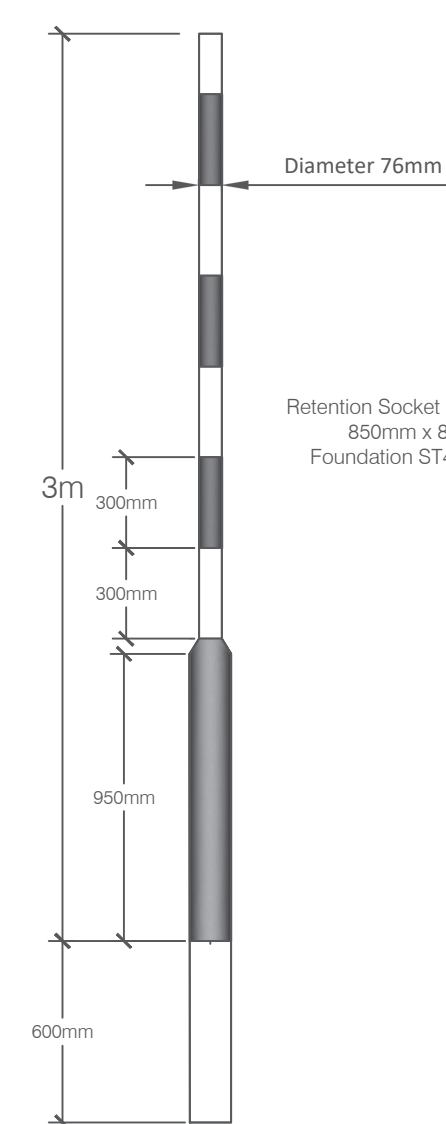
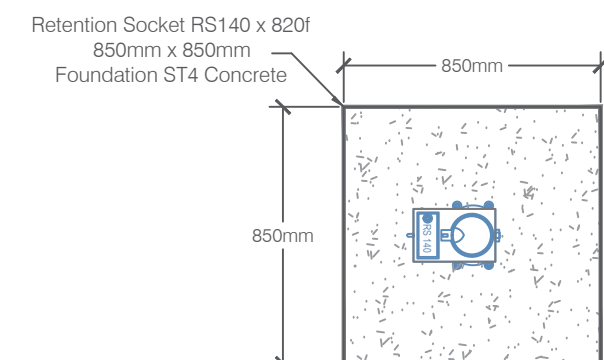


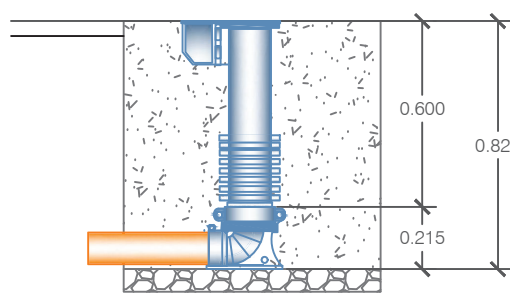
Retention Socket  
RS 140 x 820df



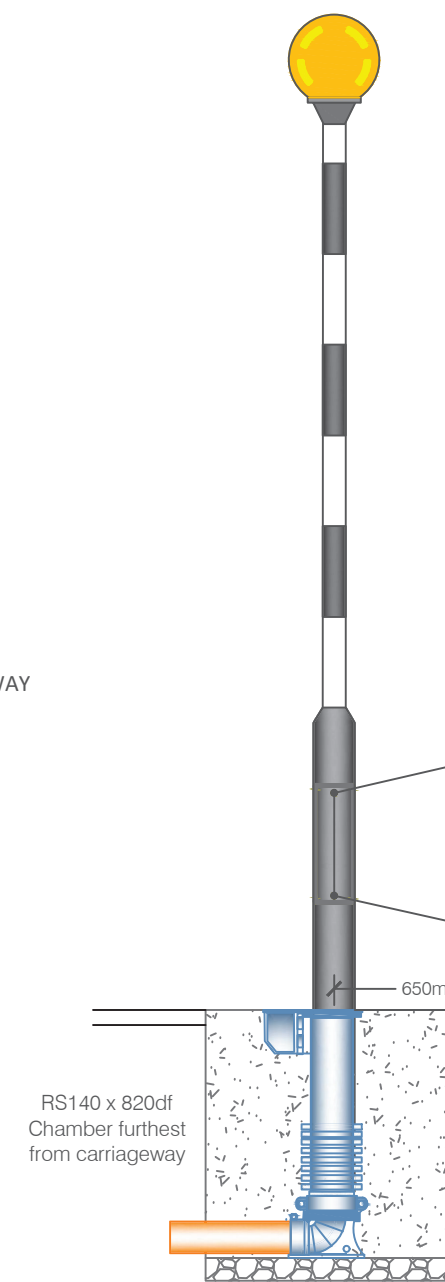
Zebra Pole  
3m above GL  
600mm below GL



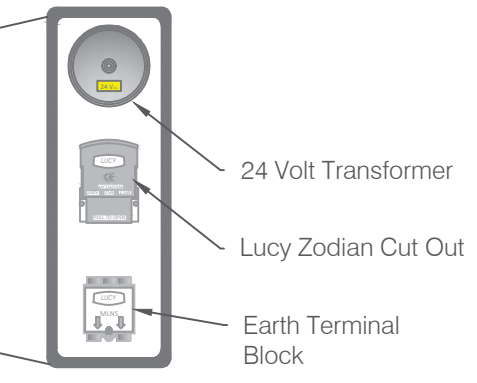
PLAN



ELEVATION



ELEVATION  
3m Zebra Crossing Pole



Backboard Details

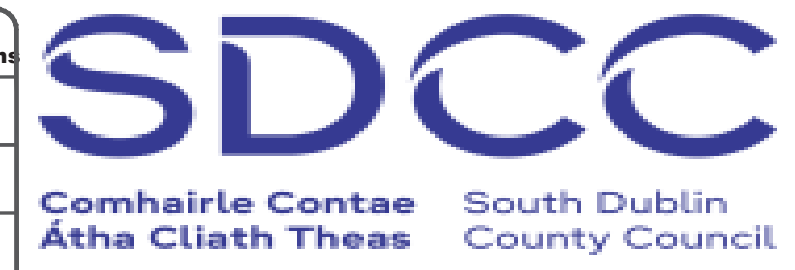
NOTES:

