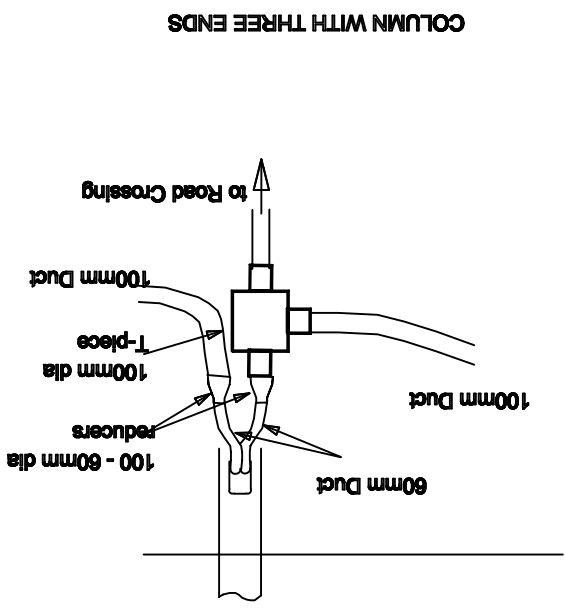
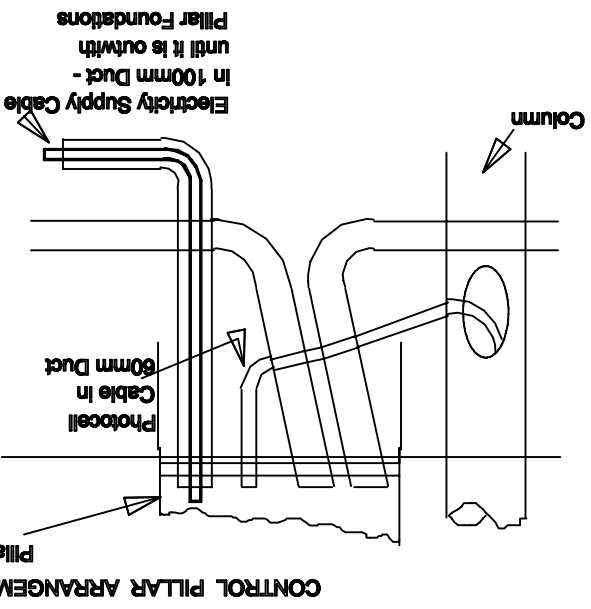
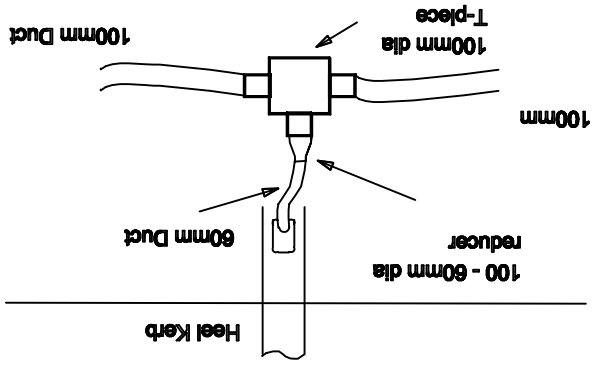


Title <b>MINI FEEDER PILLAR          PANEL LAYOUT</b>	<b>All Ayrshire Specification</b>	
	Scale <b>N.T.S.</b>	Date <b>APRIL 2009</b>
	Drawing No. <b>SL/SPEC/46</b>	
Design Office		

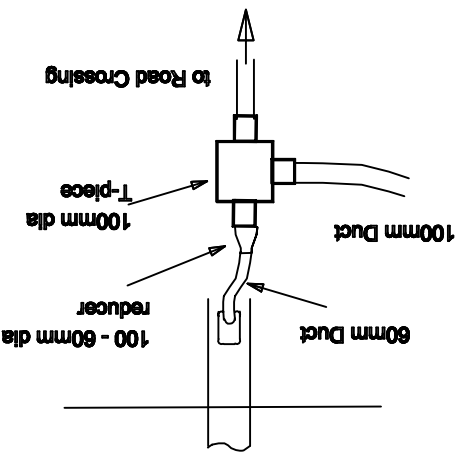
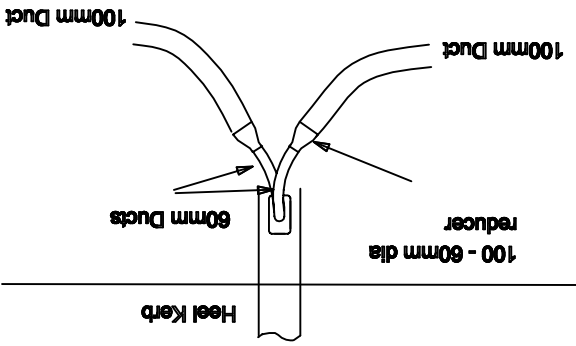


STANDARD ARRANGEMENT



CONTROL PILLAR ARRANGEMENT

ALTERNATIVE ARRANGEMENT



Title

CABLE TRENCH LAYOUT  
DUCT ARRANGEMENT

All Ayrshire Specification

Scale

N.T.S.

Date

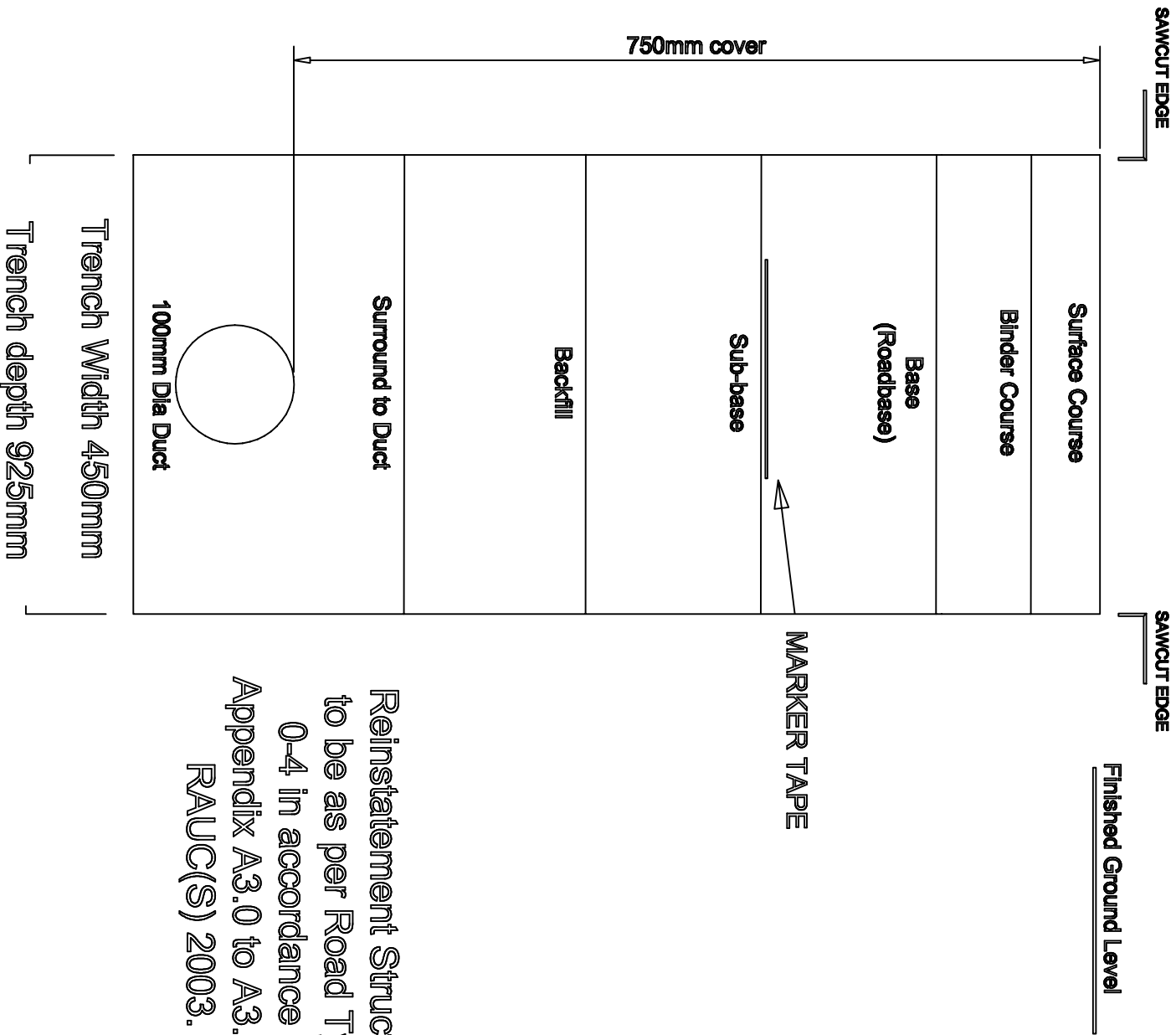
APRIL 2009

Design Office

Drawing No.

SL/SPEC/1

# ROAD CROSSING



Reinstatement Structure  
to be as per Road Type  
0-4 in accordance to  
Appendix A3.0 to A3.5 of  
RAUC(S) 2003.

Note 1 - All vertical faces to be hot pitched painted or an approved alternative  
 Note 2 - All joints to be hot pitched painted or an approved alternative.

**Title**

**EXCAVATION AND REINSTATEMENT  
OF ROAD CROSSING**

All Ayrshire Specification

**Scale**

N.T.S.

