
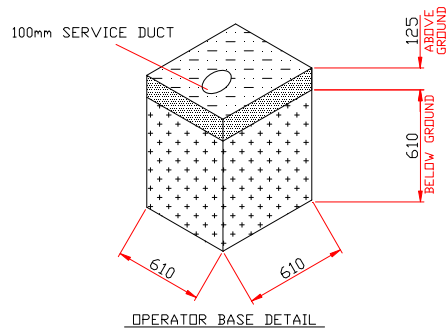
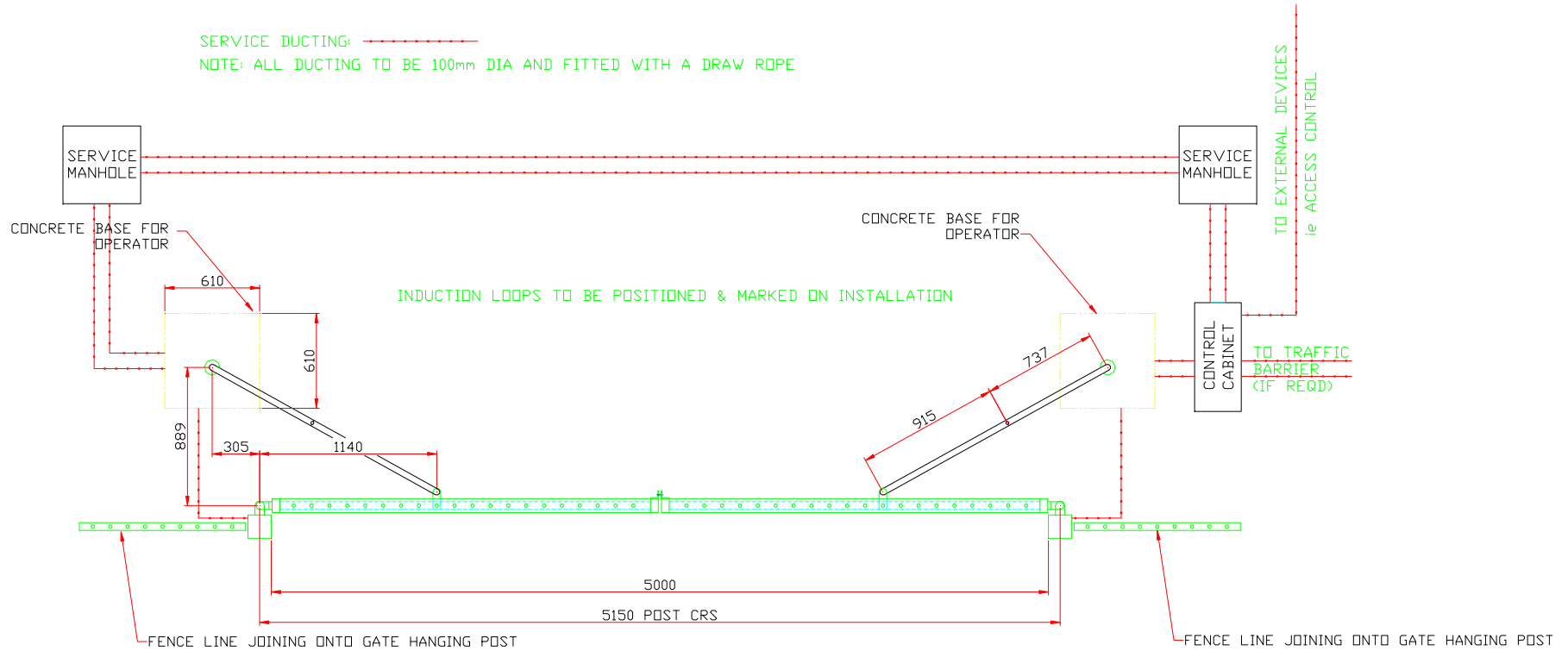


