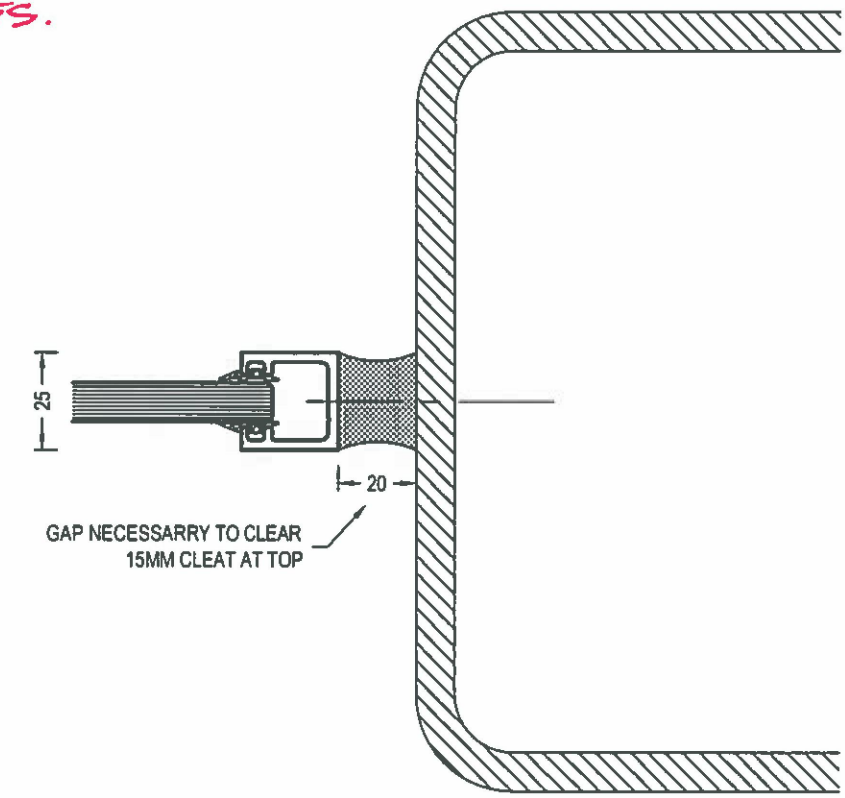
STUDIO E ARCHITECTS PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for category 'A' status	
C	Does not conform with Design Intent. Revise and re-submit.	
Note Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/trade contractor from full responsibility for their design accuracy and integration Comments made do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status		
Date	Checked By Signature	Name (Print)
28/01/16	NFC	
Date	Authorised Signature	Name (Print)

ISSUED FOR
APPROVAL

FILE 855..	SECTIONS			Grenfell Tower Grenfell Rd, London. W11 1TQ			harley HARLEY HOUSE BROOKLANDS PARK FARNINGHAM ROAD CROWBOROUGH EAST SUSSEX TN4 2JD Tel: [REDACTED]	Drawing No: C1059-377	Rev -
	Rev	Date	Notes	Drawn By:	Date:	Scale:			
	-	-	-	bd KVL	05.07.15	1:2.5@A3			
	-	-	-						



INSIDE OF LOBBY GLAZING IS PAL 9010
SO PROBABLY BEST IF THIS IS COLOUR MATCHED
ON BOTH SIDES.



MAIN ENTRANCE LOBBY

①
DOOR POST
S1-04

STUDIO E ARCHITECTS PALACE WHARF RAINVILLE ROAD LONDON W6 9HN		
A	Conforms to Design Intent.	
B	Conforms to Design Intent subject to incorporation of comments. Revise and re-submit for category 'A' status.	
C	Does not conform with Design Intent. Revise and re-submit.	
Note: Drawing status is given for conformity with outline Design Intent only and does not relieve the contractor/sub-contractor/trade contractor from full responsibility for their design accuracy and integration. Comments made do not automatically constitute a variation. Refer to separate specification clause for supplementary information regarding drawing status.		
Date	Checked By Signature	Name (Print)
28/01/16	NSE	
Date	Authorised Signature	Name (Print)

②
JAMB
S1-04

ISSUED FOR
APPROVAL

FILE 855..	-	-	-	SECTIONS Project: GRENFELL TOWER GRENFELL RD, LONDON. W11 1TQ Drawn By: bd KVL Date: 05.07.15 Scale: 1:2.5@A3 harley HARLEY HOUSE BROOKLANDS PARK FARNINGHAM ROAD CROWBOROUGH EAST SUSSEX TN6 2JD Tel: [REDACTED]
	-	-	-	
	-	-	-	
	Rev	Date	Notes	

Drawing No:	Rev
C1059-378	-

SEA00003389/6

SEA00003389_0006