

PIR Detector

360° PIR

B	Buzzer
CR	Card Reader
DU	Duress Push Button
ES	External Siren
FI	Fire Interface
GD	Glass Break Detector
GSM	GSM Cellular Dialler
HD	Heat Detector
IS	Internal Piezo
KP	Keypad
MD	Man Down
MDR	Man Down Receiver
MP	Mimic Panel
MS	Micro Switch
NS	Network Switch
I	Cabinet
PP	Point to Point Beam
PW	Pre Wire
RS	Reed Switch
SD	Smoke Detector
SH	Shock Sensor
SI	Set AIL
SL	Strobe Light
SVRi	Server
WKI	Workstation
T	Data
PT	Telephone

PIR Detector

360° PIR

a	Cabinet
a	Security Equipment Rack
AD	Auto Door
B	Buzzer
BA	Barrier Arm
BR	Biometric Reader
CE	Card Encoder
CL	Cabinet Lock
CP	Card Printer
CR	Card Reader
CR+	Card Reader with PIN's
CO	Cobalt Lock
DIL	Duress Indicator Light
DU	Duress Push Button
EDR	Emergency Door Release
ES	External Sounder
FI	Fire Interface
FR	Facial Reader
GC	Gate Control
GD	Glass Break Detector
GL	Gate Lock
GLP	Ground Loop
GM	Gate Motor
GSM	GSM Cellular Dialler
HO	Hold Open
IL	Interlock
IS	Internal Sounder

JB	Junction Box
KP	Keypad
KS	Keyswitch
LM	Lock Status Monitor
LS	Lock Signal
MC	Electric Mag Clamp
MD	Man Down
MDR	Man Down Receiver
ML	Electric Mortice Lock
MP	Mimic Panel
NS	Network Switch
P	Printer
PLL	PIR LED Light
PW	Pre Wire
RTE	Request to Exit
RR	Remote Release
RS	Reed Switch
RT	Wireless Transmitter
RX	Wireless Receiver
SB	Safety Beams
SD	Smoke Detector
SVRa	Server
TB	Tag Board
TI	Third Party Interface
VL	V Lock
VM	Visitor Management
WKa	Workstation
WL	Wireless Link
WR	Weigand Receiver

	F41 Camera
	Camera 360°
	Camera 270°
	PTZ Camera
	Camera
	External Dome Camera
	Internal Dome Camera
	Pinhole Camera
	Cabinet
	Security Equipment Rack
	Joy Stick
	Monitor
	Network Switch
	Pre Wire
	Recorder
	Workstation
	Wireless Receiver
	Wireless Link
	Wireless Transmitter

ICS	Intercom Call Station
IMS	Intercom Call Master Station
ic	Cabinet
NS	Network Switch
PW	Pre Wire Intercom
SVR.in	Server Intercom

AMP	AMP
MIC	Microphone
PW	Pre Wire PA
SF	Speacker Flush
SS	Speacker Surface

All Line Scale: 0.20

- Continuous
- Dash
- ISO Long Dash Dot
- ISO Long Dash Double Dot
- ISO Long Dash Triple Dot

Color 34, 0.80 mm

Mains	Low Power
230VAC	12VDC
Neutral	16VAC
Earth	24VAC
	- VDC

Main Comms	Other Comms	Security Cable
— Ethernet LAN	— 10-Way Ribbon	— 6-Core
— Challenger LAN	— RS485	— 6-Core Screened
— Fiber	— RS232	— 4-Core
	— PSTN Line	— 2-Core
ont Standard, 2.0		— 8-Core

Font Standard, 2.0

Color 30, 0.25 mm

8-Color

Color	Code	Color	Code
Red	RD	Blue White	BU/WH
Black	BK	Green White	GN/WH
White	WH	Orange White	OG/WH
Blue	BU	Brown White	BN/WH
Green	GN		
Yellow	YE		
Orange	OG		
Brown	BN		
Violet	VO		

[illegible]

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:	
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SITE:

**Advanced
Security**

DRAWING TYPE:

Standard Symbols & Lines

STATUS	
AS BUILT	

SCALE: N/A	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
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DRAWING No:		REV:
17-67117-000		RA1.0

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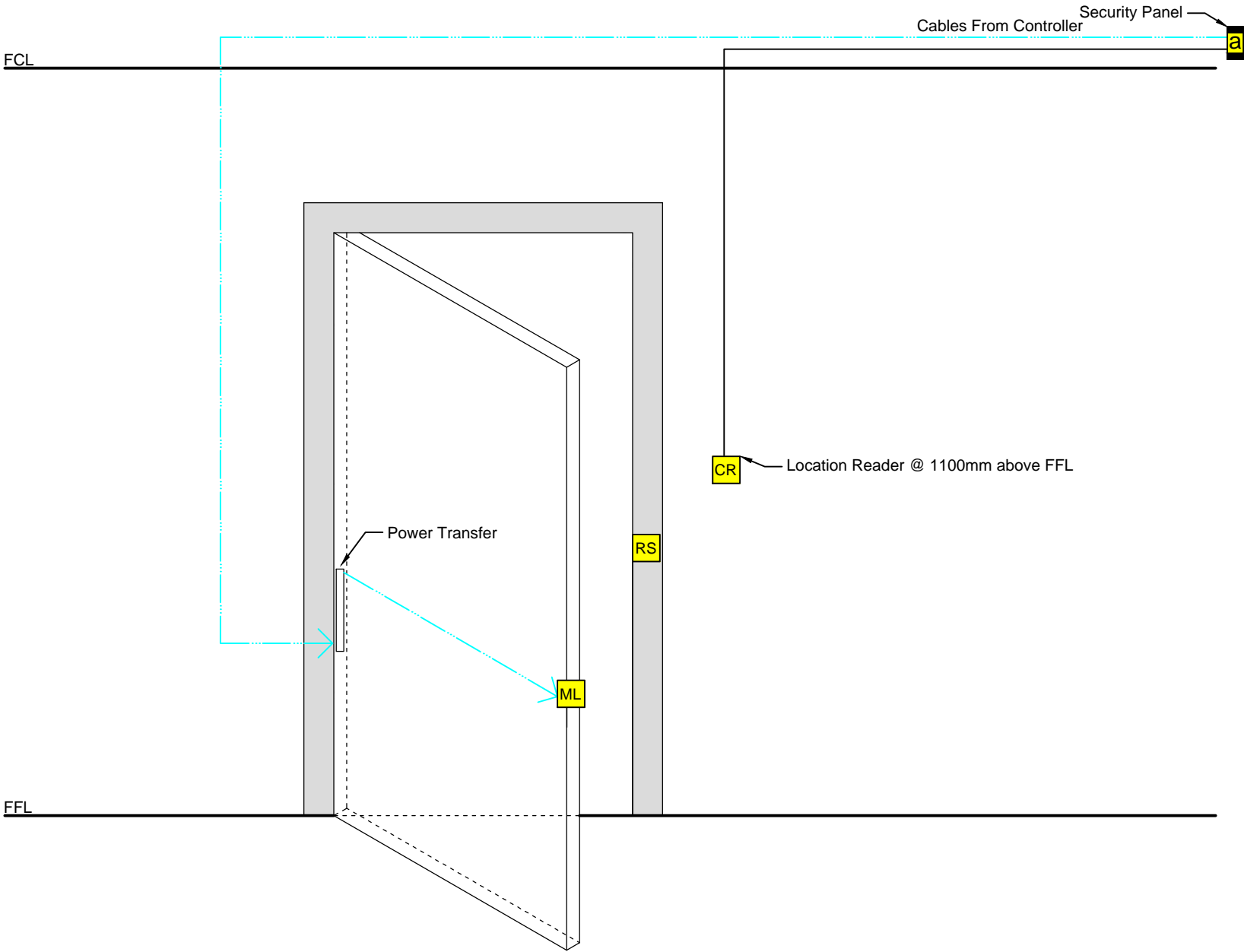
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm²	1 mm²	2 mm²
Reader	0.075	200 m	X	X
Mortice Lock	0.500	35	75	150

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

Advanced Security

Advanced Security Group Limited
665C Great South Road, Penrose
PO Box 112157
PENROSE
Toll free: 0508 000 080
www.asgl.co.nz

- Reader Cable
- 8-Core Cable
- a** ACS Cabinet
- CR** Card Reader
- ML** Mortice Lock
- RS** Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Mortice Lock

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-001	RA1.0

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Single Mag Clamp	0.490	35 m	75 m	150 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- a

ACS Cabinet
- RTE

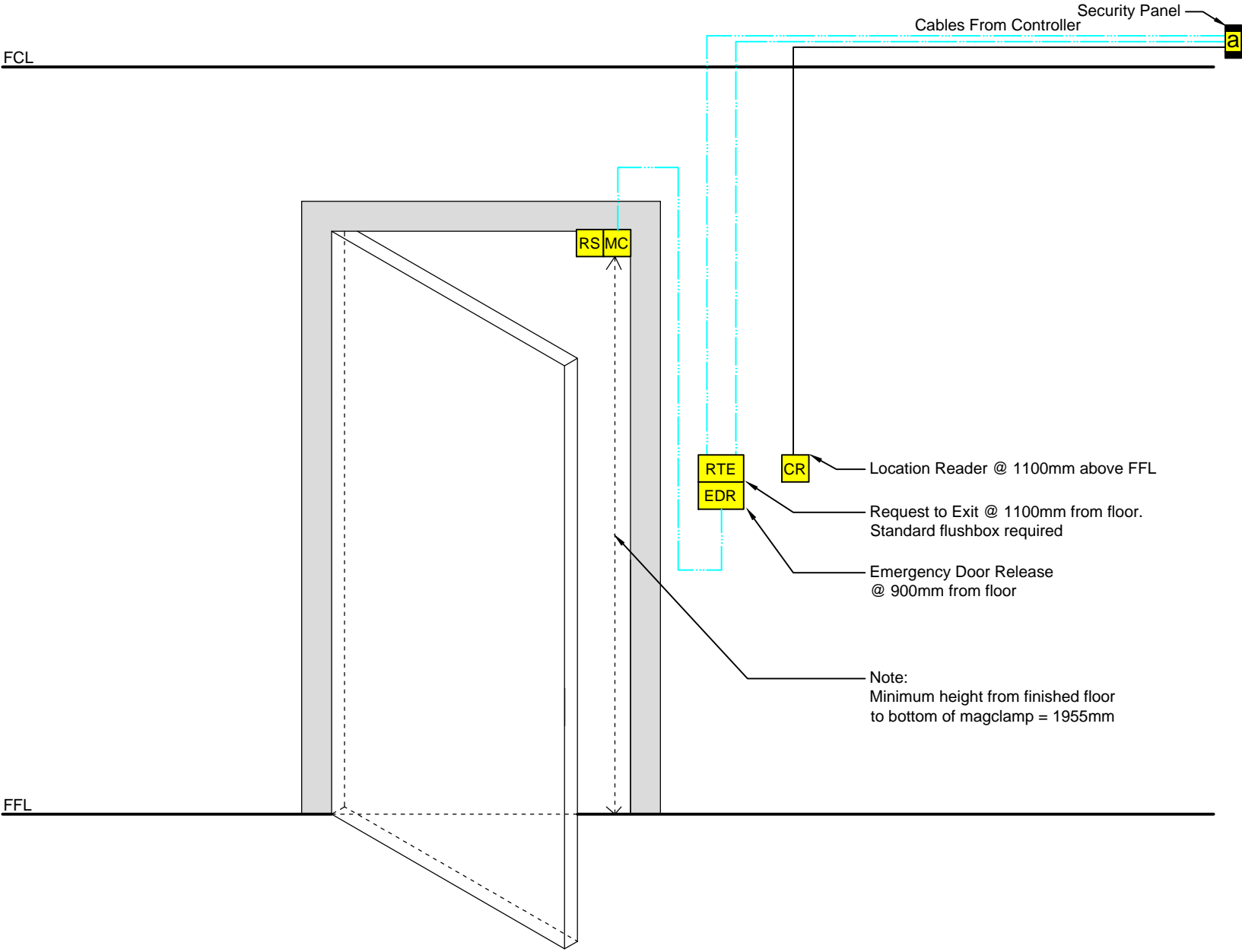
Request to Exit
- EDR

Emergency Door Release
- CR

Card Reader
- MC

Mag Clamp
- RS

Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for Single Mag Lock

STATUS

AS BUILT

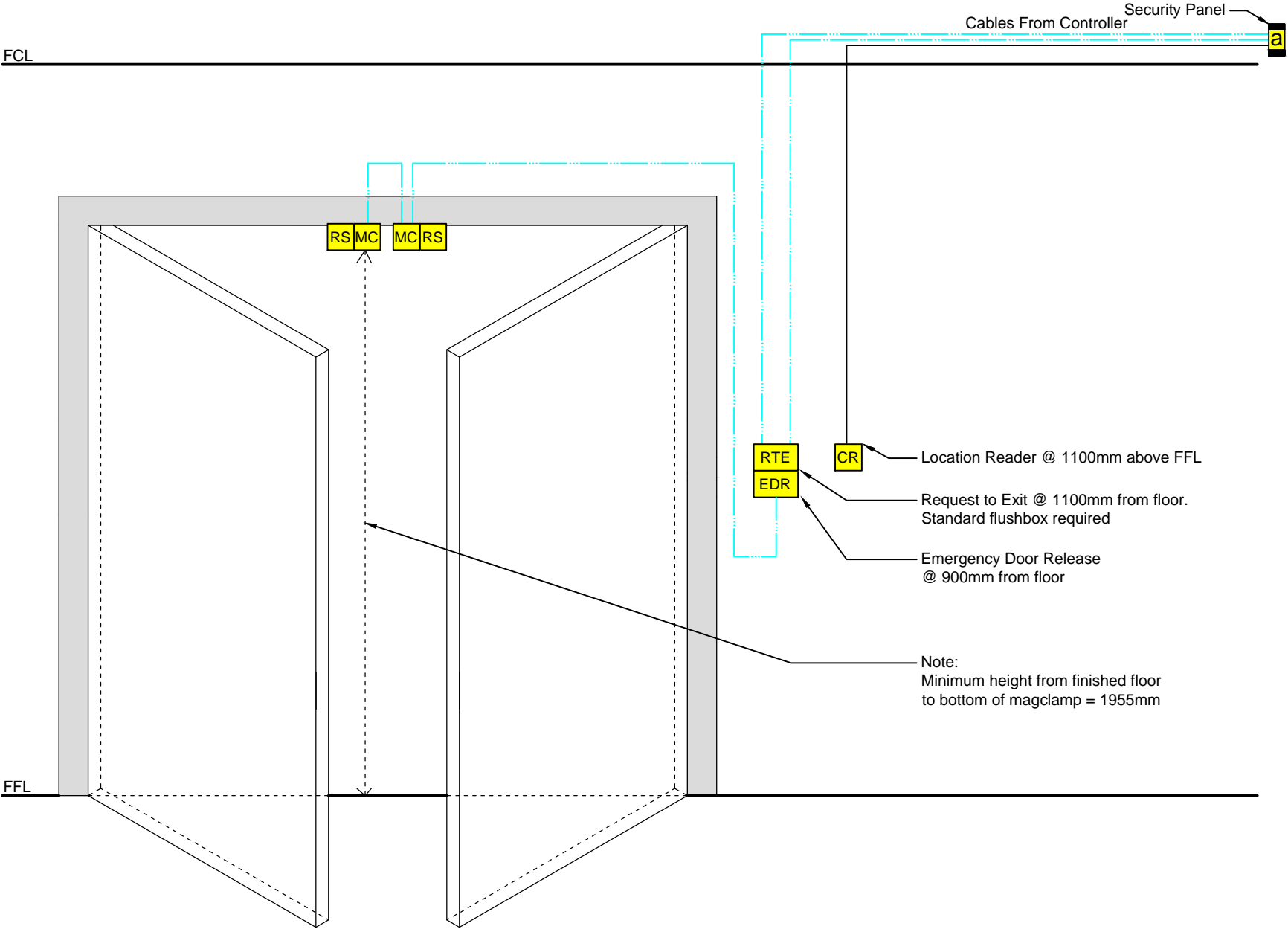
SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-002	RA1.0

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Double Mag Clamp	0.980	15 m	35 m	70 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200



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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- ACS Cabinet
- Request to Exit
- Emergency Door Release
- Card Reader
- Mag Clamp
- Reed Switch

REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for Double Mag Lock

STATUS

AS BUILT

SCALE: N/A

DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

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REV: RA1.0

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Single V-Lock	1.000	15 m	35 m	70 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- a

