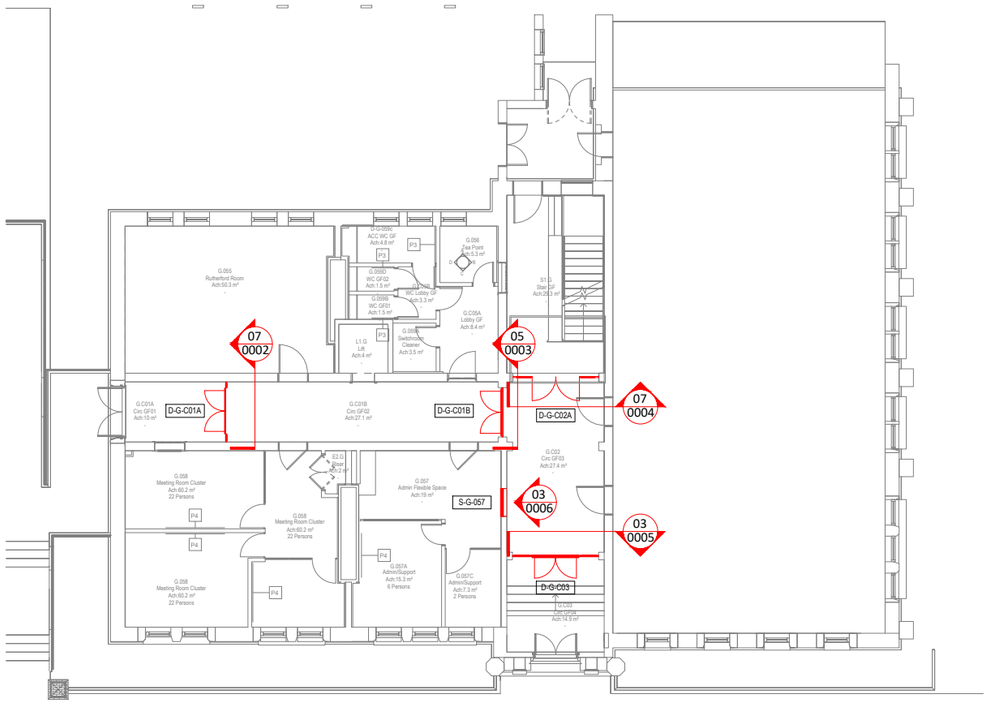
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.

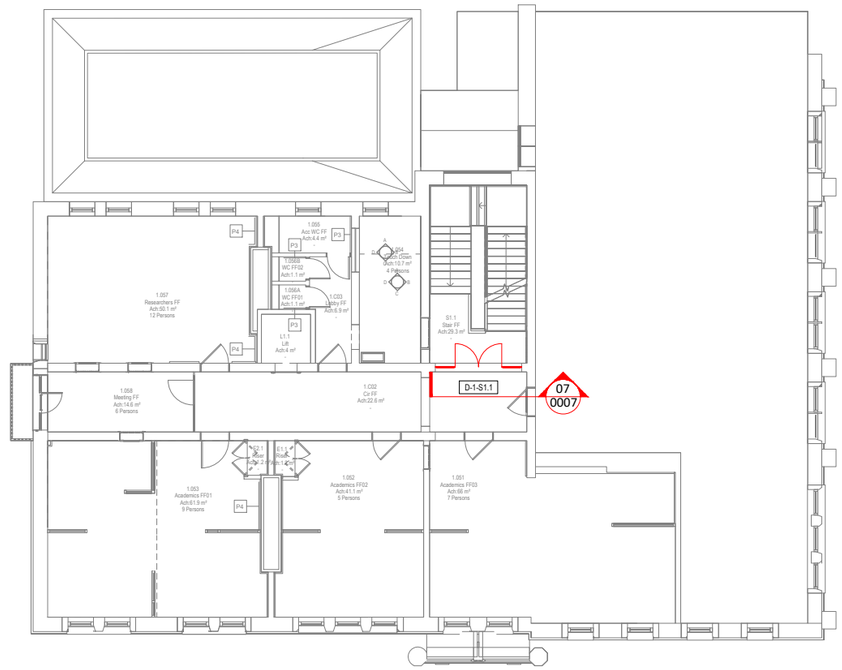
SCALE 1:200 @ A3

GROUND FLOOR WORKS PLAN:



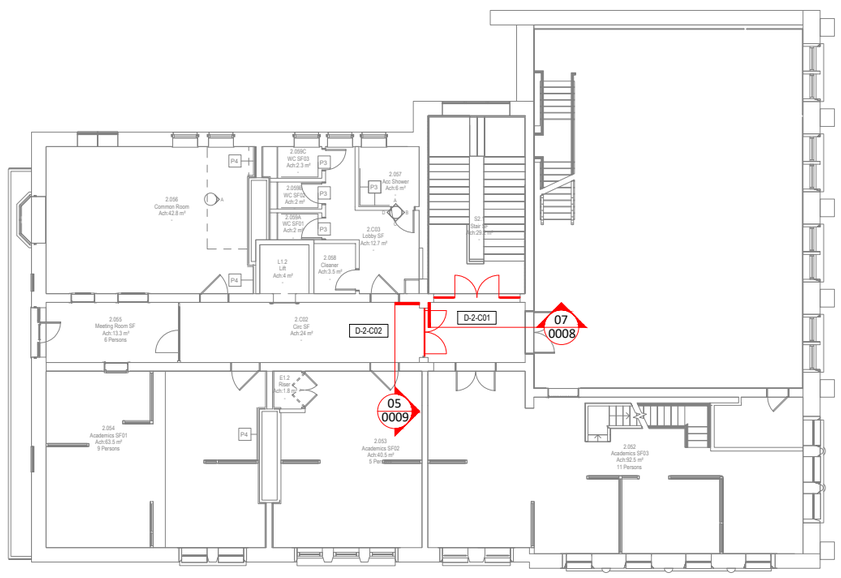
1 Partitions GA Plan_Level 00

FIRST FLOOR WORKS PLAN:



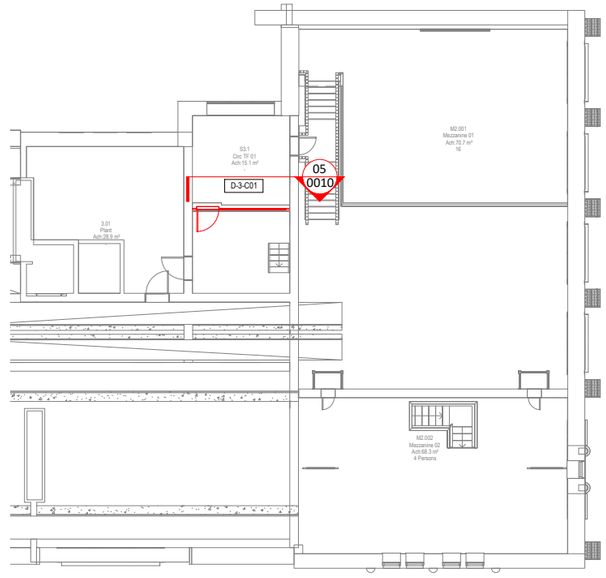
1 Partitions GA Plan_Level 01

SECOND FLOOR WORKS PLAN:



1 Partitions GA Plans_Level 02

THIRD FLOOR WORKS PLAN:



1 Partitions GA Plan_Level 03

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	///

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

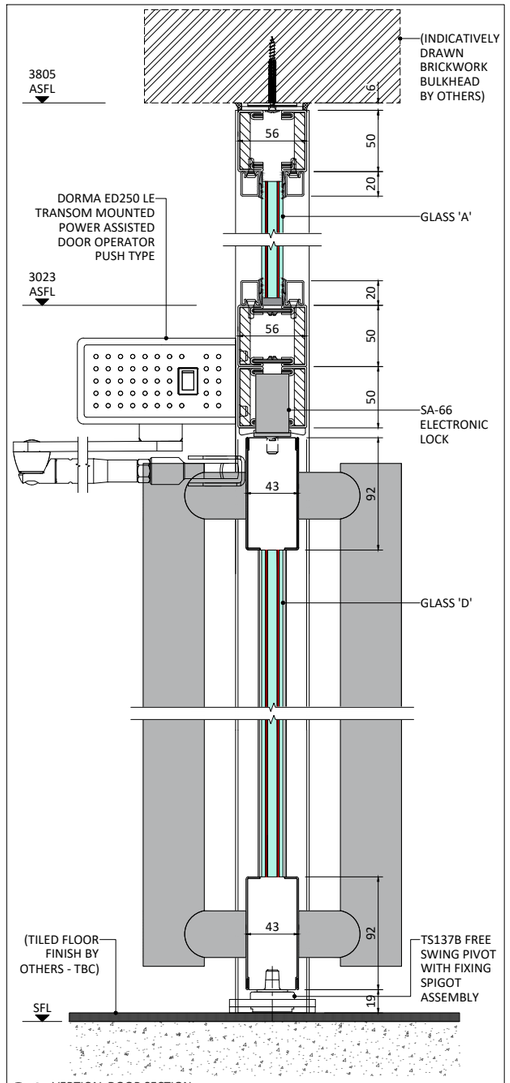
DRAWING TITLE:
GROUND, FIRST, SECOND & THIRD FLOORS - GENERAL ARRANGEMENT

DRAWN MR CHECKED JB RPG REF L5626

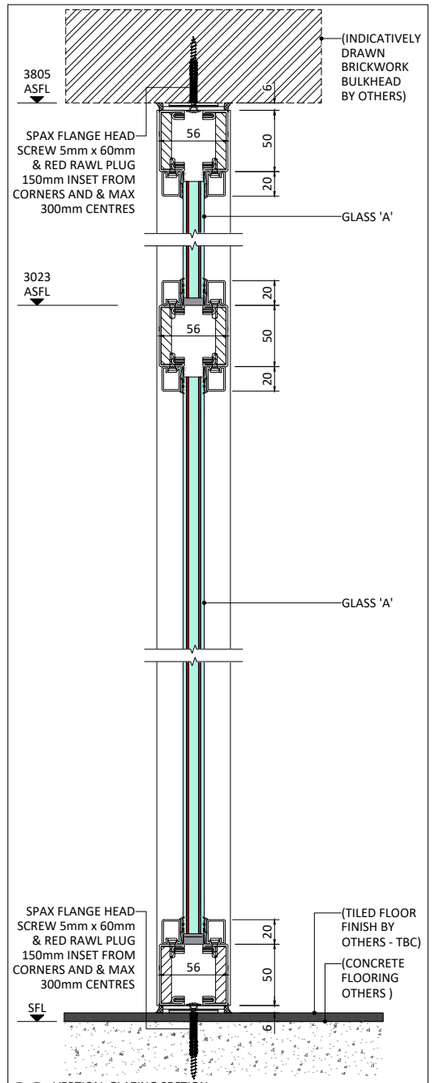
DRAWING NUMBER: L5626-PLA-XX-ZZ-DR-X-0001 STATUS REV: P01

