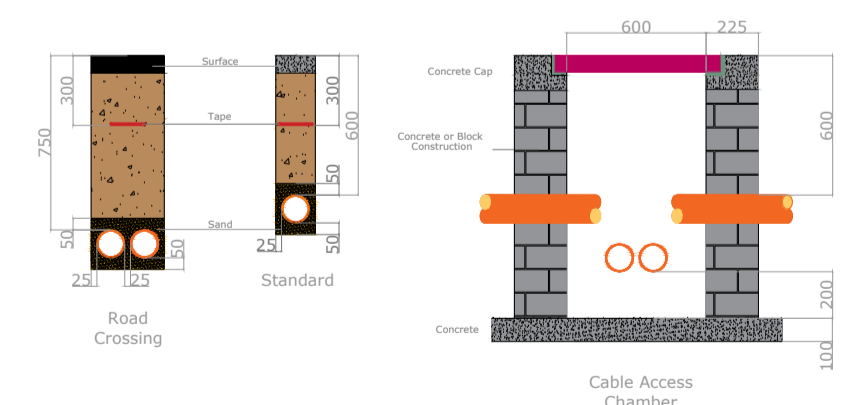
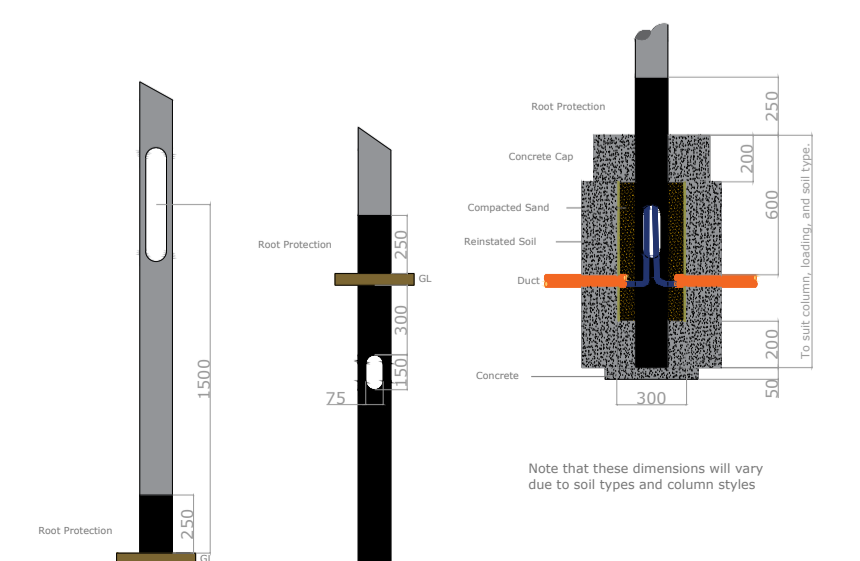


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 52W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Twin Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 12W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 20W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

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For guidance only.



Drawing title: **Public Lighting Layout**  
 Project title: **Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**  
 Client: **Alanna Roadbridge Developments Ltd.**

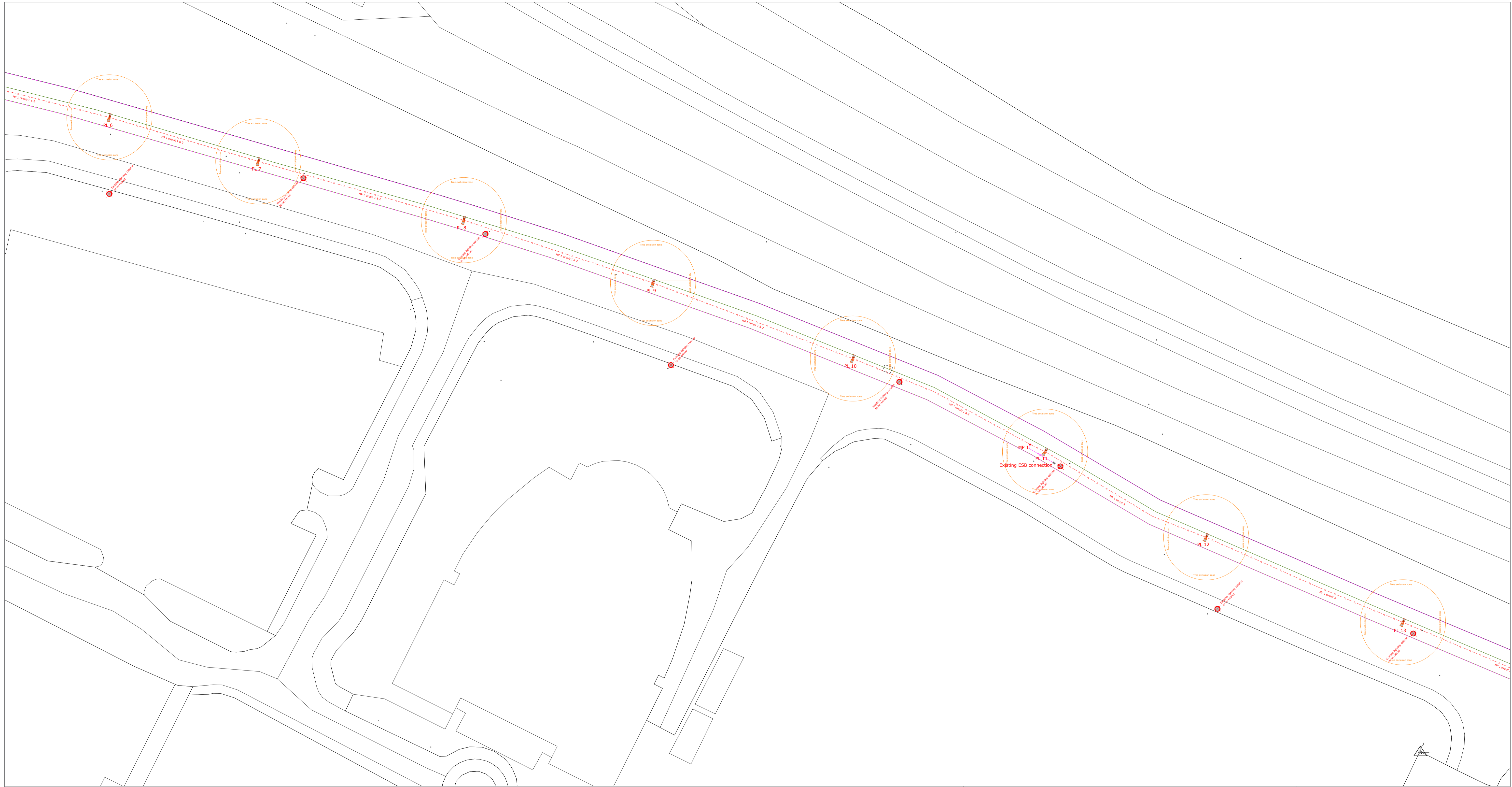
Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 1</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations  
 Do not scale from drawing All dimensions in mm  
 Document control: TD 09 Version: 1.0