ACS Cabinet
- RTE

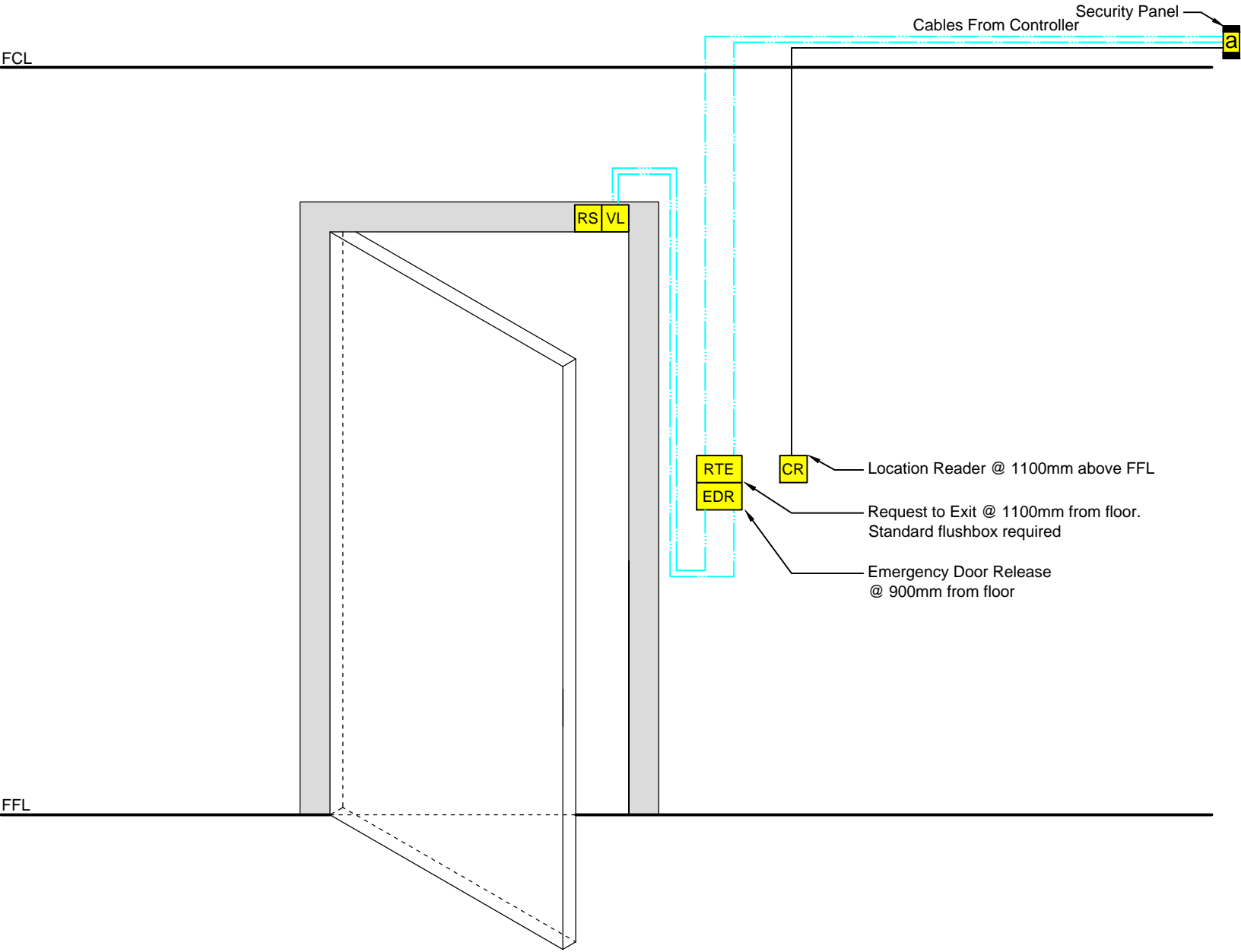
Request to Exit
- EDR

Emergency Door Release
- CR

Card Reader
- VL

V-Lock
- RS

Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Single V-Lock

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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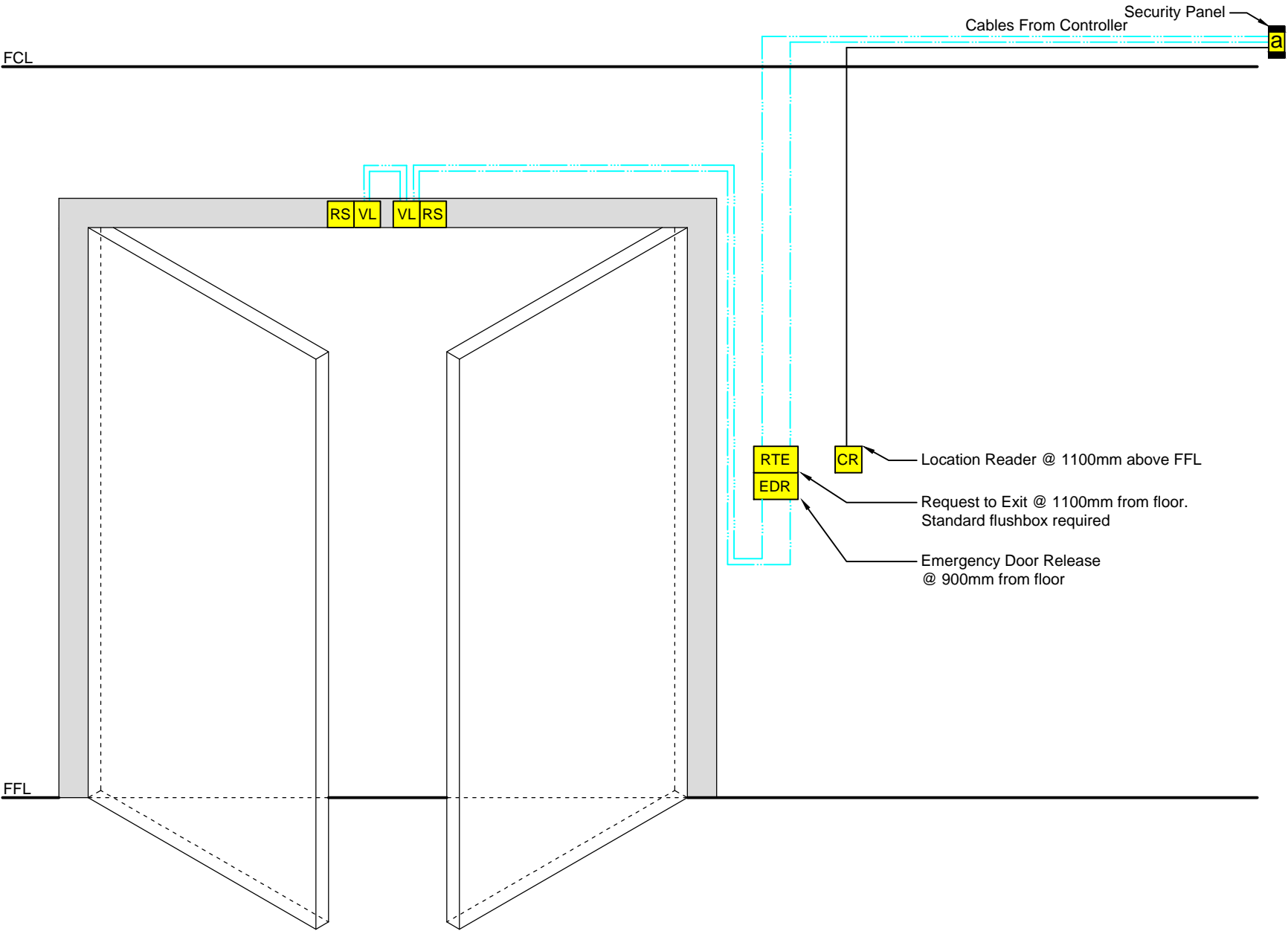
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Double V-Lock	2.000	X	18 m	36 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- aACS Cabinet
- RTERequest to Exit
- EDREmergency Door Release
- CRCard Reader
- VLV-Lock
- RSReed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
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GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for Double V-Lock

STATUS

AS BUILT

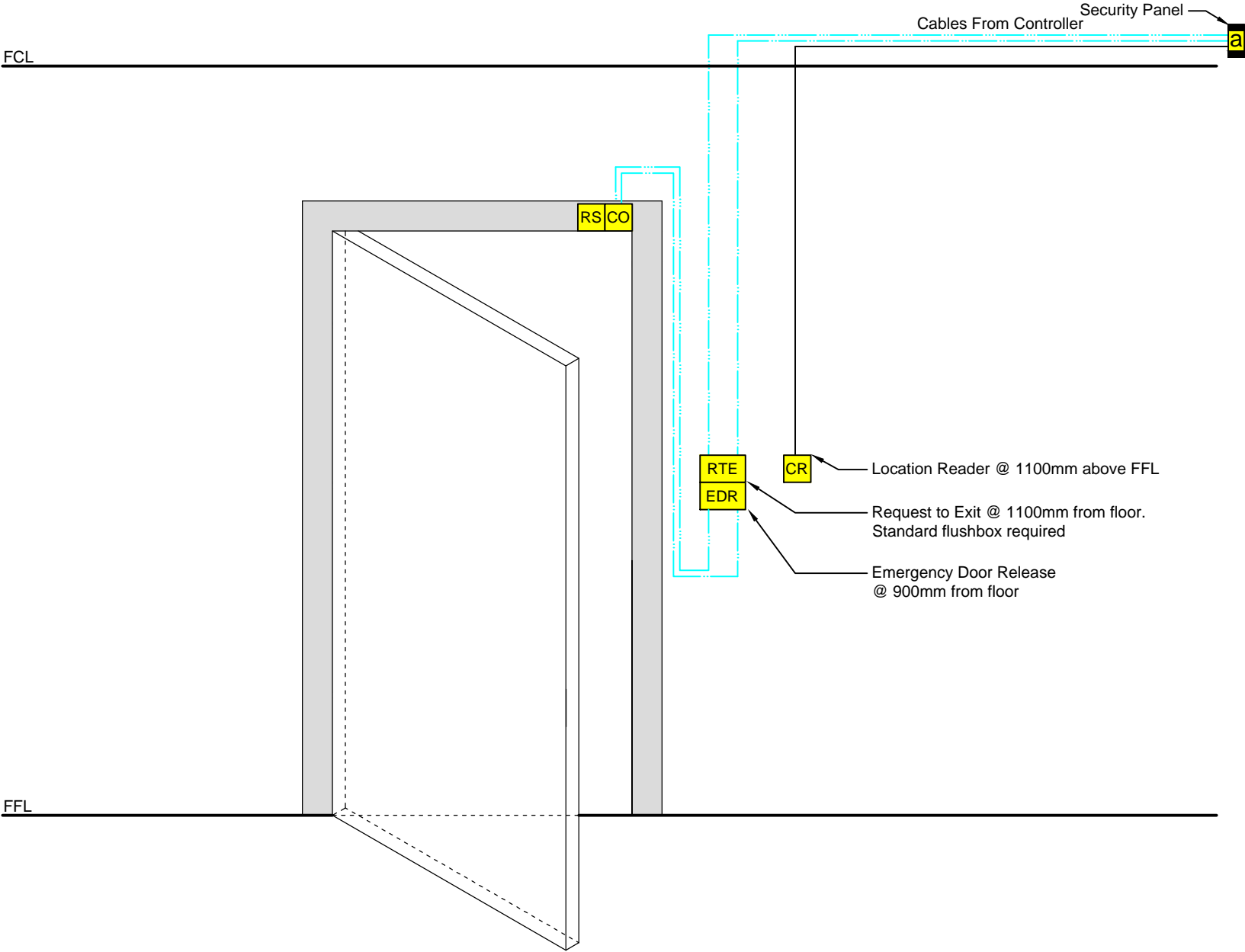
SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Single Cobalt Lock	1.000	15 m	35 m	70 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200



- Reader Cable
- 8-Core Cable
- 2-Core Cable
- ACS Cabinet
- Request to Exit
- Emergency Door Release
- Card Reader
- Cobalt Lock
- Reed Switch

REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for Single Cobalt Lock

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Double Cobalt Lock	2.000	X	18 m	36 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- a

ACS Cabinet
- RTE

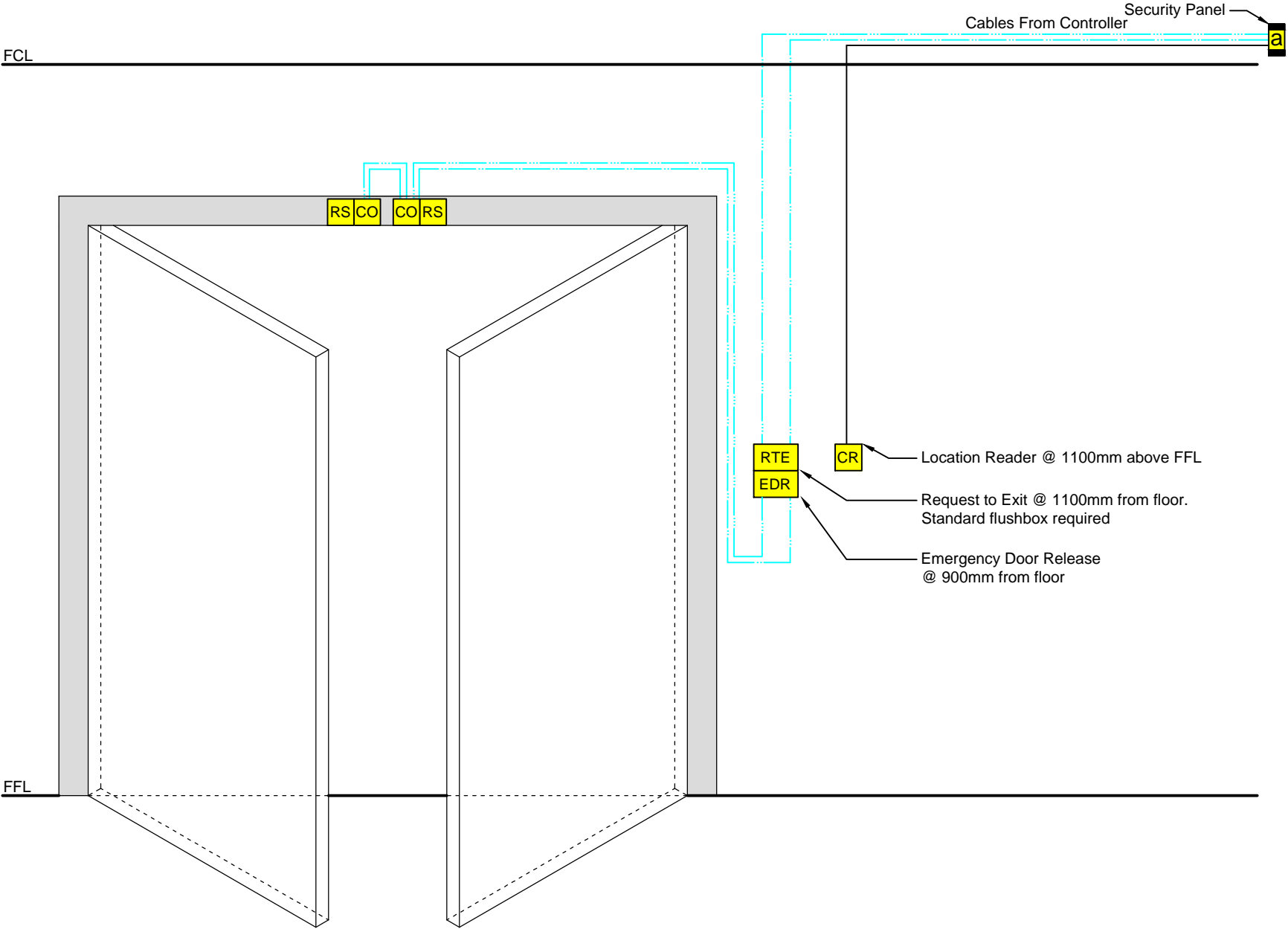
Request to Exit
- EDR

Emergency Door Release
- CR

Card Reader
- CO

Cobalt Lock
- RS

Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
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GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Double Cobalt Lock

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Gate Lock	0.870	20 m	40 m	85 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- a