Site Details- Typical Site layout			
Project: Example only			
Date:	Drawn by: RD	Drawing Number: SWG5012	Detailing: Standard Swing Gate Design
Issue: 1	Checked by: WF	Rev:1.0	Classification: Copyright 2009
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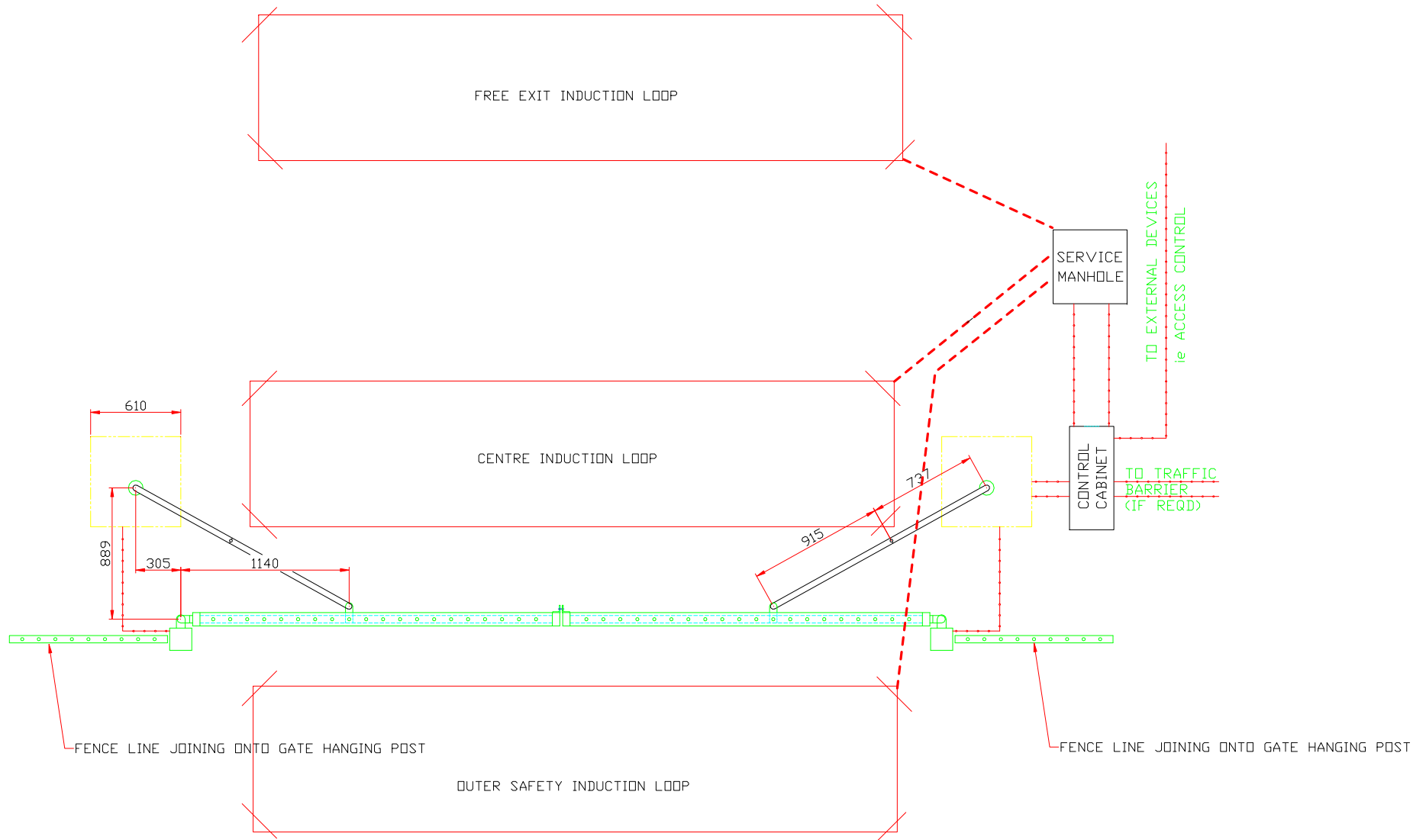
SERVICE DUCTING: 
 NOTE: ALL DUCTING TO BE 100mm DIA AND FITTED WITH A DRAW ROPE



Site Details- Typical base and ducting for main services layout (Please note additional ducting may be required on some installations)			
Project:			
Date:	Drawn by: RD	Drawing Number: SWG5013	Detailing: Base layout and main service ducts
Issue: 1	Checked by: WF	Rev: 1.0	Classification: Copyright 2009