L5626 Rev-01 Rutherford Building - Manchester

THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



02 VERTICAL GLAZING SECTION
SCALE 1:5 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

EQUALITY ACT 2010 / AD PART M NOTE

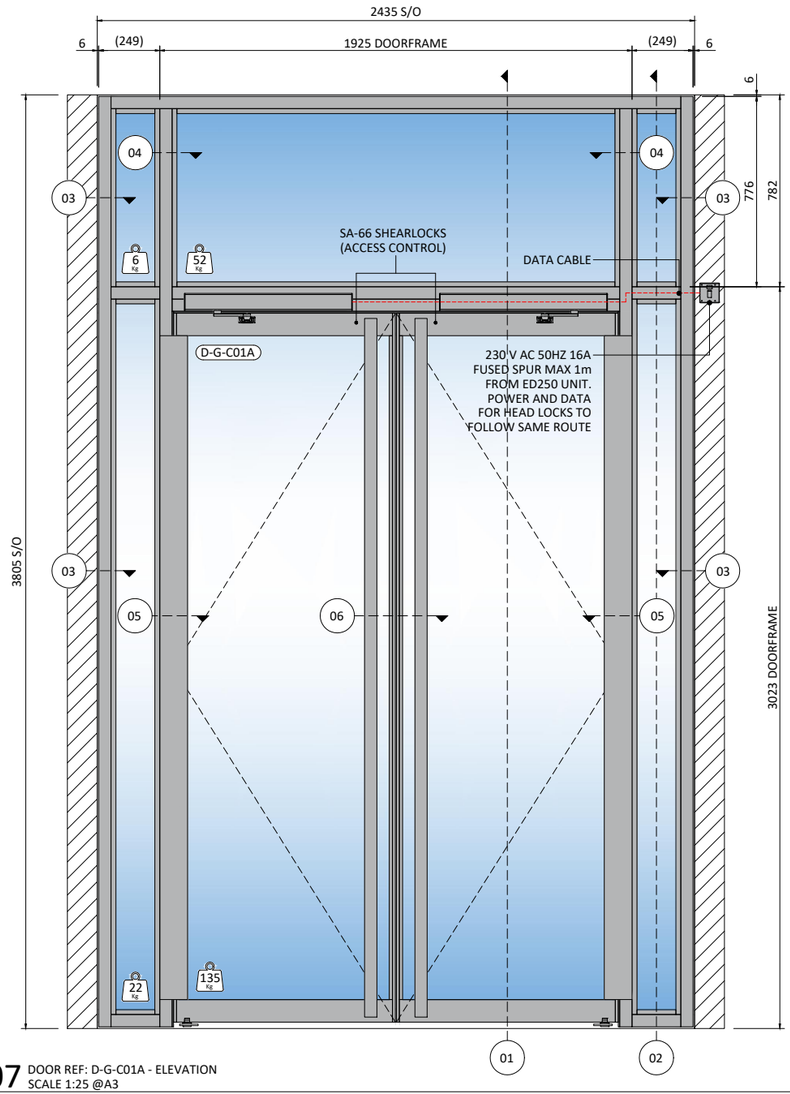
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE.

OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N).

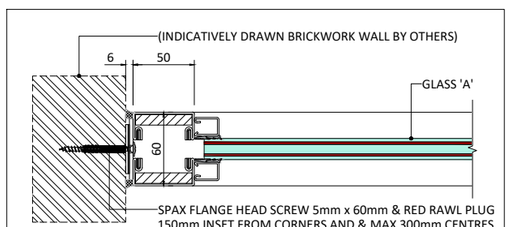
ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G.

DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES,

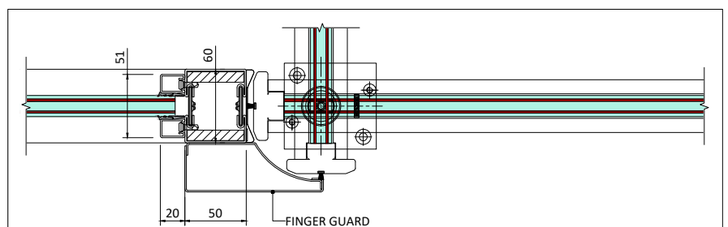
IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.



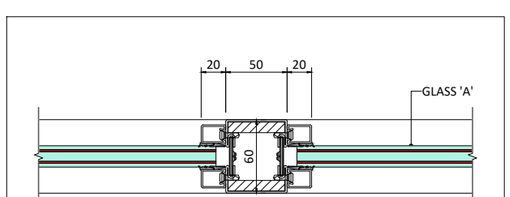
07 DOOR REF: D-G-C01A - ELEVATION
SCALE 1:25 @A3



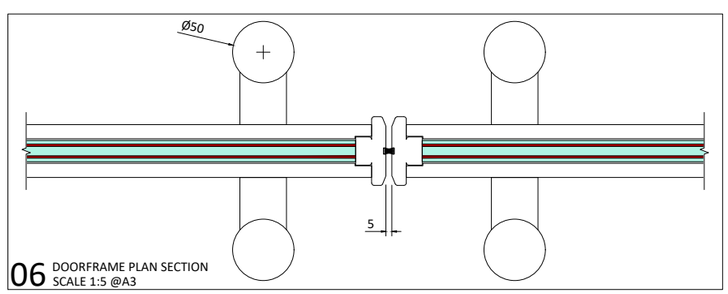
03 ABUTMENT DETAIL
SCALE 1:5 @A3



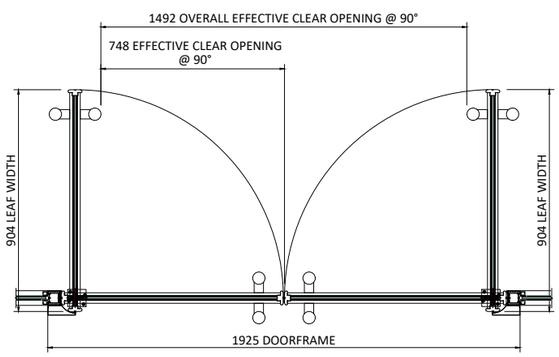
05 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



04 VERTICAL MULLION DETAIL
SCALE 1:5 @A3



06 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



08 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING	CUTS & LACERATIONS
~~WORKING AT HEIGHT~~	~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec Ei30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM
MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO
BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT
POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

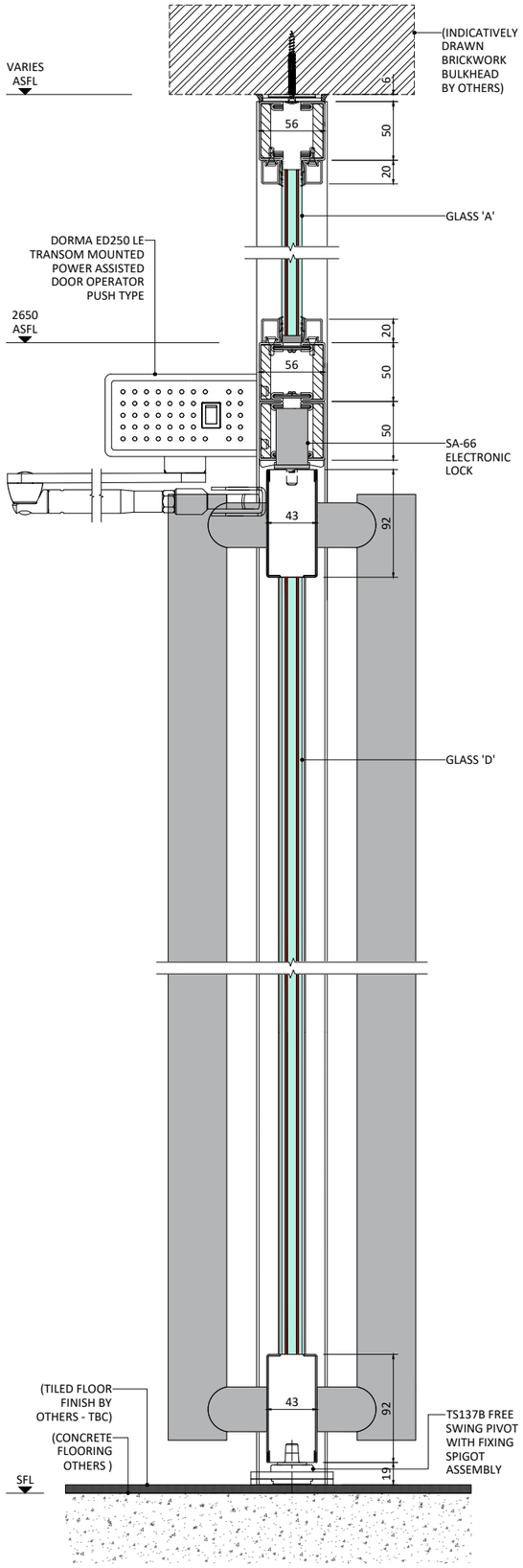
DRAWING TITLE:
GROUND FLOOR FOYER - DOOR REF: D-G-C01A - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

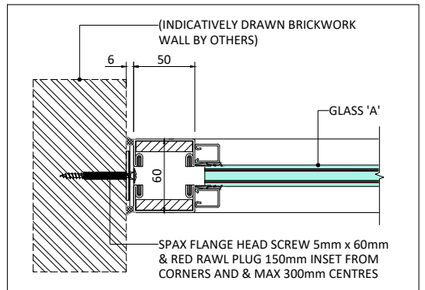
DRAWING NUMBER L5626-PLA-XX-00-DR-X-0002 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

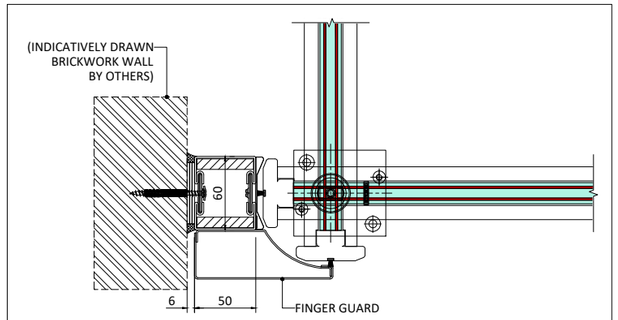
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



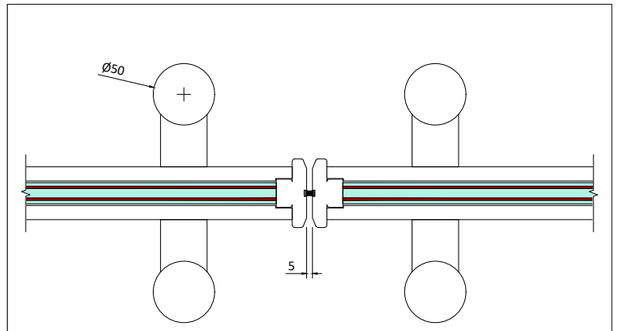
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



02 ABUTMENT DETAIL
SCALE 1:5 @A3



03 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



04 DOORFRAME PLAN SECTION
SCALE 1:5 @A3

EQUALITY ACT 2010 / AD PART M NOTE;

PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE.

OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N).

ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G.

DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES,

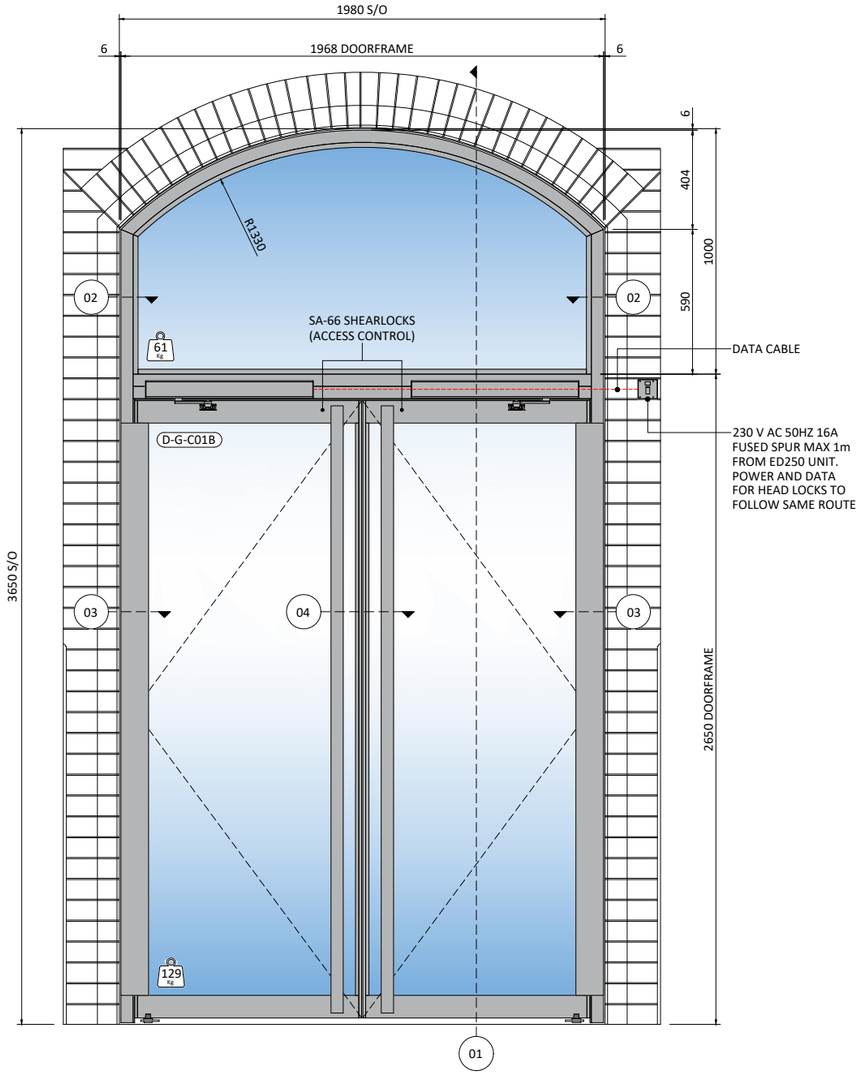
IN ORDER TO ENSURE COMPLIANCE.
WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

GENERAL DRAWING NOTES

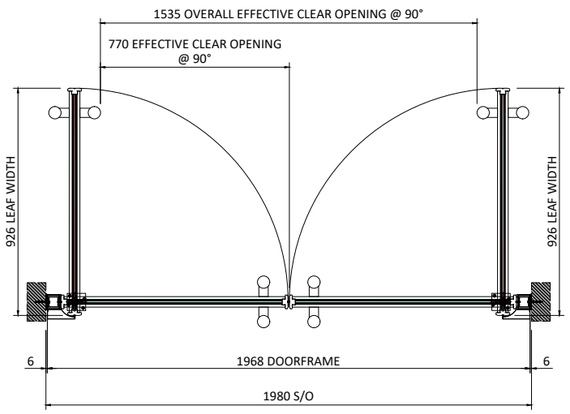
STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.