1. Zebra Crossing Pole to be 3.6m in length, 3m above ground and 600mm below ground.
2. Zebra Crossing Poles to be painted black with white bands as per Legislation.
3. Retention Socket to be RS140 x 820df
4. The foundation of the Retention Socket to be as per manufacturers recommendations.
5. No chamber to encroach on RS foundation
6. Beacon gallery to be 3m above Ground Level
7. Belisha Beacon with high intensity LED arrays driven at 24 Volts AC or similar approved.
8. The Belisha Beacon shall have a light sensor which will adjust output to ambient lighting levels.
9. If any of these dimensions cannot be achieved, SDCC Engineer to be informed prior to installation.
10. If retention socket is situated in grass verge a 150mm concrete plinth shall surround socket.
11. All ST4 Concrete to comply with TII Specification for Road Works Series 2600 CC-SPW-02600

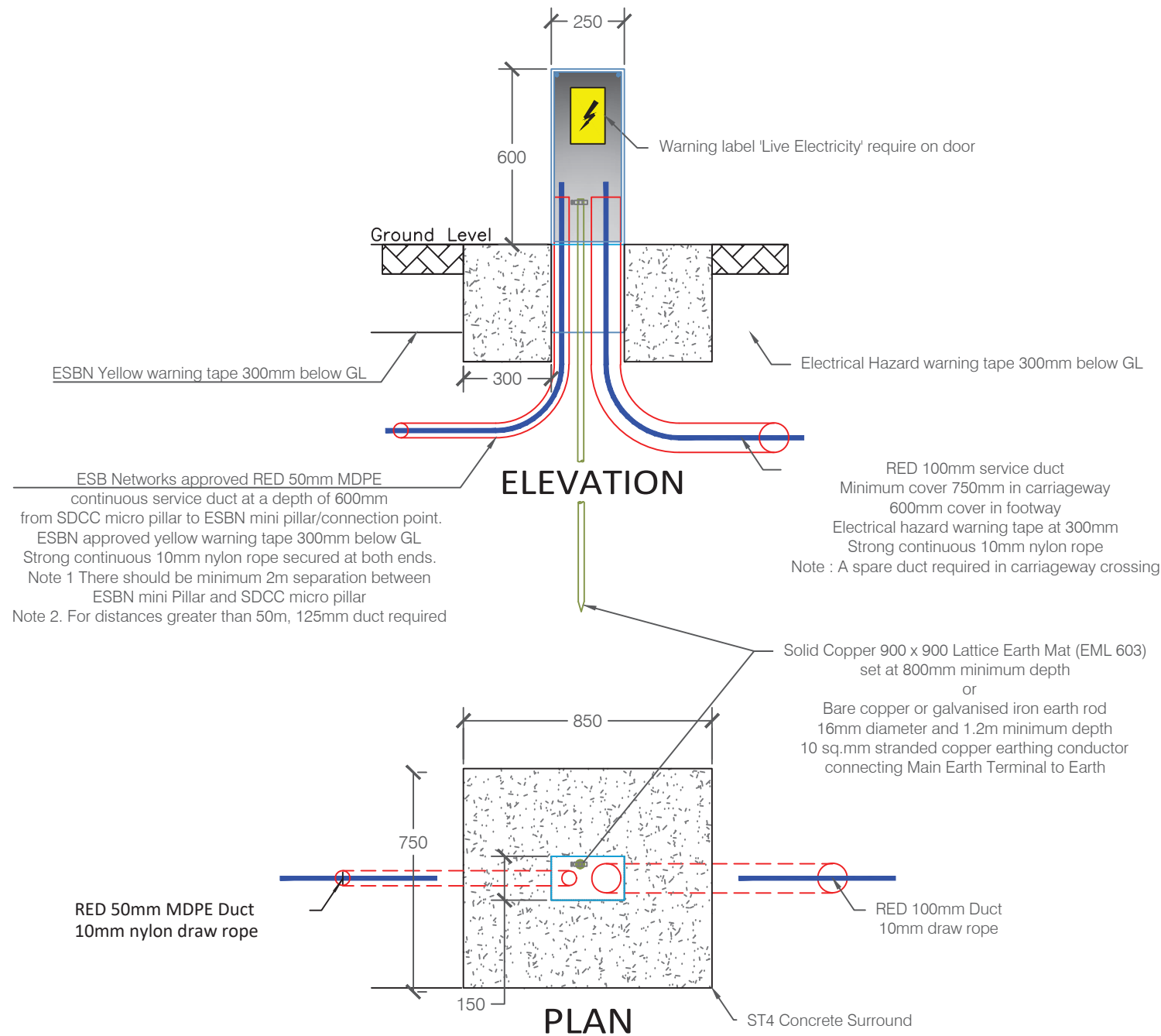
NOTE:

- All dimensions are in millimeters.
- No dimensions are to be scaled from drawing.
- Contractor to submit details of all materials used to SDCC for approval, if the materials are not on SDCC Approved Materials list.
- All products to be installed to manufacturers guidelines
- Road Markings as per Chapter 7\_Traffic Signs Manual
- Traffic Signals as per Chapter 9\_Traffic Signs Manual
- Drawing to be read in conjunction with all other Contract Drawings and Documents

Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>Type B2 3m Zebra Crossing Pole Details</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked: <b>JR</b>	Date: <b>Sept. 2021</b>