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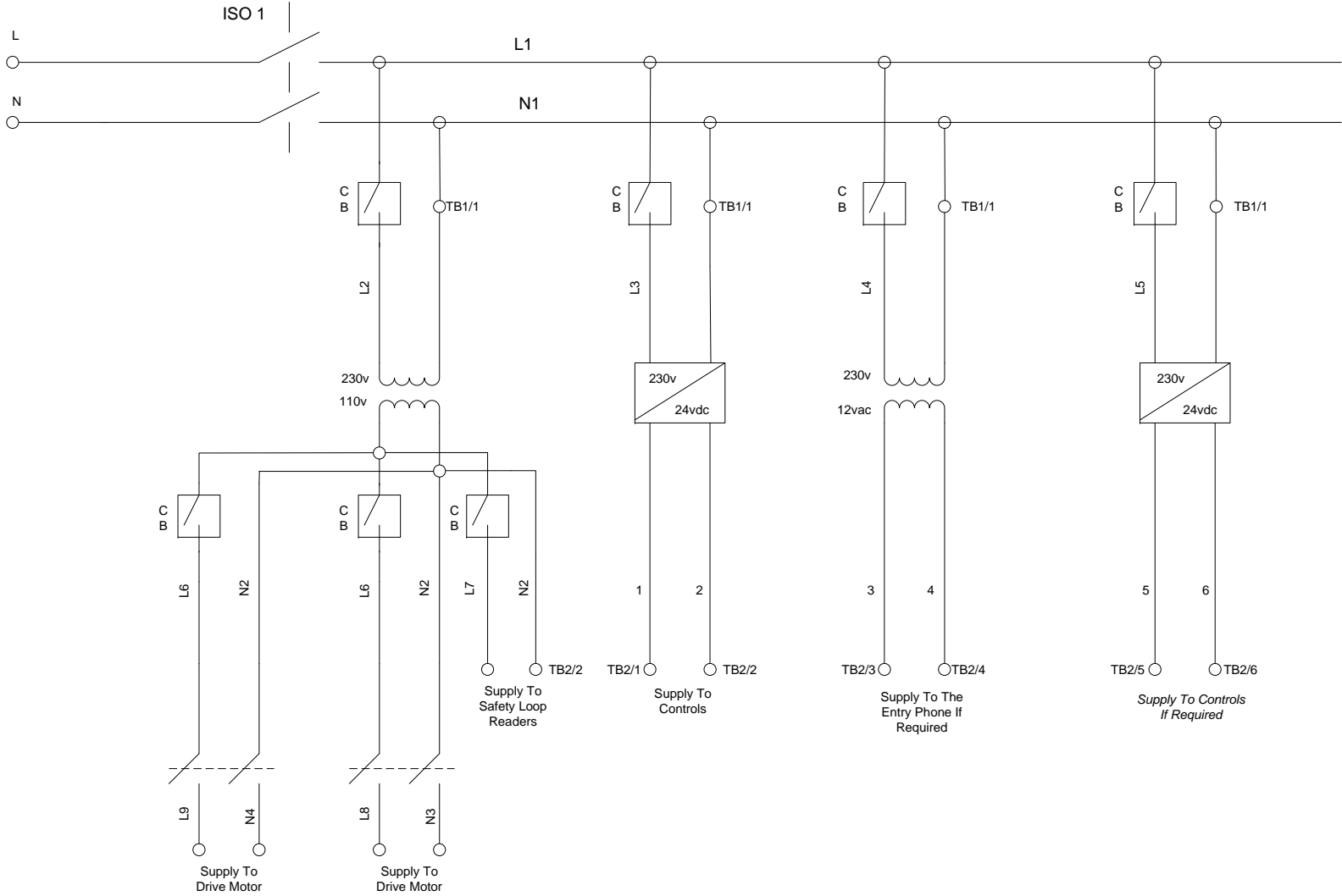
General Notes:

Induction loop squares should be cut with a floor saw, to a minimum depth of 40mm and 6mm wide. All corners should be crossed, so the maximum Angle at any point does not exceed 45 degrees.

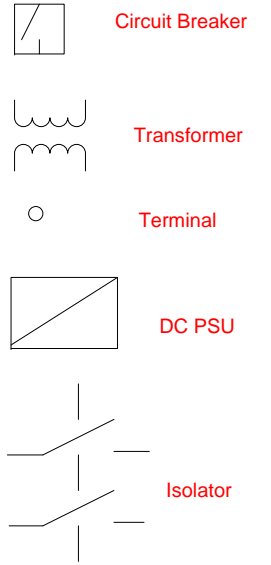
Sealing in Tarmac: Hot pitch or resin
 Sealing in Concrete: Resin

Cable: Provided by Paramount Security Group

Site Details- Typical layout for induction loops			
Project:			
Date:	Drawn by: RD	Drawing Number: SWG5014	Detailing: Induction loops
Issue: 1	Checked by: WF	Rev: 1.0	Classification: Copyright 2009
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Electrical Key