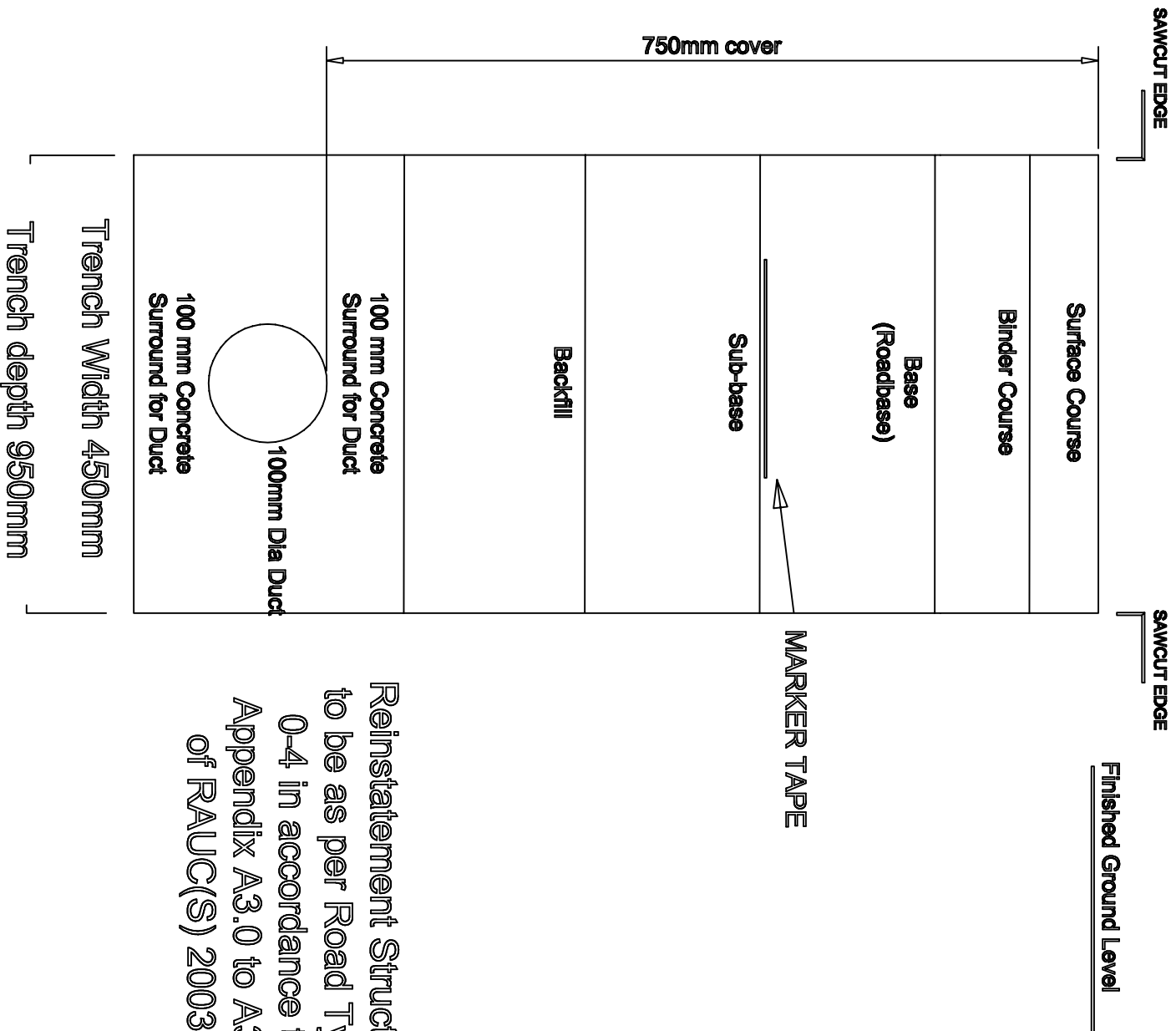
**Date**

APRIL 2009

**Design Office**

**Drawing No.** SL/SPEC/3

# ROAD CROSSING



Reinstatement Structure to be as per Road Type 0-4 in accordance to Appendix A3.0 to A3.5 of RAUC(S) 2003.

Note 1 - All vertical faces to be hot pitched painted or an approved alternative  
 Note 2 - All joints to be hot pitched painted or an approved alternative.

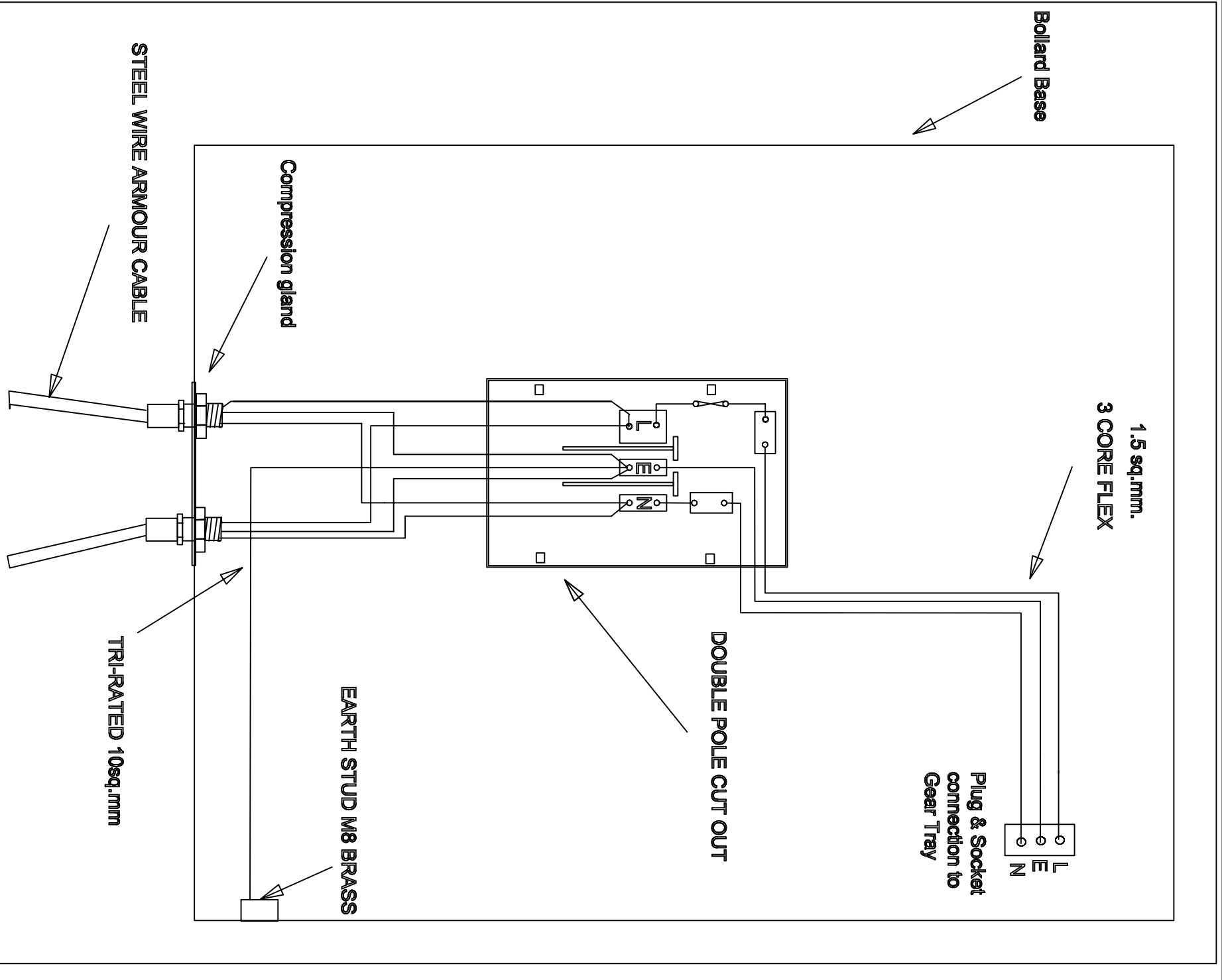
**Title**  
 EXCAVATION AND REINSTATEMENT OF  
 ROAD CROSSING WITH ADDITIONAL  
 CONCRETE SURROUND WHEN  
 REQUESTED BY ENGINEER

All Ayrshire Specification

Scale    N.T.S.    Date    APRIL 2009

Design Office

Drawing No.    SLUSPEC/3A



Bollard Base

1.5 sq. mm.  
3 CORE FLEX

Plug & Socket  
connection to  
Gear Tray

L  
E  
N

DOUBLE POLE CUT OUT

EARTH STUD M8 BRASS

Compression gland

STEEL WIRE ARMOUR CABLE

TRI-RATED 10sq. mm

Title

BOLLARD TERMINATION

All Ayrshire Specification

Design Office

Scale

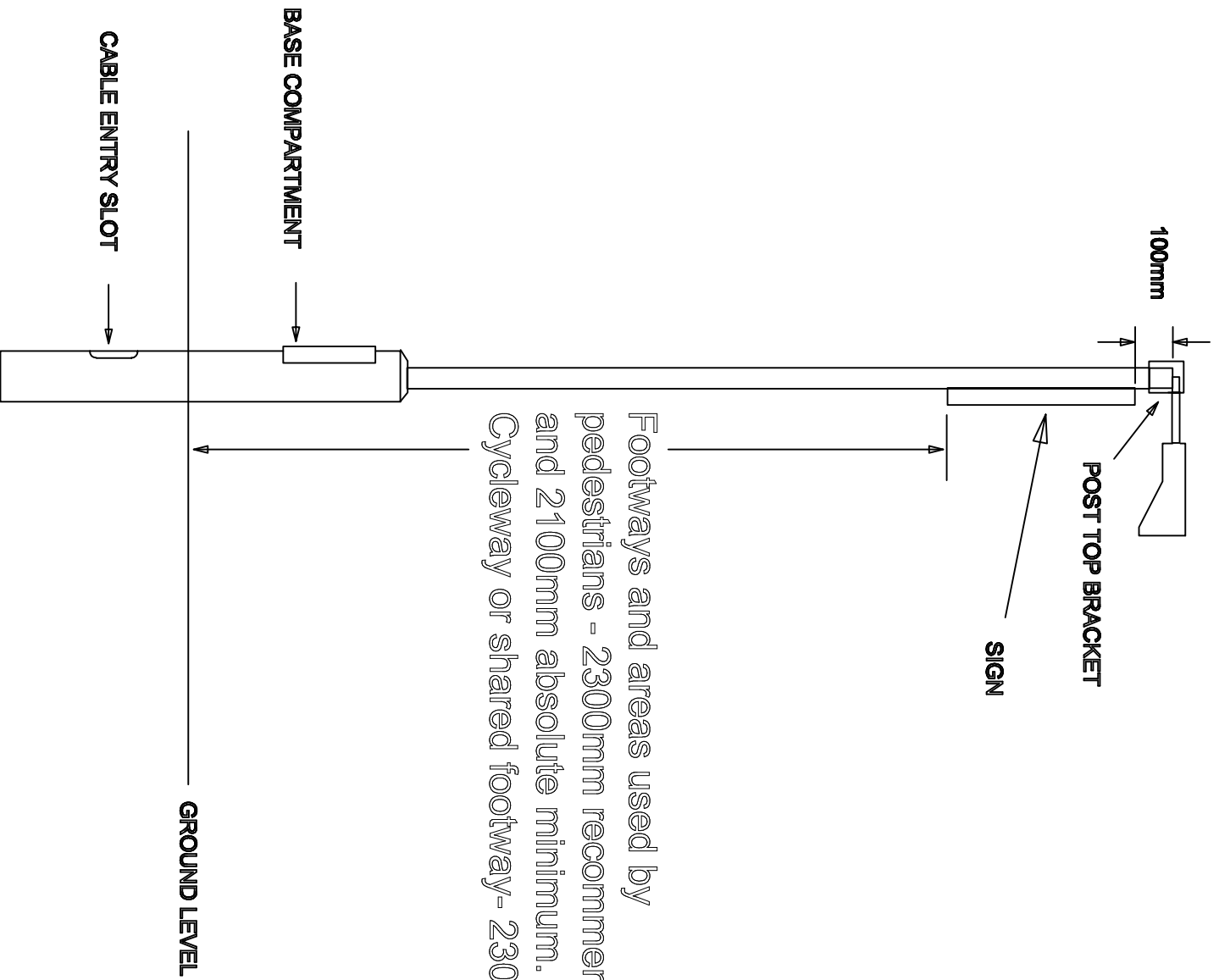
N.T.S.