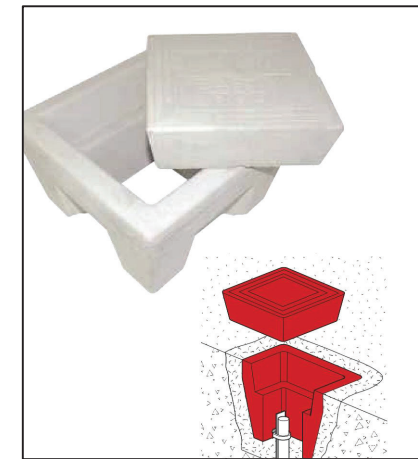


Drawing No.: <b>SDCC TR-6</b>	Revision: <b>-</b>
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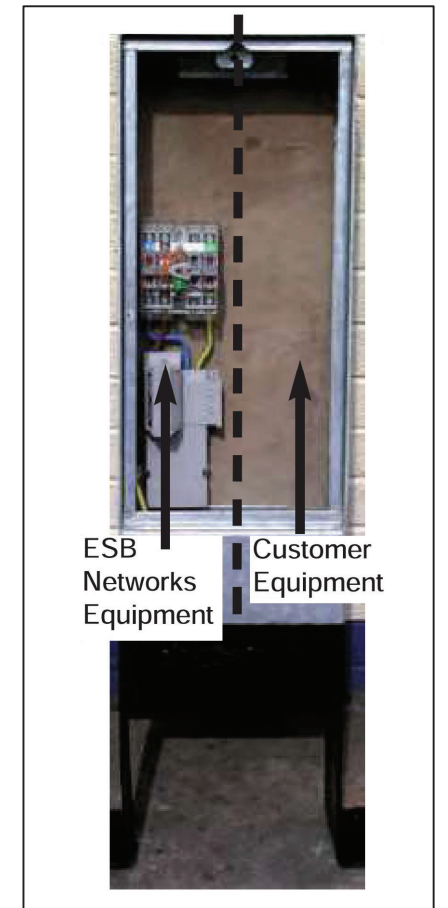


**NOTES:**

1. Minimum Dimensions:- 250mm wide x 600mm high x 150 depth x 330mm root.
2. Minimum Opening Size:- 220mm wide x 510mm high.
3. All South Dublin County Council Feeder Pillars shall be fabricated of minimum 3mm thick sheet steel. including the doors and extension plates.
4. Each Pillar shall be finished for outdoor use by hot dip galvanising to EN ISO 1461:1999
5. Bituminous protective coating shall be applied to extension plates extending all round to the level of the door recess.
6. Each Pillar shall be secured against unauthorised access by a single unHINGED flat plate door secured by one or more triangular head locking bolts.
7. Each pillar shall be adequately ventilated by means of a set of louvered slots near the top.
8. An 18mm thick fireproofed, fungicidal treated plywood insulating back board shall be fitted to facilitate mounting of supply cut out, link blocks, fuse units and any other specified equipment
9. All brass and metal components shall be electro plated
10. The pillar shall have an Earth bonding lug.
11. The Pillar shall be secured by placing ST4 Concrete as per TII Specification Series 2600
12. A high voltage warning symbol shall be attached to the front panel.
13. If an Earth Rod is placed away from the Micro Pillar, a concrete Earth inspection housing shall be placed over the Earth Rod, and a 50mm red duct provided back to the micro pillar.
14. If a Copper Earth Mat is used a 50mm red duct should be provided for the Earth cable back to the micro pillar. The Earth Mat shall be inspected by SDCC Engineer prior to backfilling.