**Redmond Analytical Management Services Ltd.**  
 053 9383696 info@redmondams.ie www.redmondams.ie

Associate Member ~ Society of Light and Lighting  
 Associate Member ~ Institution of Lighting Professionals



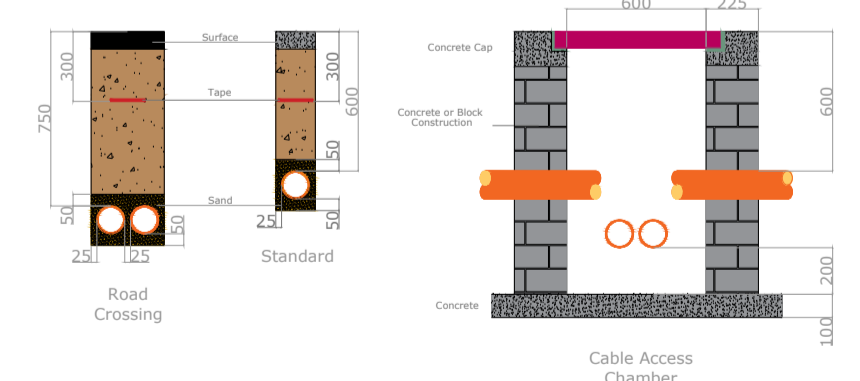


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Twin Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

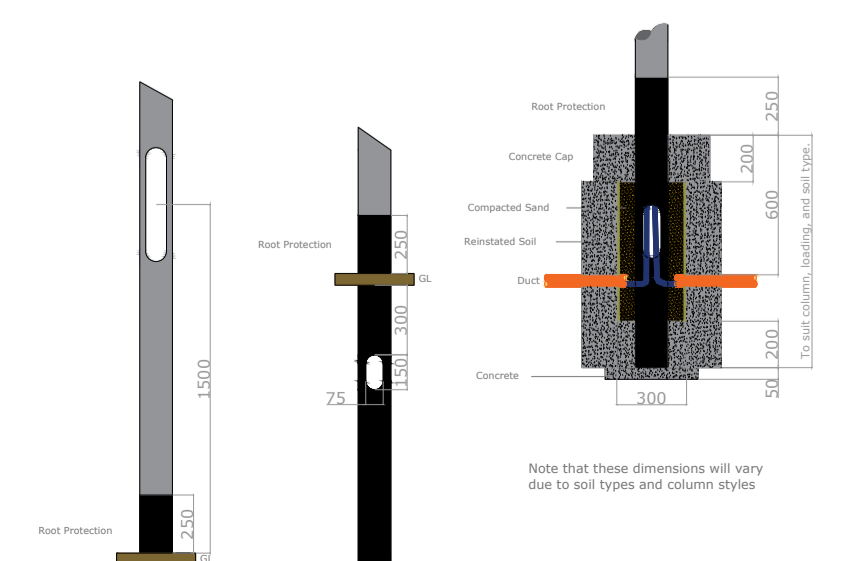
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 12W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 74W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

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For guidance only.