05 DOOR REF: D-G-C01B - ELEVATION
SCALE 1:25 @A3



06 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec Ei30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM
MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO
BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

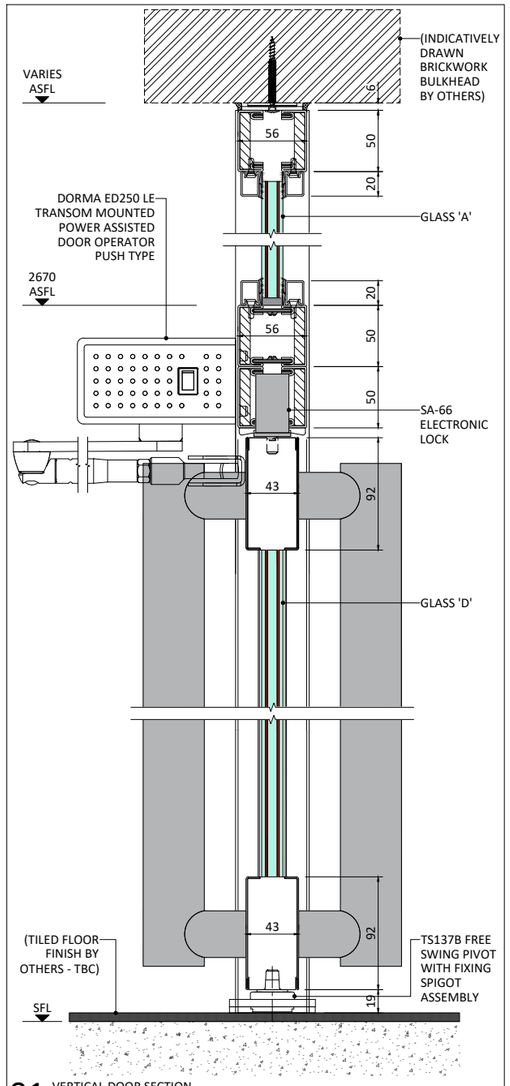
DRAWING TITLE:
GROUND FLOOR CORRIDOR - DOOR REF: D-G-C01B - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

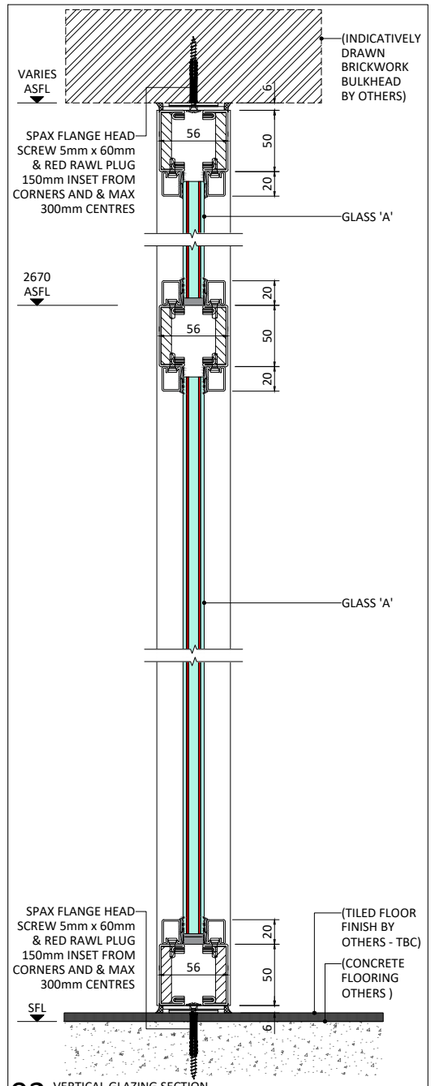
DRAWING NUMBER L5626-PLA-XX-00-DR-X-0003 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

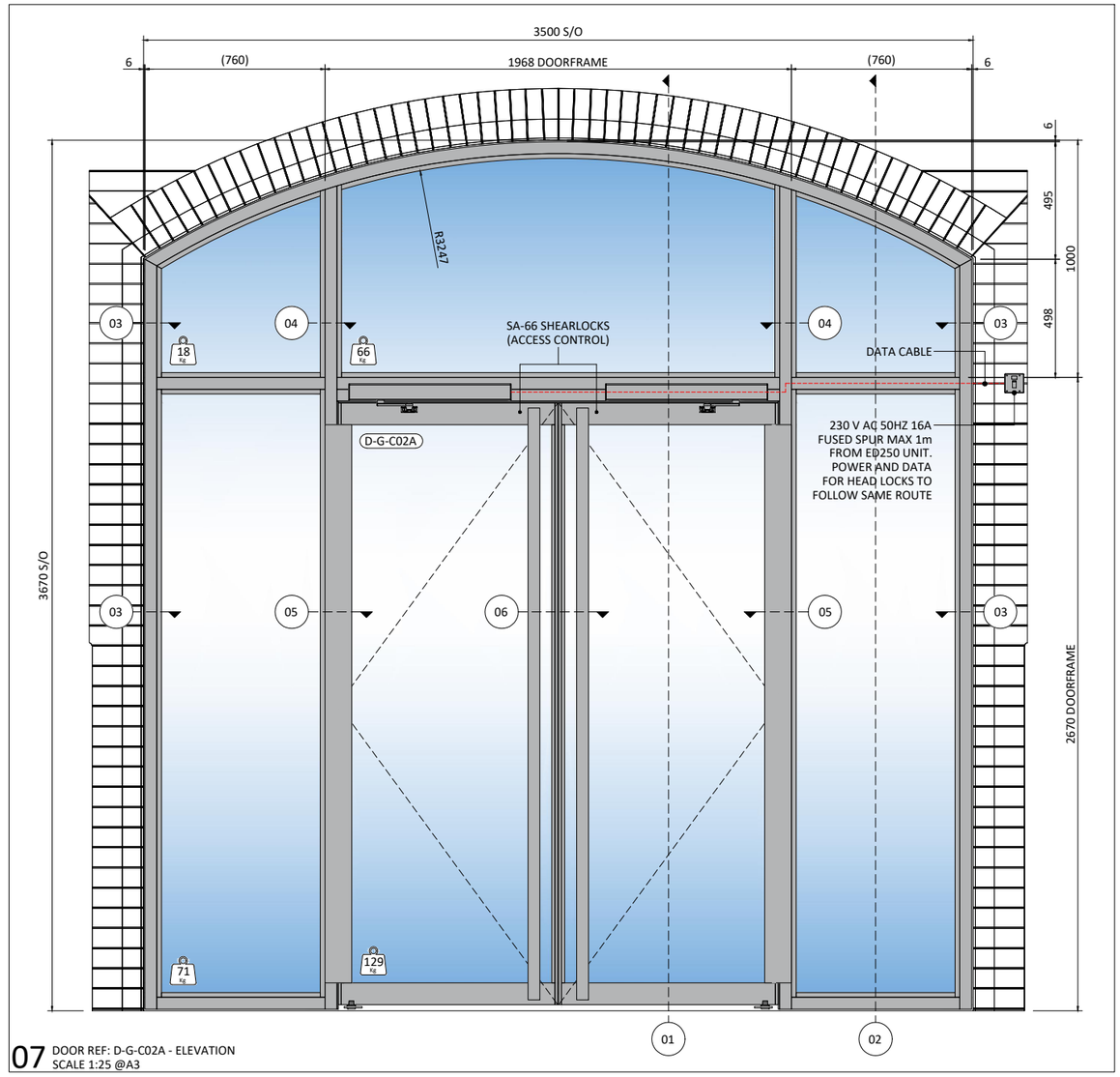
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



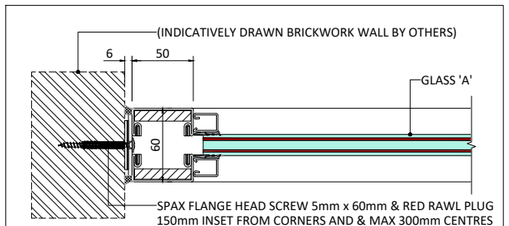
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



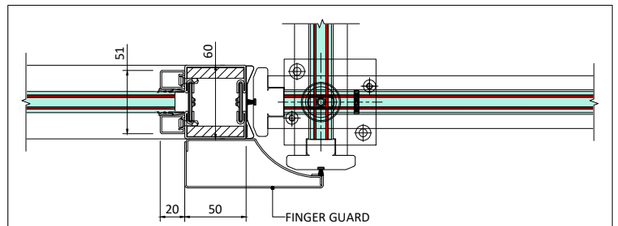
02 VERTICAL GLAZING SECTION
SCALE 1:5 @A3



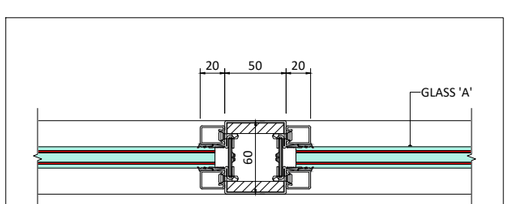
07 DOOR REF: D-G-C02A - ELEVATION
SCALE 1:25 @A3



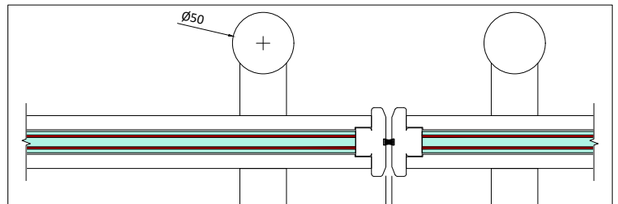
03 ABUTMENT DETAIL
SCALE 1:5 @A3



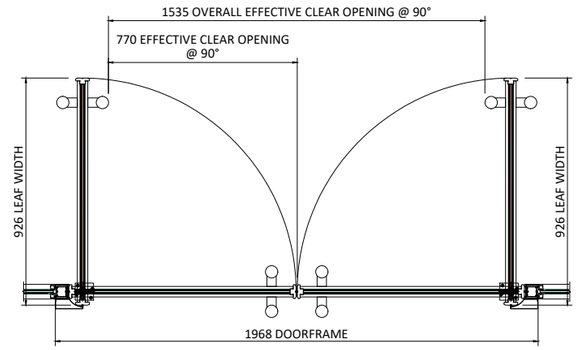
05 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