Date

APRIL 2009

Drawing No.

SL/SPEC/4



**Title**

Traffic Sign and Luminaire  
Sign Column with Base Compartment

All Ayrshire Specification

**Scale**

N.T.S.

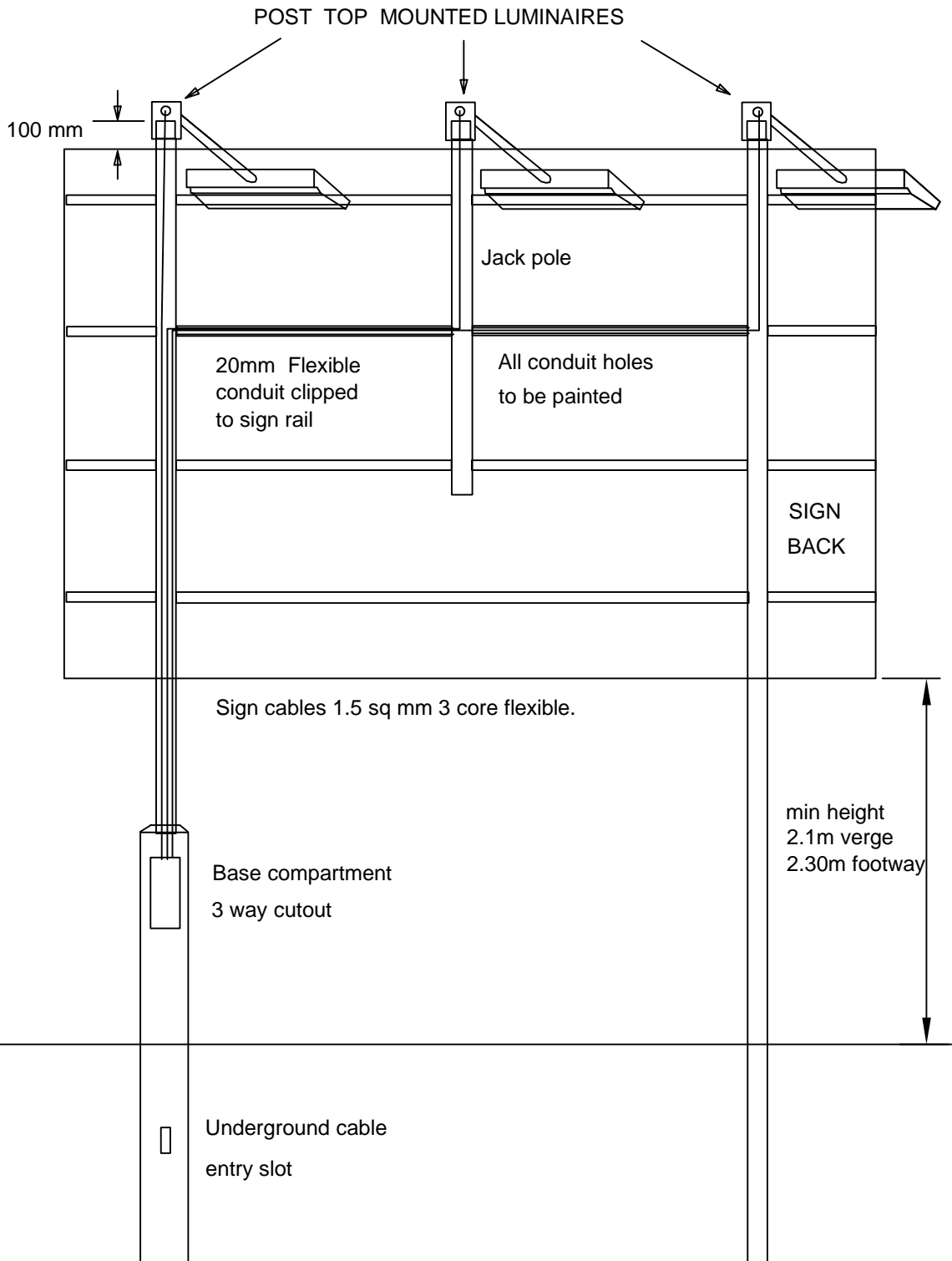
**Date**

APRIL 2009

**Design Office**

**Drawing No.**

SL/SPEC/11

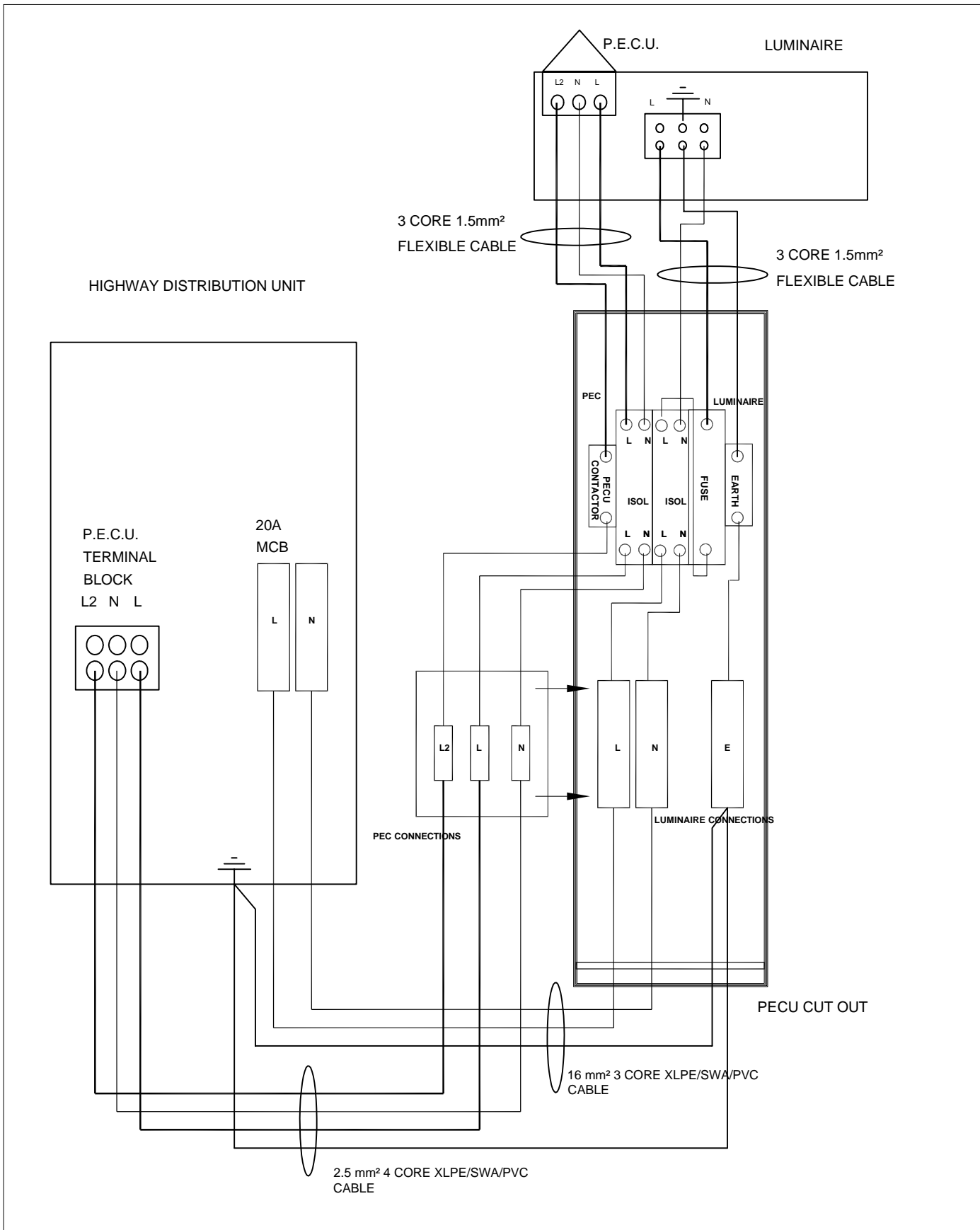


Sign pole & shaft diameters may vary.

Cap over brackets of the correct size should be obtained.

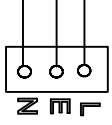
A base compartment must be provided.