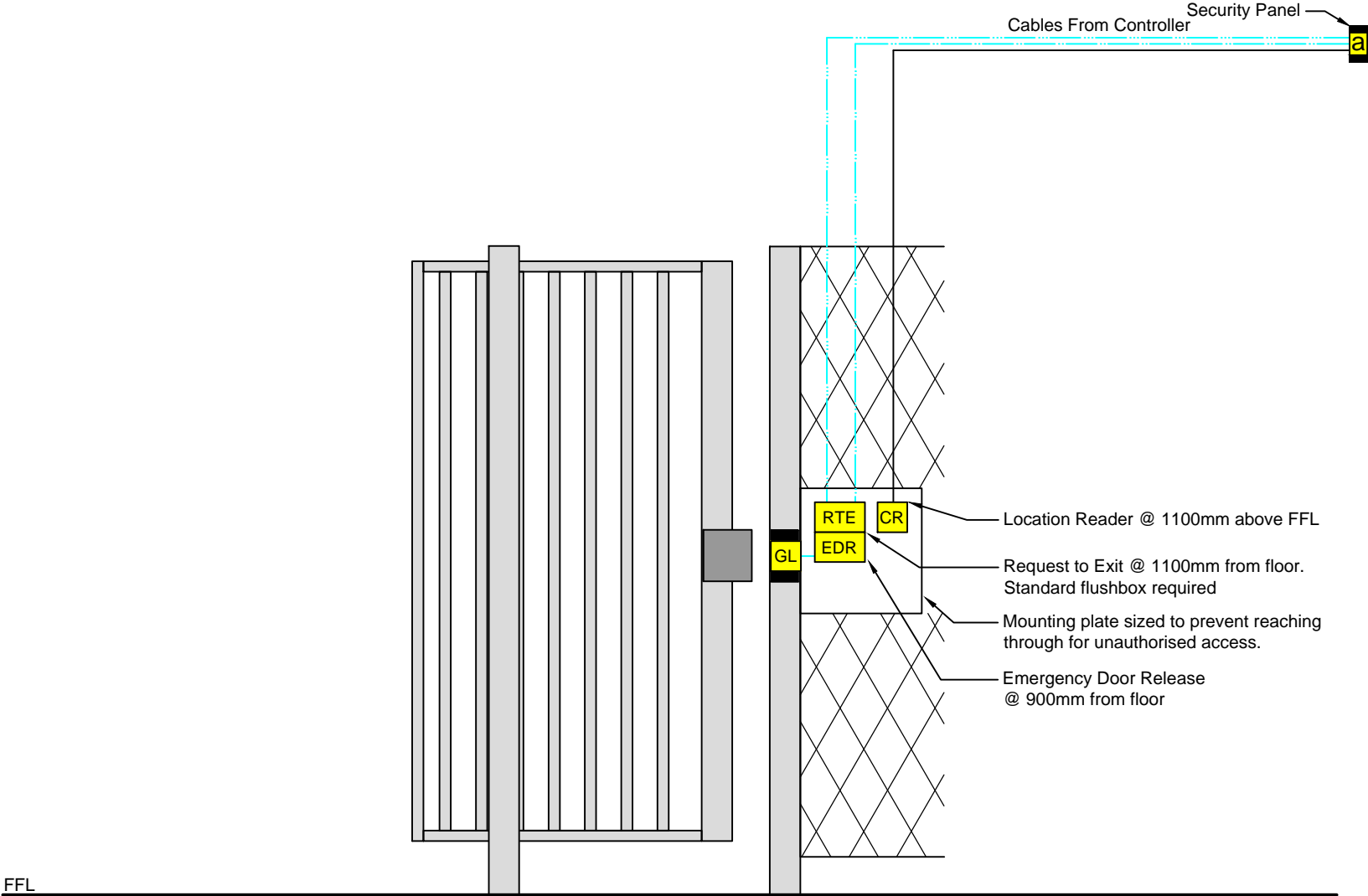
ACS Cabinet
- RTE

Request to Exit
- EDR

Emergency Door Release
- CR

Card Reader
- GL

Gate Lock



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for Gate Lock

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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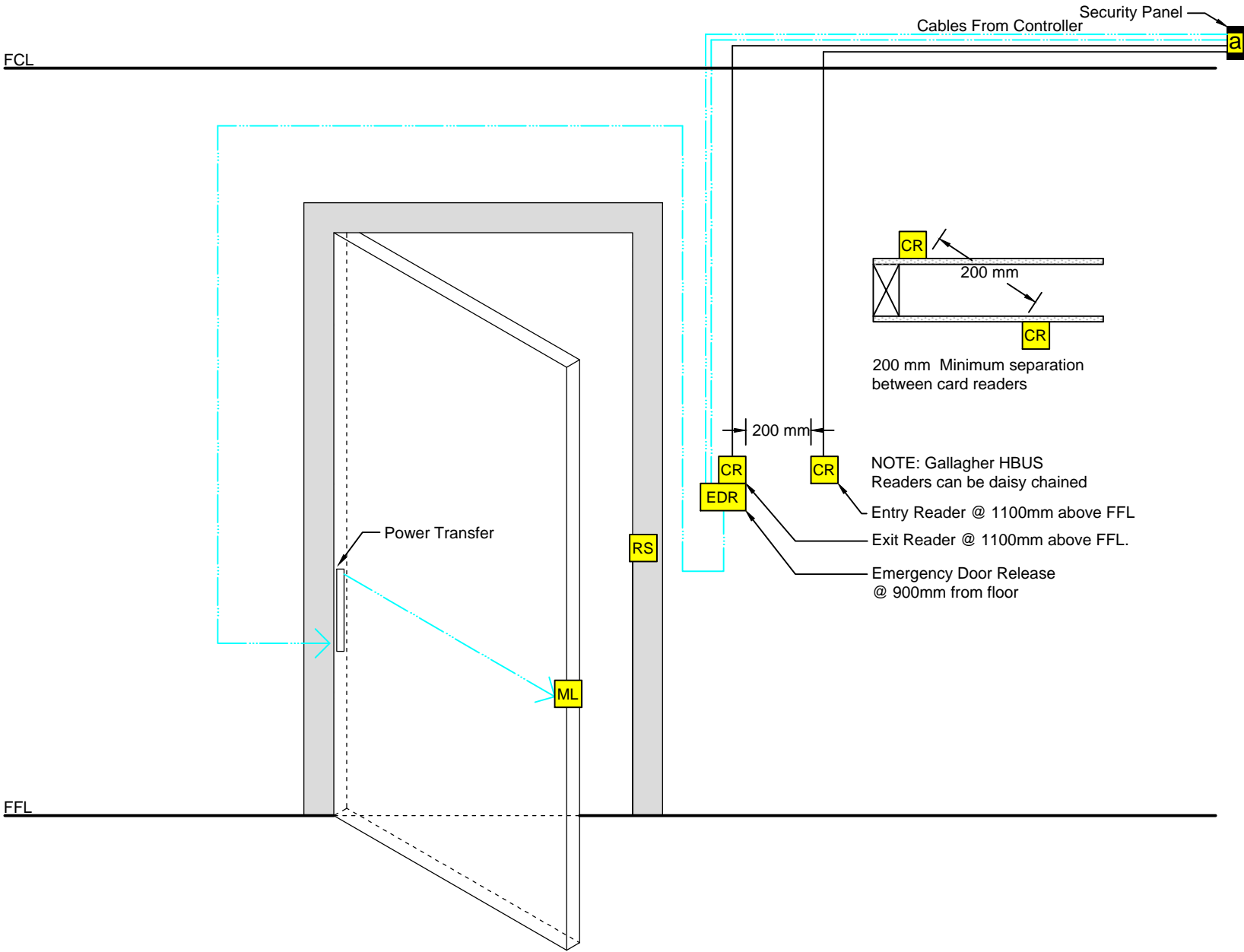
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm²	1 mm²	2 mm²
Reader	0.075	200 m	X	X
Mortice Lock	0.500	35	75	150

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
— 8-Core Cable
— 2-Core Cable
a ACS Cabinet
CR Card Reader
ML Mortice Lock
RS Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Mortice Lock
with Entry/Exit Readers

STATUS

AS BUILT

SCALE: N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
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REV: RA1.0

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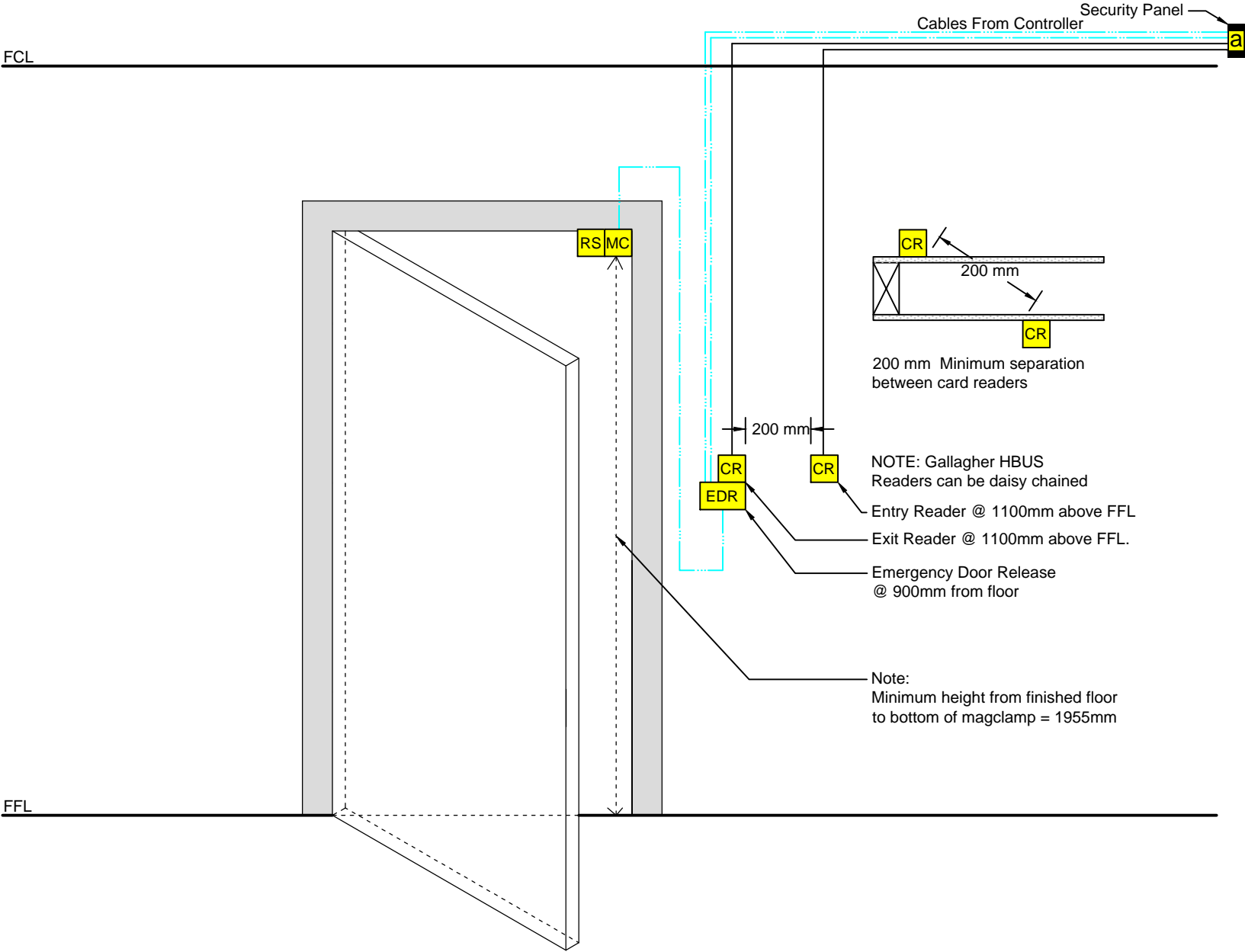
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Single Mag Clamp	0.490	35 m	75 m	150 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- ACS Cabinet
- Request to Exit
- Emergency Door Release
- Card Reader
- Mag Clamp
- Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
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CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Single Mag Clamp
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

17-67117-011

REV:

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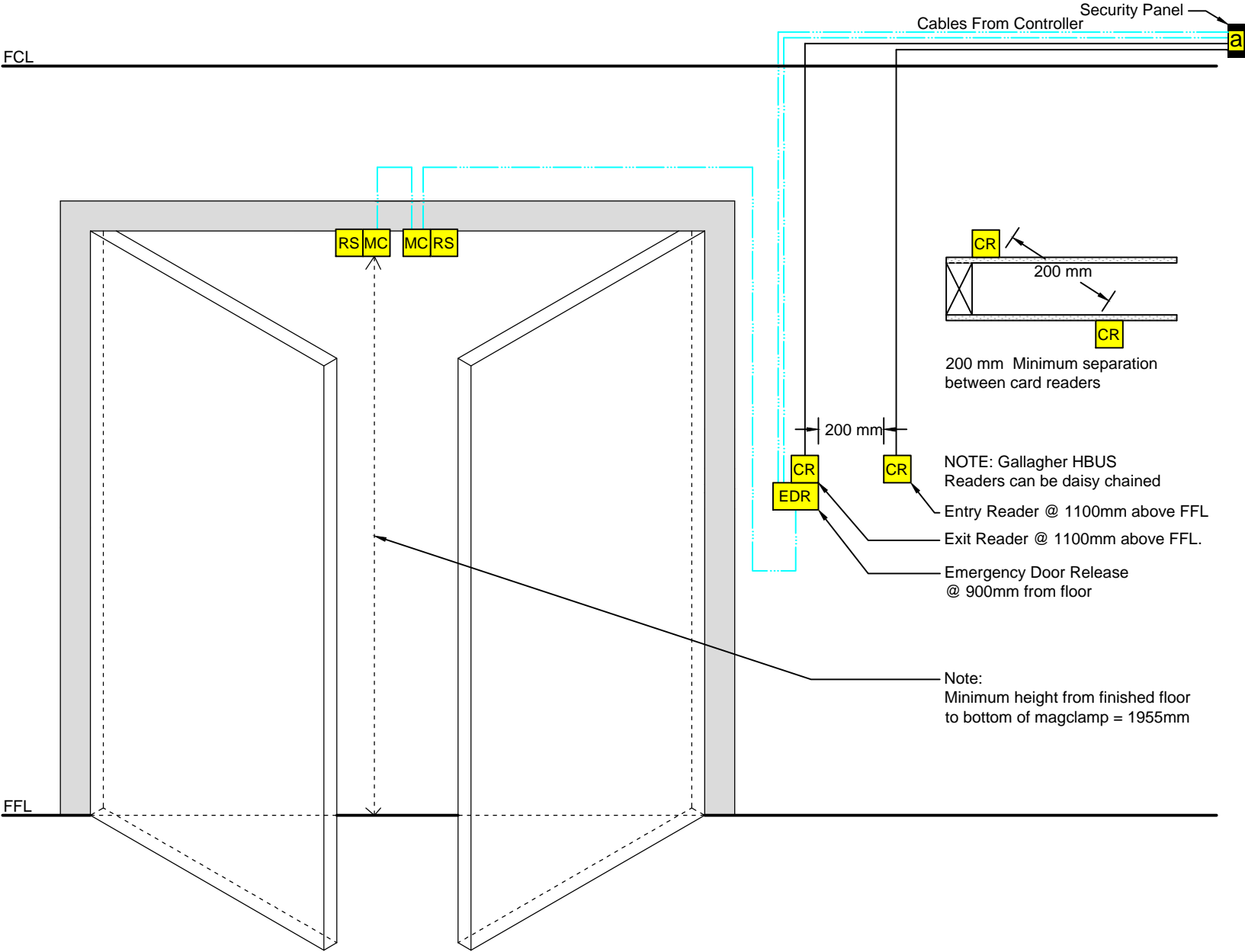
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Double Mag Clamp	0.980	15 m	35 m	70 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- ACS Cabinet
- Request to Exit
- Emergency Door Release
- Card Reader
- Mag Clamp
- Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Double Mag Clamp
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

17-67117-012

REV:

RA1.0

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Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Single V-Lock	1.000	15 m	35 m	70 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

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- Reader Cable
- 8-Core Cable
- 2-Core Cable
- a

ACS Cabinet
- RTE

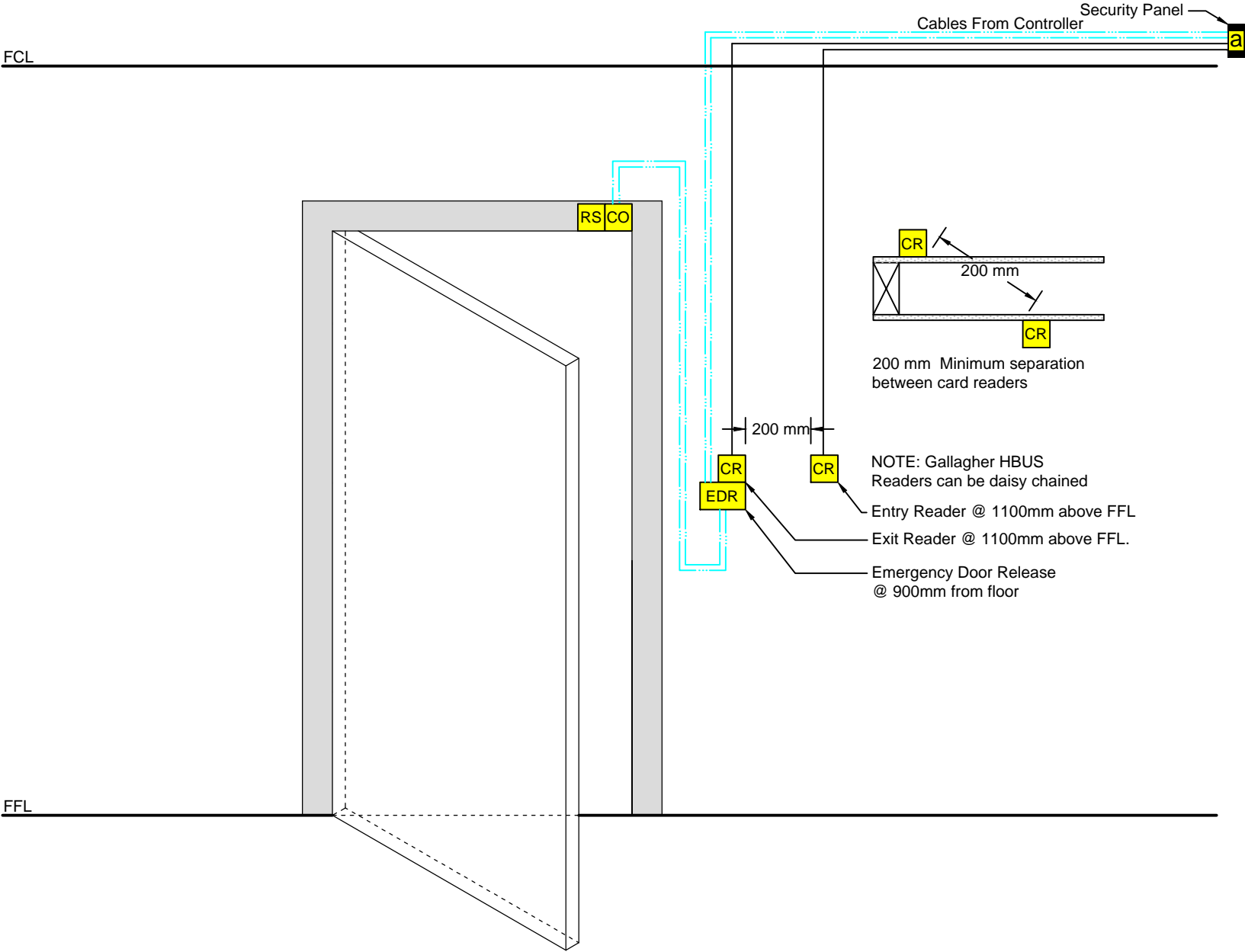
Request to Exit
- EDR

Emergency Door Release
- CR

Card Reader
- CO

Cobalt Lock
- RS

Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Single Cobalt Lock
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-013	RA1.0