04 VERTICAL MULLION DETAIL
SCALE 1:5 @A3



06 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



08 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

EQUALITY ACT 2010 / AD PART M NOTE;
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE. OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N). ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G. DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES, IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec
EI30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

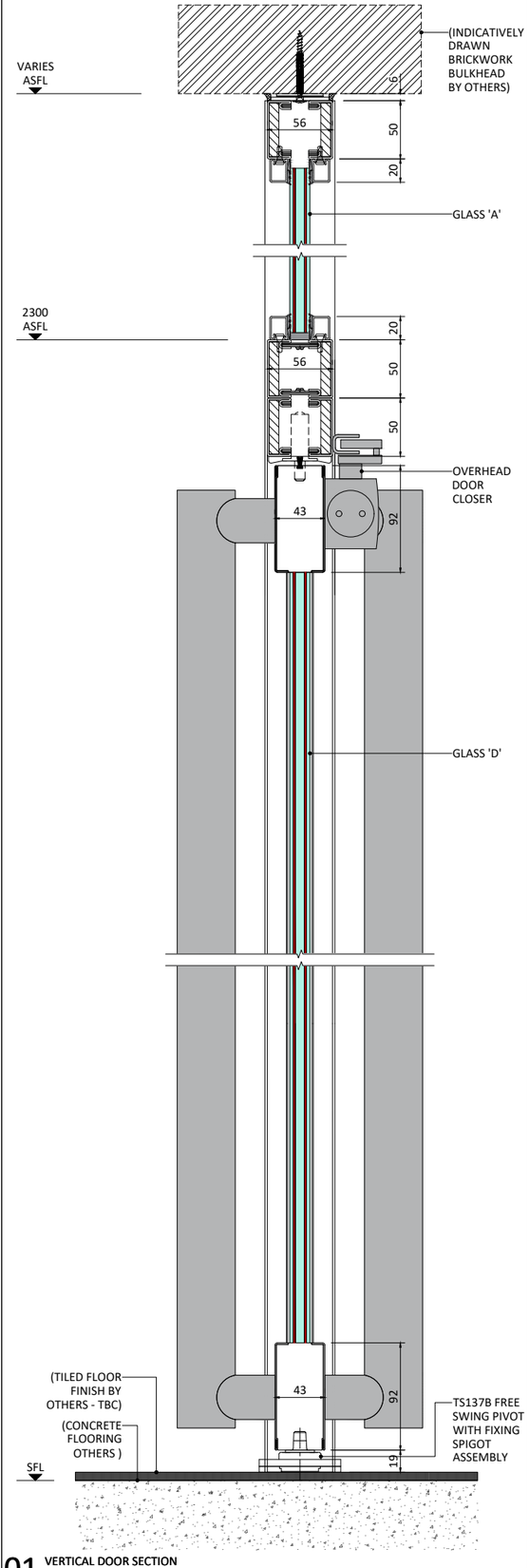
DRAWING TITLE:
GROUND FLOOR CORRIDOR - DOOR REF: D-G-C02A - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

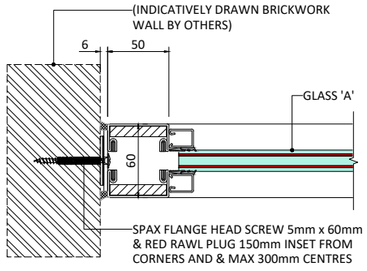
DRAWING NUMBER L5626-PLA-XX-00-DR-X-0004 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



02 ABUTMENT DETAIL
SCALE 1:5 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

EQUALITY ACT 2010 / AD PART M NOTE;

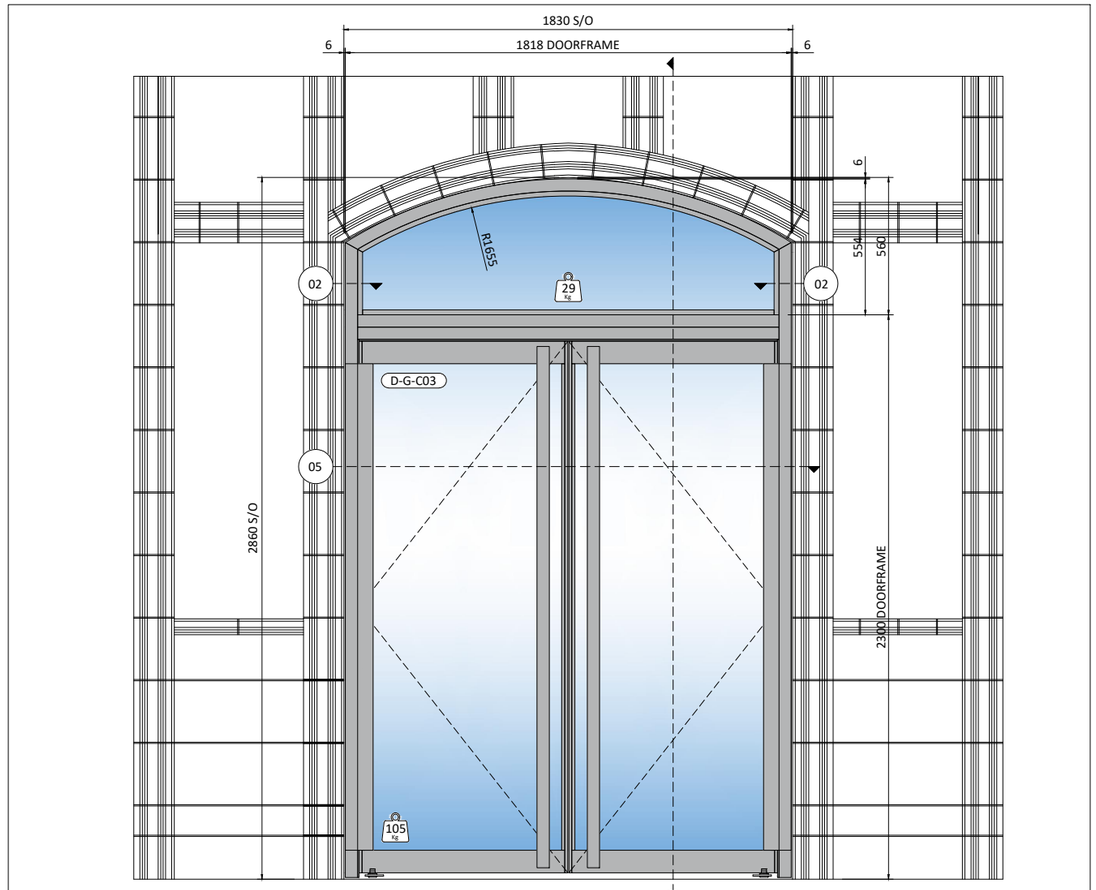
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE.

OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N).

ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G.

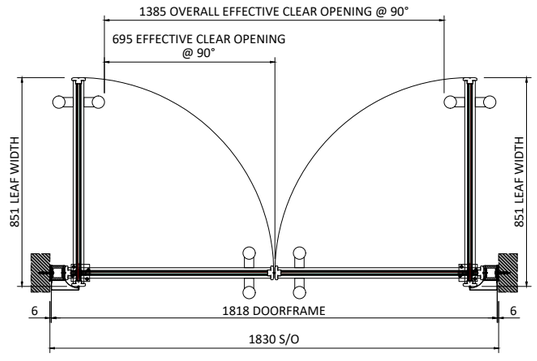
DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES,

IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

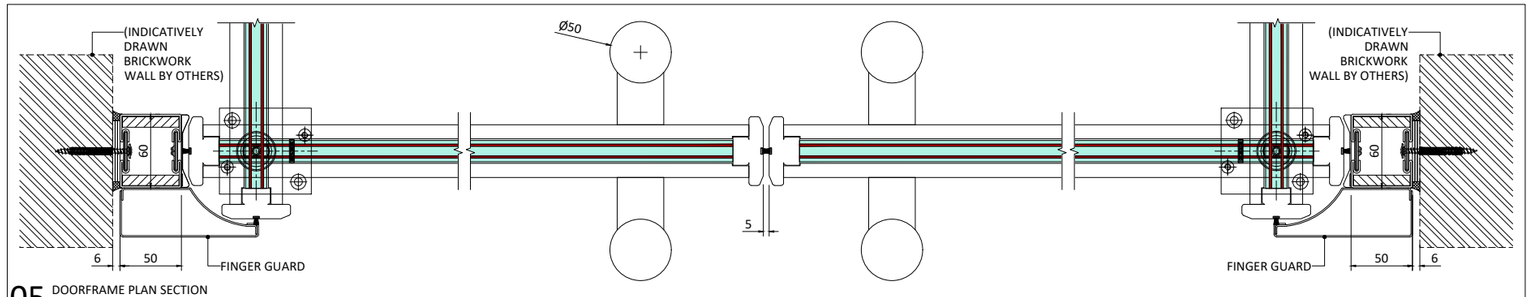


03 DOOR REF: D-G-C03 - ELEVATION
SCALE 1:25 @A3

NOTE:
PLEASE BE ADVISED THAT THIS DOORSET DOES NOT CURRENTLY MEET CLEAR OPENING STATED WITHIN BUILDING REGULATIONS PART M (ACCESS TO AND USE OF BUILDINGS).



04 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3



05 DOORFRAME PLAN SECTION
SCALE 1:5 @A3

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec
EI30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (*=THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
TRANSOM MOUNTED OVERHEAD DOOR CLOSER
Ø50mm FULL HEIGHT GUARDSMAN BACK TO BACK PULL HANDLES (SSS)
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

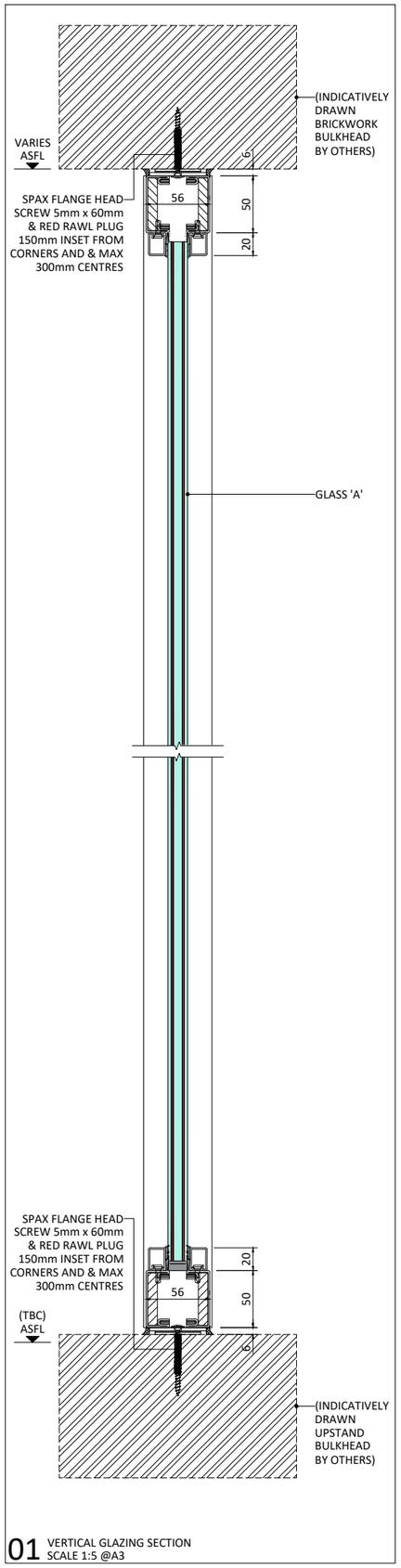
DRAWING TITLE:
GROUND FLOOR ENTRANCE LOBBY - DOOR REF: D-G-C03 - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN	CHECKED	RPG REF
MR	JB	L5626

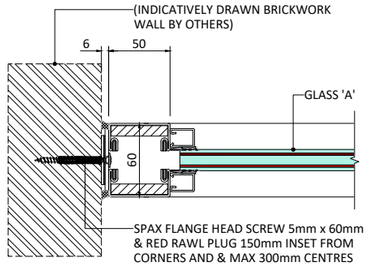
DRAWING NUMBER — STATUS REV.
L5626-PLA-XX-00-DR-X-0005 P01