Title <b>TRAFFIC SIGN LIGHTING MULTIPLE LUMINAIRE ARRANGEMENT</b>	<b>All Ayrshire Specification</b>	
	Scale    N.T.S.	Date <b>APRIL 2009</b>
Design Office	Drawing No. <b>SL/SPEC/12</b>	



Title	All Ayrshire Specification		
	P.E.C.U. CONNECTION TO HIGHWAY DISTRIBUTION BOARD		
Design Office	Scale	N.T.S.	Date
			APRIL2009
		Drawing No.	SL/SPEC/13

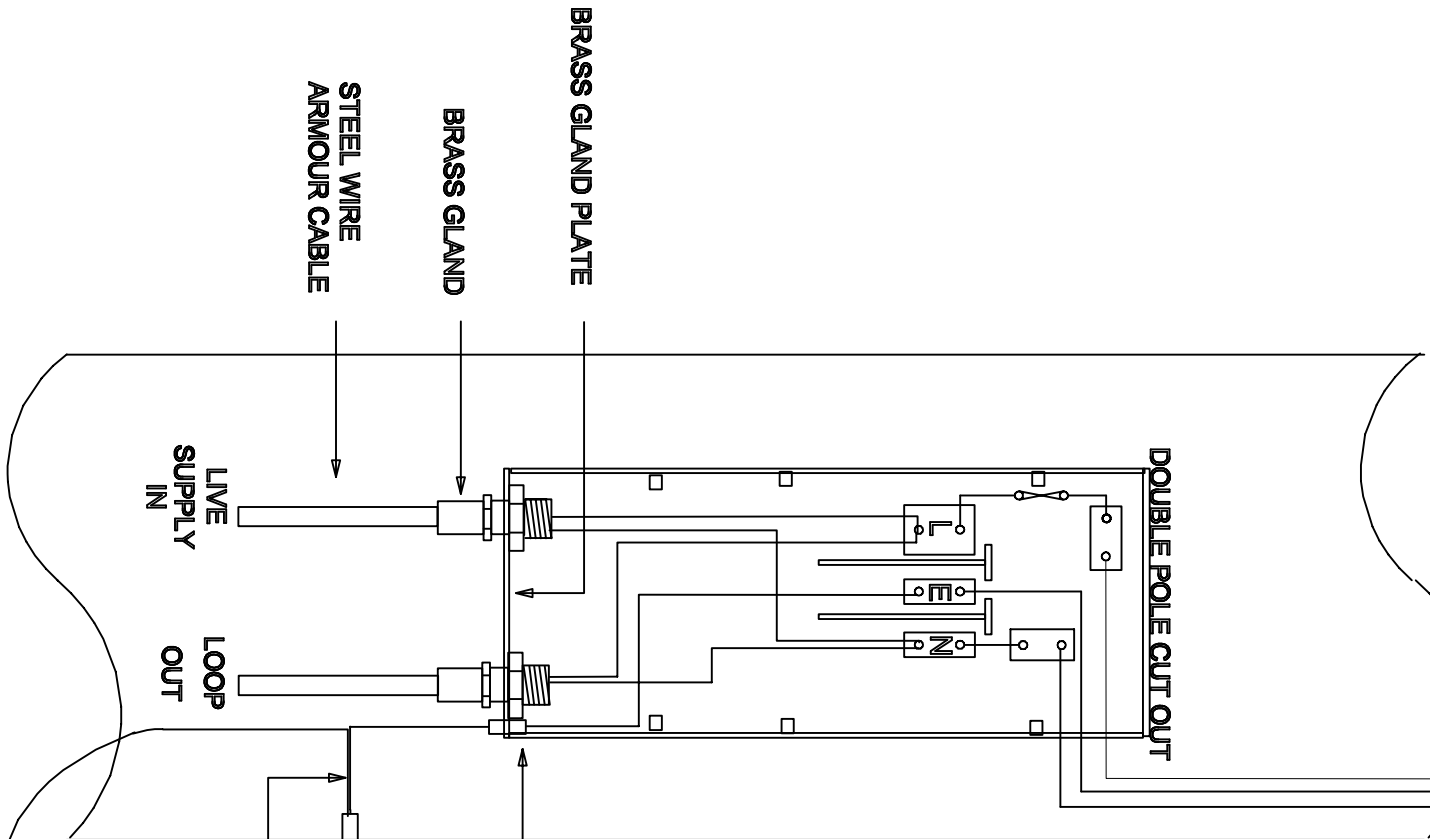
2.5 sq.mm 3 CORE FLEXIBLE CABLE (or 1.5 sq.mm where vertical unsupported length does not exceed 6m)



LANTERN

LAMP FUSE RATING TABLE

LAMP RATING	FUSE LINK RATING	LAMP RATING	FUSE LINK RATING
≤100W	6A	>100W	≤250W
			10A
		≥250W	16A



Title

LIGHTING COLUMN CUT-OUT  
STEEL WIRE ARMOUR CABLE  
IN COLUMN BASE

All Ayrshire Specification

Scale

N.T.S.

Date

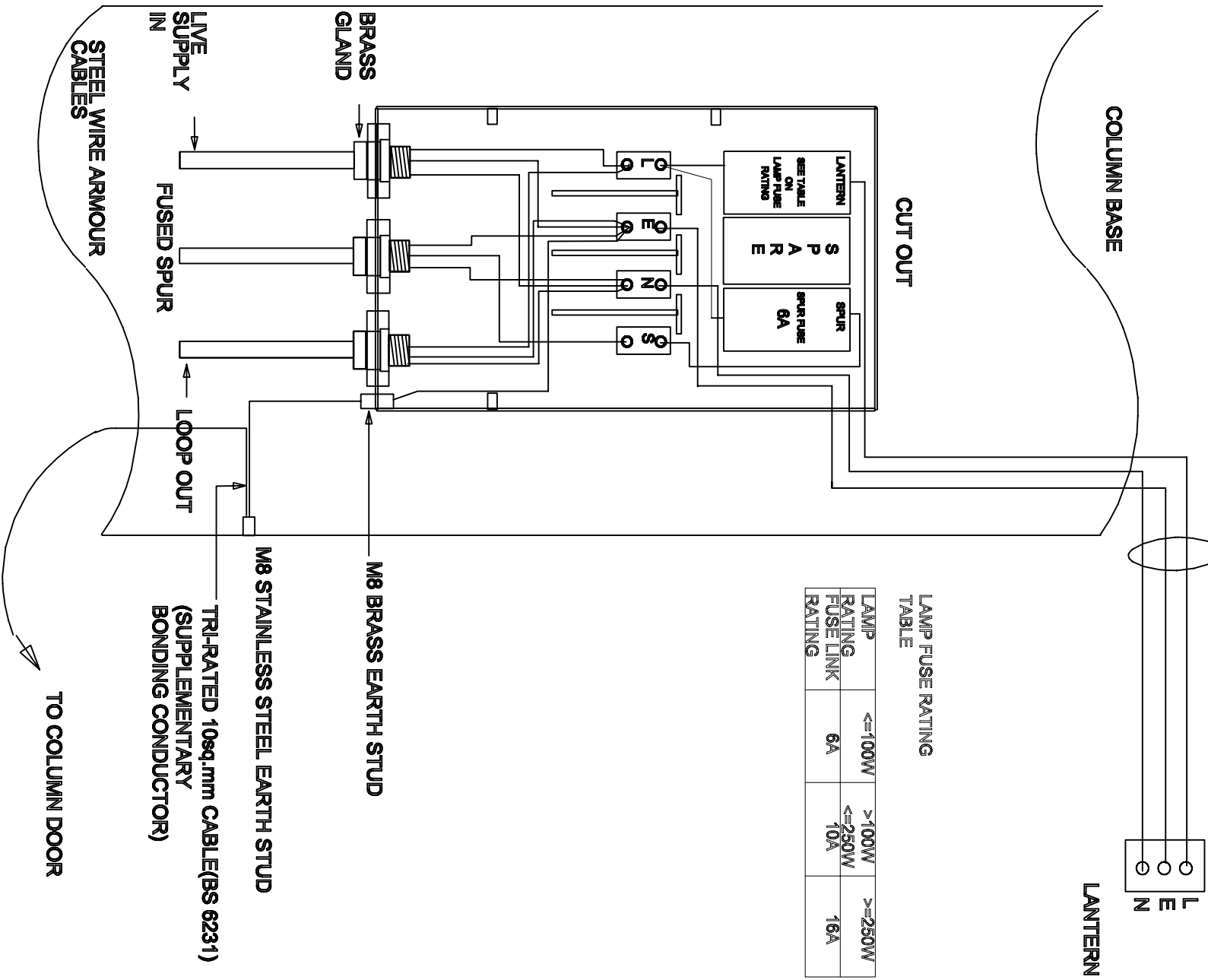
APRIL 2009

Design Office

Drawing No.

SL/SPEC/19

2.5 sq.mm 4 CORE FLEXIBLE CABLE (or 1.5 sq.mm where vertical unsupported length does not exceed 6m)



LAMP FUSE RATING TABLE

LAMP RATING	FUSE LINK RATING
$\leq 100W$	6A
$> 100W$	$\leq 250W$ 10A
$\geq 250W$	16A

Title

LIGHTING COLUMN CUT-SWITCHED SYSTEM WITH FUSED SPUR FOR TRAFFIC EQUIPMENT.

All Ayrshire Specification

Scale

N.T.S.