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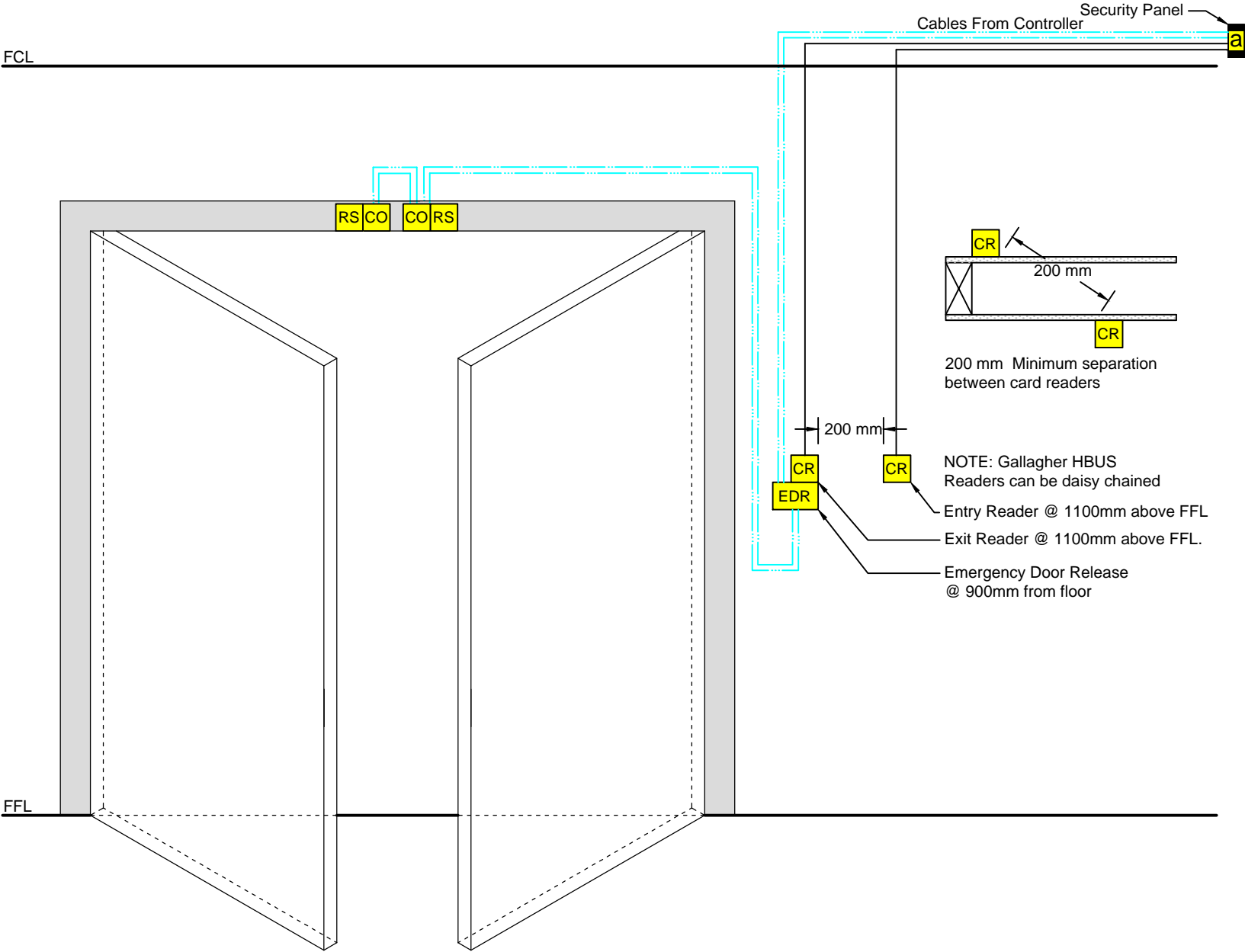
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm ²	1 mm ²	2 mm ²
Reader	0.075	200 m	X	X
Double Cobalt Lock	2.000	X	18 m	36 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

Advanced Security

Advanced Security Group Limited
665C Great South Road, Penrose
PO Box 112157
PENROSE
Toll free: 0508 000 080
www.asgl.co.nz

- Reader Cable
- 8-Core Cable
- 2-Core Cable
- ACS Cabinet
- Request to Exit
- Emergency Door Release
- Card Reader
- Cobalt Lock
- Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Double Cobalt Lock
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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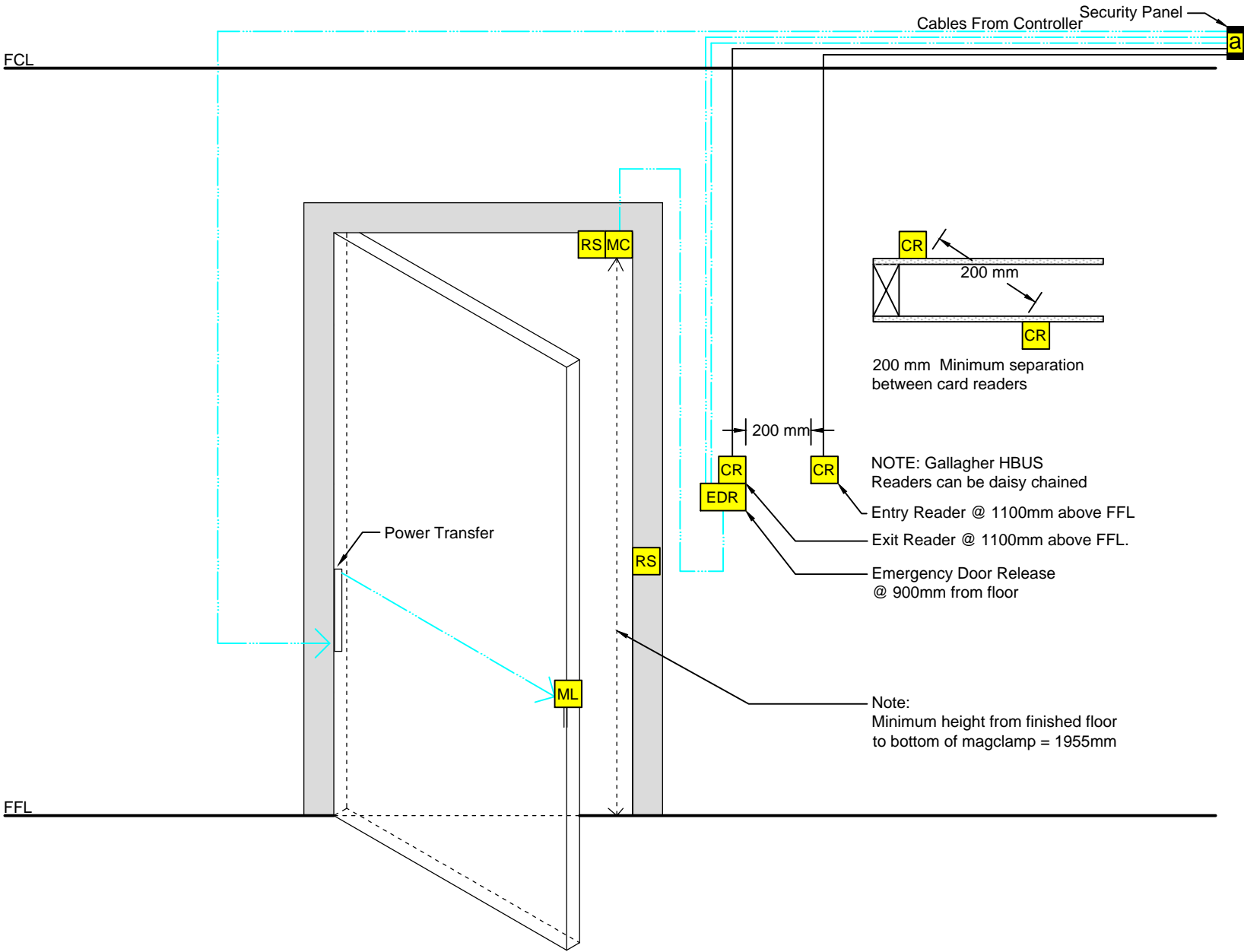
Recommended Maximum Cable Length				
Device	Current (A)	0.44 mm²	1 mm²	2 mm²
Reader	0.075	200 m	X	X
Mortice Lock	0.5000	35 m	75 m	150 m
Single Mag Clamp	0.490	35 m	75 m	150 m

Reader Cable Type		
System	Cable	ID
Gallagher	4 Core 0.44 mm	200
Gallagher Wiegand	6 Core Screened	200
TECOM Challenger	6 Core Screened	200
Protege	6 Core Screened	200
Integriti	6 Core Screened	200
Lenel	6 Core Screened	200

Advanced Security

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665C Great South Road, Penrose
PO Box 112157
PENROSE
Toll free: 0508 000 080
www.asgl.co.nz

- Reader Cable
— 8-Core Cable
— 2-Core Cable
- a** ACS Cabinet
EDR Emergency Door Release
CR Card Reader
ML Mortice Lock
MC Mag Clamp
RS Reed Switch



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Prewire for
Fire Dumped Entry Secure
Single Door

STATUS

AS BUILT

SCALE: N/A

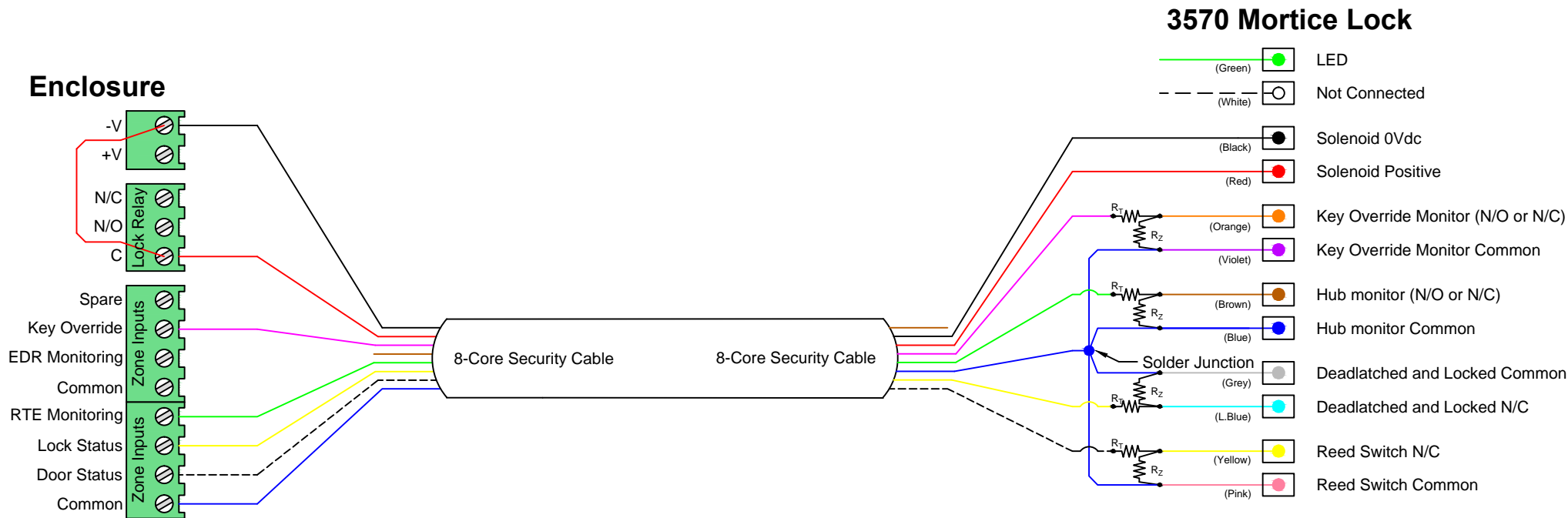
DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
3570 Mortice Lock

STATUS

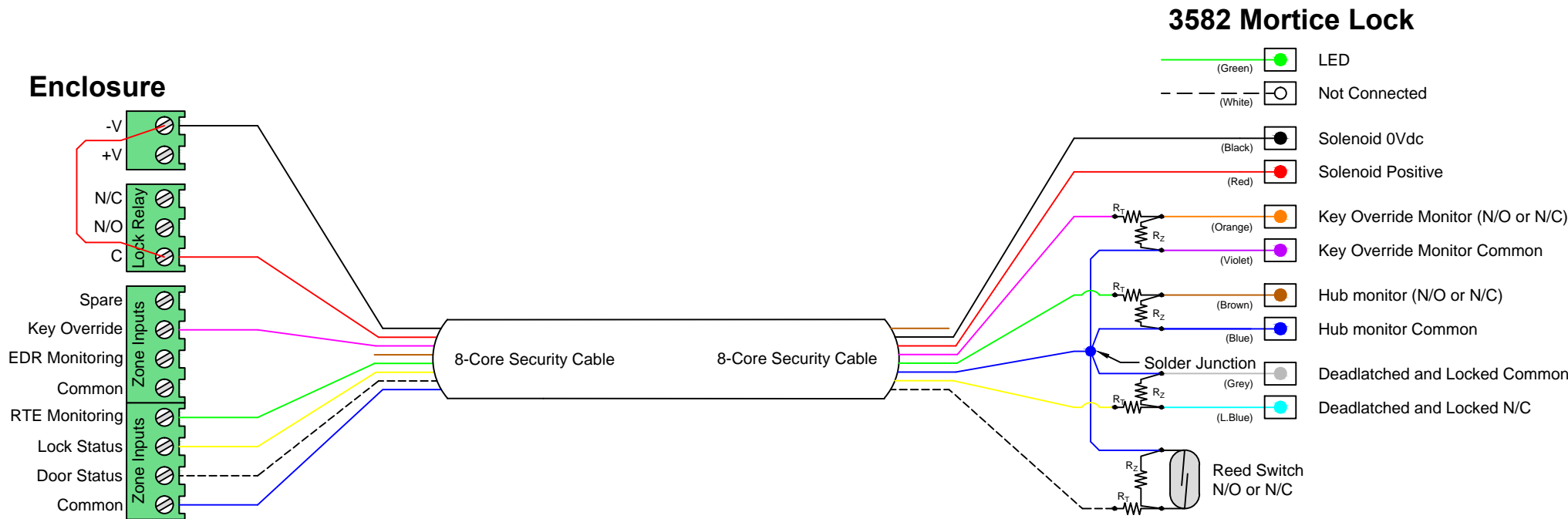
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
3582 Mortice Lock

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

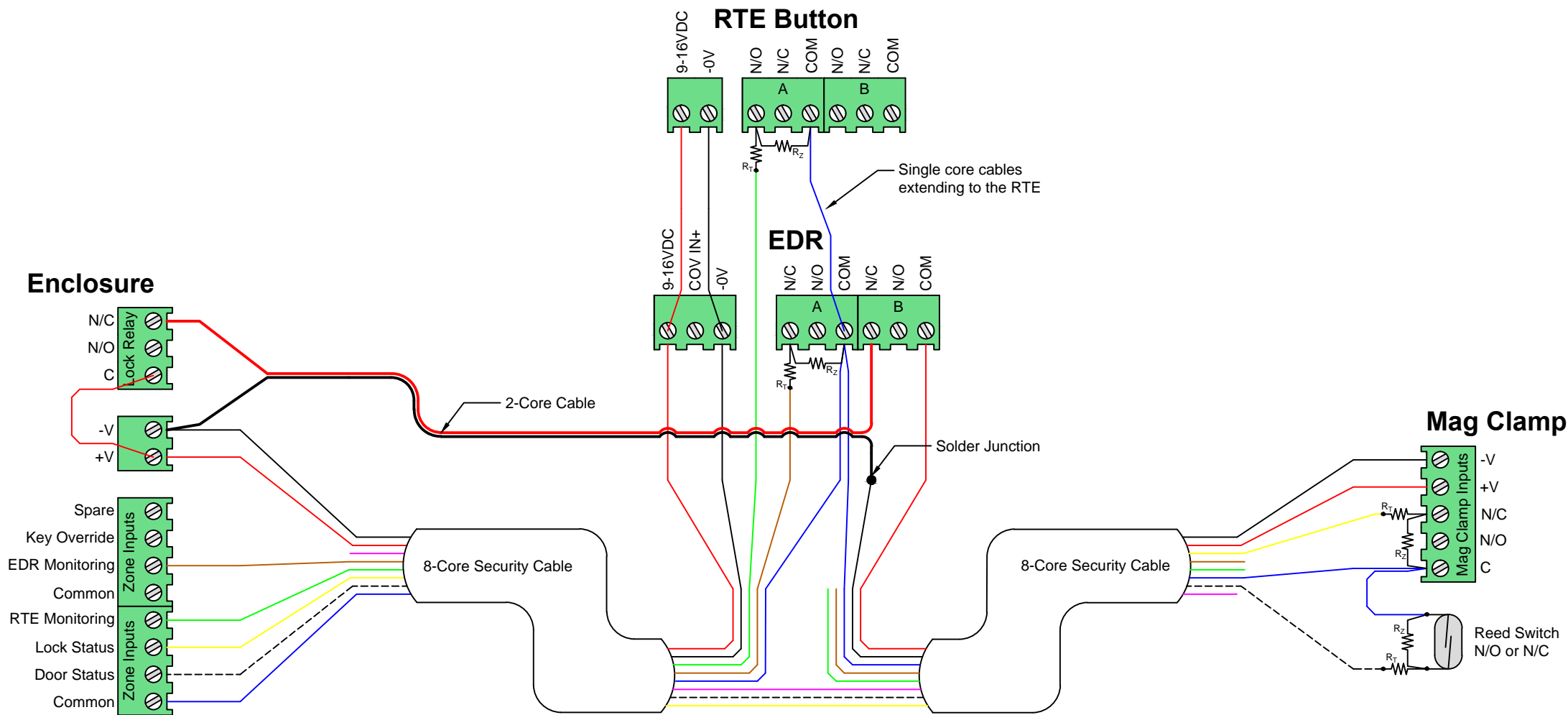
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for Magnetic Clamp