L5626 Rev-01 Rutherford Building - Manchester

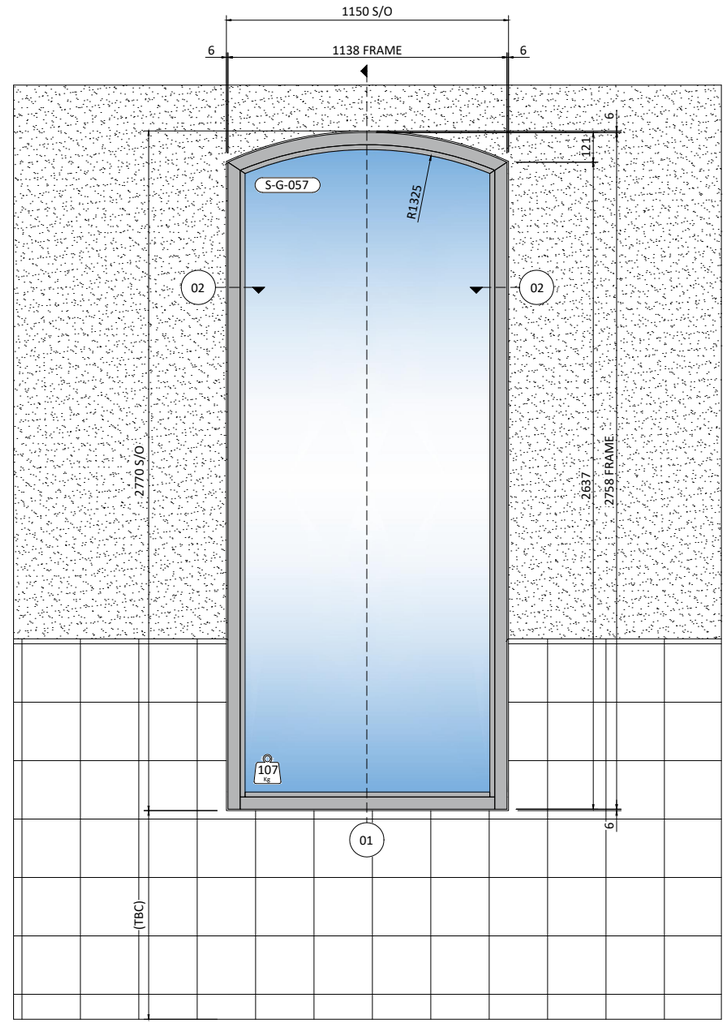
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



01 VERTICAL GLAZING SECTION
SCALE 1:5 @A3



02 ABUTMENT DETAIL
SCALE 1:5 @A3



03 SCREEN REF: S-G-057 - ELEVATION
SCALE 1:25 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING	CUTS & LACERATIONS
~~WORKING AT HEIGHT~~	~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec
Ei30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (*=THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	NOT APPLICABLE

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	NOT APPLICABLE
MATERIAL	NOT APPLICABLE
GLASS-D	NOT APPLICABLE

IRONMONGERY - NOTES

NOT APPLICABLE

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

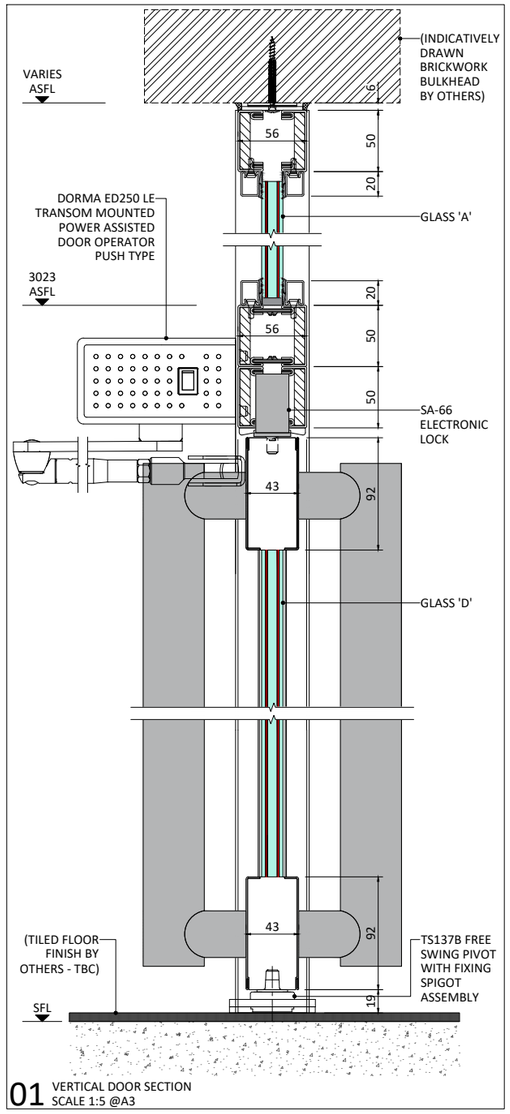
DRAWING TITLE:
GROUND FLOOR ADMIN LOBBY - SCREEN REF: S-G-057 - FIRETEC Ei30 SYSTEM - SECTION DETAILS & ELEVATION

DRAWN MR CHECKED JB RPG REF L5626

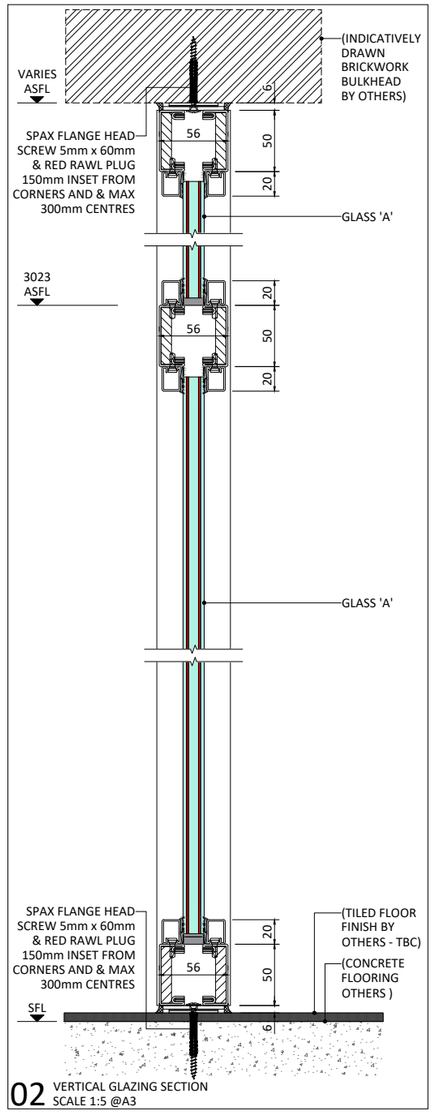
DRAWING NUMBER: L5626-PLA-XX-00-DR-X-0006 STATUS REV: P01

L5626 Rev-01 Rutherford Building - Manchester

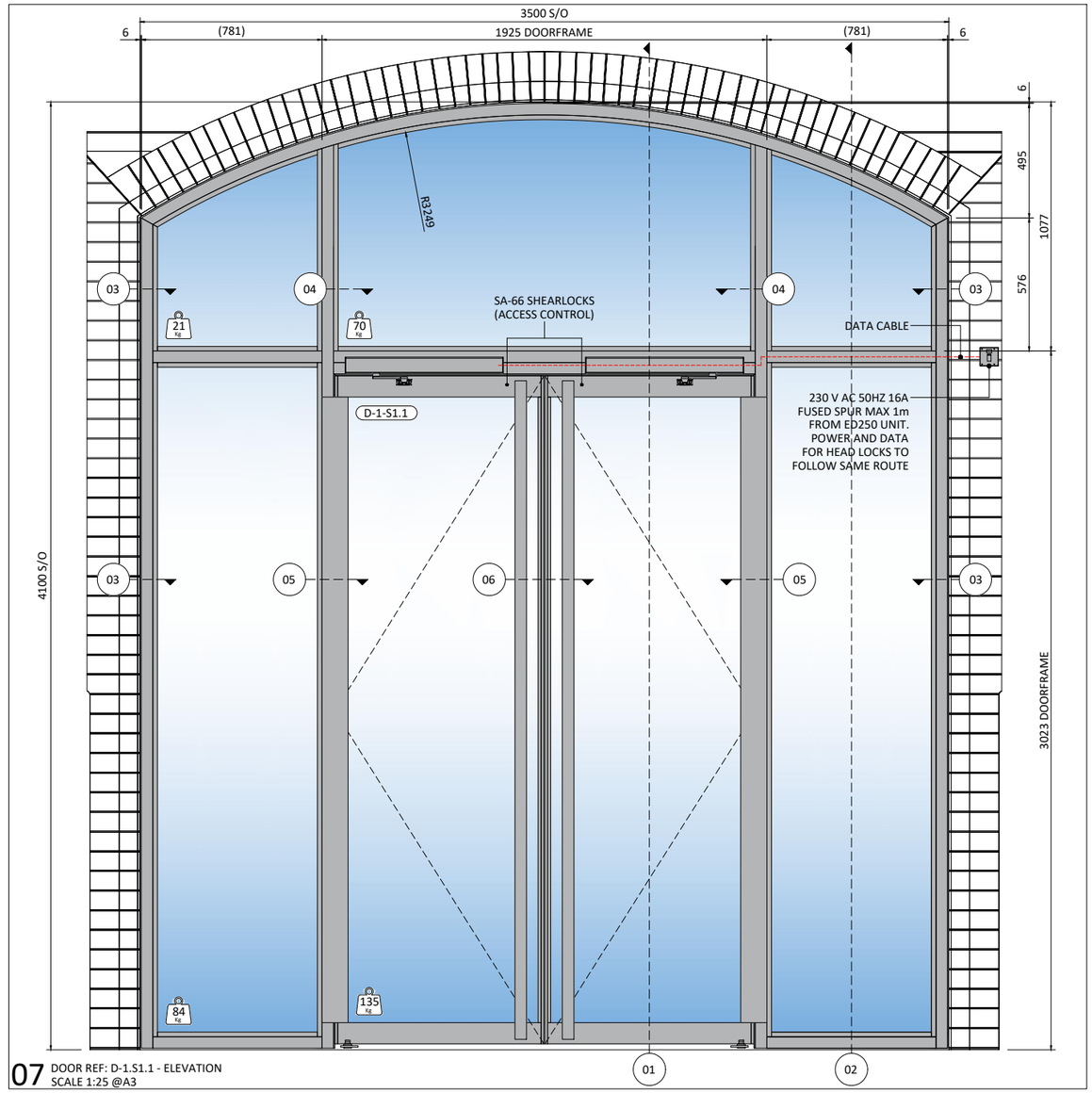
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



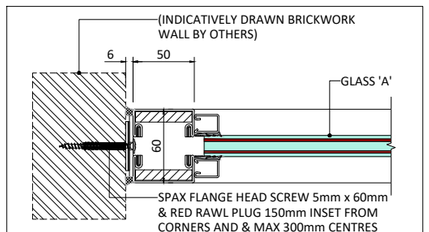
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



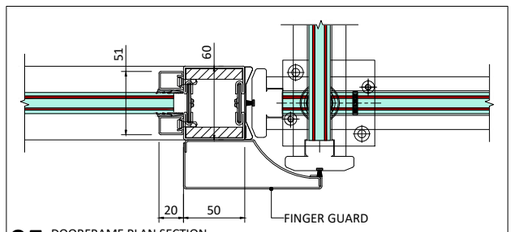
02 VERTICAL GLAZING SECTION
SCALE 1:5 @A3



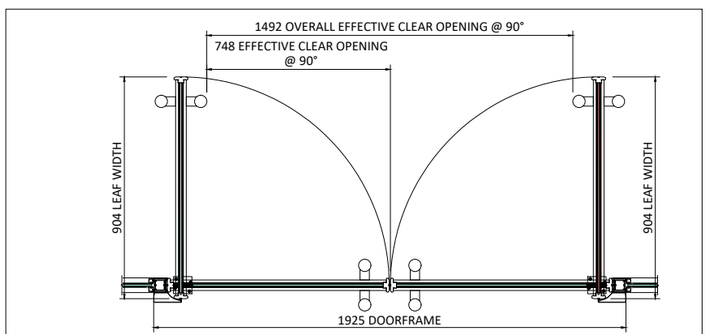
07 DOOR REF: D-1.S1.1 - ELEVATION
SCALE 1:25 @A3