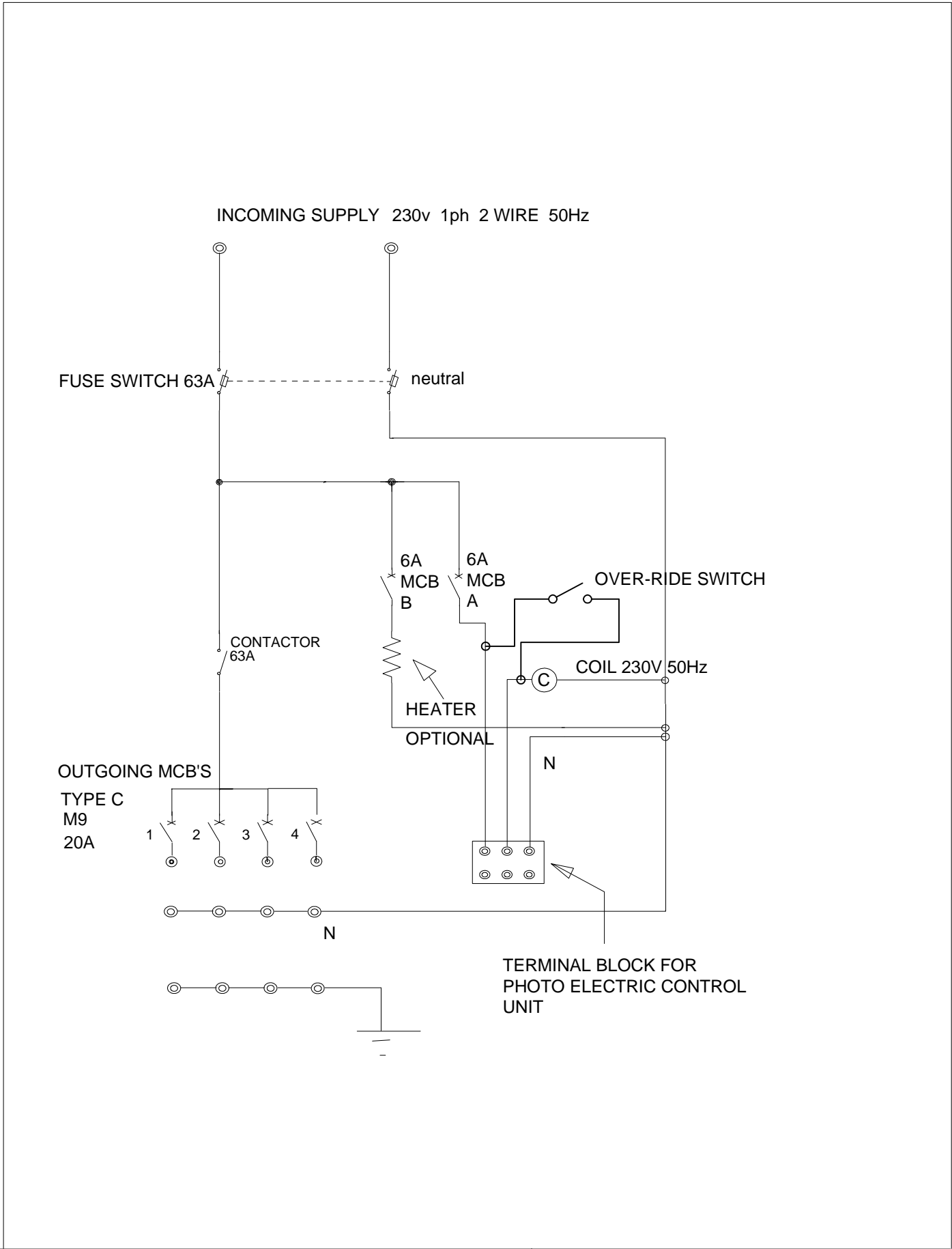
Date

APRIL 2009

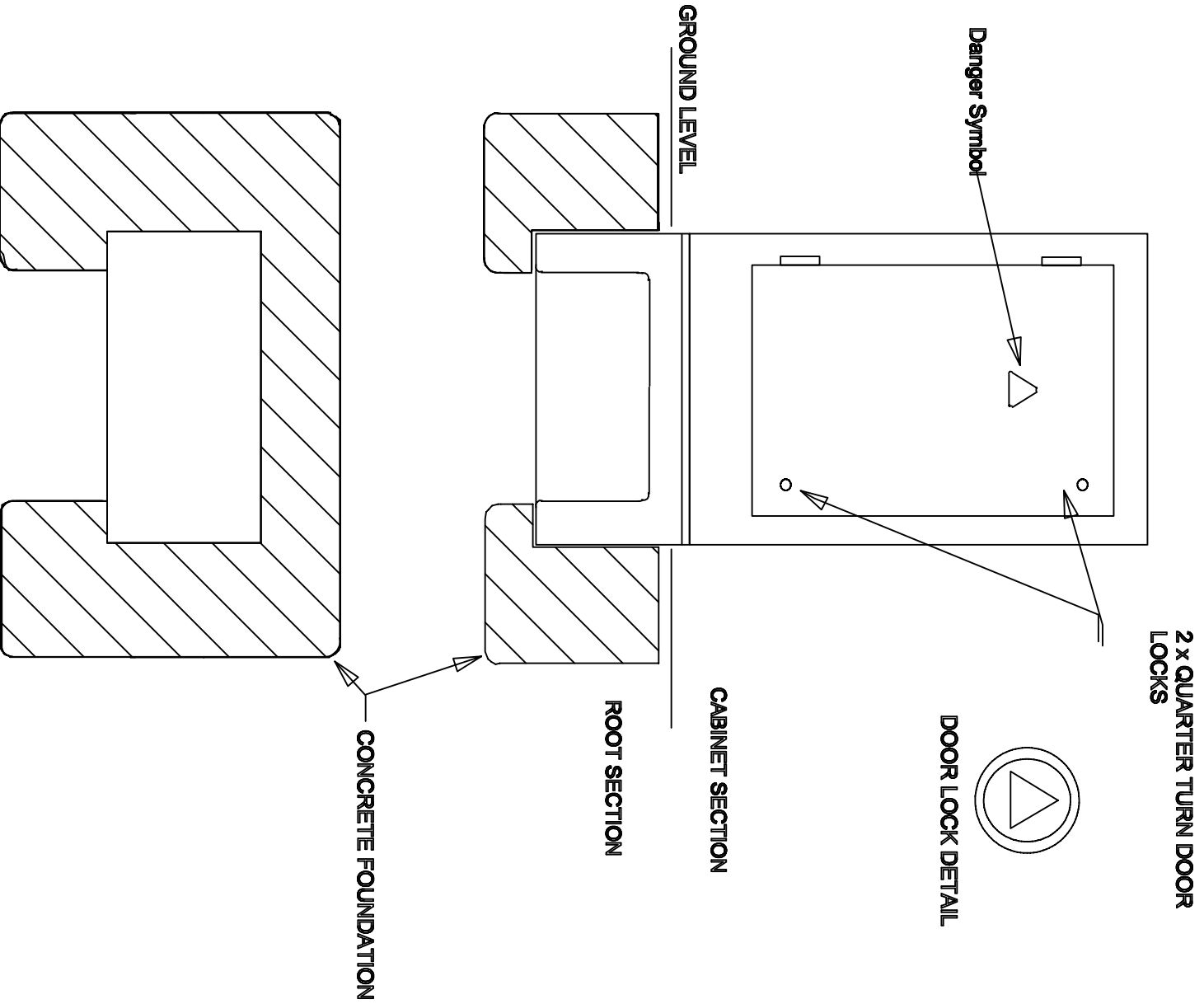
Design Office

Drawing No.

SL/SPEC/21A



<p>Title</p> <p><b>HIGHWAY DISTRIBUTION BOARD PANEL SINGLE PHASE SWITCHED SCHEMATIC</b></p> <p>Design Office</p>	<p style="text-align: center;"><b>All Ayrshire Specification</b></p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black;"> <p>Scale      N.T.S.</p> </td> <td style="width: 50%;"> <p>Date      <b>APRIL 2009</b></p> </td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"> <p>Drawing No.      <b>SL/SPEC/23</b></p> </td> </tr> </table>	<p>Scale      N.T.S.</p>	<p>Date      <b>APRIL 2009</b></p>	<p>Drawing No.      <b>SL/SPEC/23</b></p>	
<p>Scale      N.T.S.</p>	<p>Date      <b>APRIL 2009</b></p>				
<p>Drawing No.      <b>SL/SPEC/23</b></p>					