Concrete Earth Inspection Housing

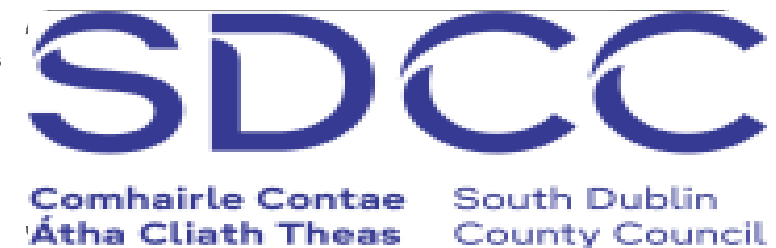


ESB Networks Equipment  
Customer Equipment

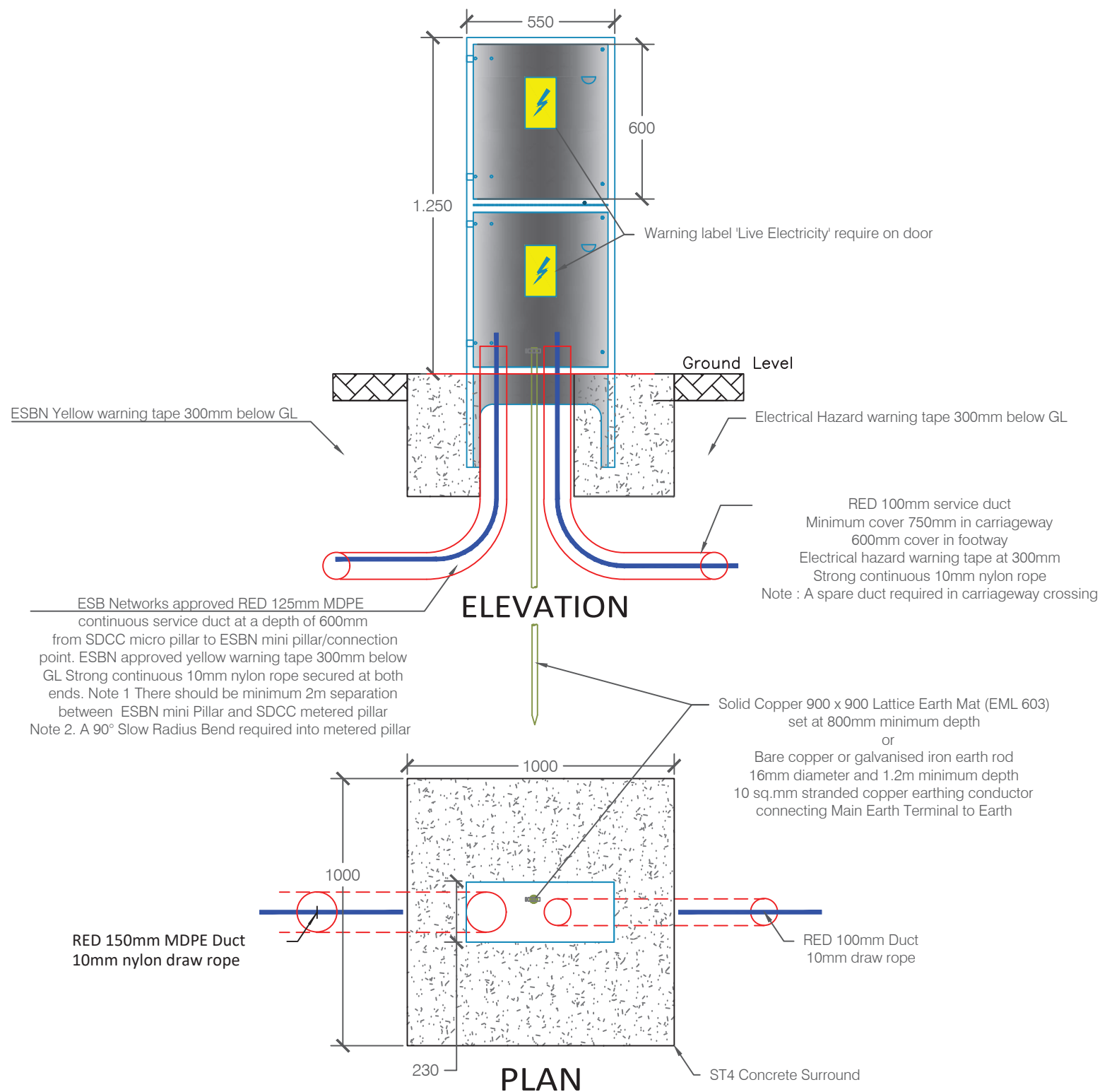
**NOTE:**

- All dimensions are in millimeters.
- No dimensions are to be scaled from drawing.
- Contractor to submit details of all materials used to SDCC for approval, if the materials are not on SDCC Approved Materials list.
- All products to be installed to manufacturers guidelines
- 

Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>Unmetered Single Phase Micro Pillar</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked:	Date: <b>Feb 2025</b>

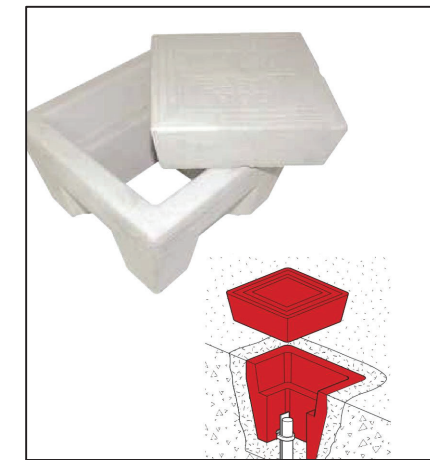


Drawing No.: <b>SDCC TR-7</b>	Revision: -
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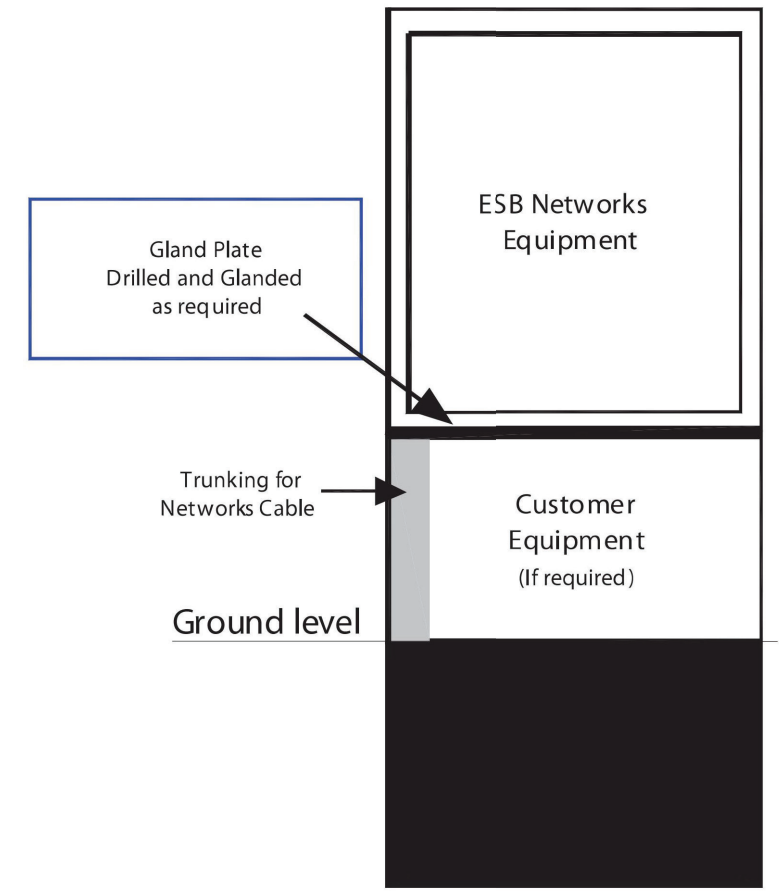


**NOTES:**

1. Minimum Dimensions:- 500mm wide x 1250mm high x 225 depth x 350mm root.
2. Minimum Opening Size for ESB Networks Requirements:- 465mm wide x 600mm high.
3. Doors must be vertically hinged
4. Gland Plate must be drilled and Glanded to ESB Networks requirements
5. All South Dublin County Council Feeder Pillars shall be fabricated of minimum 3mm thick sheet steel, including the doors and extension plates.
6. Each Pillar shall be finished for outdoor use by hot dip galvanising to EN ISO 1461:1999
7. Bituminous protective coating shall be applied to extension plates extending all round to the level of the door recess.
8. Each Pillar shall be secured against unauthorised access by a single unhinged flat plate door secured by one or more triangular head locking bolts.
9. Each pillar shall be adequately ventilated by means of a set of louvered slots near the top.
10. An 18mm thick fireproofed, fungicidal treated ply insulating back board shall be fitted to facilitate mounting of supply cut out, link blocks, fuse units and any other specified equipment
11. All brass and metal components shall be electro plated
12. The pillar shall have an Earth bonding post.
13. The Pillar shall be secured by placing ST4 Concrete as per TII Specification Series 2600
14. A high voltage warning symbol shall be attached to the front panel.
15. If an Earth Rod is placed away from the Micro Pillar, a concrete Earth inspection housing shall be placed over the Earth Rod, and a 50mm red duct provided back to the micro pillar.
16. If a Copper Earth Mat is used a 50mm red duct should be provided for the Earth cable back to the micro pillar. The Earth Mat shall be inspected by SDCC Engineer prior to backfilling.