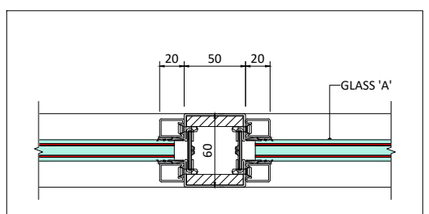
03 ABUTMENT DETAIL
SCALE 1:5 @A3



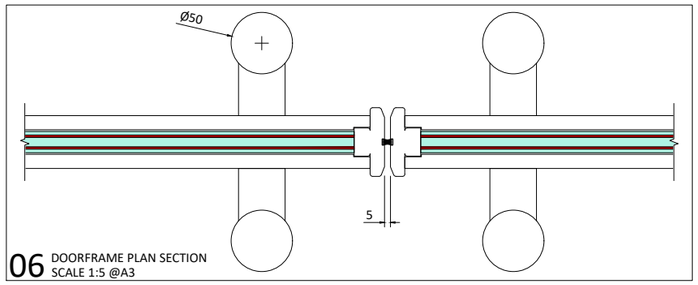
05 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



08 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3



04 VERTICAL MULLION DETAIL
SCALE 1:5 @A3



06 DOORFRAME PLAN SECTION
SCALE 1:5 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

EQUALITY ACT 2010 / AD PART M NOTE ;
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE. OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N). ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G. DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES, IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec Ei30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM
MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO
BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

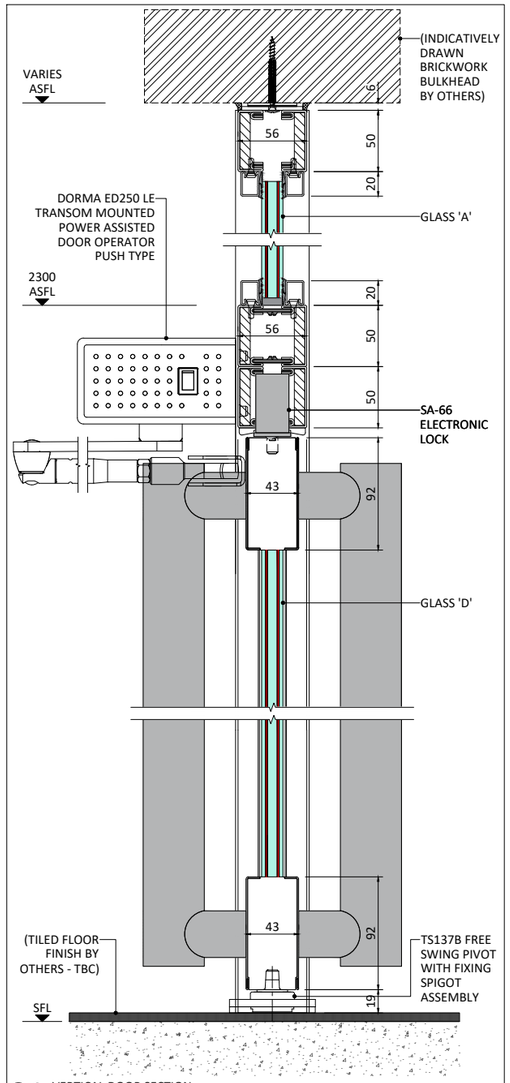
DRAWING TITLE:
FIRST FLOOR CORRIDOR - DOOR REF: D-1.S1.1 - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

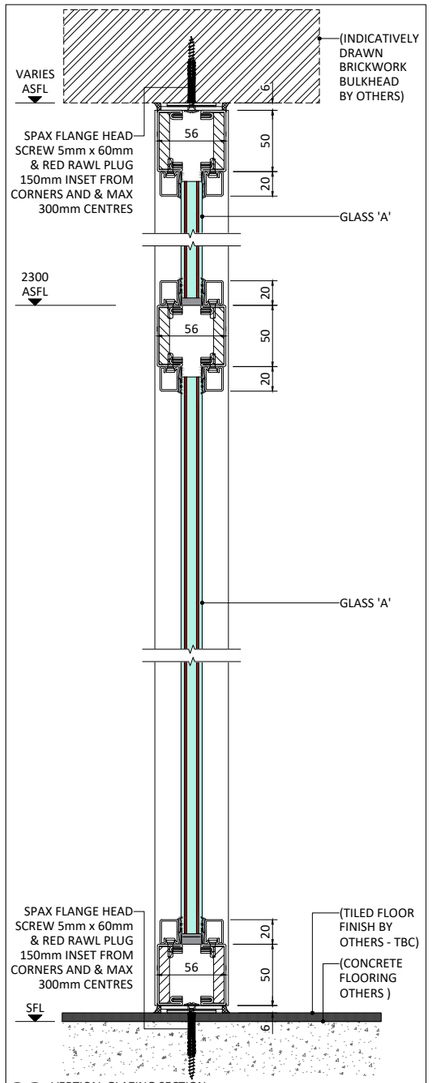
DRAWING NUMBER L5626-PLA-XX-01-DR-X-0007 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

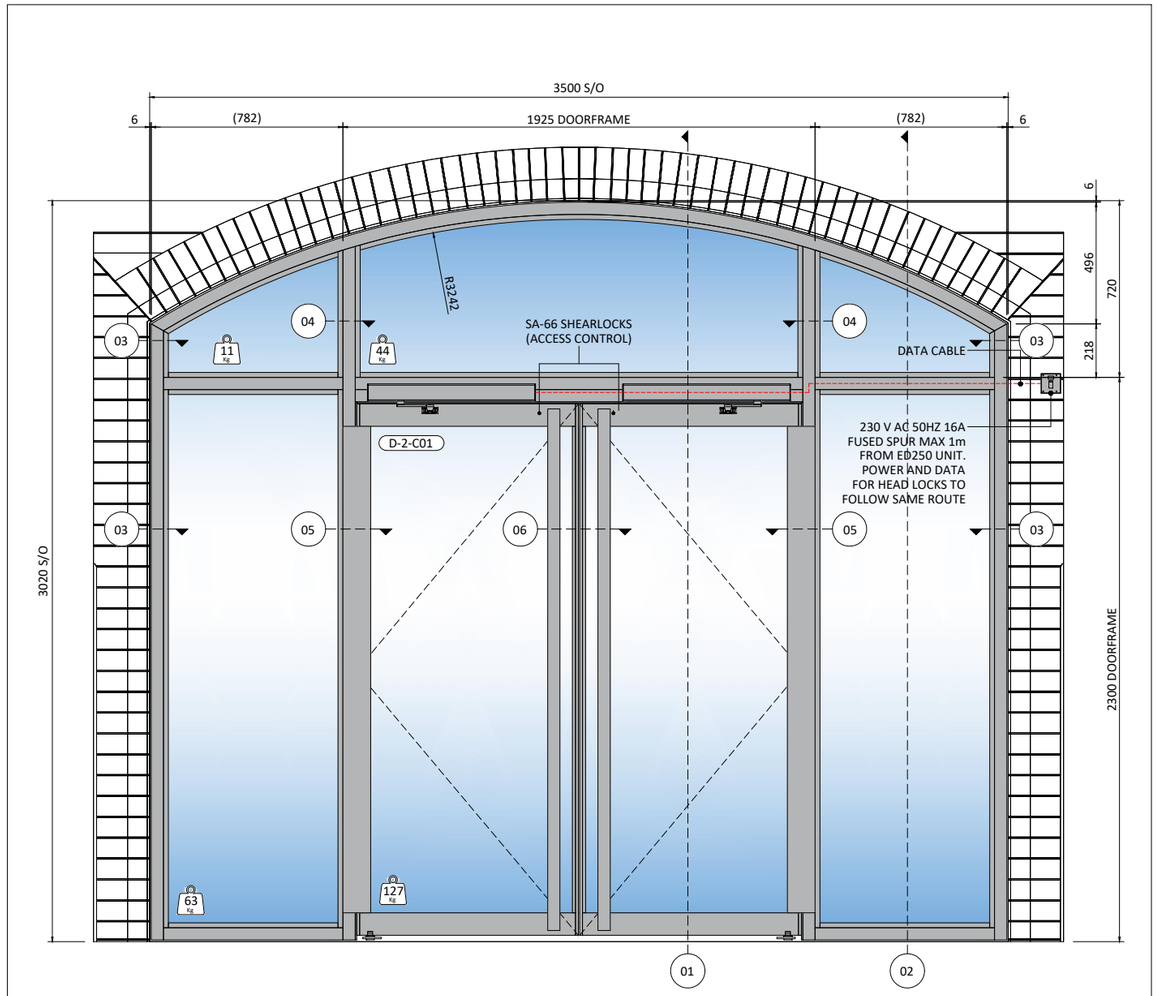
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



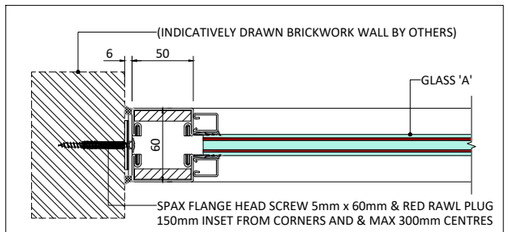
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



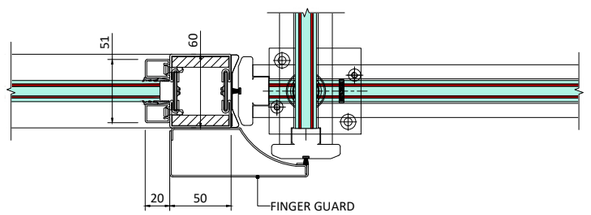
02 VERTICAL GLAZING SECTION
SCALE 1:5 @A3



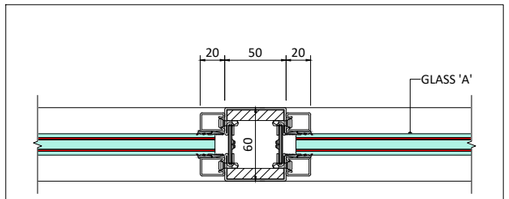
07 DOOR REF: D-2-C01 - ELEVATION
SCALE 1:25 @A3



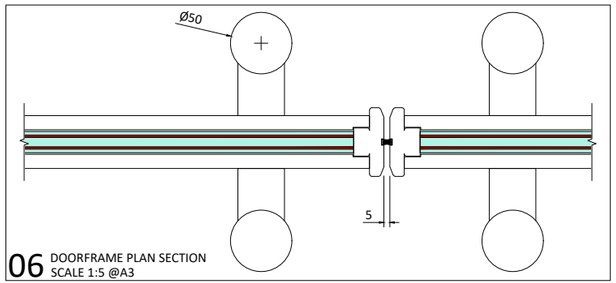
03 ABUTMENT DETAIL
SCALE 1:5 @A3



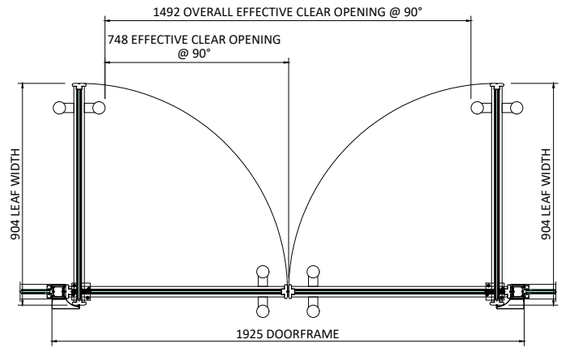
05 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



04 VERTICAL MULLION DETAIL
SCALE 1:5 @A3



06 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



08 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.