Cable Sizes

230v Connections Minimum CSA 2.5 mm
 Control Connections Minimum CSA 0.75 mm

Site Details- N/A

Project: Swing Gate

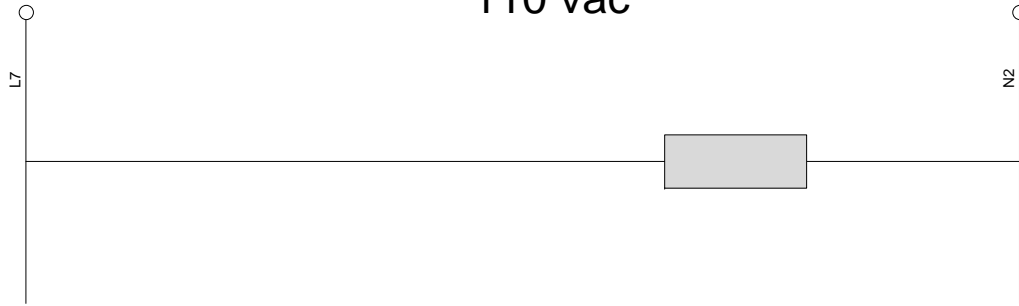
Page No: 1	Drawn by: DL	Drawing Number: 001	Detailing: Sliding Gate Schematic
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Issue: 1	Checked by: WF	Rev: N/A	Classification: Copyright 2009
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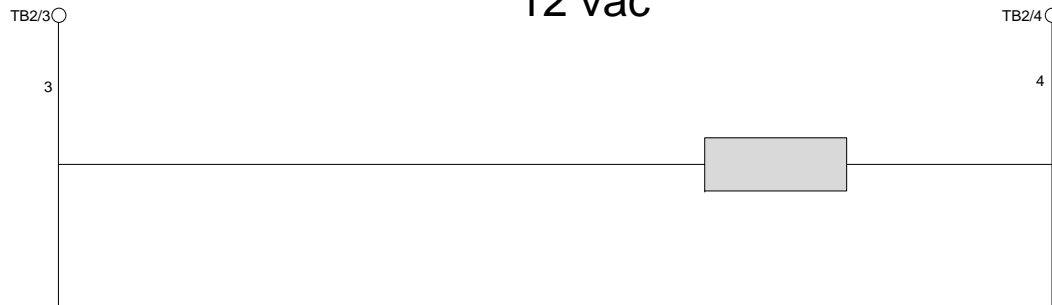


110 vac



Loop Reader
Relays (Exit, Safety
and Centre)