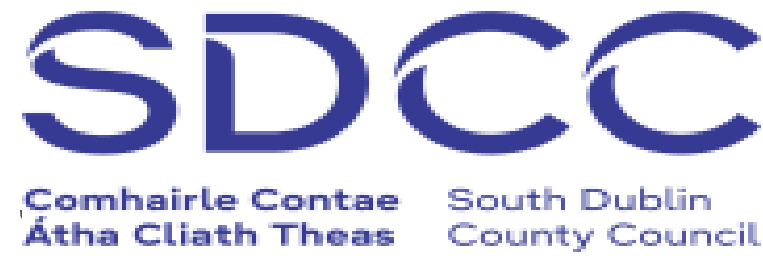


Concrete Earth Inspection Housing

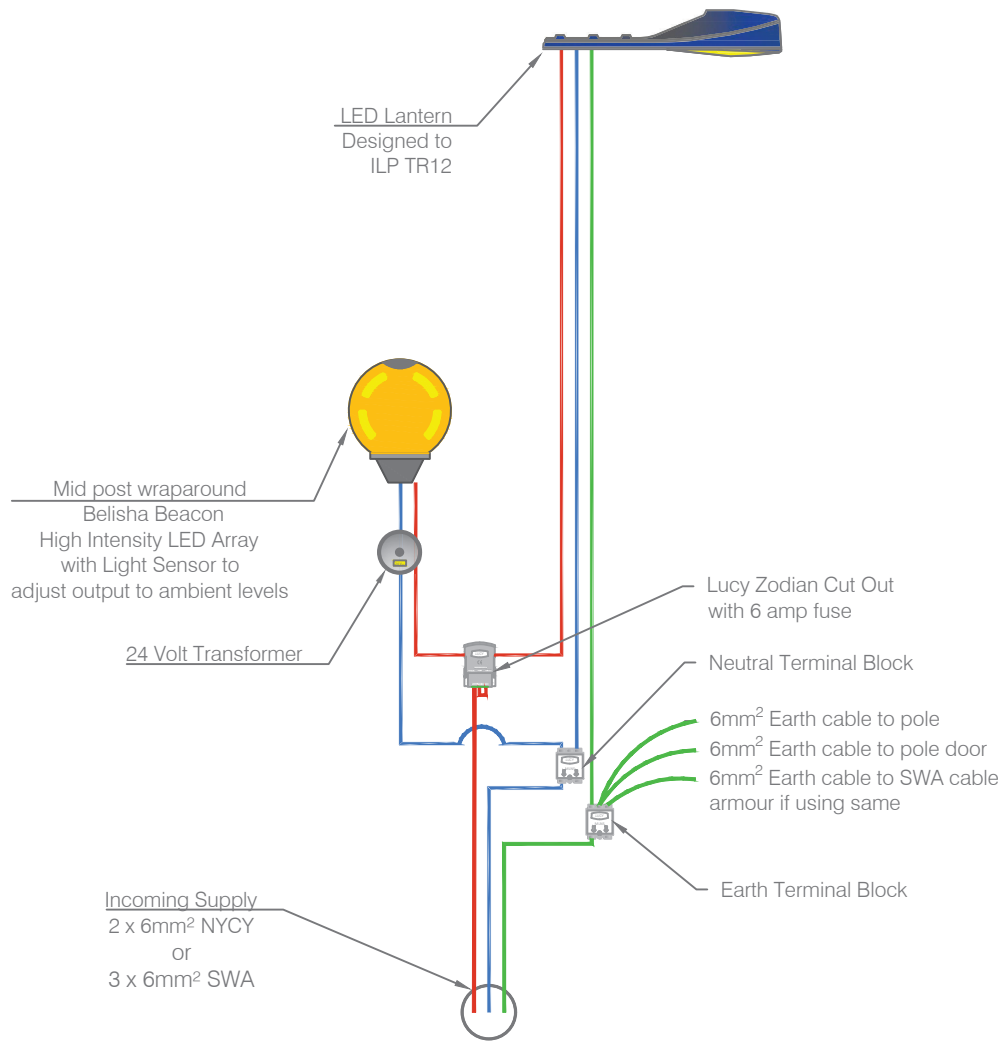


- NOTE:**
- All dimensions are in millimeters.
  - No dimensions are to be scaled from drawing.
  - Contractor to submit details of all materials used to SDCC for approval, if the materials are not on SDCC Approved Materials list.
  - All products to be installed to manufacturers guidelines
  -