EQUALITY ACT 2010 / AD PART M NOTE ;
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE. OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N). ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G. DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES, IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec EI30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM
MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO
BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

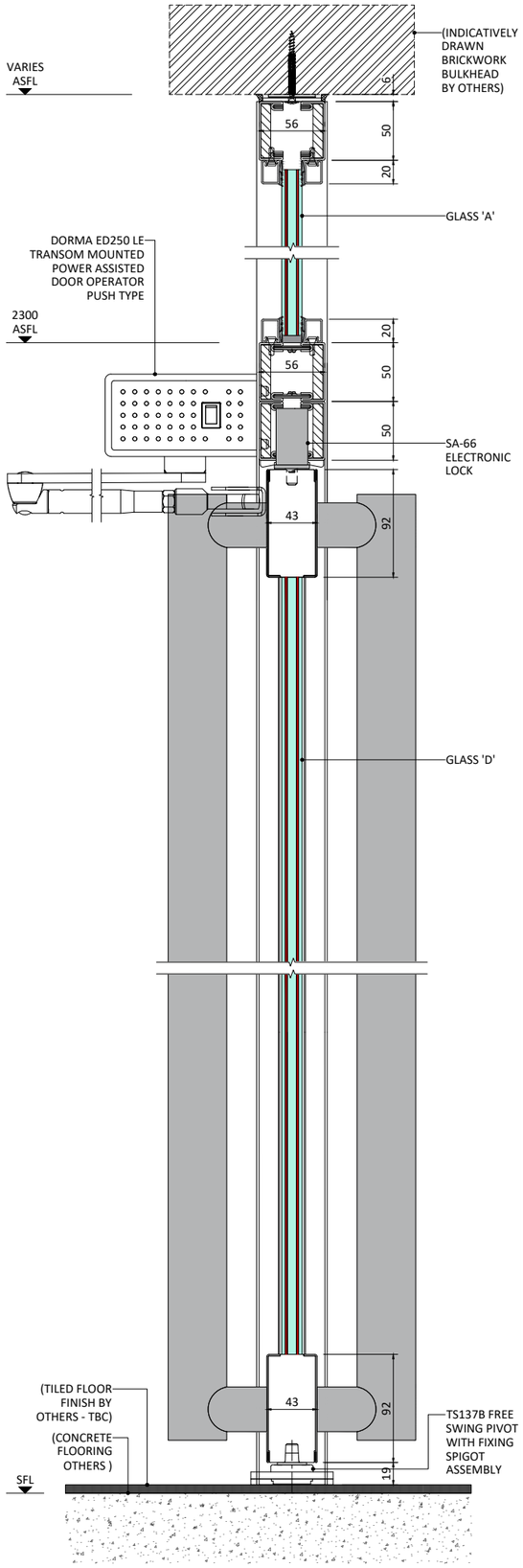
DRAWING TITLE:
SECOND FLOOR CORRIDOR - DOOR REF: D-S-C01 - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

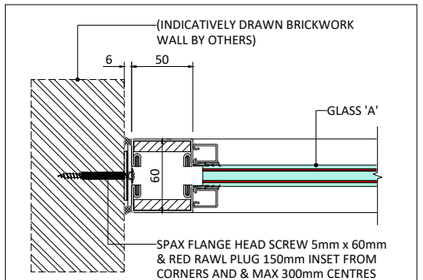
DRAWING NUMBER L5626-PLA-XX-02-DR-X-0008 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

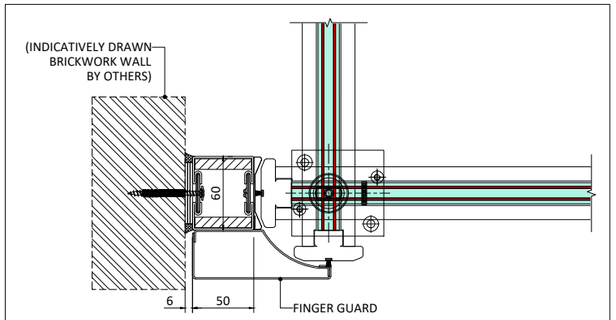
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



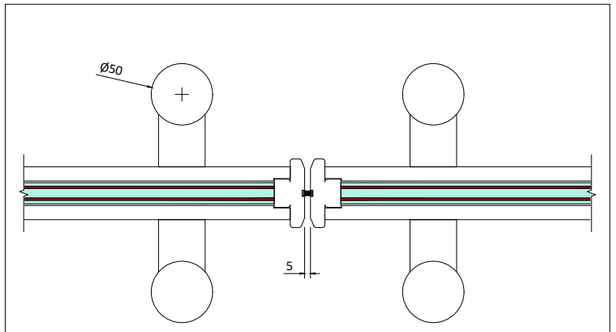
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



02 ABUTMENT DETAIL
SCALE 1:5 @A3



03 DOORFRAME PLAN SECTION
SCALE 1:5 @A3



04 DOORFRAME PLAN SECTION
SCALE 1:5 @A3

EQUALITY ACT 2010 / AD PART M NOTE;

PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE.

OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N).

ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G.

DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES,

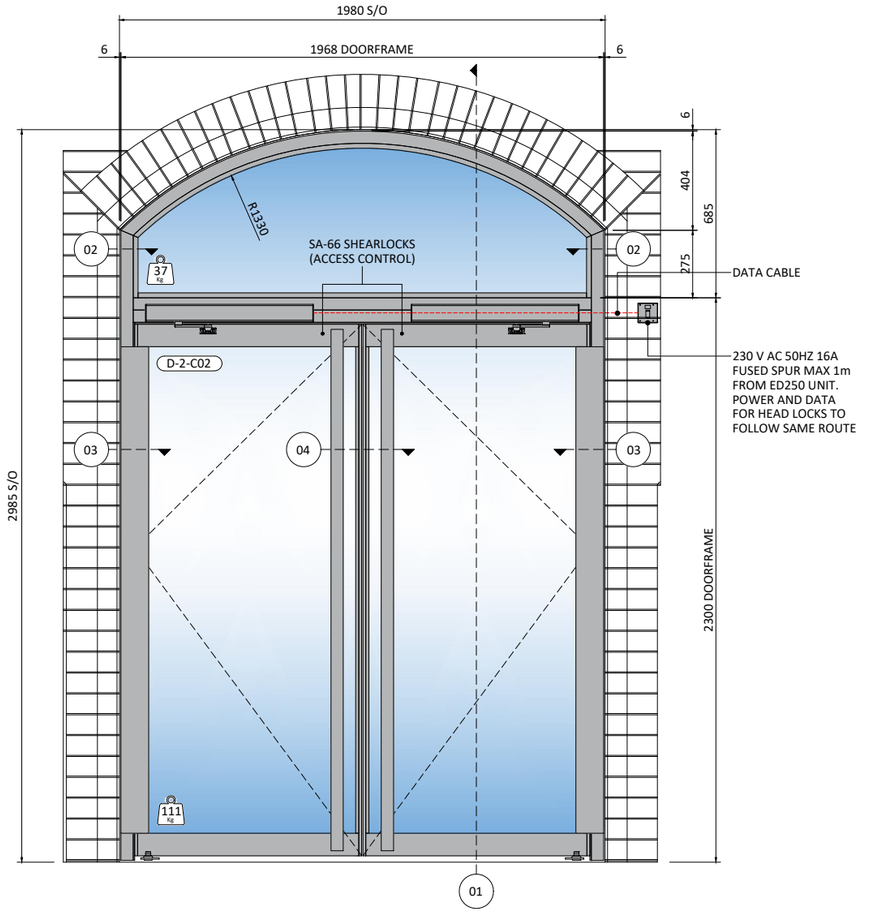
IN ORDER TO ENSURE COMPLIANCE.
WE WOULD ALWAYS RECOMMEND EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.

GENERAL DRAWING NOTES

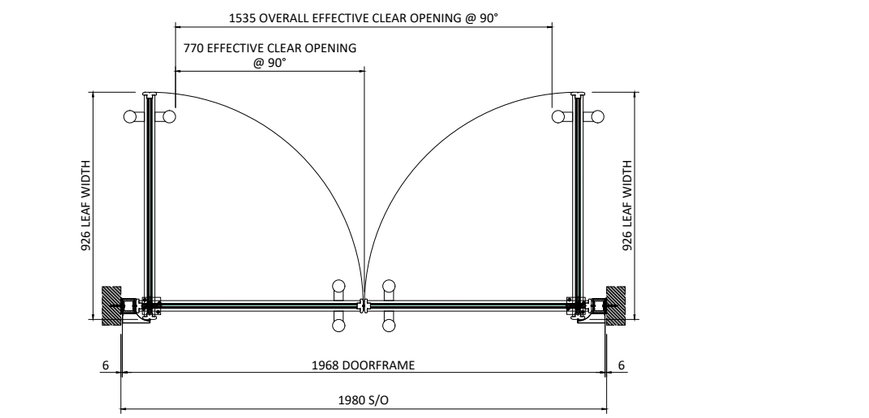
STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.



05 DOOR REF: D-2-C02 - ELEVATION
SCALE 1:25 @A3



06 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

CDM RESIDUAL RISKS

THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS

MANUAL HANDLING
~~WORKING AT HEIGHT~~
CUTS & LACERATIONS
~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)

FireTec Ei30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (* =THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	NOT APPLICABLE	30RwdB

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES

FREE SWING FLOOR PIVOT
DORMA ED-250 LOW ENERGY TRANSOM MOUNTED POWER ASSISTED DOOR OPERATOR
Ø50mm FULL HEIGHT GUARDSMAN BACK TO BACK PULL HANDLES (SSS)
SA-66 ELECTRONIC LOCK
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION

BY OTHERS

FIRE RATED FIXINGS

ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

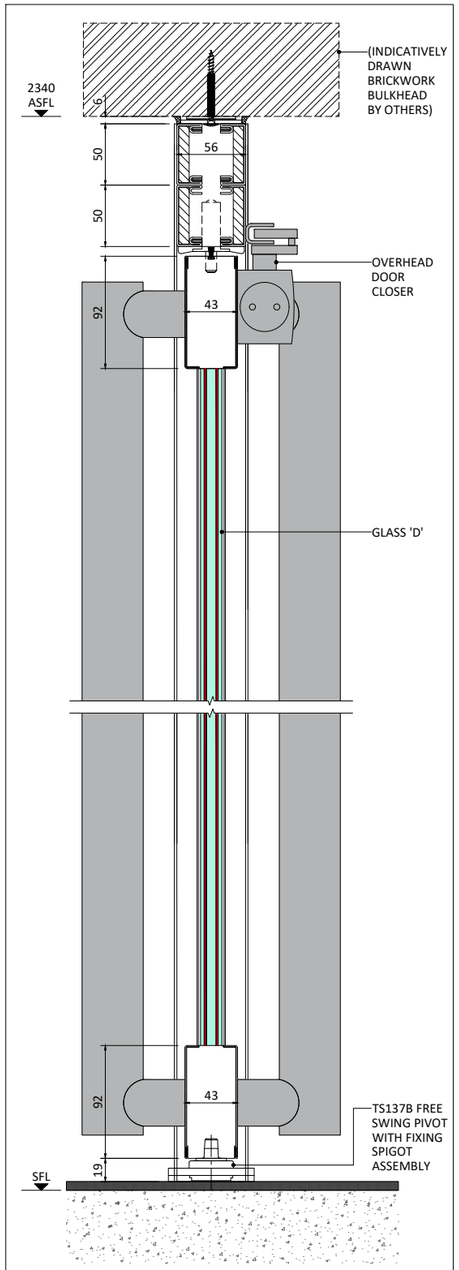
DRAWING TITLE:
SECOND FLOOR CORRIDOR - DOOR REF: D-2-C02 - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626

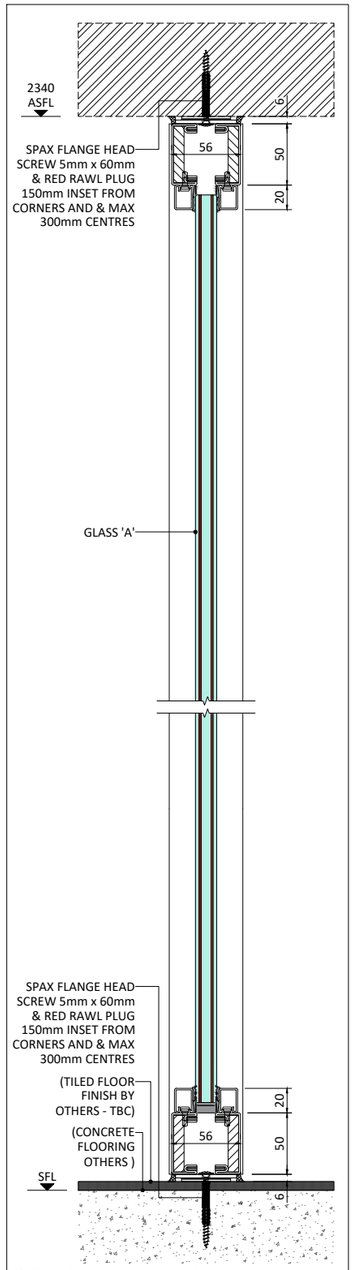
DRAWING NUMBER L5626-PLA-XX-02-DR-X-0009 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester

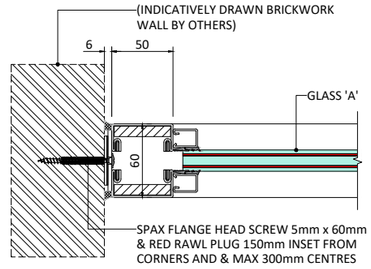
THIS DRAWING/DOCUMENT IS COPYRIGHT AND PROPERTY OF RADII PLANET GROUP LTD. IT MUST NOT BE COPIED (IN WHOLE OR IN PART), USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT FROM THE COMPANY.ANY COPIES OF THIS DRAWING/DOCUMENT MADE BY ANY METHOD MUST CONTAIN THIS LEGEND.