12 vac



Entry Phone
If Required

Electrical Key



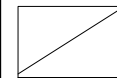
Circuit Breaker



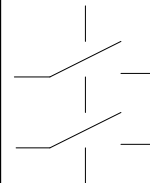
Transformer



Terminal



DC PSU



Isolator

Cable Sizes

230v Connections Minimum CSA 2.5 mm

Control Connections Minimum CSA 0.75 mm

Site Details- N/A

Project: Swing Gate

Page No: 2

Drawn by: DL

Drawing Number: 001

Detailing: Sliding Gate Schematic

Issue: 1

Checked by: WF

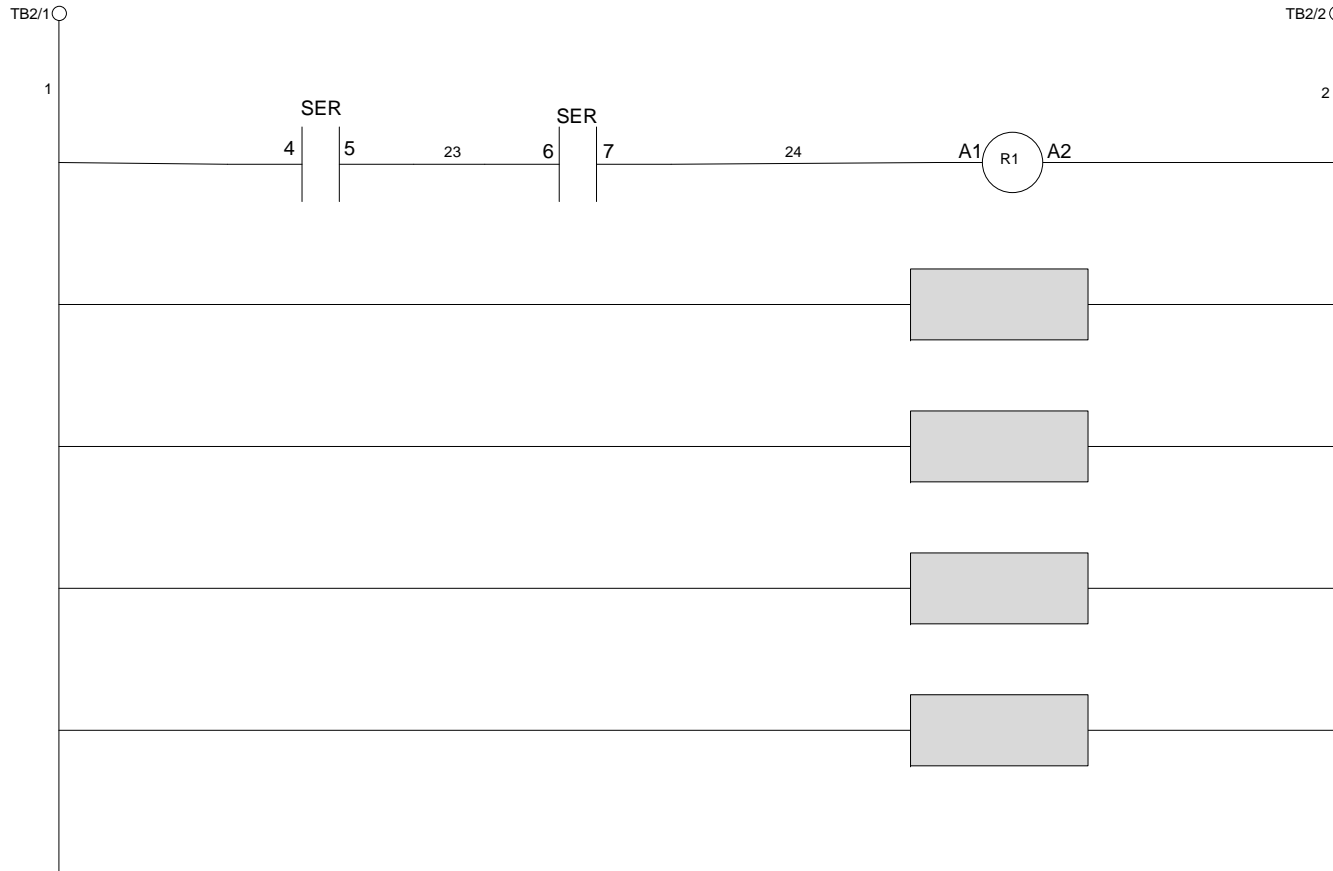
Rev: N/A

Classification: Copyright 2009




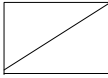
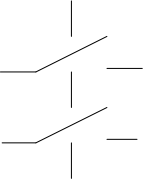
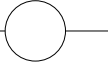


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24 vdc



Electrical Key

-  Circuit Breaker
-  Transformer
-  Terminal
-  DC PSU
-  Isolator
-  Relay
-  N/O
-  SER

Interface Relay

Radar

Safety Edge Relay

Safety Beam TX

Safety Beam RX

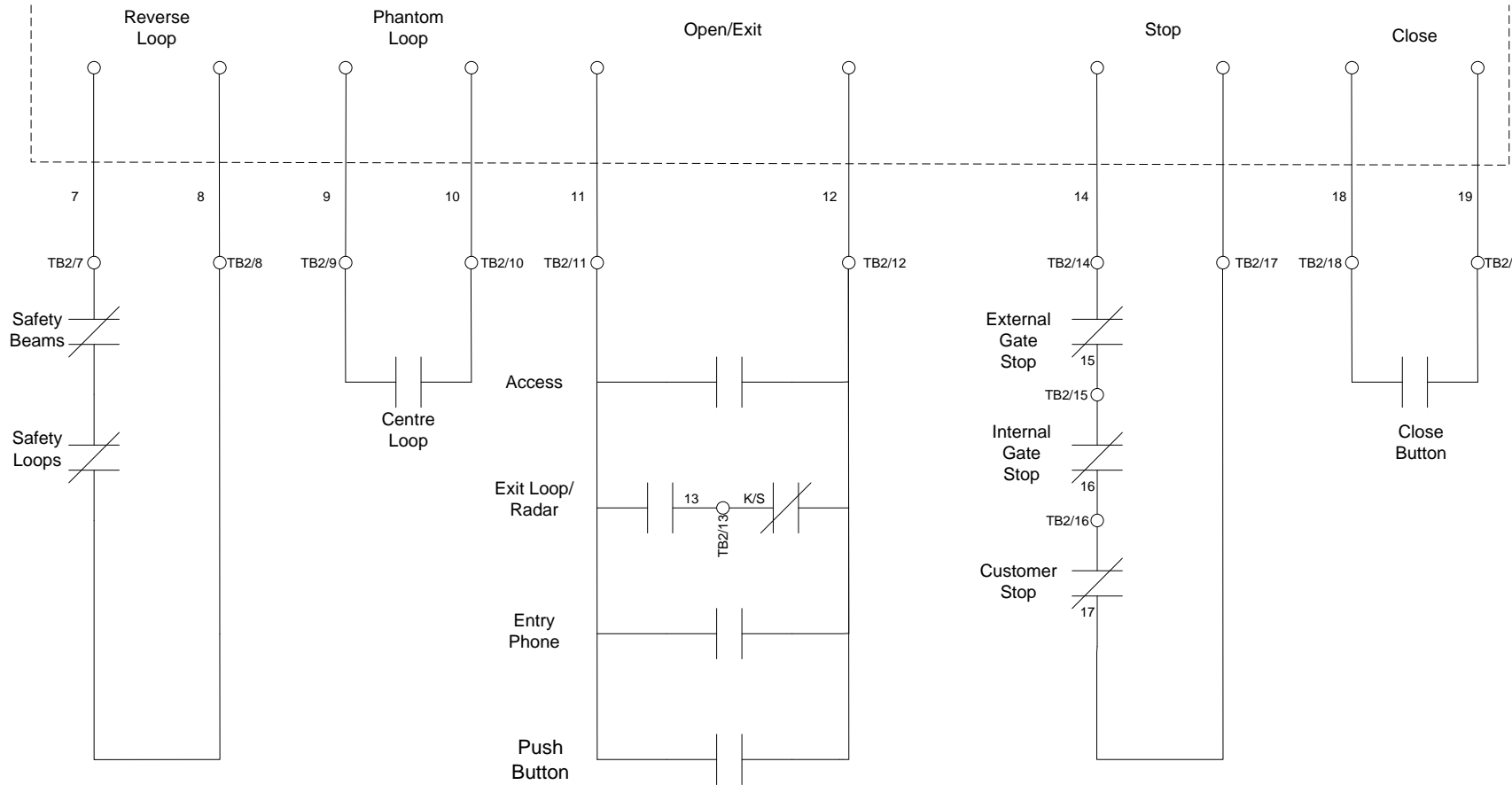
Site Details- N/A			
Project: Swing Gate			
Page No: 3	Drawn by: DL	Drawing Number: 001	Detailing: Sliding Gate Schematic
Issue: 1	Checked by: WF	Rev: N/A	Classification: Copyright 2009