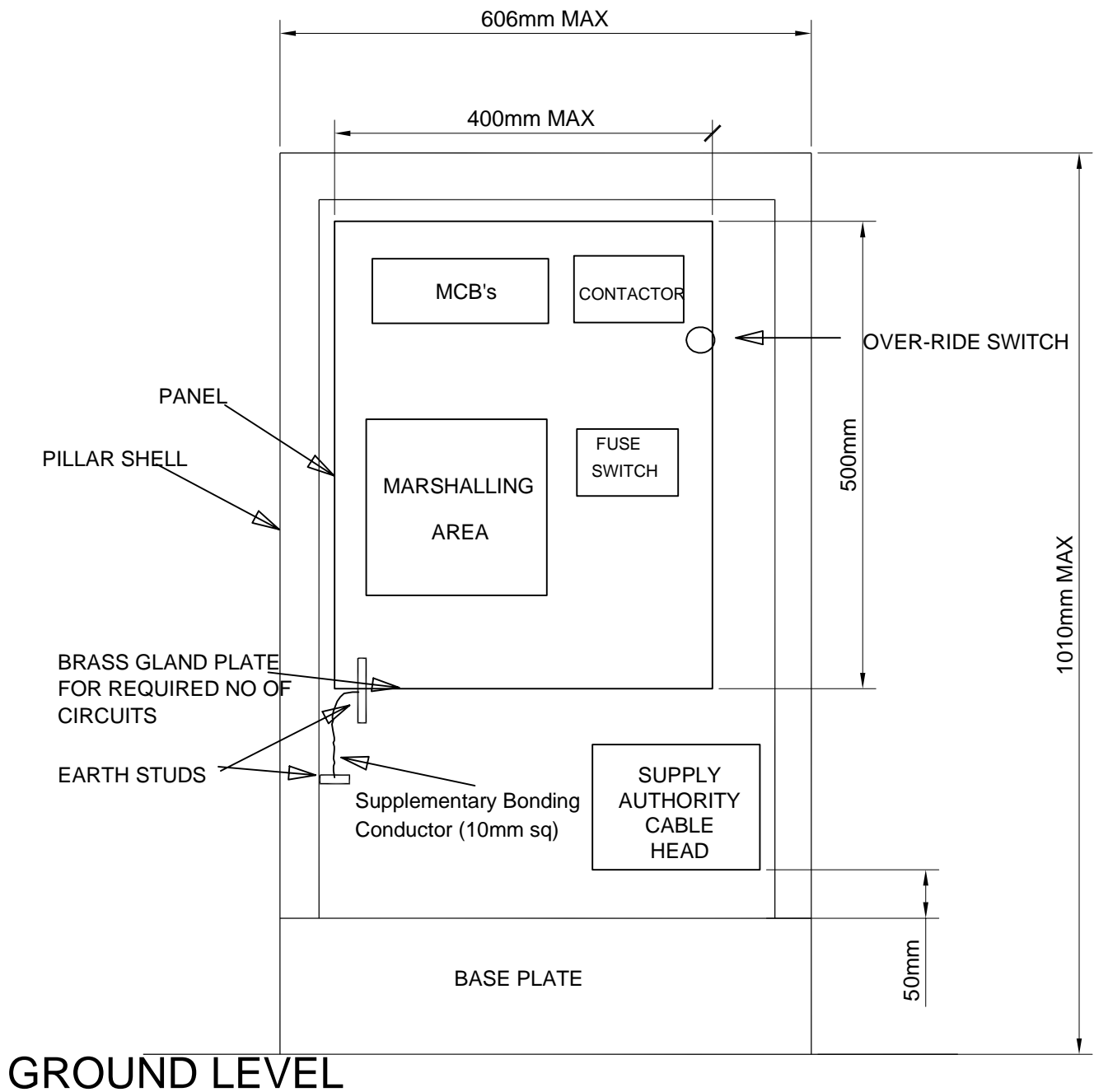


**Title**  
**ENCLOSURE - HIGHWAY  
 DISTRIBUTION BOARD**

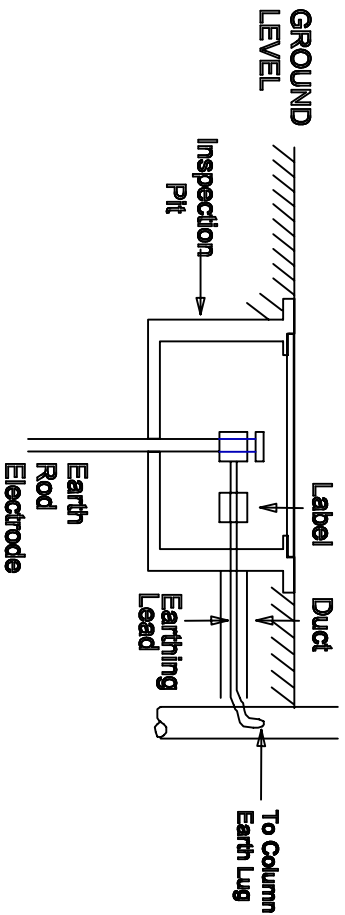
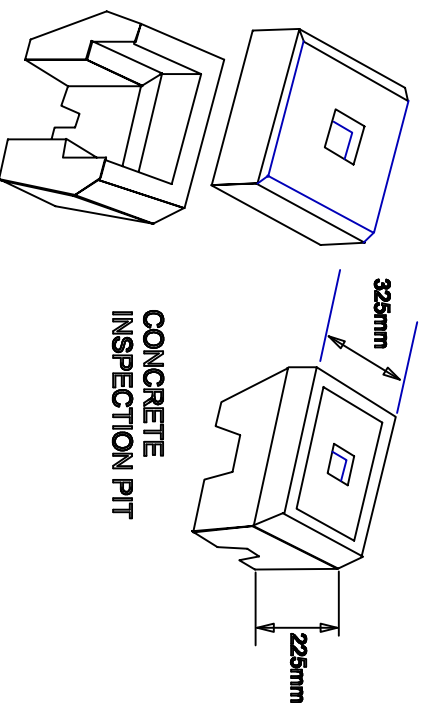
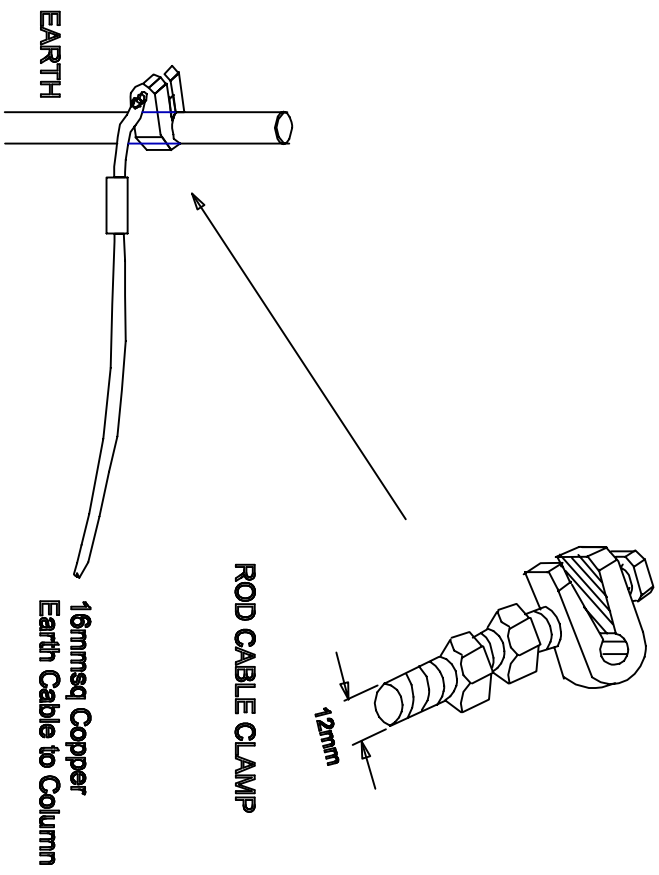
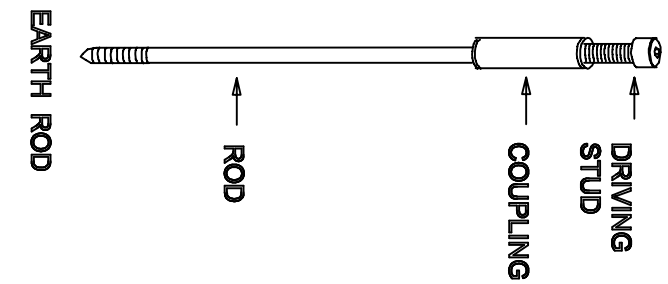
**All Ayrshire Specification**

**Design Office**

<b>Scale</b>	<b>N.T.S.</b>	<b>Date</b>	<b>APRIL 2009</b>
		<b>Drawing No.</b>	<b>SL/SPEC/25</b>



Title	HIGHWAY DISTRIBUTION UNIT LAYOUT OF PANEL WITHIN ENCLOSURE			All Ayrshire Specification	
	Scale	N.T.S.	Date	APRIL 2009	
Design Office				Drawing No.	SL/SPEC/26



**NOTES:-**  
 After the installation has been satisfactorily tested the inspection pit shall be filled with sand to the bottom level of the lid.

Title

**EARTH ELECTRODE  
 INSTALLATION**

All Ayrshire Specification

Scale

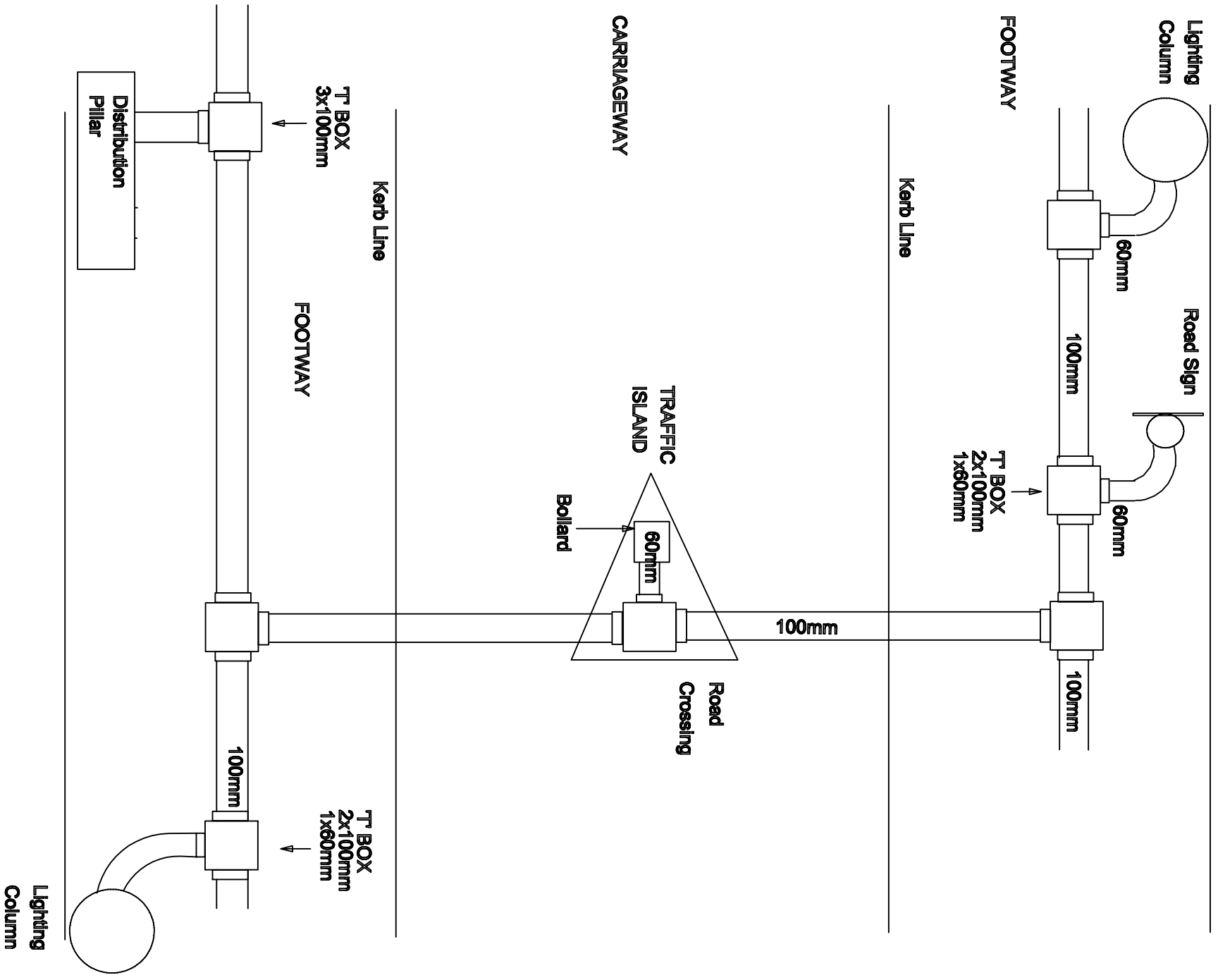
N.T.S.