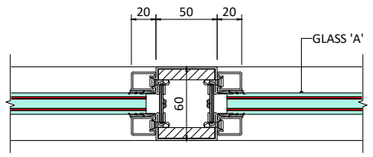
01 VERTICAL DOOR SECTION
SCALE 1:5 @A3



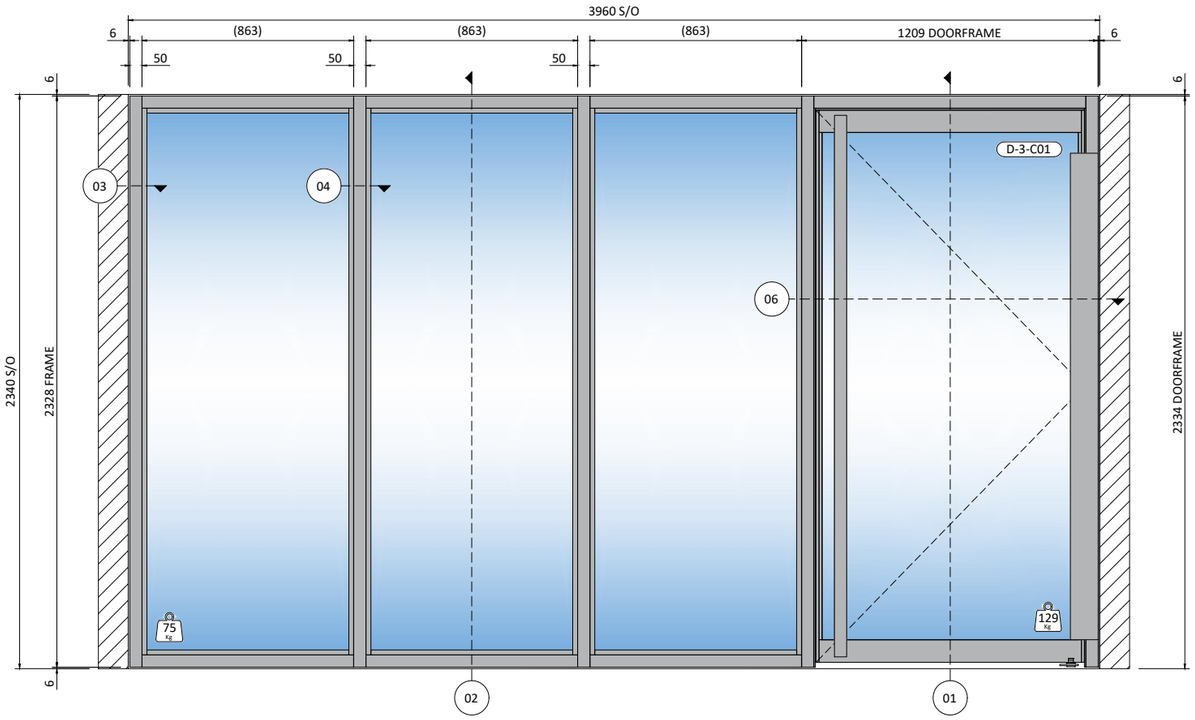
02 VERTICAL GLAZING SECTION
SCALE 1:5 @A3



03 ABUTMENT DETAIL
SCALE 1:5 @A3



04 VERTICAL MULLION DETAIL
SCALE 1:5 @A3



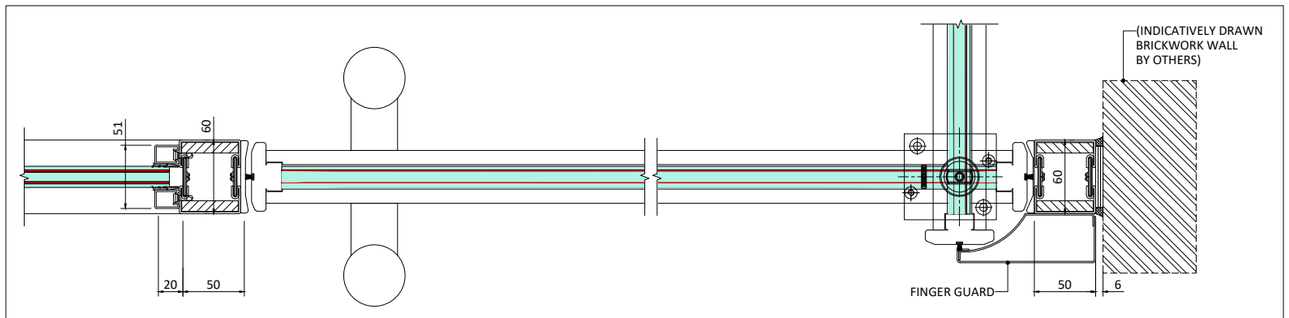
05 DOOR REF: D-3-C01 - ELEVATION
SCALE 1:25 @A3

GENERAL DRAWING NOTES

STRUCTURAL OPENINGS:
UNLESS SPECIFICALLY STATED ALL STRUCTURAL OPENING SIZES ARE NOT SITE MEASURED.

FIXED/REMOVABLE GLAZING BEADS:
DRAWN WITH FIXED GLAZING BEADS, SEE 'TECHNICAL INFORMATION PAGE' FOR INTERCHANGEABLE FRAMEWORK OPTIONS.

GROUNDS:
ALL LIGHTWEIGHT JUNCTIONS (DRYWALL/MF-SUSPENDED CEILINGS) REQUIRE A TIMBER GROUND/PATRESS THAT IS PROCURED AND INSTALLED BY OTHERS PRIOR TO PARTITION INSTALLATION.



06 DOORFRAME PLAN SECTION
SCALE 1:5 @A3

EQUALITY ACT 2010 / AD PART M NOTE ;

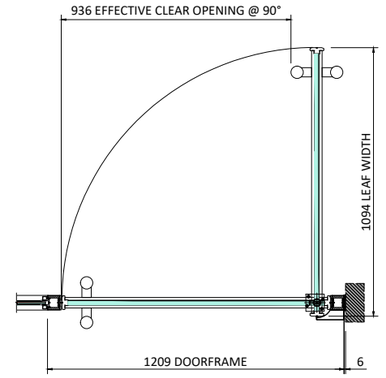
PREDICTING FINAL OPENING / CLOSING FORCES BEFORE INSTALLATION IS IMPOSSIBLE.

OPENING / CLOSING FORCES FOR DOORS WITH SELF-CLOSING MECHANISMS MAY NOT BE COMPLIANT WITH APPROVED DOCUMENT PART M. THIS APPLIES TO WIDE AND/OR HEAVY NON FIRE-RATED DOORS WHICH OFTEN DO NOT FACILITATE A COMPLIANT MAXIMUM OPENING FORCE OF (30N).

ADDITIONALLY THE PRESENCE OF AIR PRESSURE WITHIN CIRCULATION AREAS AND THE EFFECT OF AIR HANDLING, OR CONDITIONING, CAN RESULT IN DIFFERENTIAL FORCES THROUGHOUT A BUILDING. THEREFORE, THE CLIENT DESIGN TEAM MAY NEED TO CONSIDER ADDITIONAL OPTIONS FOR SELF-CLOSING DOORS, E.G.

DOOR AUTOMATION / ELECTROMAGNETIC HOLD OPEN DEVICES,

IN ORDER TO ENSURE COMPLIANCE WE WOULD ALWAYS RECOMMEND
EARLY CONSULTATION WITH THE BUILDING CONTROL AUTHORITY IN CIRCUMSTANCES WHERE FIRE STRATEGY AND AD PART M COMPLIANCE ARE CONFLICTED AS DESCRIBED ABOVE.



07 EFFECTIVE CLEAR WIDTH PLAN
SCALE 1:25 @A3

CDM RESIDUAL RISKS
THIS DRAWING HAS BEEN REVIEWED AGAINST CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND KNOWN SIGNIFICANT RESIDUAL RISKS HAVE BEEN IDENTIFIED BELOW

IDENTIFIED HAZARDS
MANUAL HANDLING — CUTS & LACERATIONS
~~WORKING AT HEIGHT~~ — ~~FALL FROM HEIGHT~~

SYSTEM TYPE(S)
FireTec
EI30

SYSTEM SPECIFICATION

FIRE RATING	LINE LOAD	DEFLECTION
NIL	0.36kN	NIL

ACOUSTIC RATING (*=THROUGH GLASS ONLY VALUE)

SCREEN	SINGLE DOOR	DOUBLE DOORS
*39RwdB	30RwdB	NOT APPLICABLE

SYSTEM MATERIALS & FINISHES

MATERIAL	STEEL
FINISH	RAL 7022 30 % (UMBRA GREY)
GLASS-A	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS
GLASS-B	NOT APPLICABLE

DOOR SPECIFICATION

PRODUCT	FIRETEC
MATERIAL	STEEL
GLASS-D	PYROSEC 16 ANNEALED ACOUSTIC
	MULTI LAMINATE FIRE GLASS

IRONMONGERY - NOTES
FREE SWING FLOOR PIVOT
TRANSOM MOUNTED OVERHEAD DOOR CLOSER
Ø50mm FULL HEIGHT GUARDSMAN BACK TO BACK PULL HANDLES (SSS)
FINGER GUARDS
FLOOR MOUNTED DOORSTOPS (SSS)

MANIFESTATION
BY OTHERS

FIRE RATED FIXINGS
ALL FIXINGS SUBJECT TO FACTORY SETTING OUT POSITIONS, UNLESS OTHERWISE STATED

REV.	DATE	COMMENTS	DRAWN
P01	07/10/24	PRELIMINARY ISSUE	MR

Radii Planet.
NORTH DIVISION
UNIT 6 MAPLE PARK LOWFIELDS AVENUE
LEEDS LS12 6HH
T. 0113 204 8600
E. info@planetnorth.co.uk
W. www.planetpartitioning.co.uk

CLIENT:
SEDDON CONSTRUCTION LTD

PROJECT TITLE:
RUTHERFORD BUIDLING, MANCHESTER

DRAWING TITLE:
THIRD FLOOR STAIRWELL - DOOR REF: D-3-C01 - FIRETEC Ei30 SYSTEM - SECTION DETAILS, ELEVATION & CLEAR OPENING PLAN

DRAWN MR CHECKED JB RPG REF L5626
DRAWING NUMBER L5626-PLA-XX-03-DR-X-0010 STATUS REV P01

L5626 Rev-01 Rutherford Building - Manchester