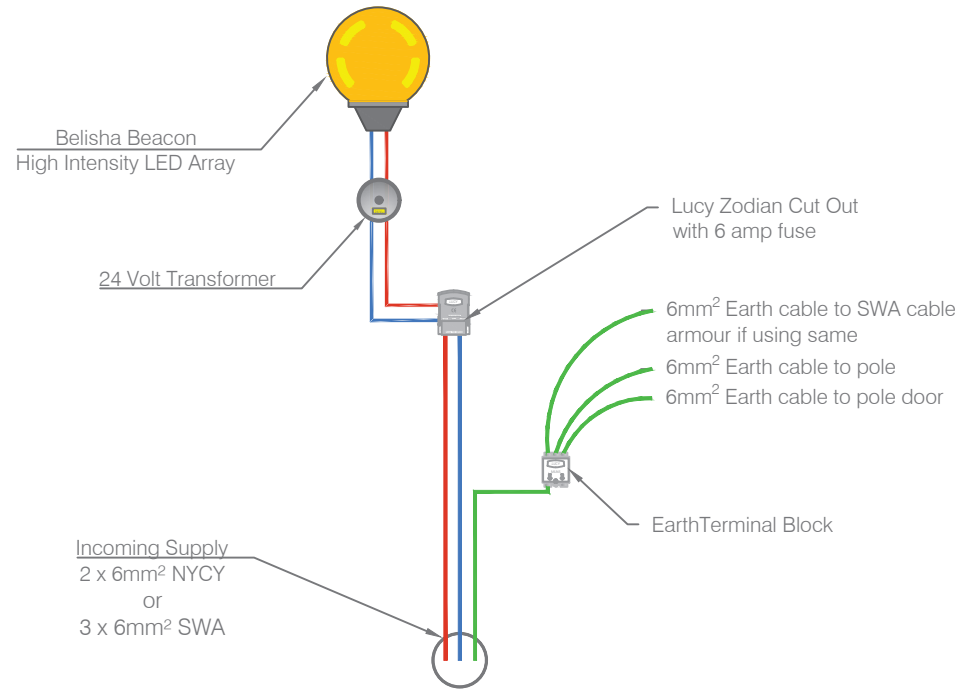
Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>Metered Three Phase/Single Phase Feeder Pillar</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked:	Date: <b>Feb 2025</b>



Drawing No.: <b>SDCC TR-8</b>	Revision: -