Drawing title:  
**Public Lighting Layout**

Project title:  
**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 2</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

**Redmond Analytical Management Services Ltd.**

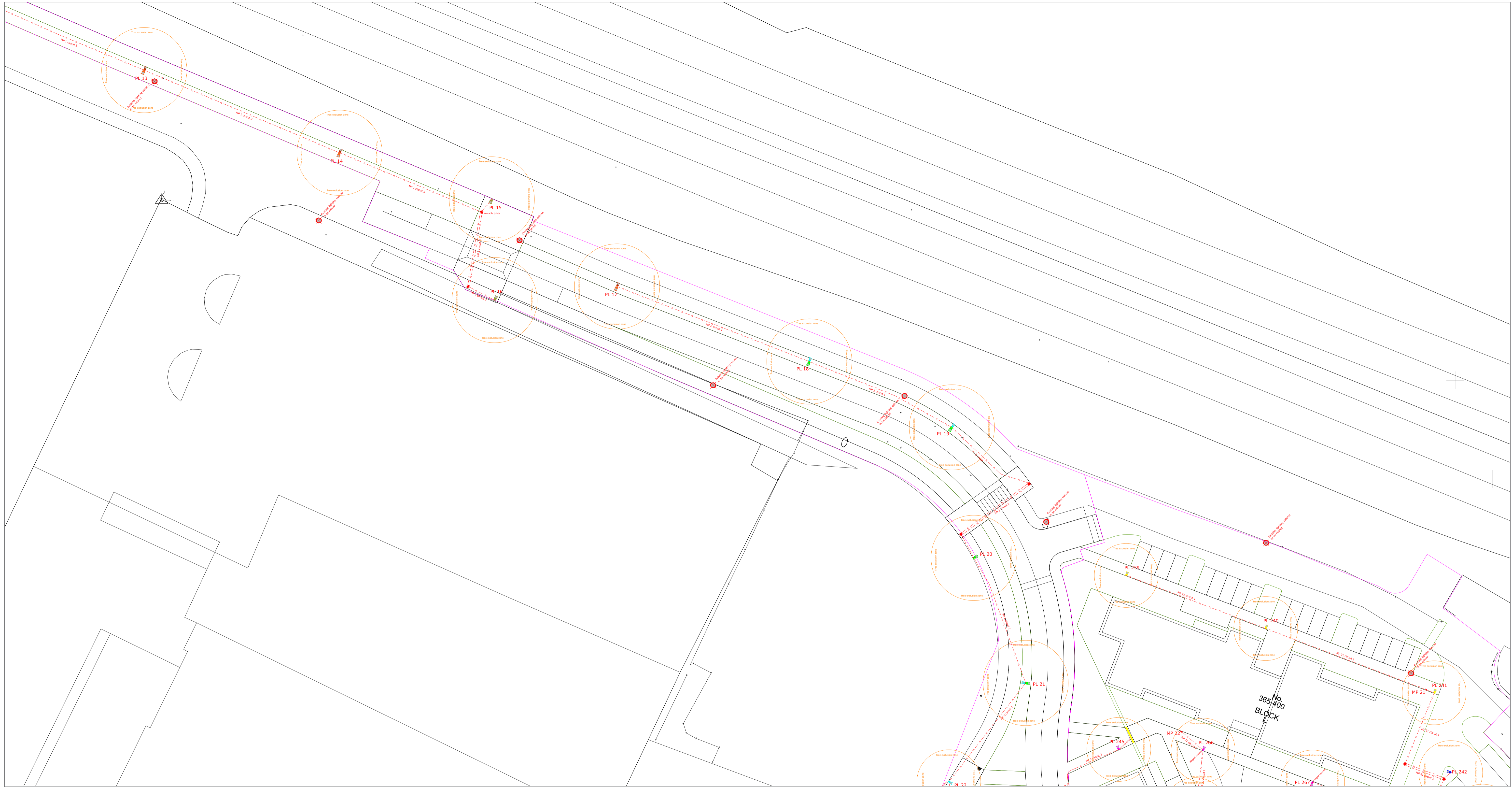
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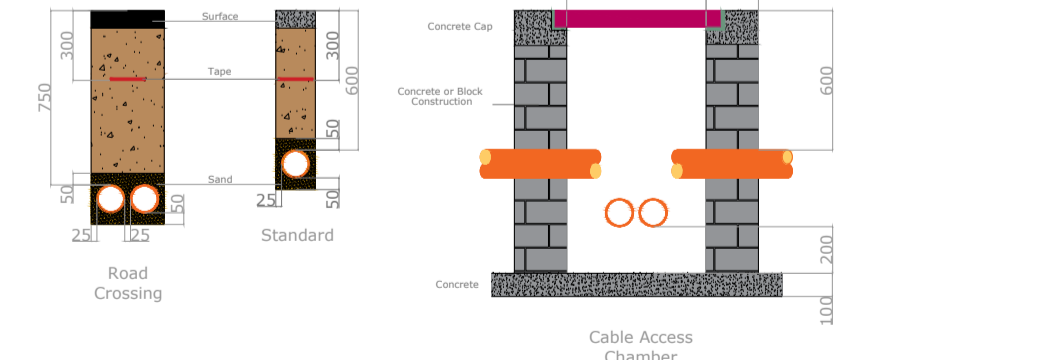