Date

APRIL 2009

Design Office

Drawing No. SLSPEC/27



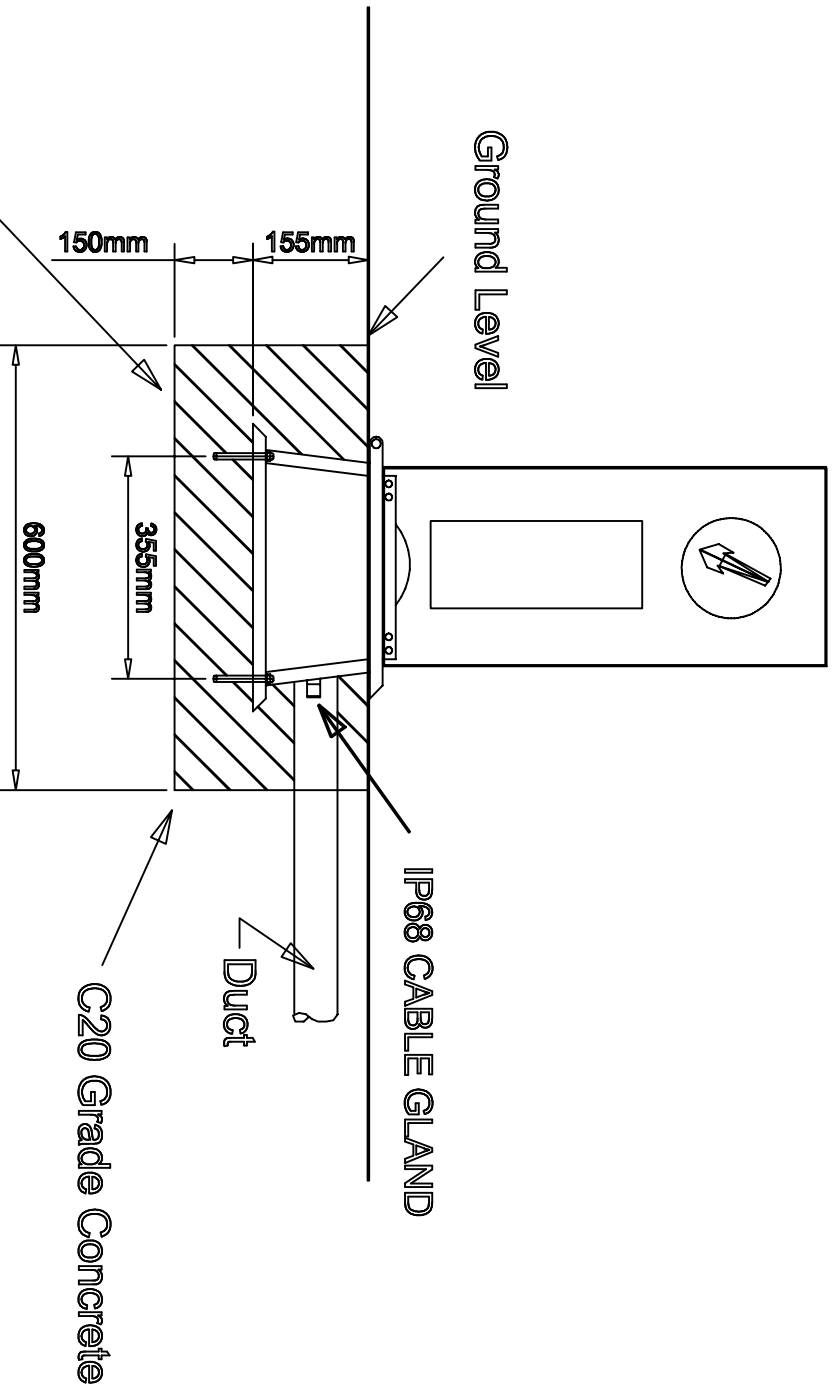
Title

All Ayrshire Specification

GENERAL ARRANGEMENT FOR DUCTING AT  
LIGHTING APPARATUS AND TRAFFIC ISLANDS

Scale N.T.S. Date APRIL 2009

Design Office SLS/SPEC/31



100mm anchor bolts to be used when fixing baselight into block pavior or earth foundation.

**Title**  
**BOLLARD FOUNDATION (BASE LIT)**

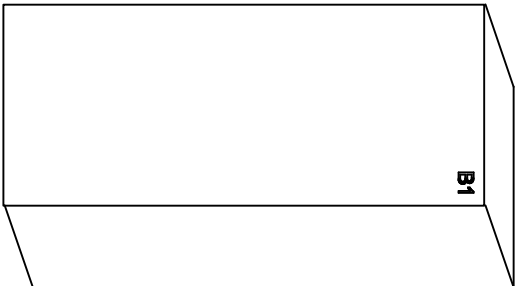
All Ayrshire Specification

**Scale** N.T.S.

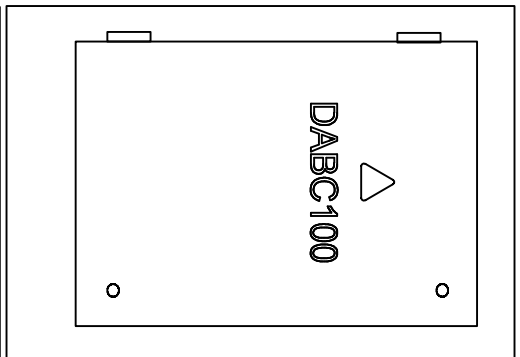
**Date** APRIL 2009

**Design Office**

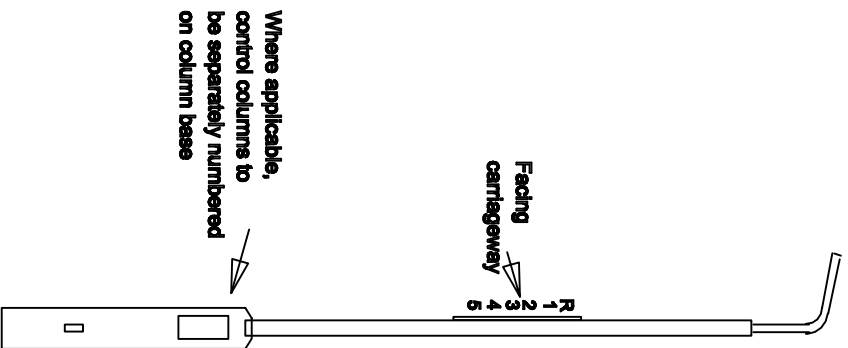
**Drawing No.** SL/SPEC/34



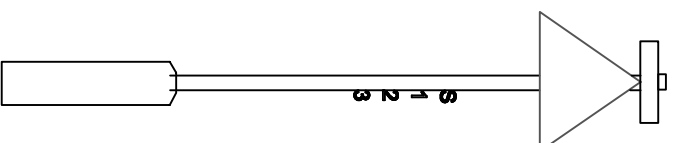
**REAR OF BOLLARD**



**HIGHWAY DISTRIBUTION PILLAR**



**ROAD LIGHTING UNIT**



**SIGN LIGHTING UNIT**

**Title**

**NUMBERING OF STREET FURNITURE  
TYPICAL EXAMPLES**

**All Ayrshire Specification**

**Scale**

**N.T.S.**

**Date**

**APRIL 2009**

**Design Office**

**Drawing No.**

**SUSPEC/36**

4m POST TOP STEEL LIGHTING COLUMN



6m INTEGRAL STEEL LIGHTING COLUMN



8m STEEL LIGHTING COLUMN COMPLETE WITH BRACKET



10m STEEL LIGHTING COLUMN COMPLETE WITH BRACKET



12m STEEL LIGHTING COLUMN COMPLETE WITH BRACKET



EXISTING LIGHTING COLUMN TO REMAIN



EXISTING LIGHTING COLUMN TO BE REMOVED



TRAFFIC SIGN COLUMN COMPLETE WITH T8 SIGN LANTERN



TRAFFIC SIGN COLUMN COMPLETE WITH DOUBLE ARM AND T8 SIGN LANTERNS



BOLLARD



Title <b>DRAWING SYMBOLS</b>  <b>SHEET 1</b>	All Ayrshire Specification	
	Scale	N.T.S.
	Date	JULY 2001
Design Office	Drawing No. <b>SL/SPEC/37</b>	

DESCRIPTION

PROPOSED

EXISTING TO  
REMAIN

EXISTING TO  
REMOVE

DISTRIBUTION PILLAR



EARTH ELECTRODE



CABLING

PROPOSED 6mm STEEL WIRE ARMOUR CABLE ENCLOSED IN DUCT



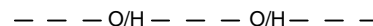
PROPOSED 16mm STEEL WIRE ARMOUR CABLE ENCLOSED IN DUCT



EXISTING UNDERGROUND CABLE TO REMAIN



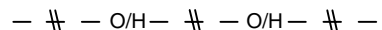
OVERHEAD CABLE



EXISTING OVERHEAD CABLE TO REMAIN



OVERHEAD CABLE TO BE REMOVED



Title

**DRAWING SYMBOLS  
SHEET 2**

All Ayrshire Specification

Scale

N.T.S.