Cable Sizes
 230v Connections Minimum CSA 2.5 mm
 Control Connections Minimum CSA 0.75 mm

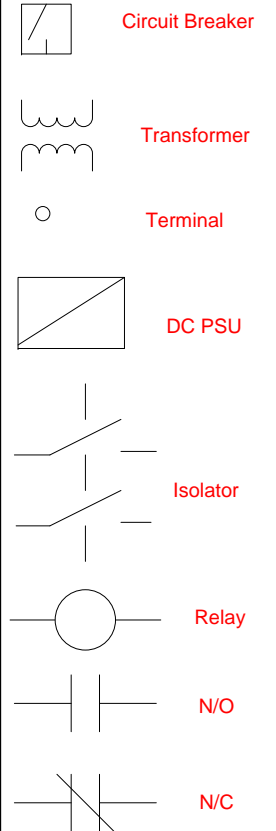
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Paramount Slide Drive Motor



Electrical Key



Cable Sizes

230v Connections Minimum CSA 2.5 mm
 Control Connections Minimum CSA 0.75 mm

Site Details- N/A

Project: Swing Gate

Page No: 4

Drawn by: DL

Drawing Number: 001

Detailing: Sliding Gate Schematic

Issue: 1

Checked by: WF

Rev: N/A

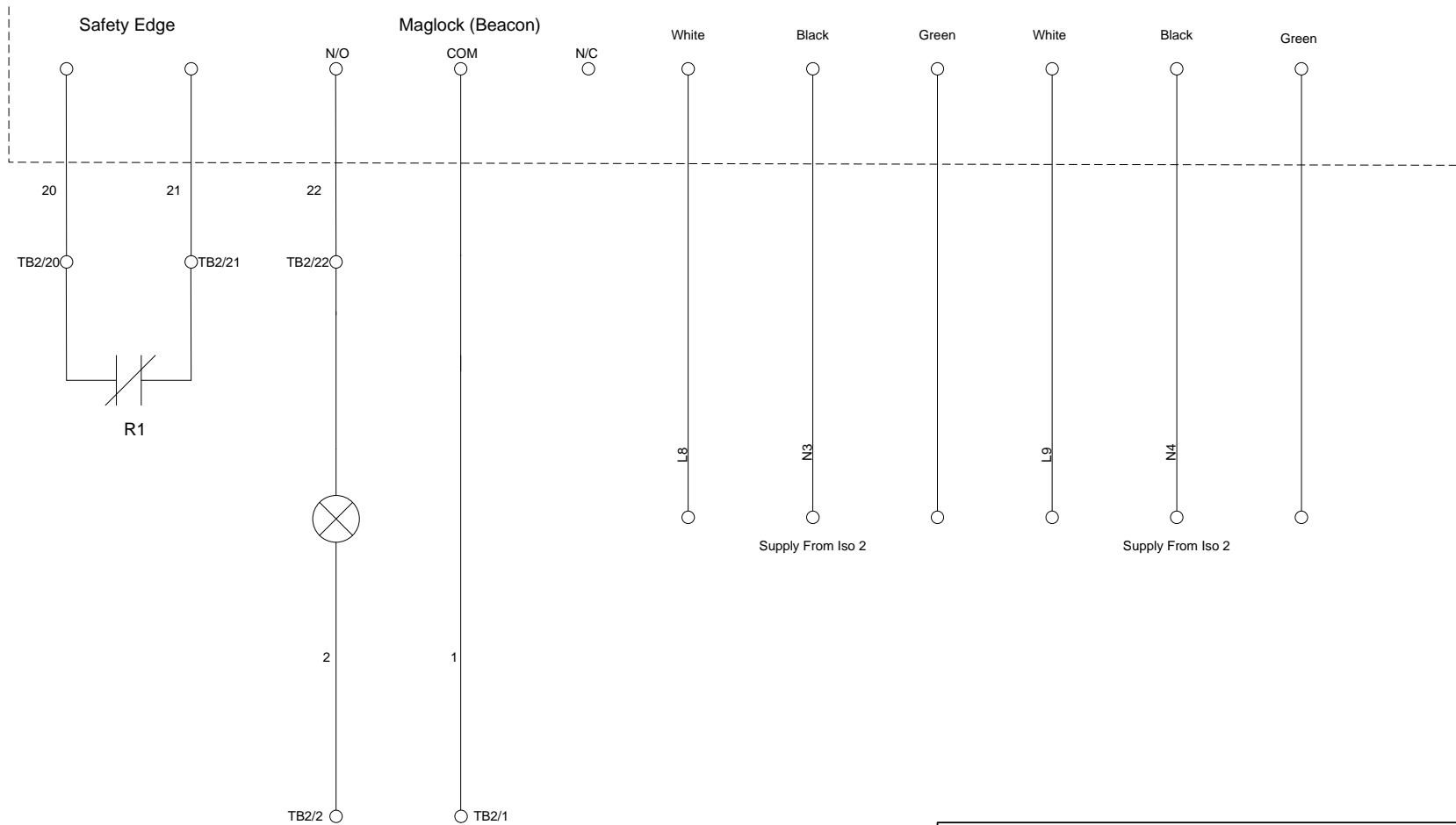
Classification: Copyright 2009

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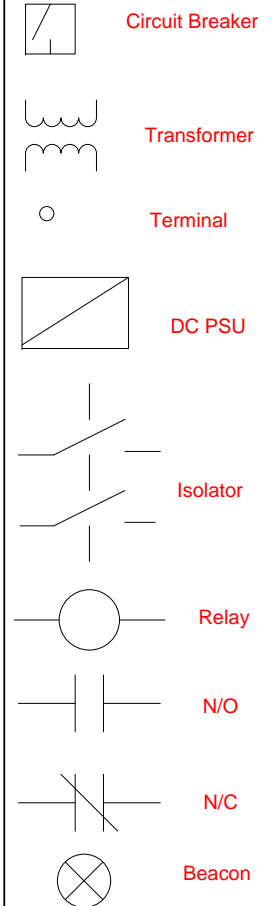


Paramount Slide Drive Motor

110vac Supply



Electrical Key



Cable Sizes

230v Connections Minimum CSA 2.5 mm
Control Connections Minimum CSA 0.75 mm

Site Details- N/A

Project: Swing Gate

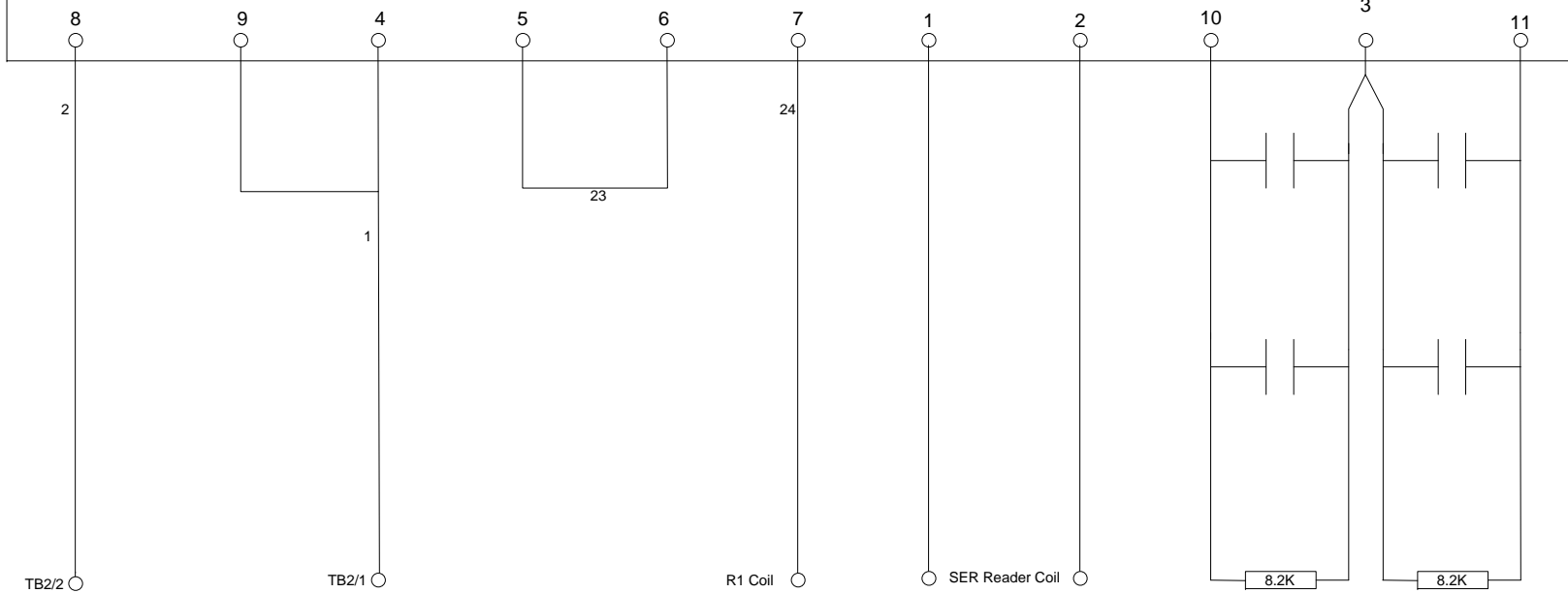
Page No: 5 Drawn by: DL Drawing Number: 001 Detailing: Sliding Gate Schematic