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. Luminaire Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
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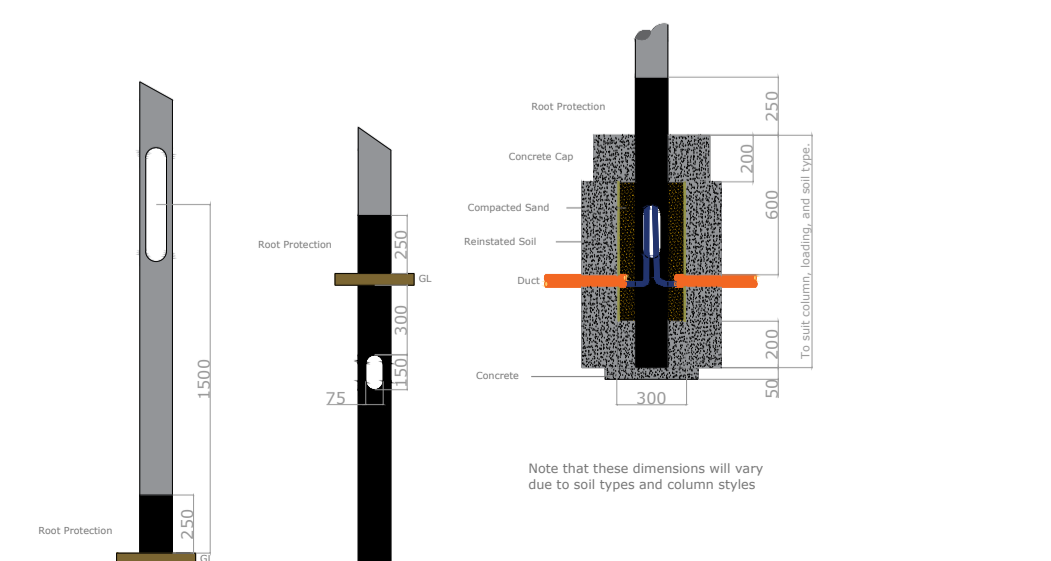
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. Luminaire Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 12W connected load, averaged for CLO. Luminaire Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 3</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

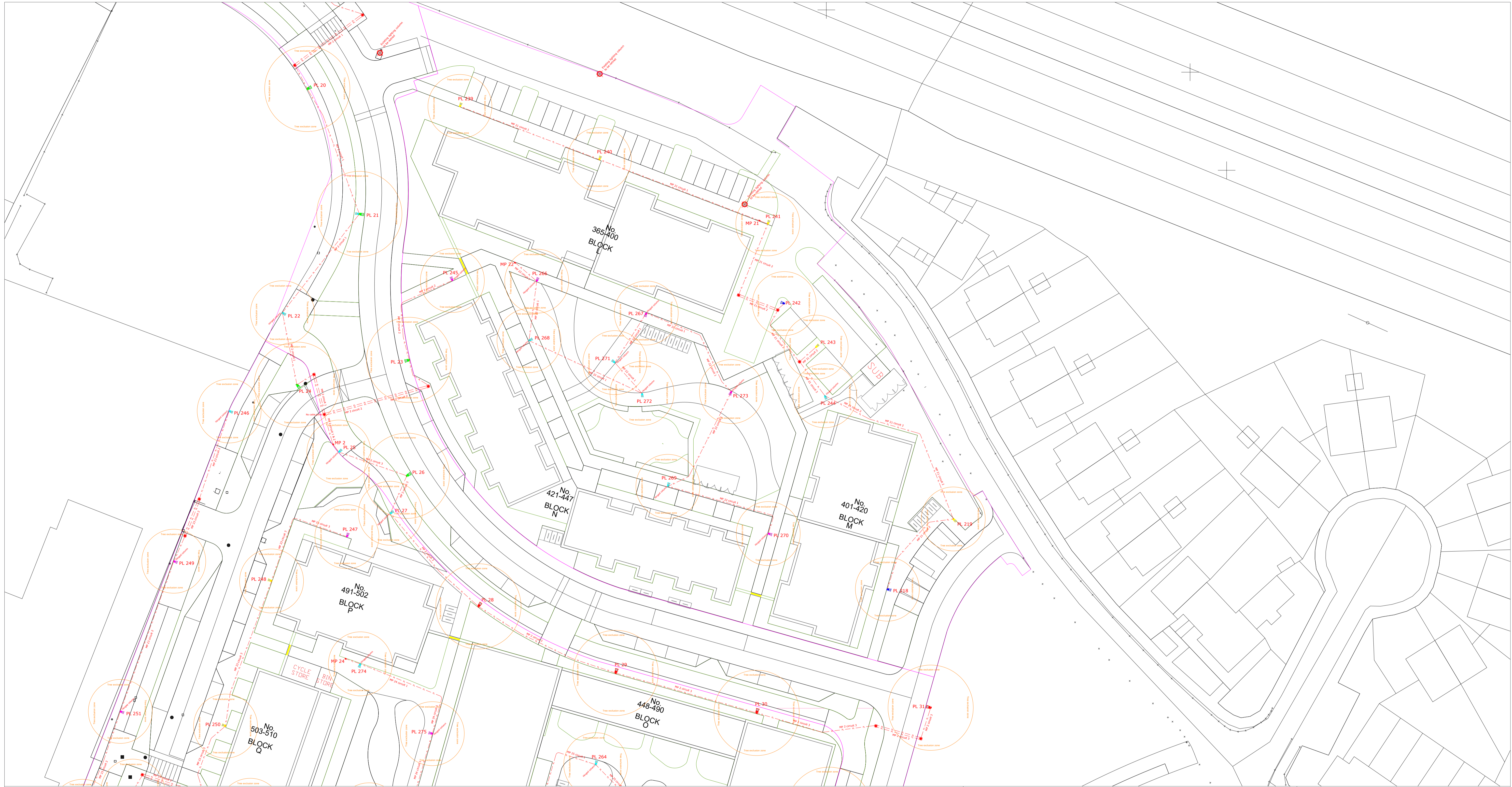
**Redmond Analytical Management Services Ltd.**