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

DRAWING No:

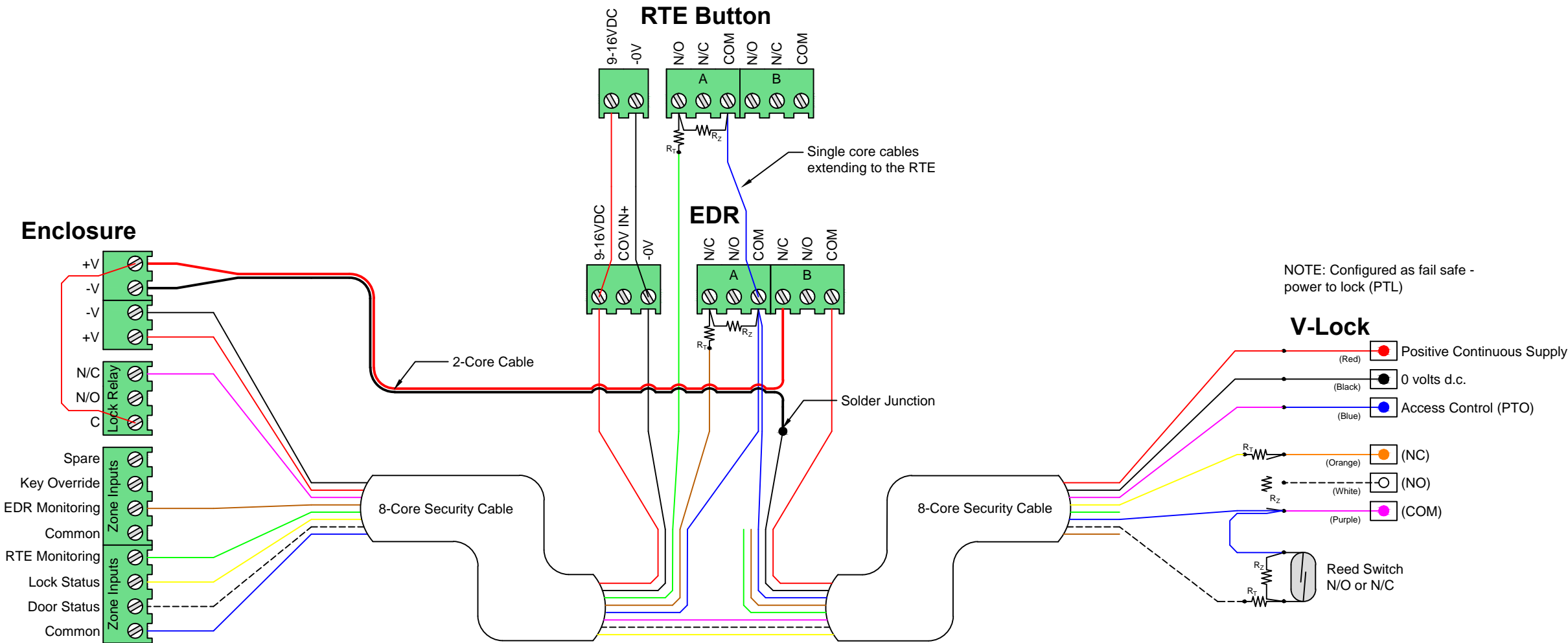
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for V-Lock

STATUS

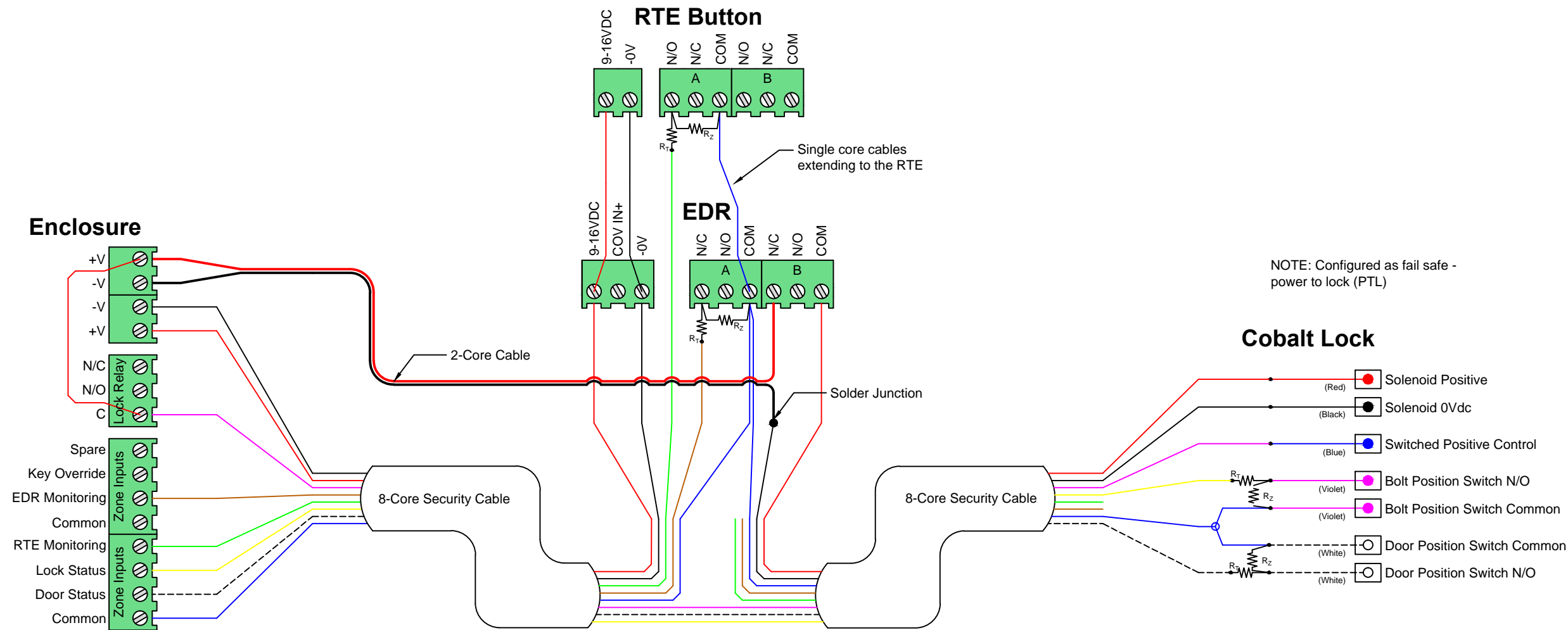
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for Cobalt Lock

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

DRAWING No:

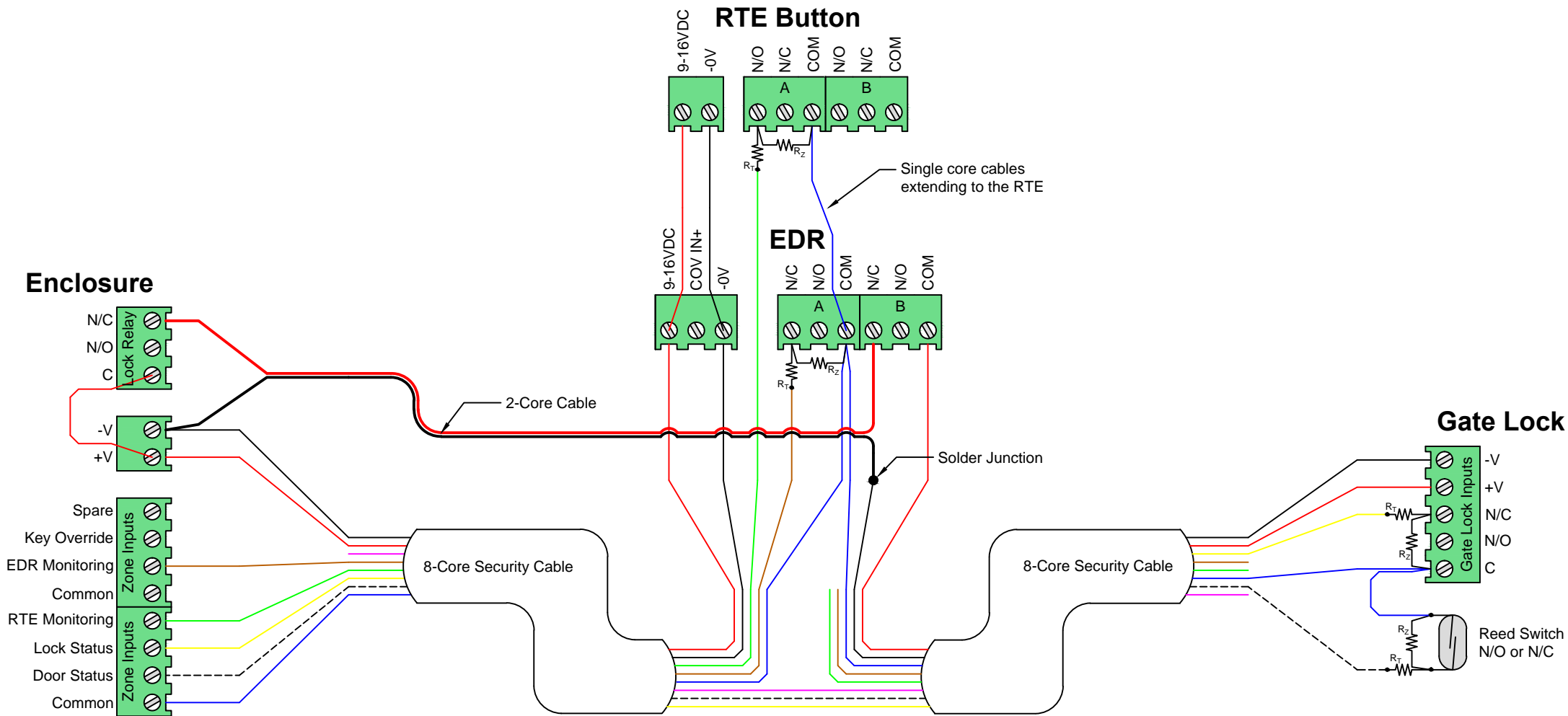
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for Gate Lock

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

DRAWING No:

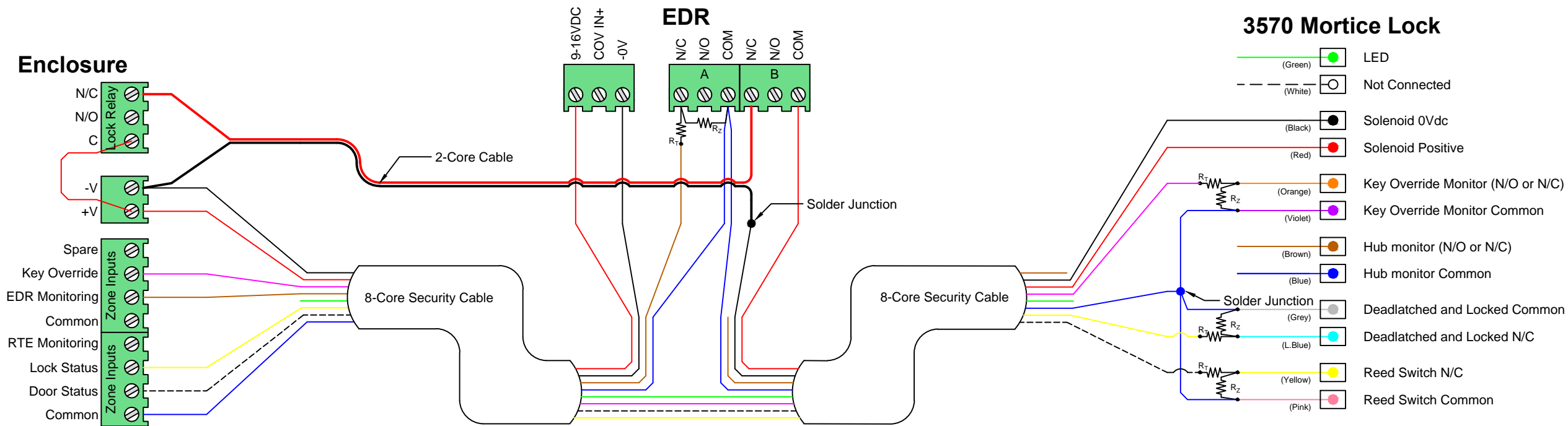
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
3570 Mortice Lock
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

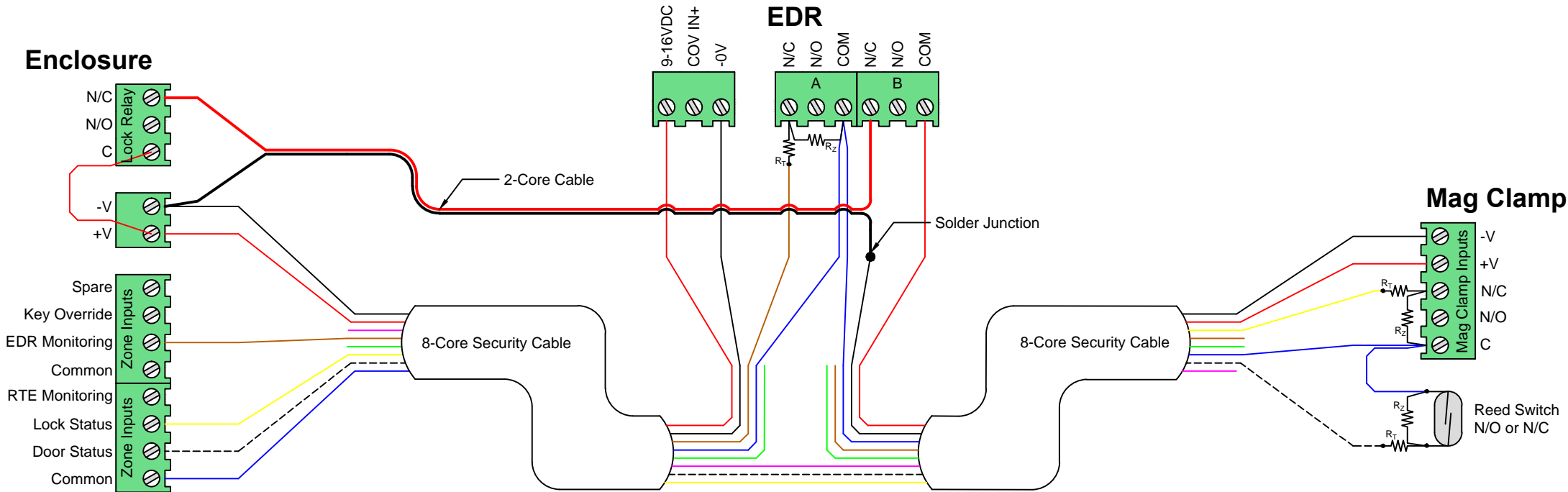
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
Magnetic Clamp
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

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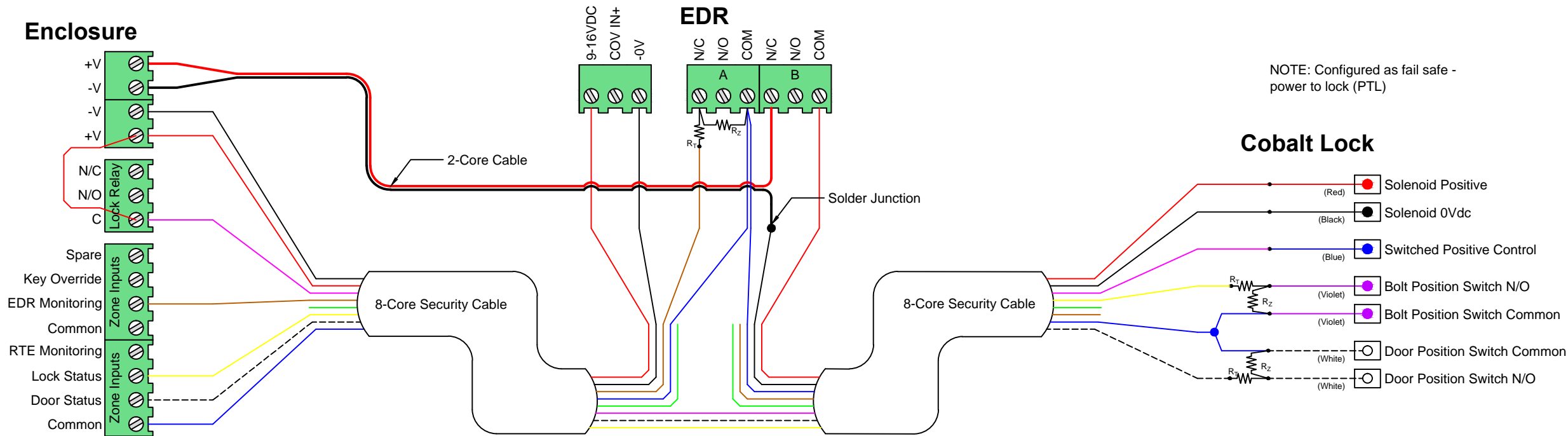
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
Cobalt Lock
with Entry/Exit Readers