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TYPE B1 Integral Belisha Beacon  
6m TR12 Zebra Crossing



TYPE B2 Post Top Belisha Beacon  
3m Zebra Crossing

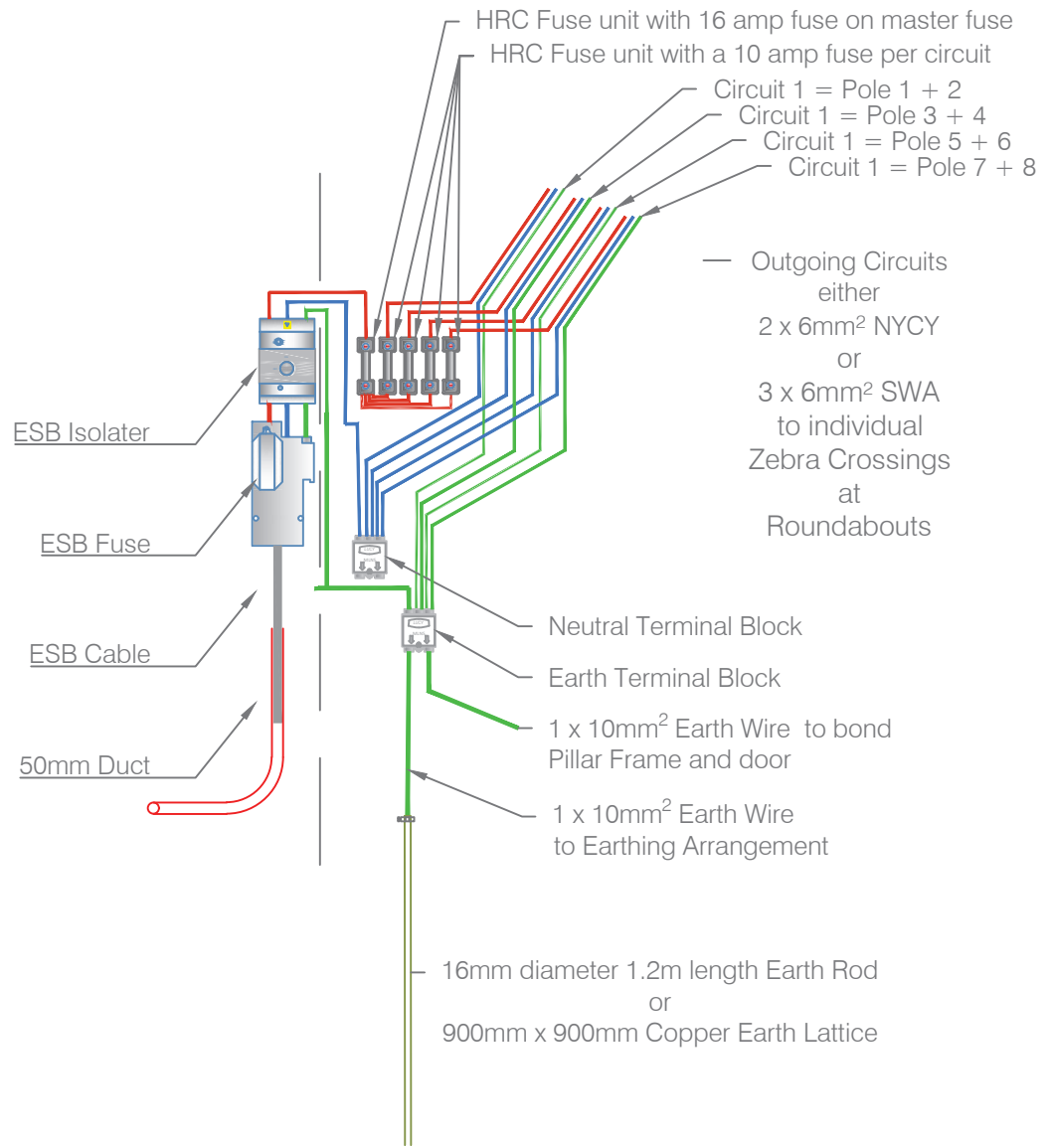
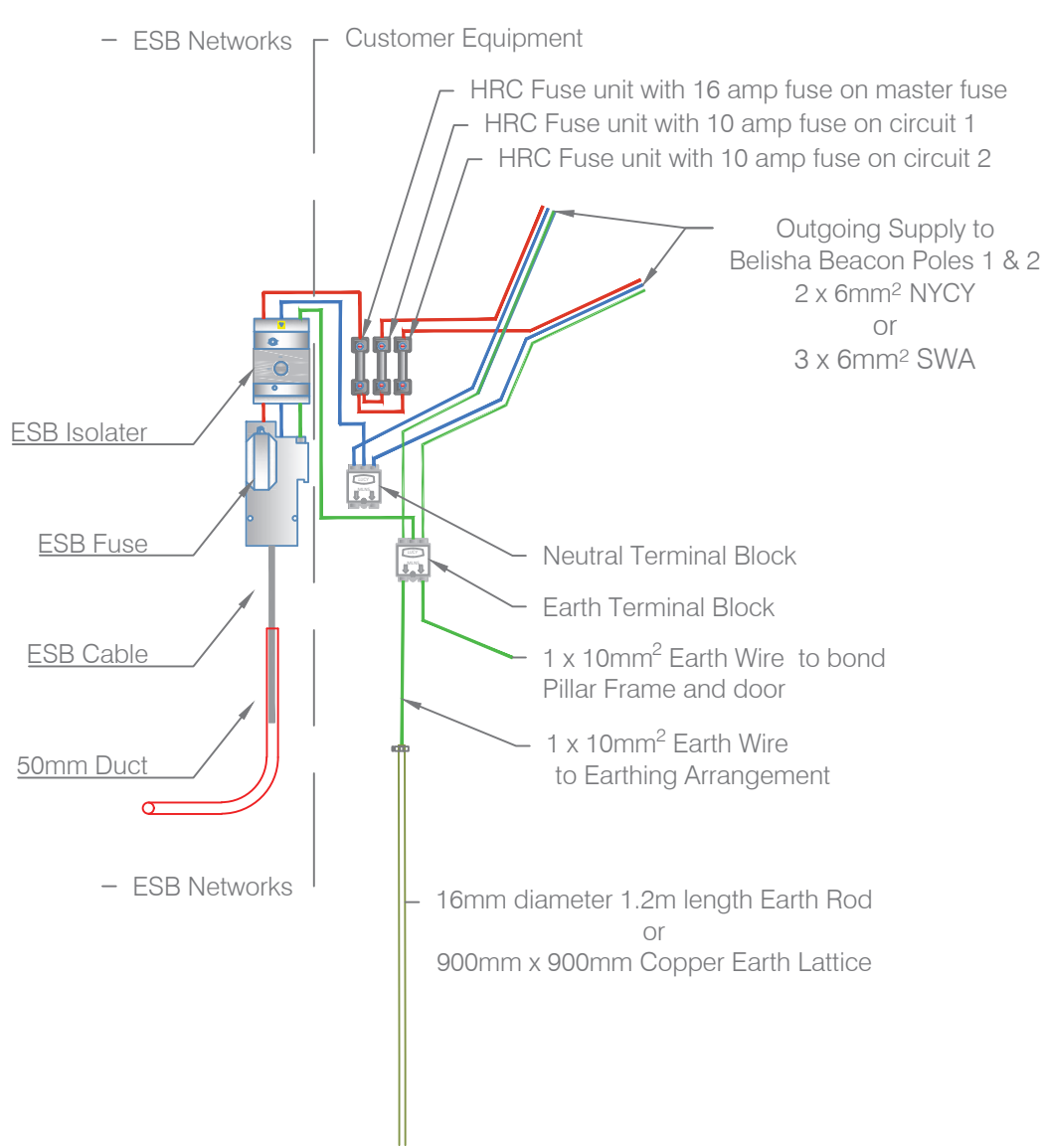
**NOTE:**