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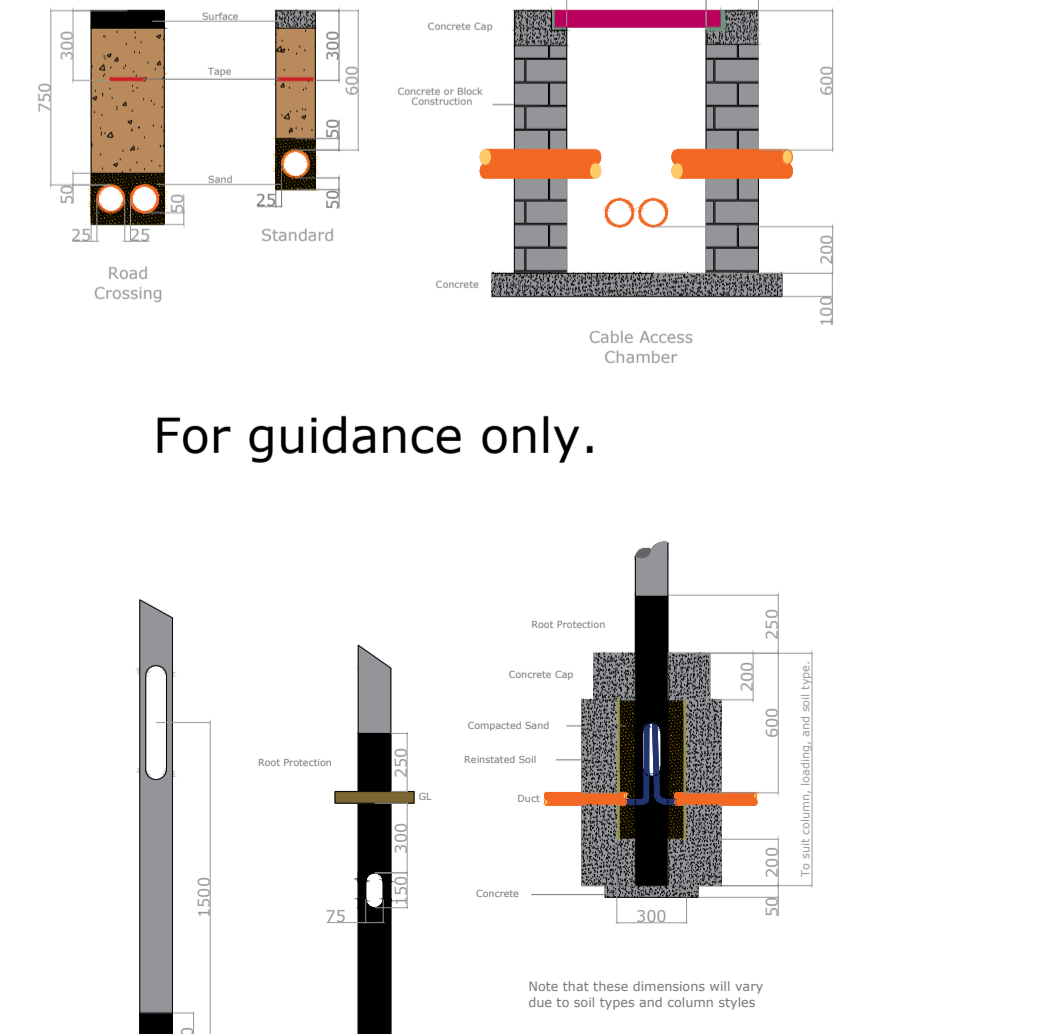


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Twin Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 20W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DWS2 9.0km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DM19 2.8km mounted with Philips BGP291 DN08 2.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. LumStreet Gen2\_Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 20W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 12W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W & 12W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 74W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

- Existing lighting equipment.
- Existing lighting equipment to be retired with the permission of Westmeath County Council's public lighting department. Only approved Westmeath public lighting contractors can work on these units.
- Existing DNO electrical supply point.
- Midi pillar to be installed and fitted out in accordance with Westmeath County Council specifications and I.S. 10101:2020. Not to be installed within 2m of DNO CSP.
- Cable access chamber to be constructed in accordance with Westmeath County Council specifications. Spare duct to be provided at each road crossing.
- Cables and ducts to be laid in accordance with Westmeath County Council specifications and I.S. 10101:2020.
- Cable joints are not permitted. Cables can share duct.
- 90° draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



For guidance only.