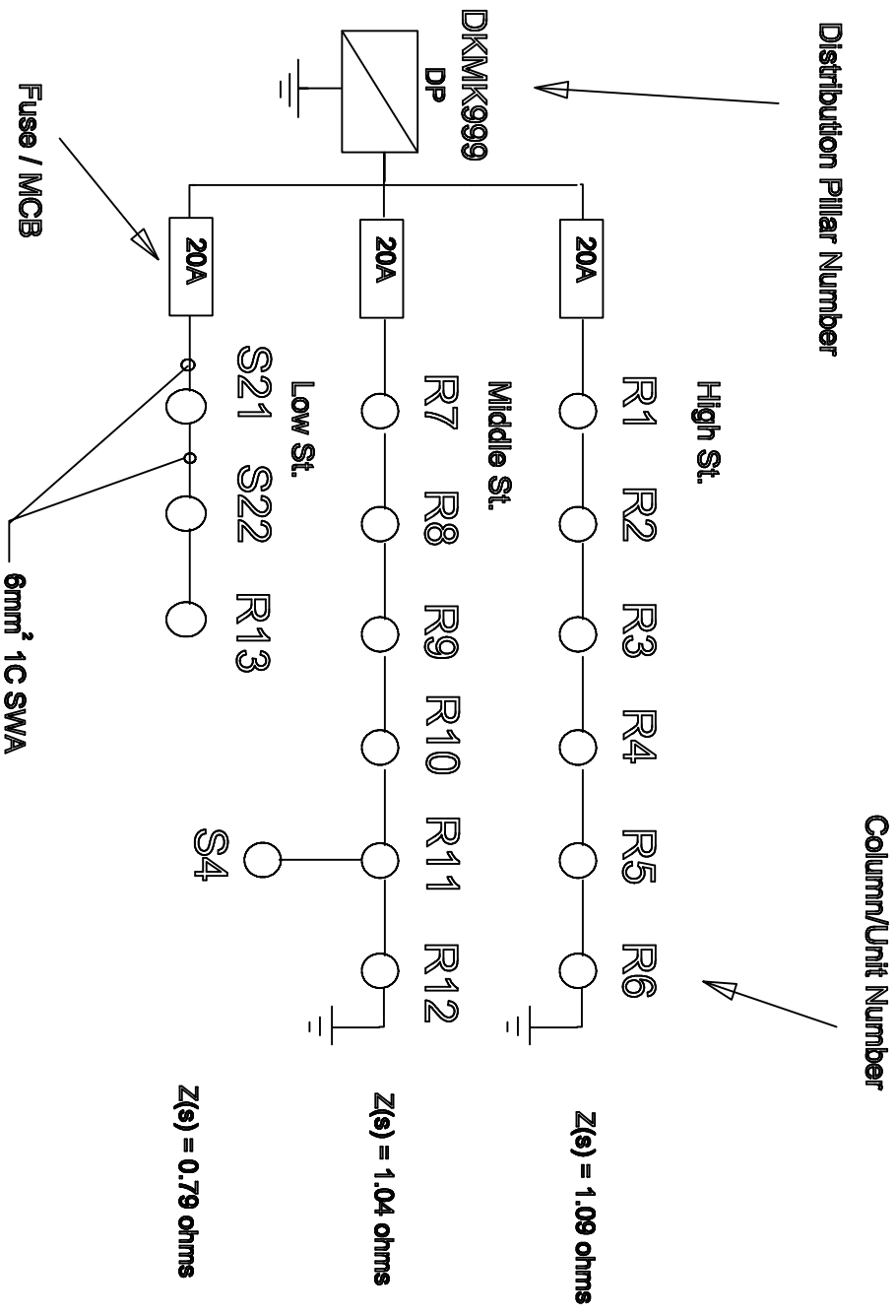
Date

JULY 2001

Design Office

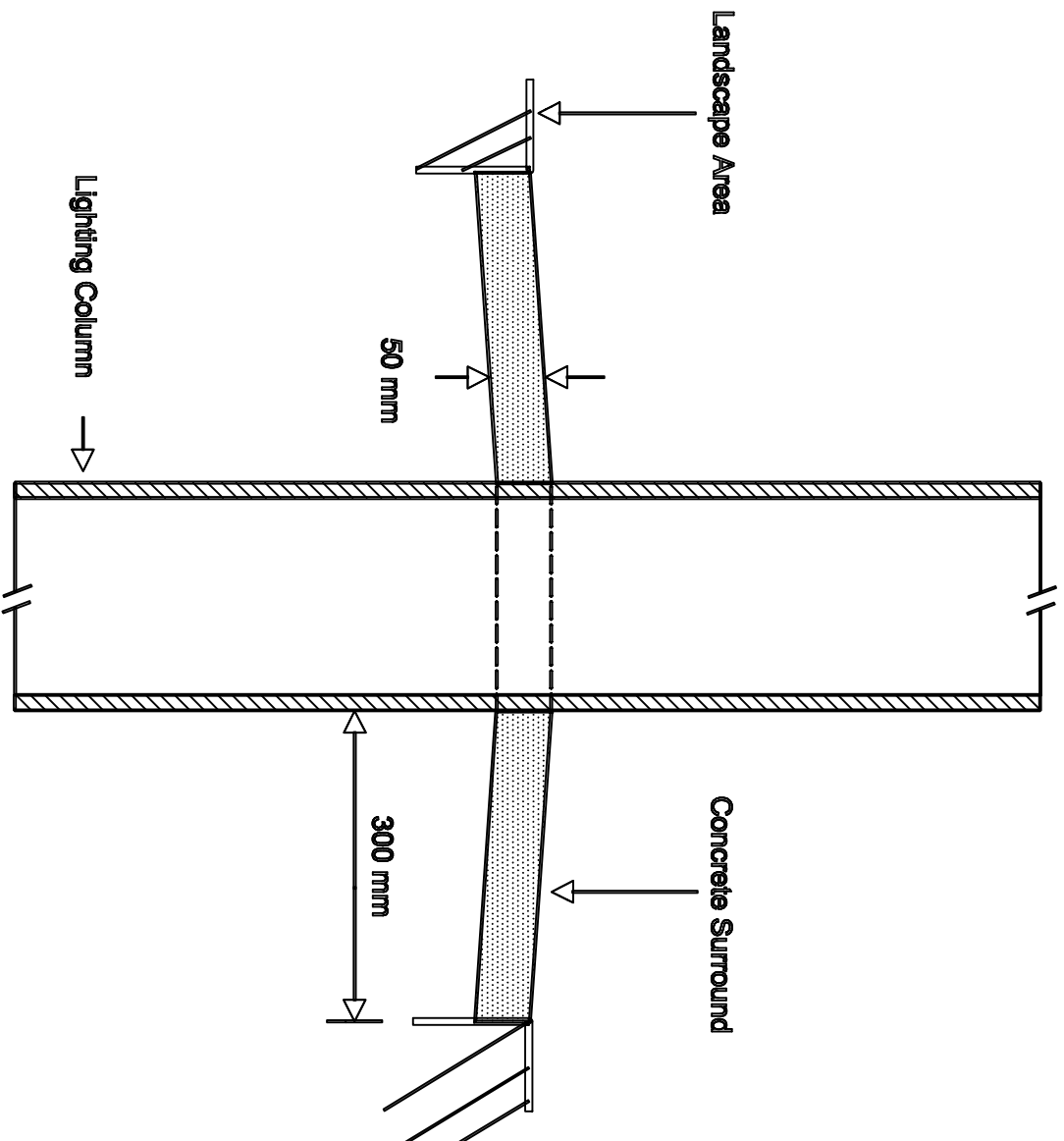
Drawing No.

SL/SPEC/38



All Cables :- 16mm<sup>2</sup> 3C SWA unless stated otherwise

Title	All Ayrshire Specification	
	Example of Installation Schematic For Distribution Pillars and Luminaires	
Design Office	Scale	N.T.S.
	Date	APRIL 2009
	Drawing No.	SLSPEC/39



Title

**CONCRETE COLLAR FOR COLUMNS  
INSTALLED IN LANDSCAPE AREAS**

**All Ayrshire Specification**

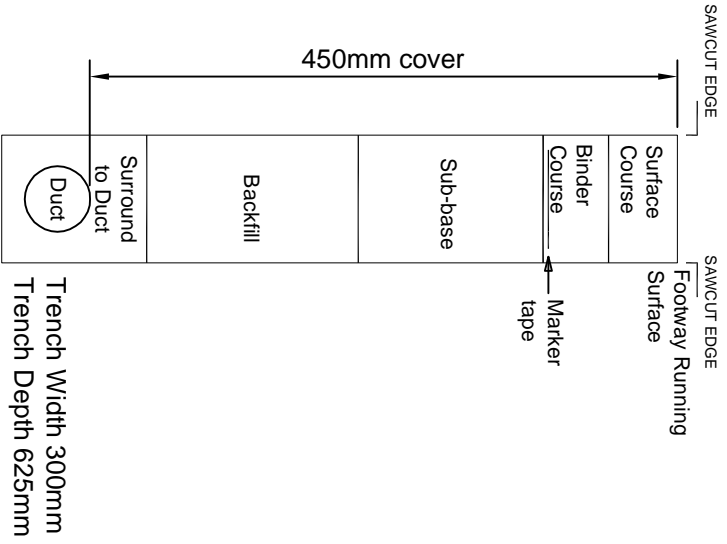
Scale N.T.S.

Date **APRIL 2009**

Design Office

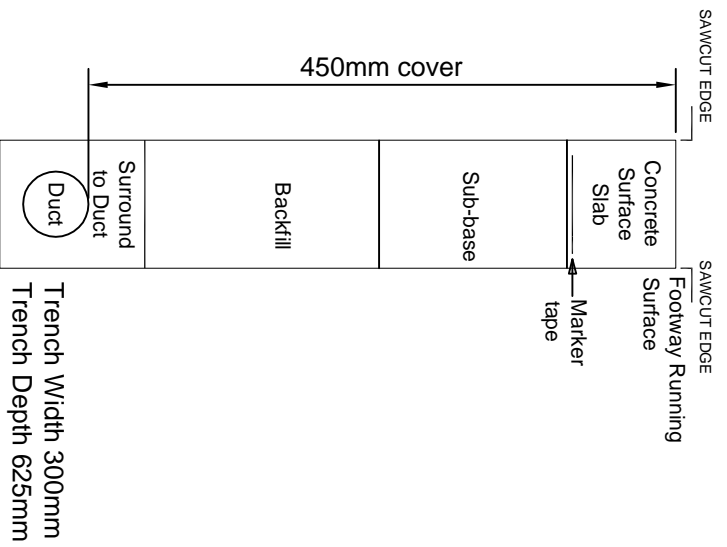
Drawing No. **SL/SPEC/41**

**Flexible/  
Composite  
Footway  
Reinstatement**



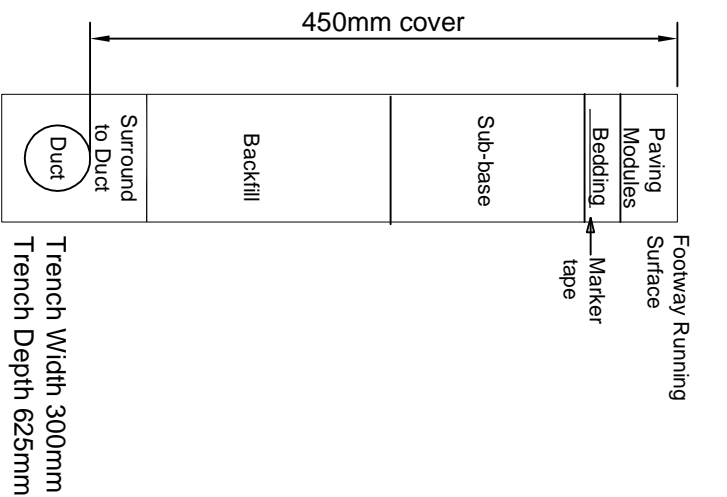
Reinstatement Structure to be in accordance to Appendix A7.1 of RAUC(S) 2003.

**Rigid  
Footway  
Reinstatement**



Reinstatement Structure to be in accordance to Appendix A7.2 of RAUC(S) 2003.

**Modular  
Footway  
Reinstatement**



Reinstatement Structure to be in accordance to Appendix A7.3 of RAUC(S) 2003.

Note 1 - All vertical faces to be hot pitched painted or an approved alternative  
 Note 2 - All joints to be hot pitched painted or an approved alternative.

All Ayrshire Specification

**SPECIFICATION FOR THE  
REINSTATEMENT OF  
FOOTWAYS & FOOTPATHS**

Scale N.T.S.

Date **APRIL 2009**

Design Office

Drawing No. SL/SPEC/43