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

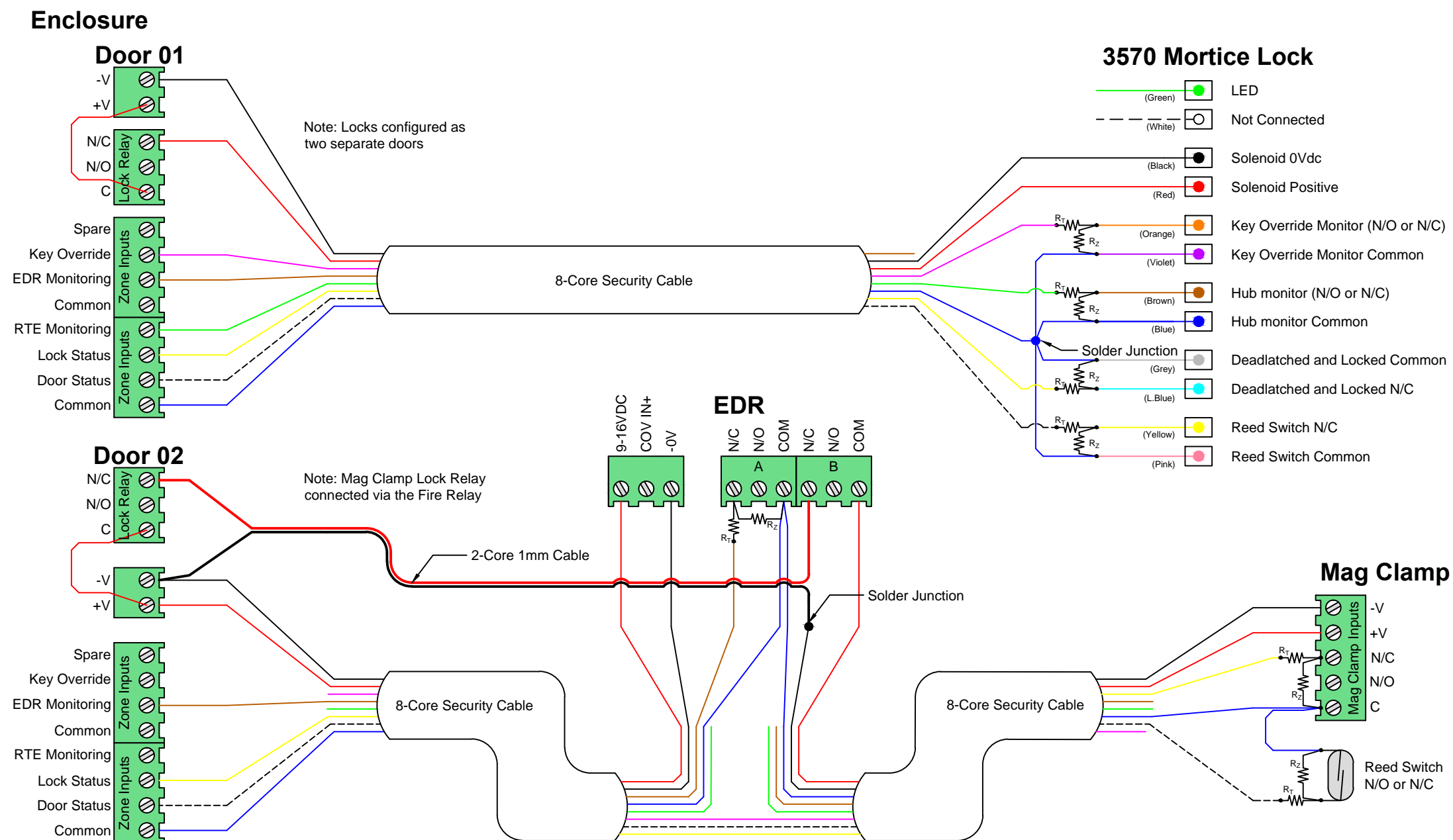
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End of Line Resistances		
System	R _T	R _Z
Gallagher	4K7	4K7
Protege	1K	1K
Integriti	2K2	6K8

[illegible]

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

DRAWING TYPE:

Standard Wiring Diagram for Fire Dumped Entry Secure

STATUS

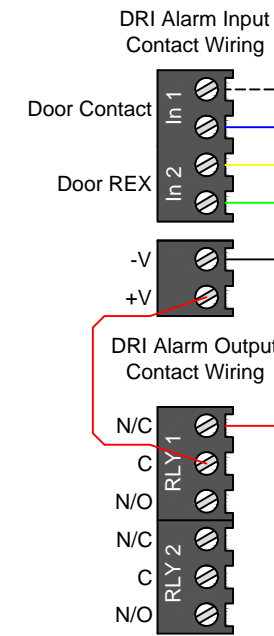
AS BUILT

SCALE: N/A	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
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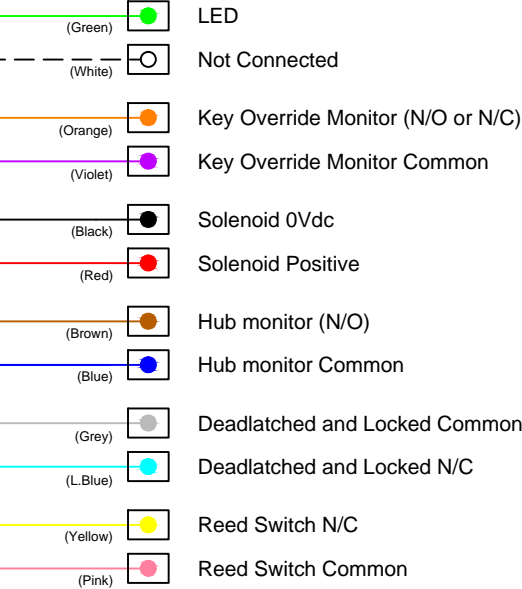
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LENEL Panel



3570 Mortice Lock



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
3570 Mortice Lock
Connected to Lenel

STATUS

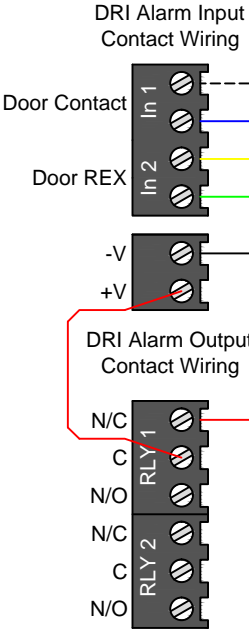
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N/A	

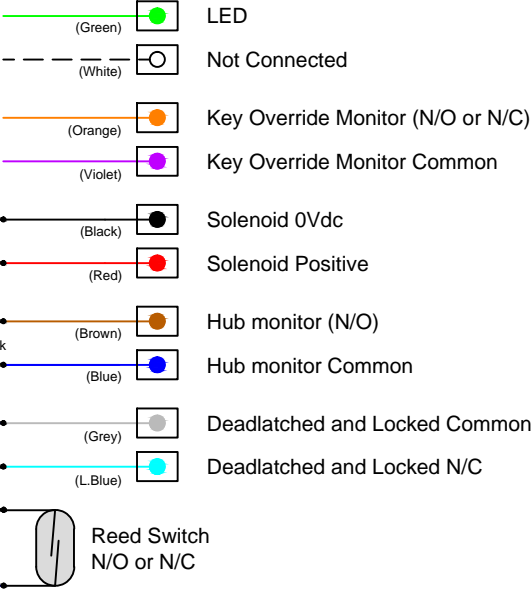
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LENEL Panel



3582 Mortice Lock



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
3582 Mortice Lock
Connected to Lenel

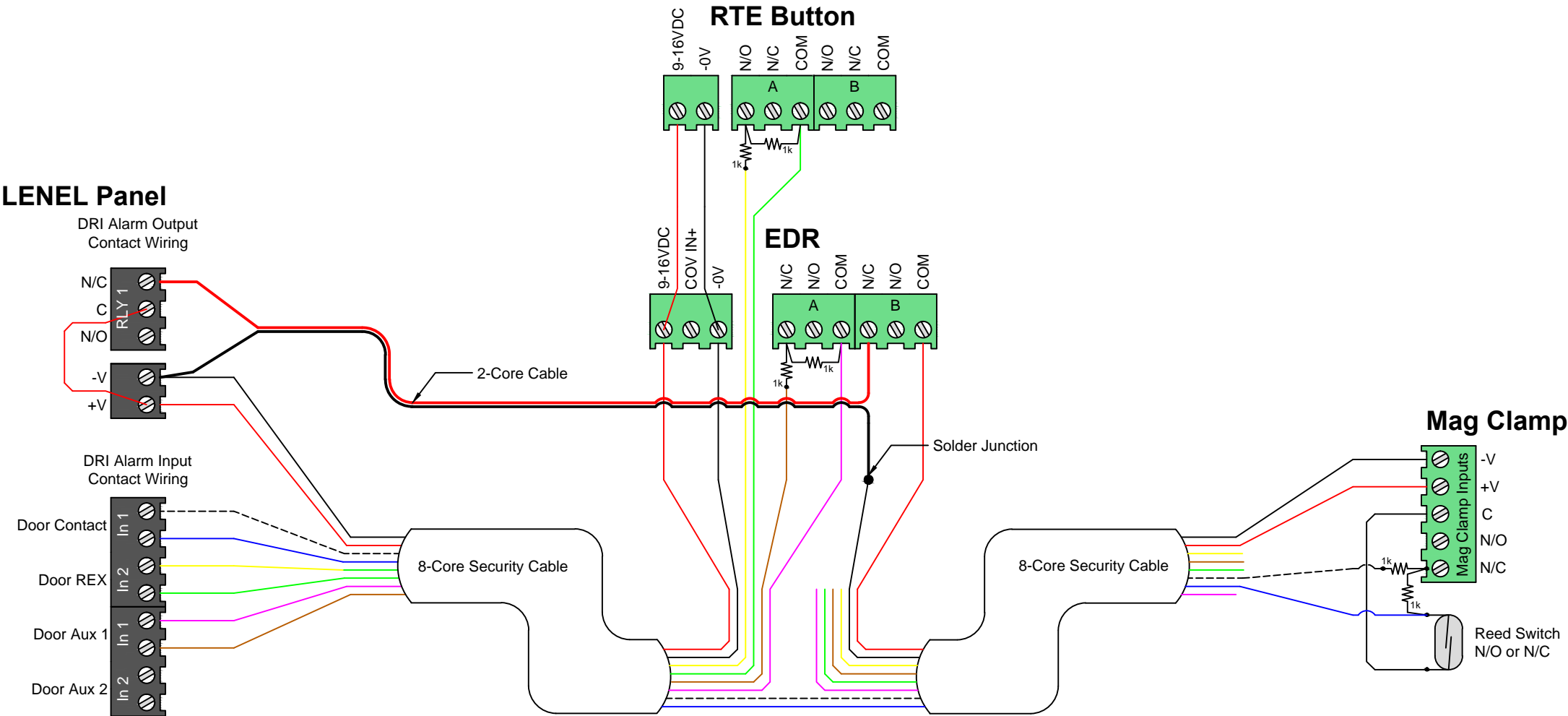
STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
Magnetic Clamp
Connected to Lenel

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

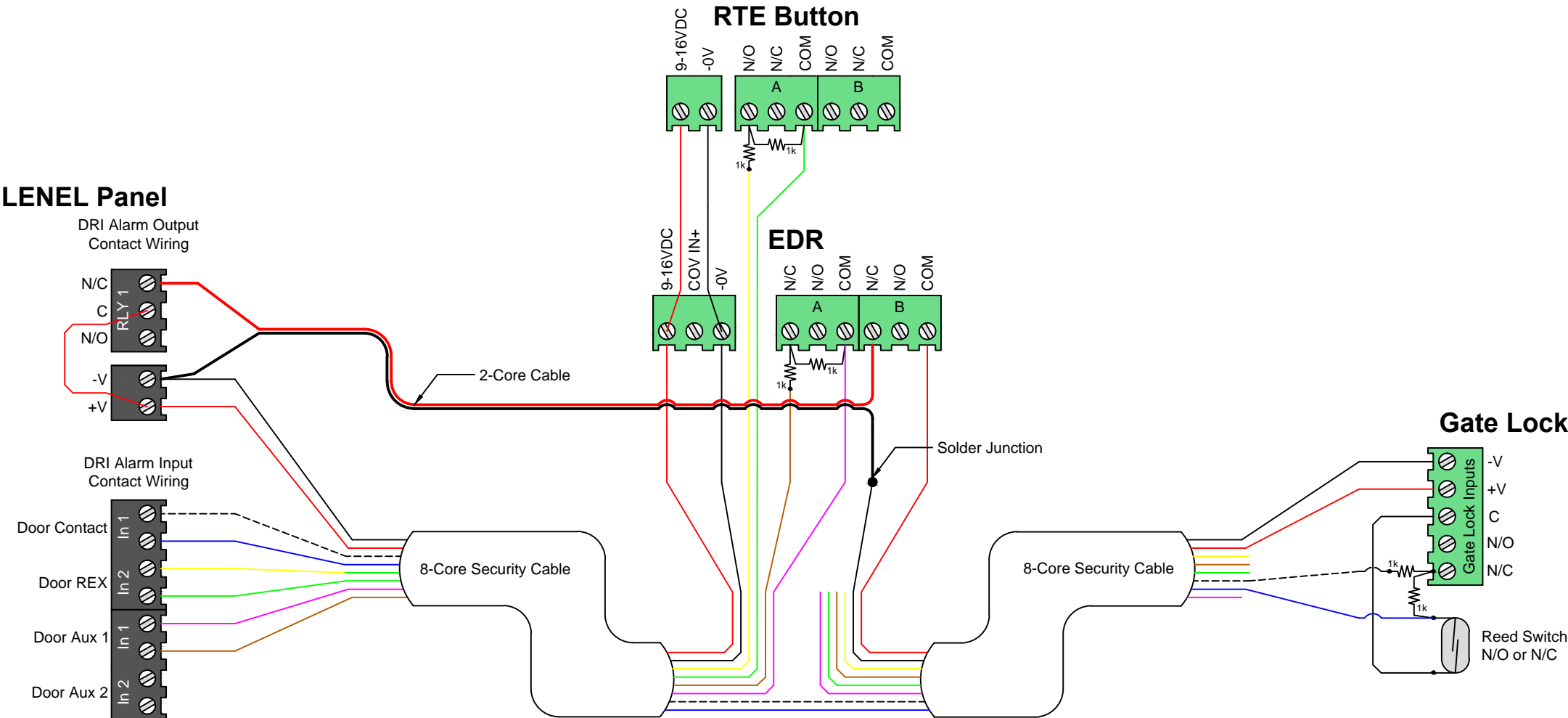
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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
Gate Lock
Connected to Lenel

STATUS

AS BUILT

SCALE:

N/A

DO NOT SCALE.
CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON SITE BEFORE
COMMENCING ANY WORK.