Drawing title:  
**Public Lighting Layout**

Project title:  
**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 4</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

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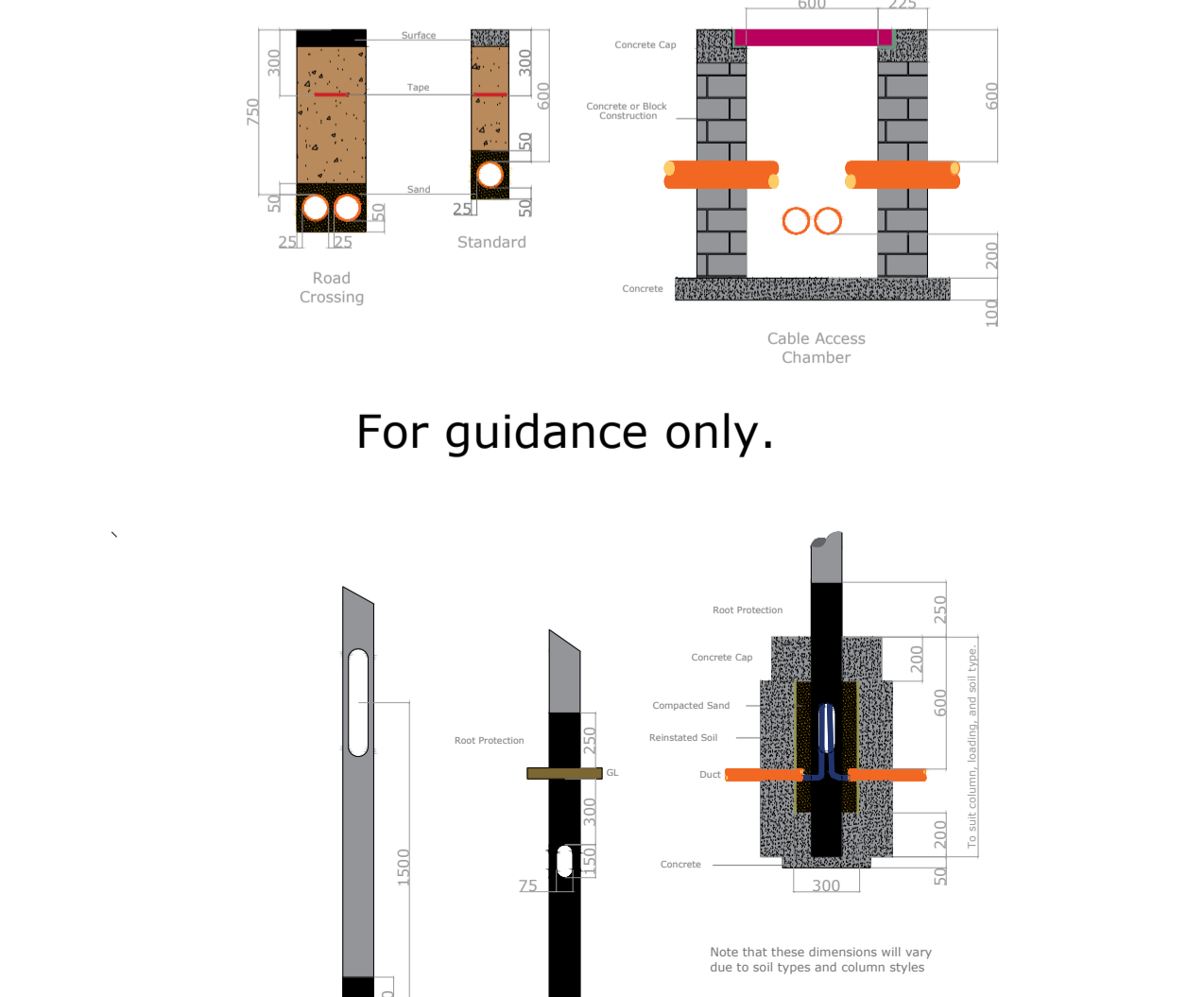