Issue: 1 Checked by: WF Rev: N/A Classification: Copyright 2009




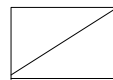
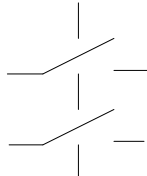
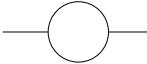



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Safety Edge Control Relay




Electrical Key

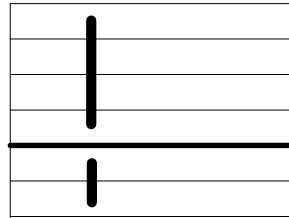
-  Circuit Breaker
-  Transformer
-  Terminal
-  DC PSU
-  Isolator
-  Relay
-  N/O
-  N/C
-  Beacon

Cable Sizes

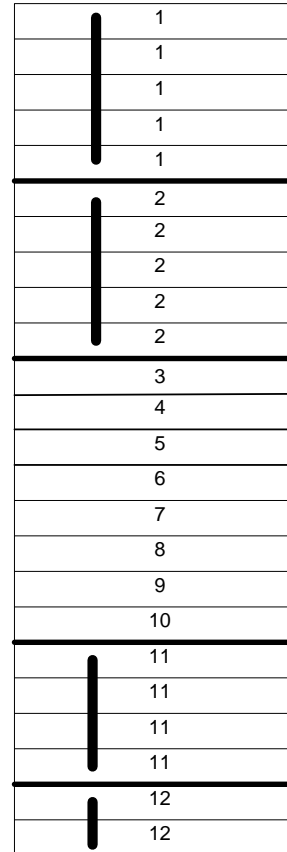
230v Connections Minimum CSA 2.5 mm
 Control Connections Minimum CSA 0.75 mm

Site Details- N/A			
Project: Swing Gate			
Page No: 6	Drawn by: DL	Drawing Number: 001	Detailing: Sliding Gate Schematic
Issue: 1	Checked by: WF	Rev: N/A	Classification: Copyright 2009
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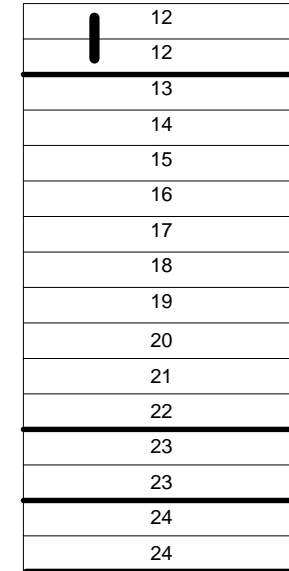
TB 1



TB 2



TB 2



Cable Sizes

230v Connections Minimum CSA 2.5 mm

Control Connections Minimum CSA 0.75 mm

TB- Terminal Block

Site Details- N/A			
Project: Swing Gate Terminal List			
Page No: 7	Drawn by: DL	Drawing Number: 001	Detailing: Sliding Gate Schematic
Issue: 1	Checked by: WF	Rev: N/A	Classification: Copyright 2009
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Swing Gate Cable Schedule

F R O M	T O	C A B L E mm2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
M/P	Motor	18c 0.75	1	7	8	9	10	11	12	14	17	18	19	20	21	22				
M/P	Motor	3c 2.5	L8	N3	E															
M/P	E Phone	5c 0.75	3	4	11	12														
M/P	Radar	5c 0.75	1	2	11	12														
M/P	Radar K/S	3c 0.75	12	13																
M/P	RX Beam	5c 0.75	1	2	7	8														
M/P	TX Beam	3c 0.75	1	2																
M/P	Stop 1	3c 0.75	14	15																
M/P	Stop 2	3c 0.75	15	16																
M/P	P Button	7c ?	11	12	16	17	18	19												
M/P																				
M/P																				
M/P																				
M/P																				
M/P																				
M/P																				
M/P																				



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