DRAWING No:

17-67117-036

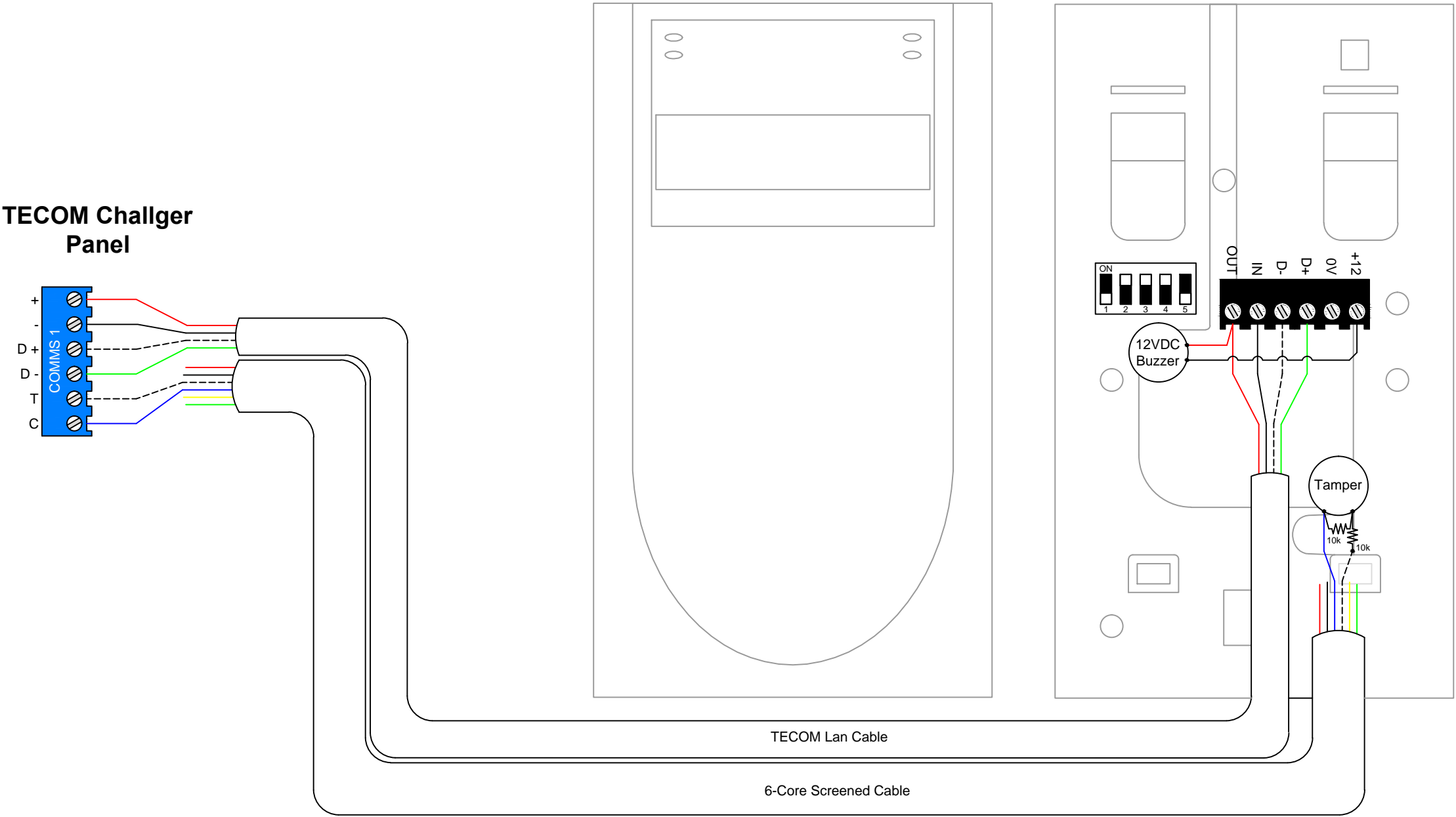
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Remote Arming Station

TECOM Challenger Panel



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for Remote Arming Station Connected to Challenger

STATUS

AS BUILT

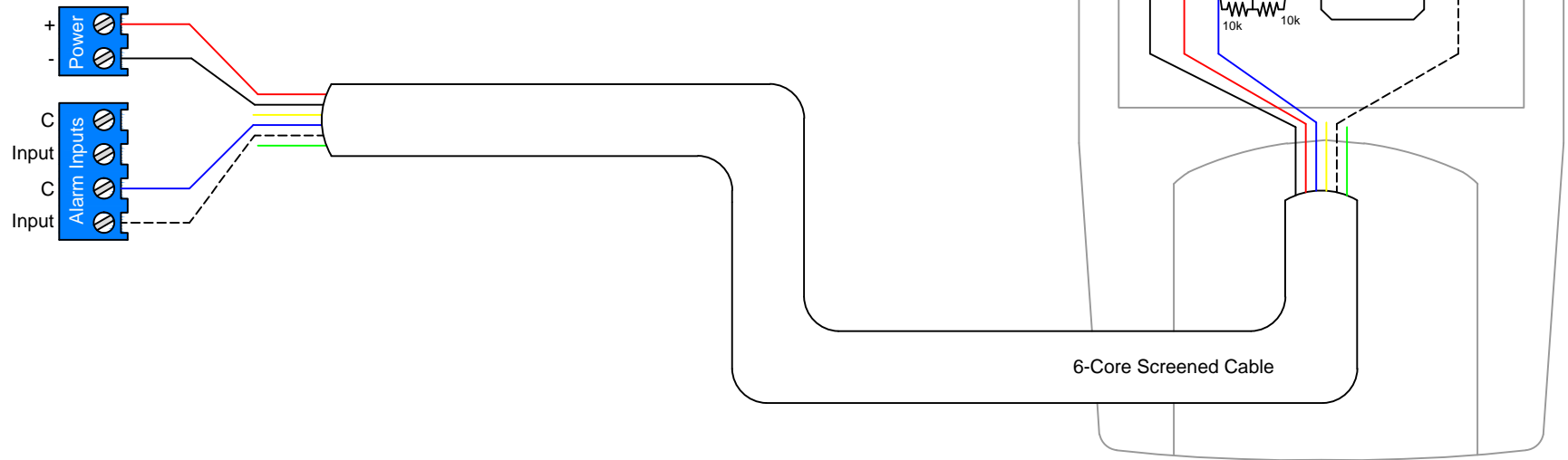
SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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Aritech EV-1116AM

TECOM Challger Panel



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Aritech EV-1116AM PIR
Connected to Challenger

STATUS

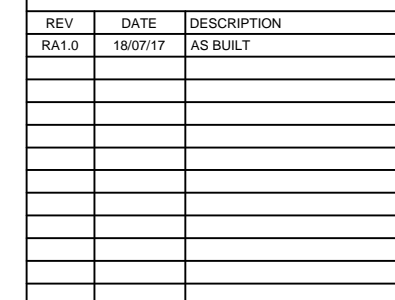
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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TECOM Challenger Panel



DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

High Security Wiring Diagram for
Aritech DD-669AM PIR
Connected to Challenger

STATUS

AS BUILT

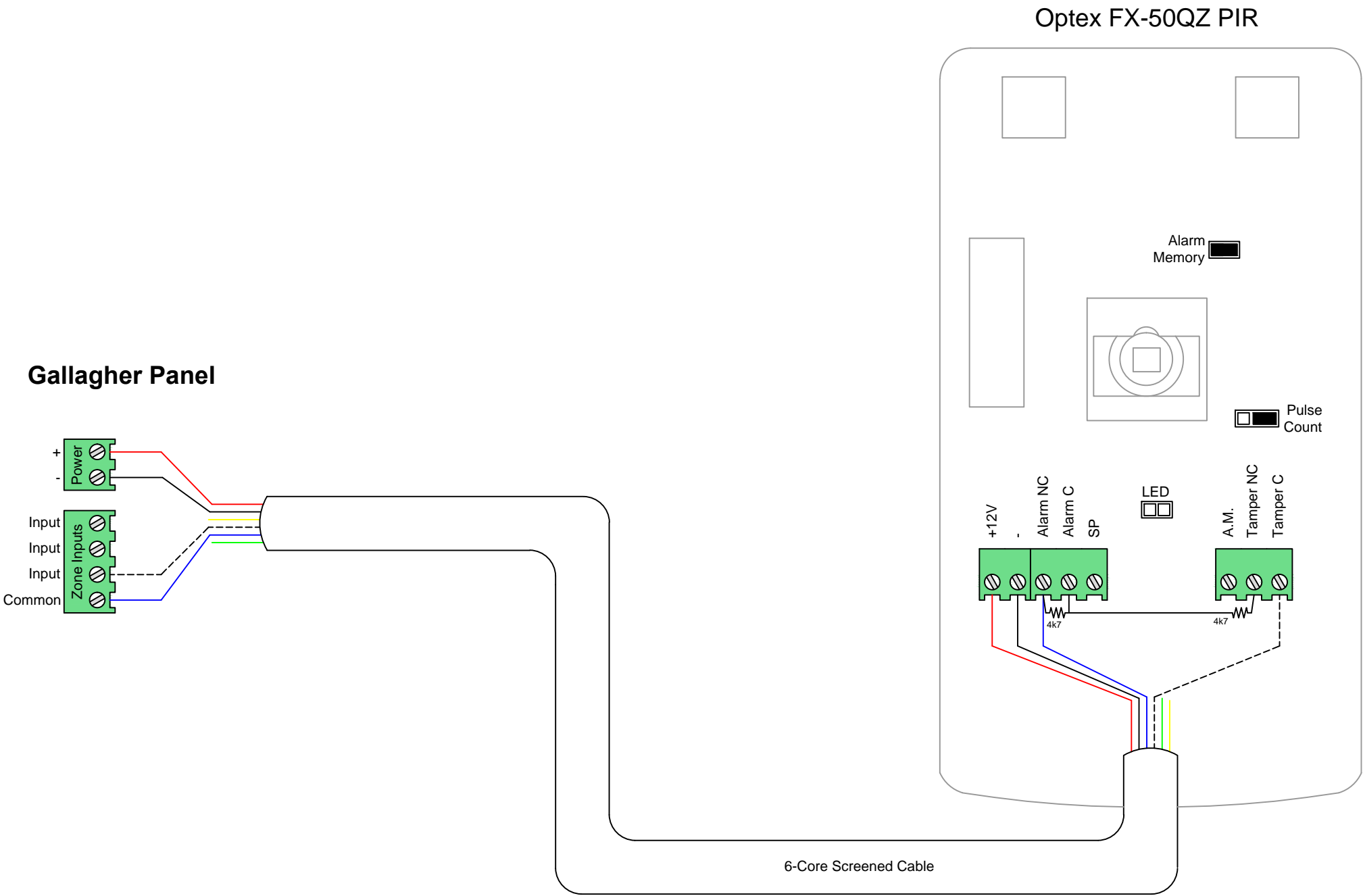
SCALE:
N/A

SCALE: N/A	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
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DRAWING No:
17-67117-052

REV:	RA1.0
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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Optex FX-50QZ PIR
Connected to Gallagher

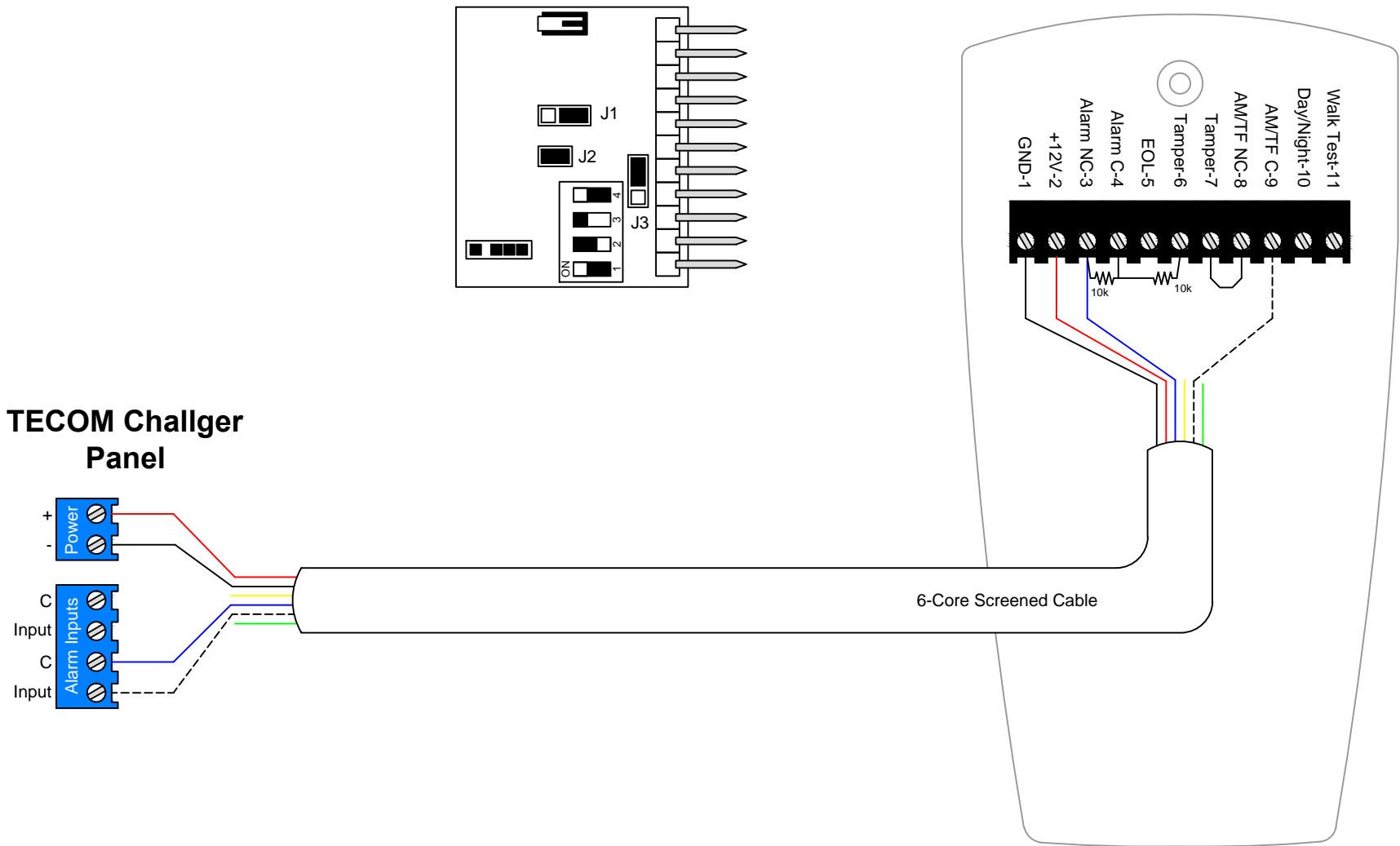
STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Aritech VE-735AM PIR
Connected to Challenger

STATUS

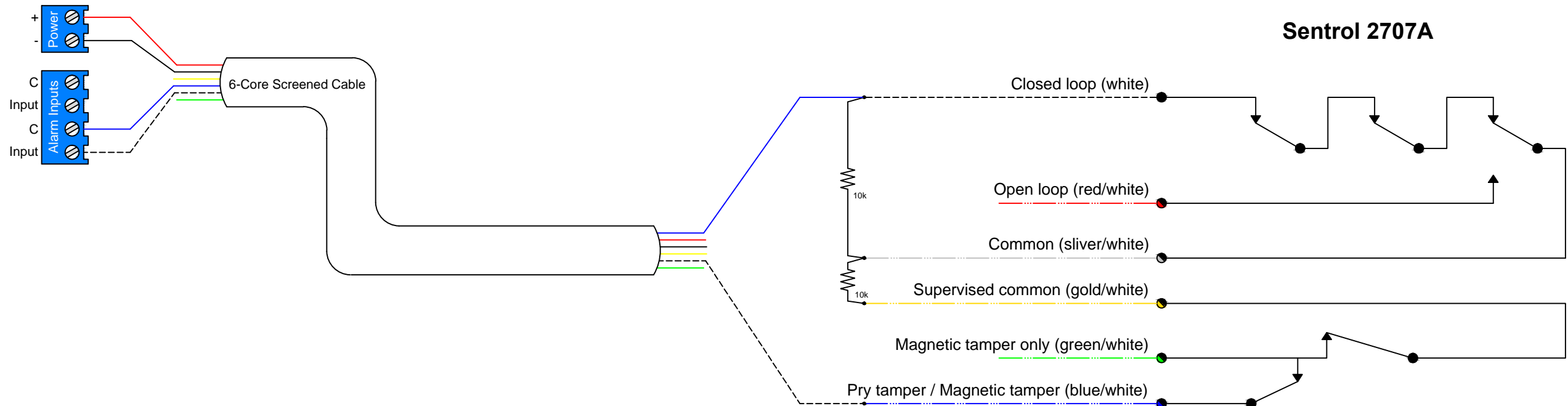
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-054	RA1.0

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TECOM Challenger
Panel



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Sentrol 2707A Reed Switch
Connected to Challenger

STATUS

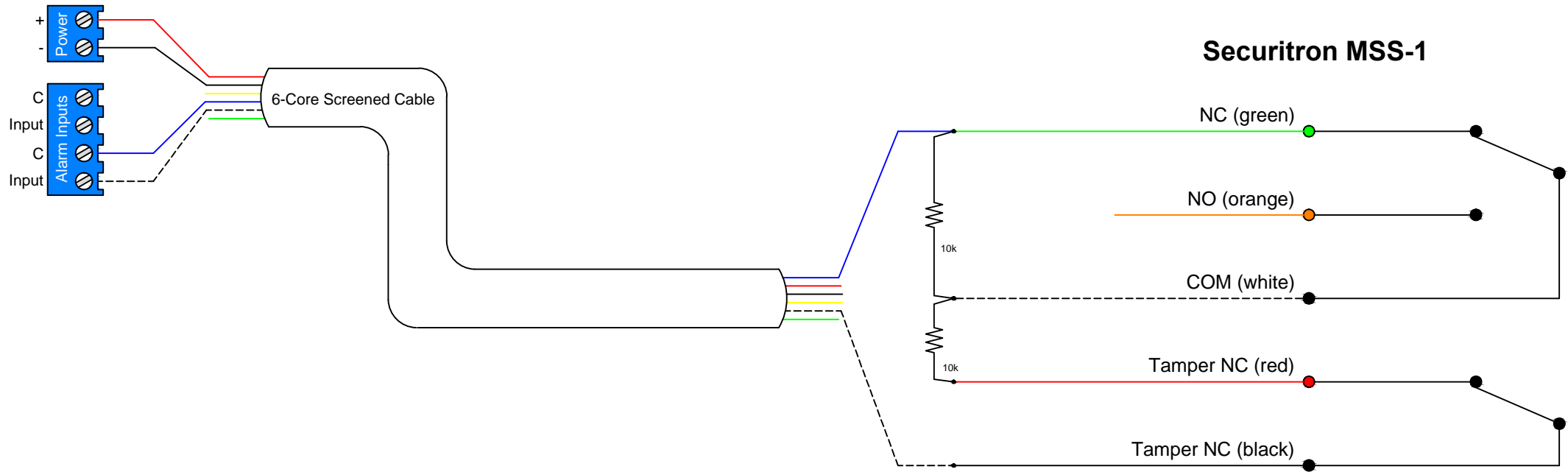
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-055	RA1.0