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- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. Luminaire Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 Luminaire Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. Luminaire Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. Luminaire Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 30W connected load, averaged for CLO. Luminaire Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14 Luminaire Gen2\_Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14
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Drawing title: **Public Lighting Layout**  
 Project title: **Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**  
 Client: **Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 5</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations  
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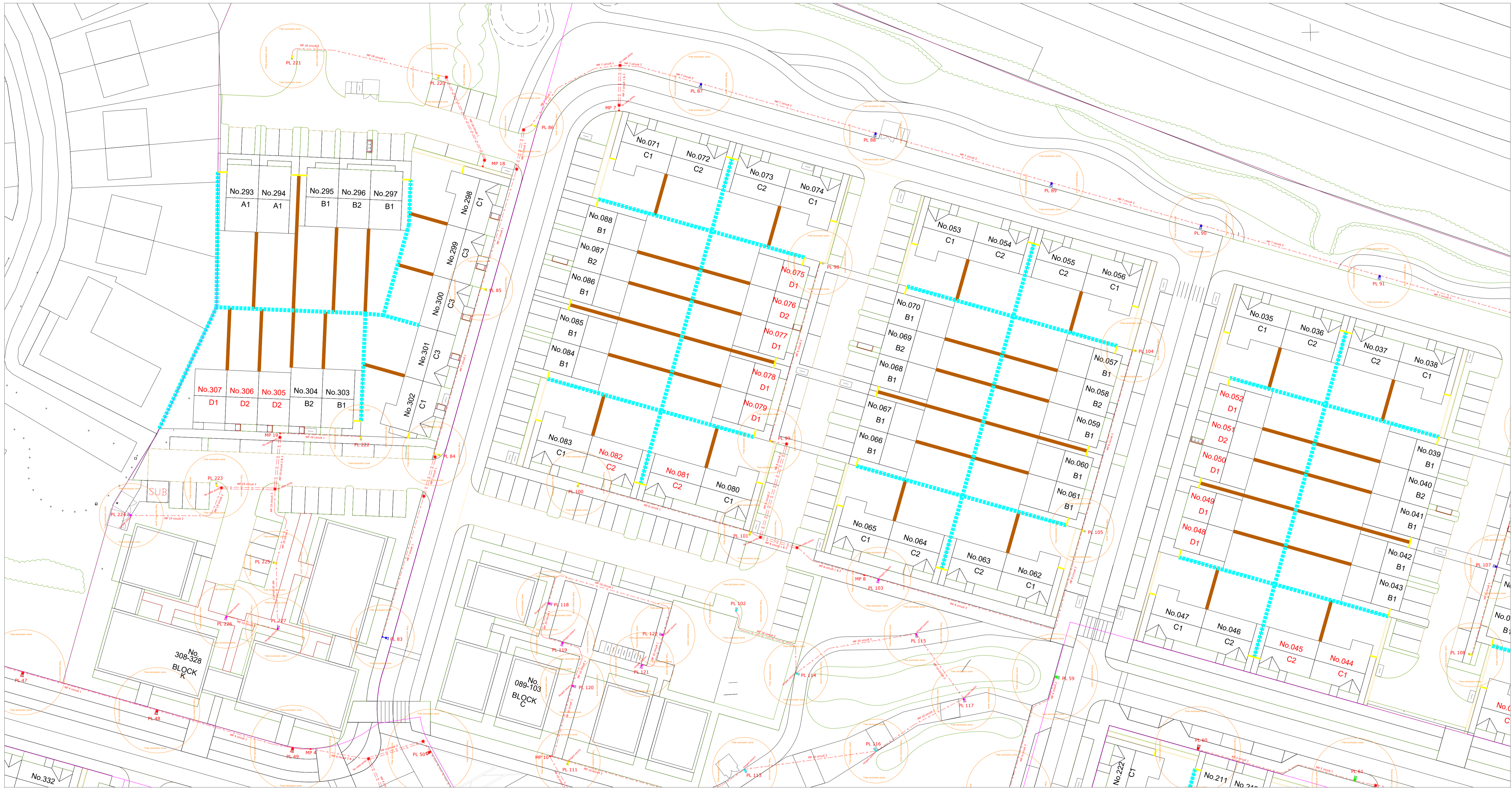