- All dimensions are in millimeters.
- No dimensions are to be scaled from drawing.
- Contractor to submit details of all materials used to SDCC for approval, if the materials are not on SDCC Approved Materials list.
- All products to be installed to manufacturers guidelines
- Road Markings as per Chapter 7\_Traffic Signs Manual
- Traffic Signals as per Chapter 9\_Traffic Signs Manual
- Drawing to be read in conjunction with all other Contract Drawings and Documents

Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>Belisha Beacon Wiring Diagram</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked:	Date: <b>Feb 2025</b>



Drawing No.: <b>SDCC TR-9</b>	Revision: -
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**NOTE:**

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- All products to be installed to manufacturers guidelines
- Road Markings as per Chapter 7\_Traffic Signs Manual
- Traffic Signals as per Chapter 9\_Traffic Signs Manual
- Drawing to be read in conjunction with all other Contract Drawings and Documents

Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>Unmetered Micro Pillar Wiring Diagram</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked:	Date: <b>Feb 2025</b>

Drawing No.: <b>SDCC TR-10</b>	Revision: -
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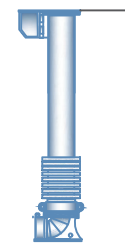
LED Lantern  
Designed to ILP TR12



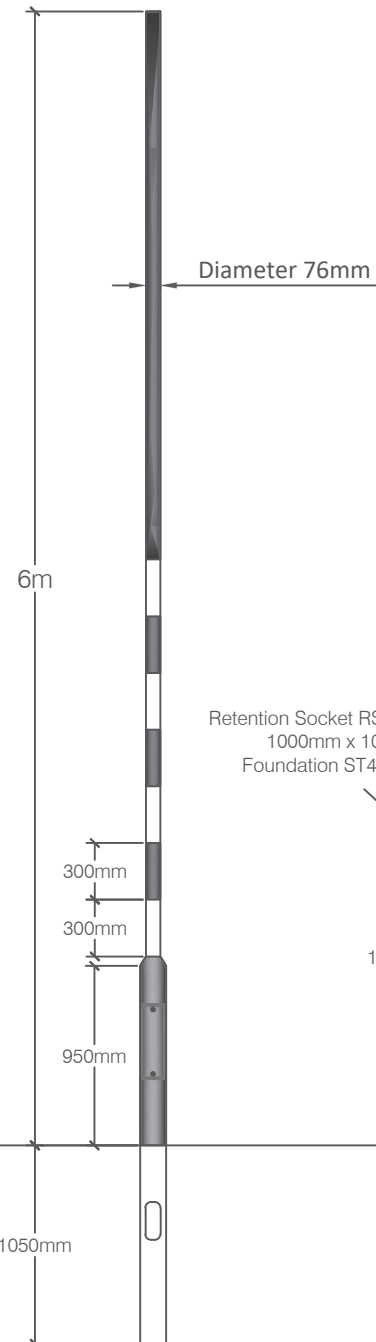
RUS 066



PLAN

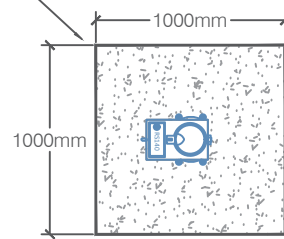


ELEVATION  
RS 140 x 1220df

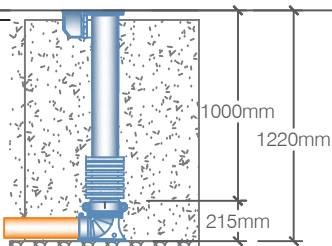


Type B Zebra Pole  
6m above GL  
1050mm below GL

Retention Socket RS140 x 1220df  
1000mm x 1000mm  
Foundation ST4 Concrete

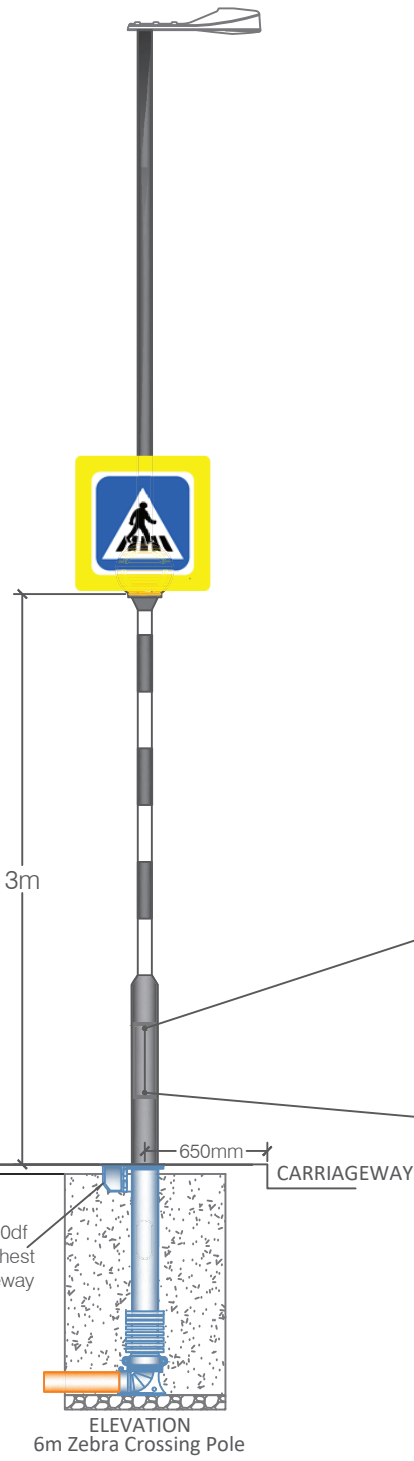


PLAN

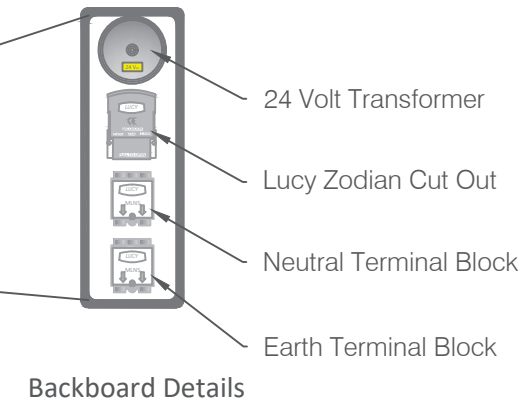


ELEVATION

RS140 x 1220df  
Chamber furthest  
from carriageway



ELEVATION  
6m Zebra Crossing Pole



Backboard Details

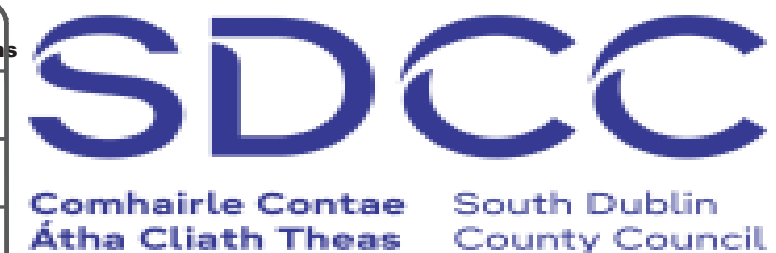
NOTES:

1. Zebra Crossing Pole to be 7.050m in length, 6m above ground and 1.050mm below ground.
2. Zebra Crossing Pole to be painted black with white bands as per Legislation.
3. Retention Socket to be RS140 x 1120df
4. The foundation of the Retention Socket to be as per manufacturers recommendations
5. No chamber to encroach on RS foundation
6. RUS 066 Sign to be 3m above Ground Level
7. If any of these dimensions cannot be achieved, SDCCs Engineer to be informed prior to installation.
8. If Retention socket is situated in grass verge a 150mm concrete plinth shall surround socket.
9. All ST4 Concrete to comply with TII Specification for Road Works Series 2600 CC-SPW-02600

NOTE:

- All dimensions are in millimeters.
- No dimensions are to be scaled from drawing.
- Contractor to submit details of all materials used to SDCC for approval, if the materials are not on SDCC Approved Materials list.
- All products to be installed to manufacturers guidelines
- Road Markings as per Chapter 7\_Traffic Signs Manual
- Traffic Signals as per Chapter 9\_Traffic Signs Manual
- Drawing to be read in conjunction with all other Contract Drawings and Documents

Client: <b>South Dublin County Council Traffic Technical Specifications</b>			
Project: <b>Traffic Standard Construction Details</b>			
Title: <b>RUS 066 Type B1 6m Zebra Crossing Pole Details</b>			
File Location:			
Scale: <b>Not To Scale</b>	Drawn:	Checked:	Date: <b>Feb 2025</b>



Drawing No.: <b>SDCC TR-11</b>	Revision: <b>-</b>
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