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TECOM Challger
Panel



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Securitron MSS-1 Reed Switch
Connected to Challenger

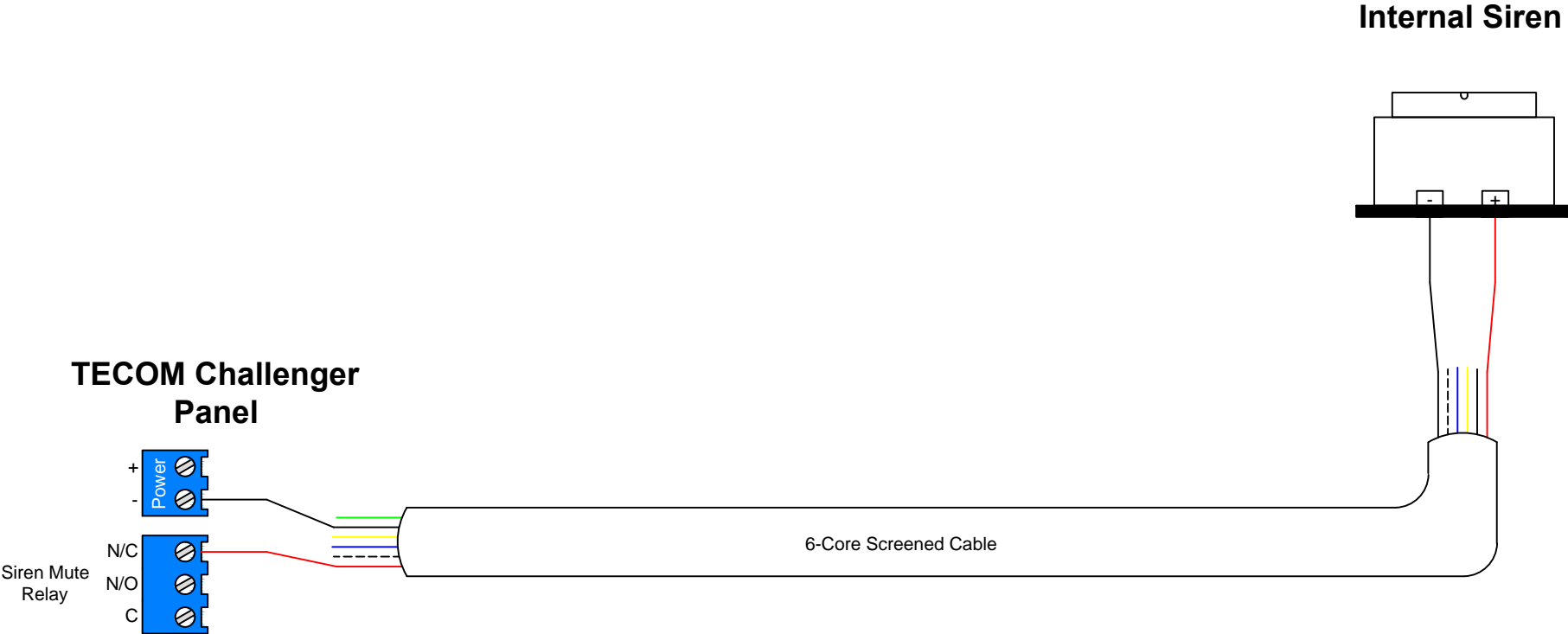
STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Internal Siren
Connected to Challenger

STATUS

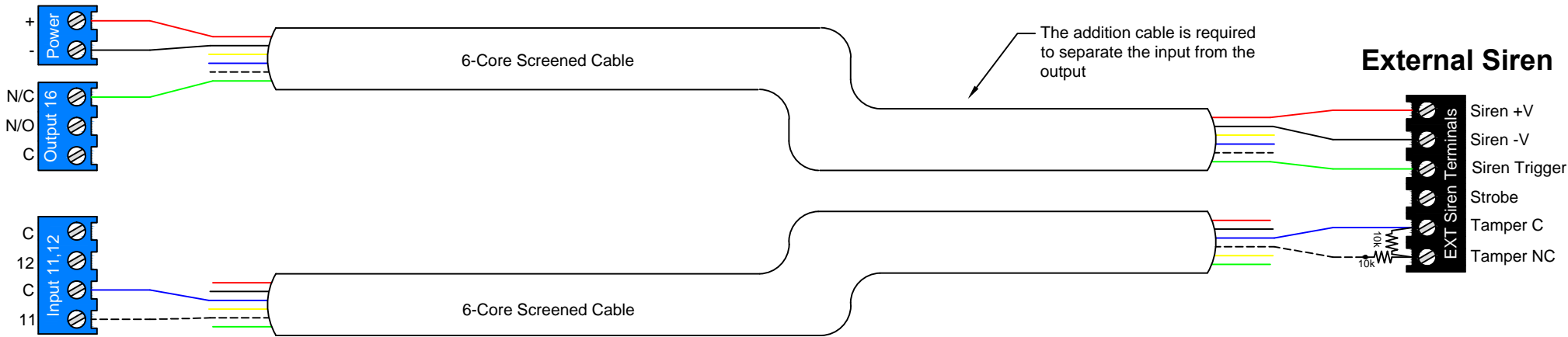
AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

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TECOM Challenger
Panel



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
External Siren
Connected to Challenger

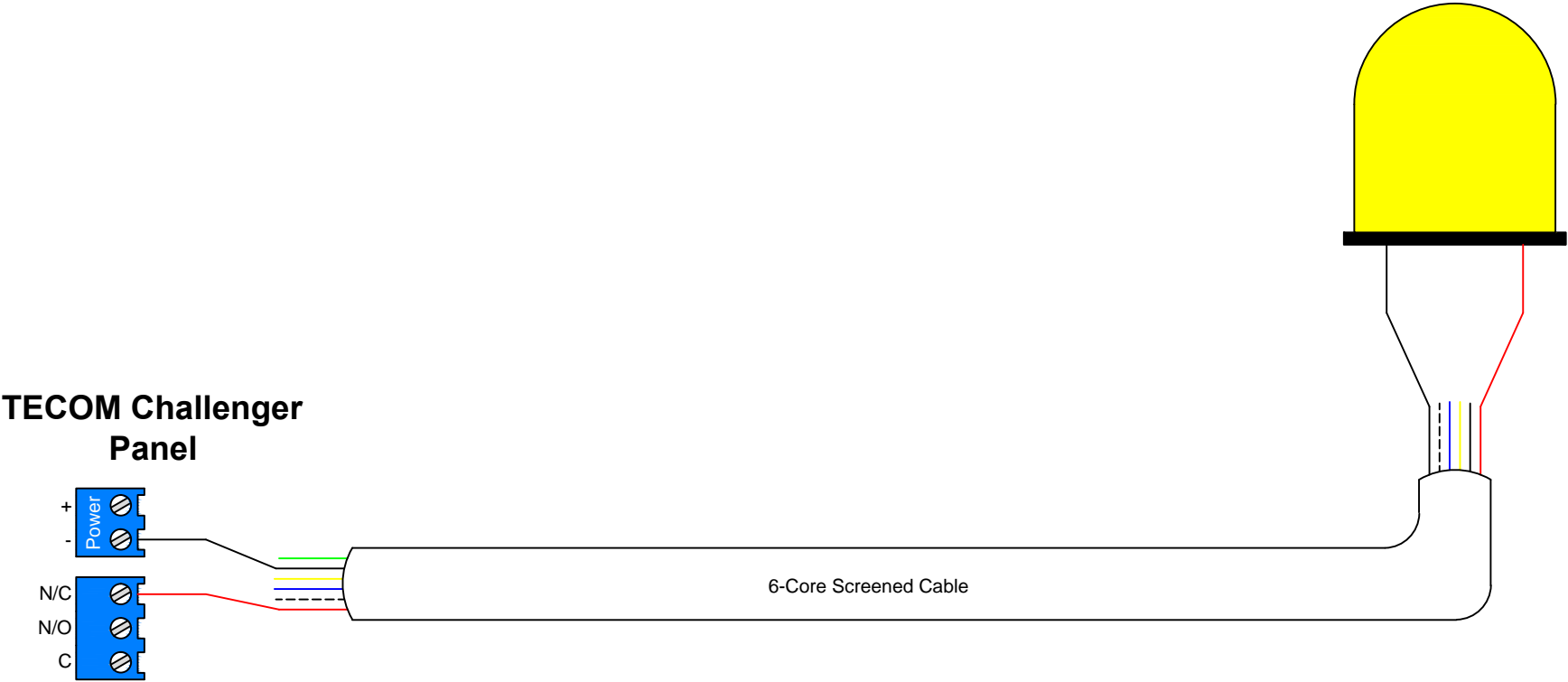
STATUS

AS BUILT

SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
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REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

High Security Wiring Diagram for
Set AIL
Connected to Challenger

STATUS

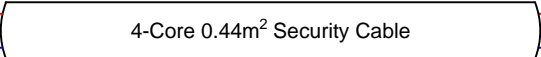
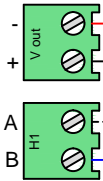
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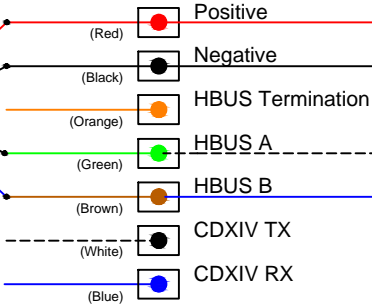
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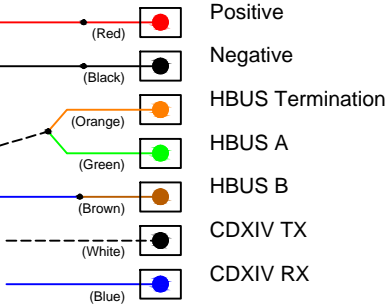
Gallagher 8H/4H
Module



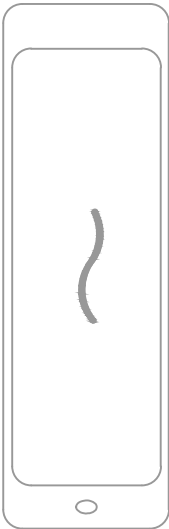
T-Series Reader



T-Series Reader
Terminated



NOTE: If only one reader, use the terminated connection
Solder the HBUS Termination (Orange) to the HBUS A (Green)



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

Advanced Security

DRAWING TYPE:

Standard Wiring Diagram for
T-Series Readers (HBUS)
Connected to Gallagher

STATUS

AS BUILT

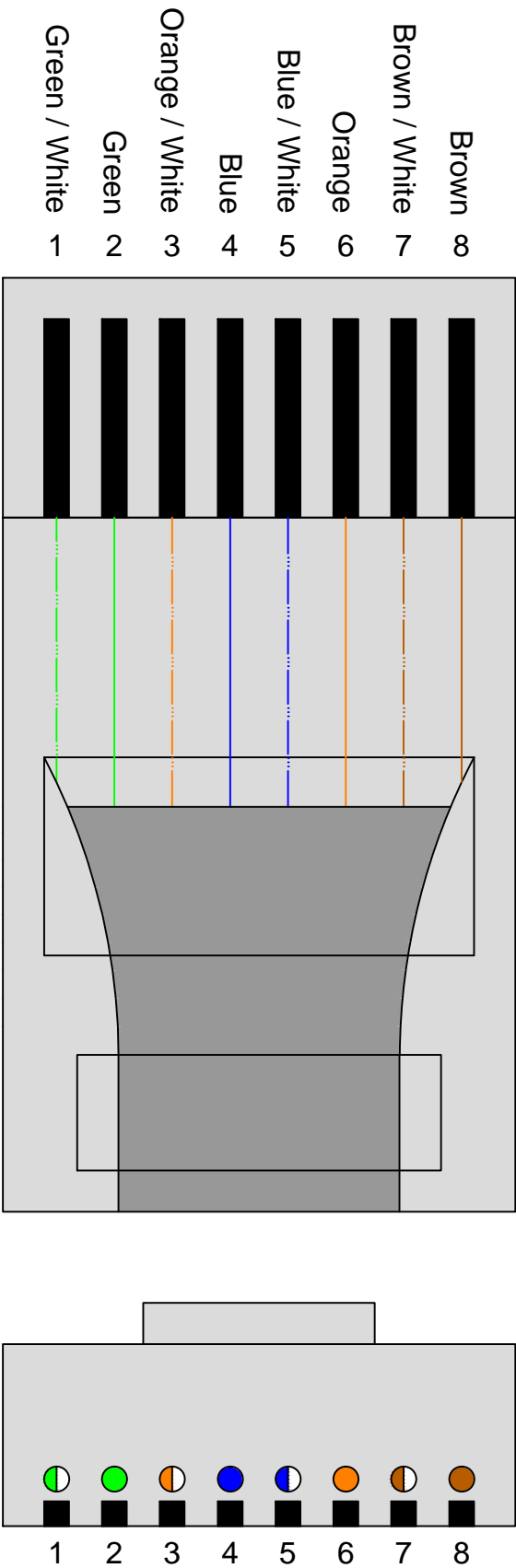
SCALE:	DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.
N/A	

DRAWING No:	REV:
17-67117-070	RA1.0

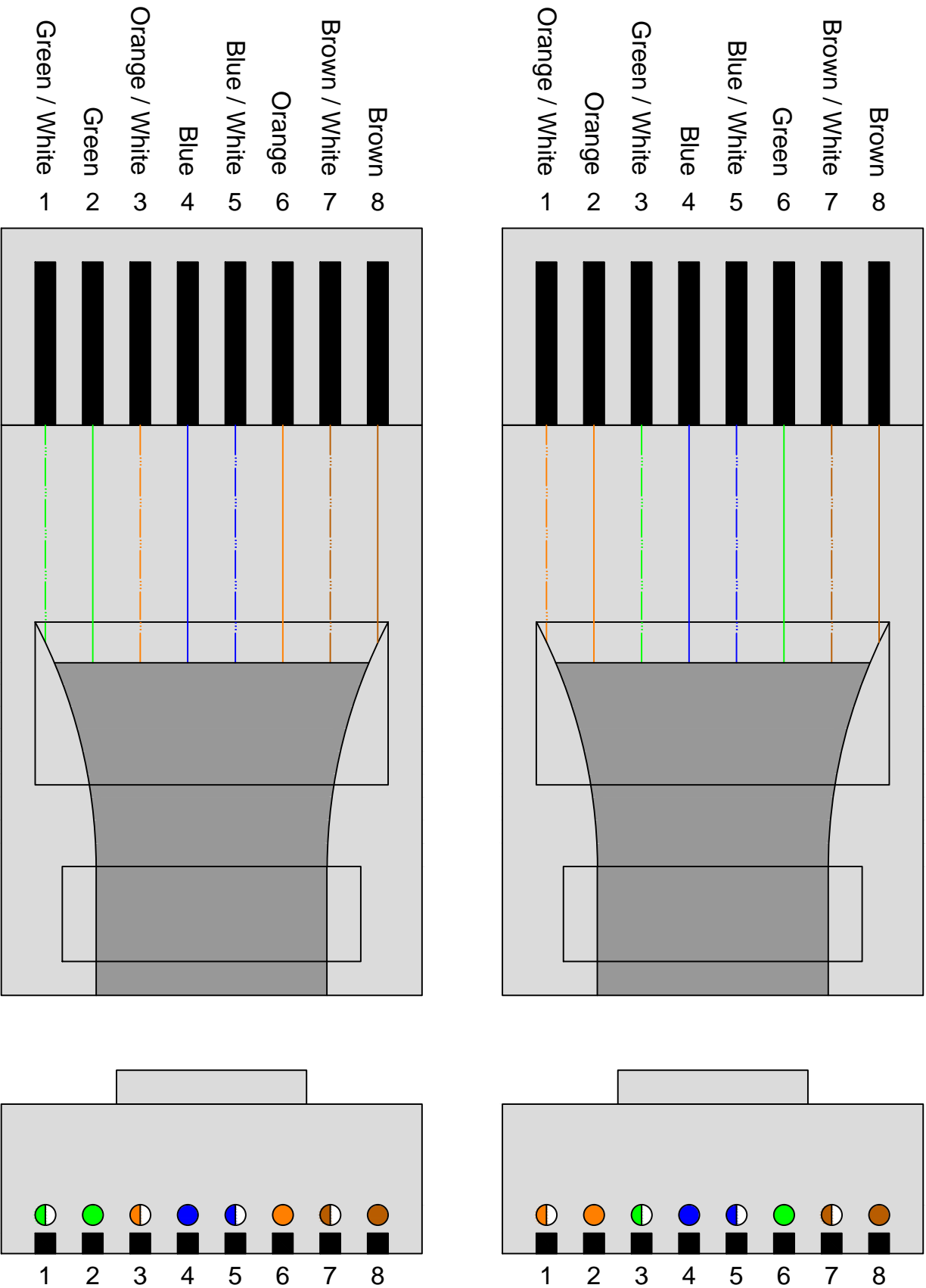
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EIA/TIA 568 A Colour Scheme

Straight Patch Lead



Crossover Lead



REV	DATE	DESCRIPTION
RA1.0	18/07/17	AS BUILT

DESIGN	ENG
DRAWN	PH
CHECKED	JK

GENERAL NOTES:

SITE:

DRAWING TYPE:
Standard Network
Lead Terminations

STATUS
AS BUILT

SCALE: N/A
DO NOT SCALE. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK.

DRAWING No: 17-67117-080
REV: RA1.0

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