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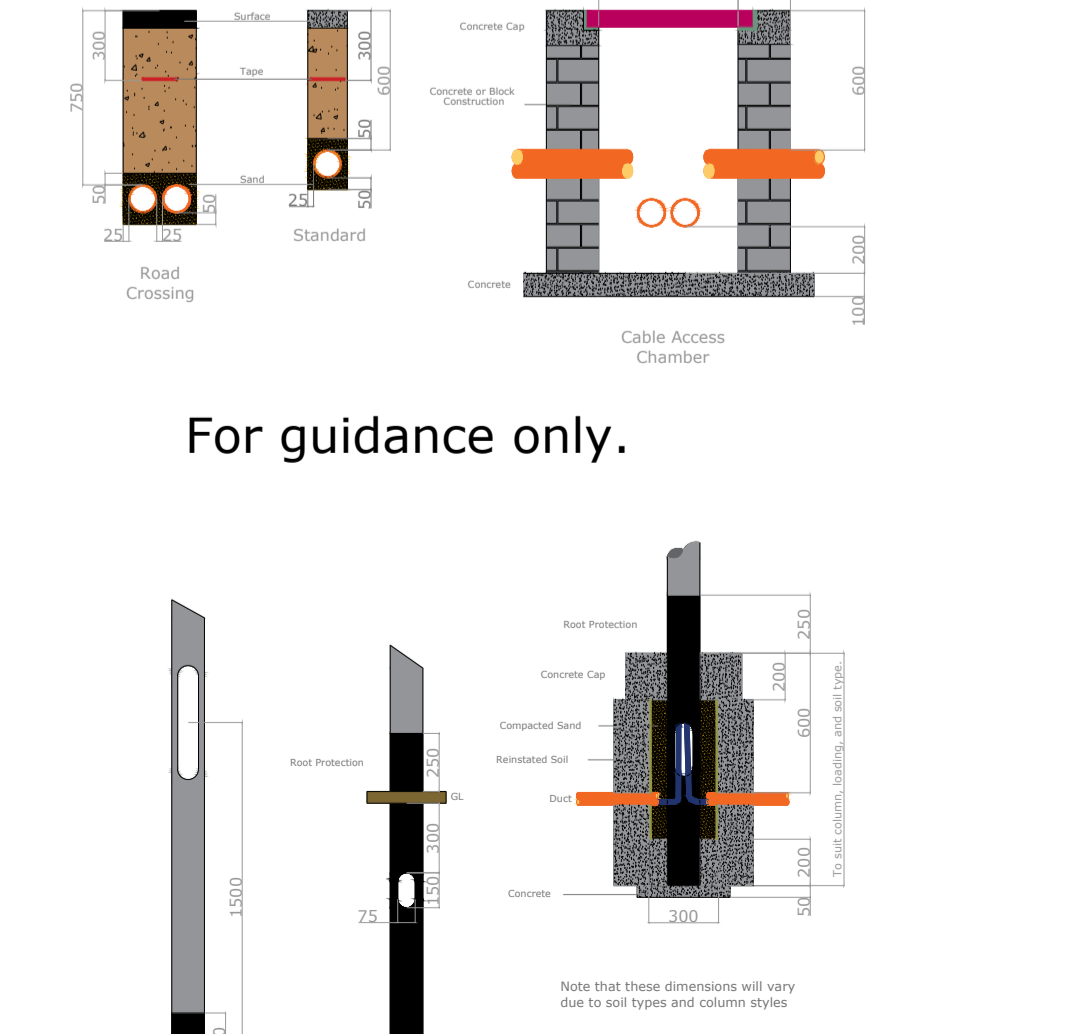
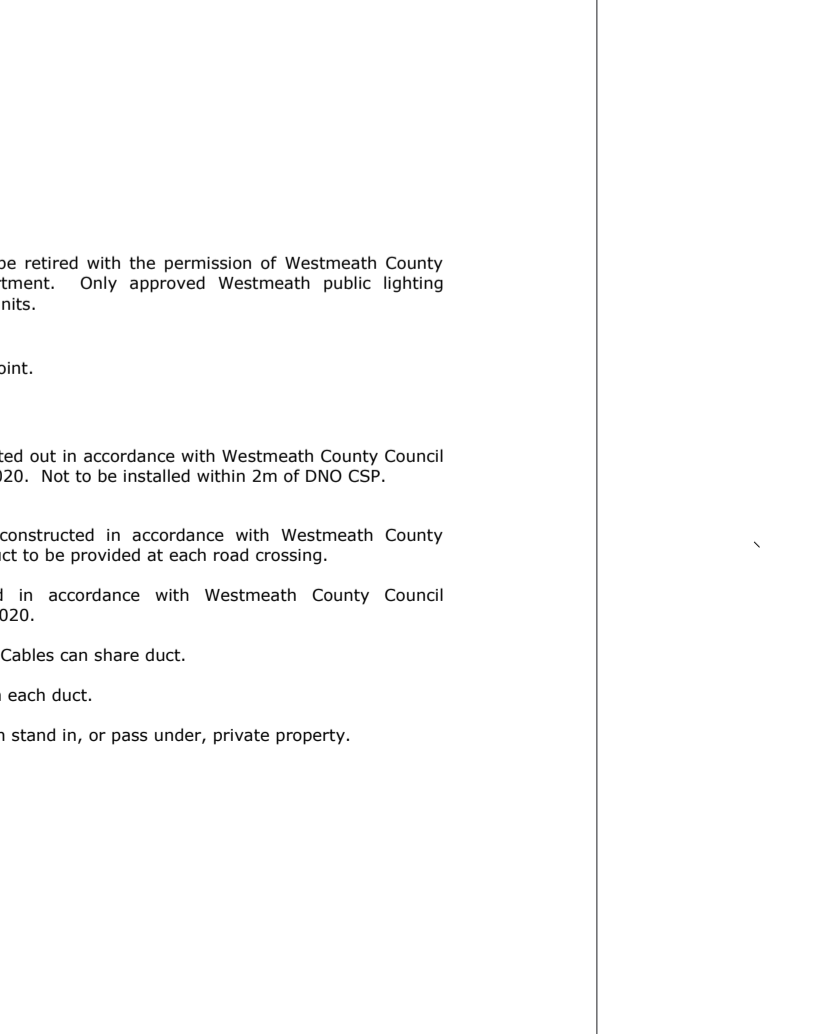


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming, 55W connected load, averaged for CLO. Luminaire Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming, 29W connected load, averaged for CLO. Luminaire Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14 Luminaire Gen2\_Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14
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For guidance only.

Drawing title: **Public Lighting Layout**

Project title: **Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client: **Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 7</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

**Redmond Analytical Management Services Ltd.**

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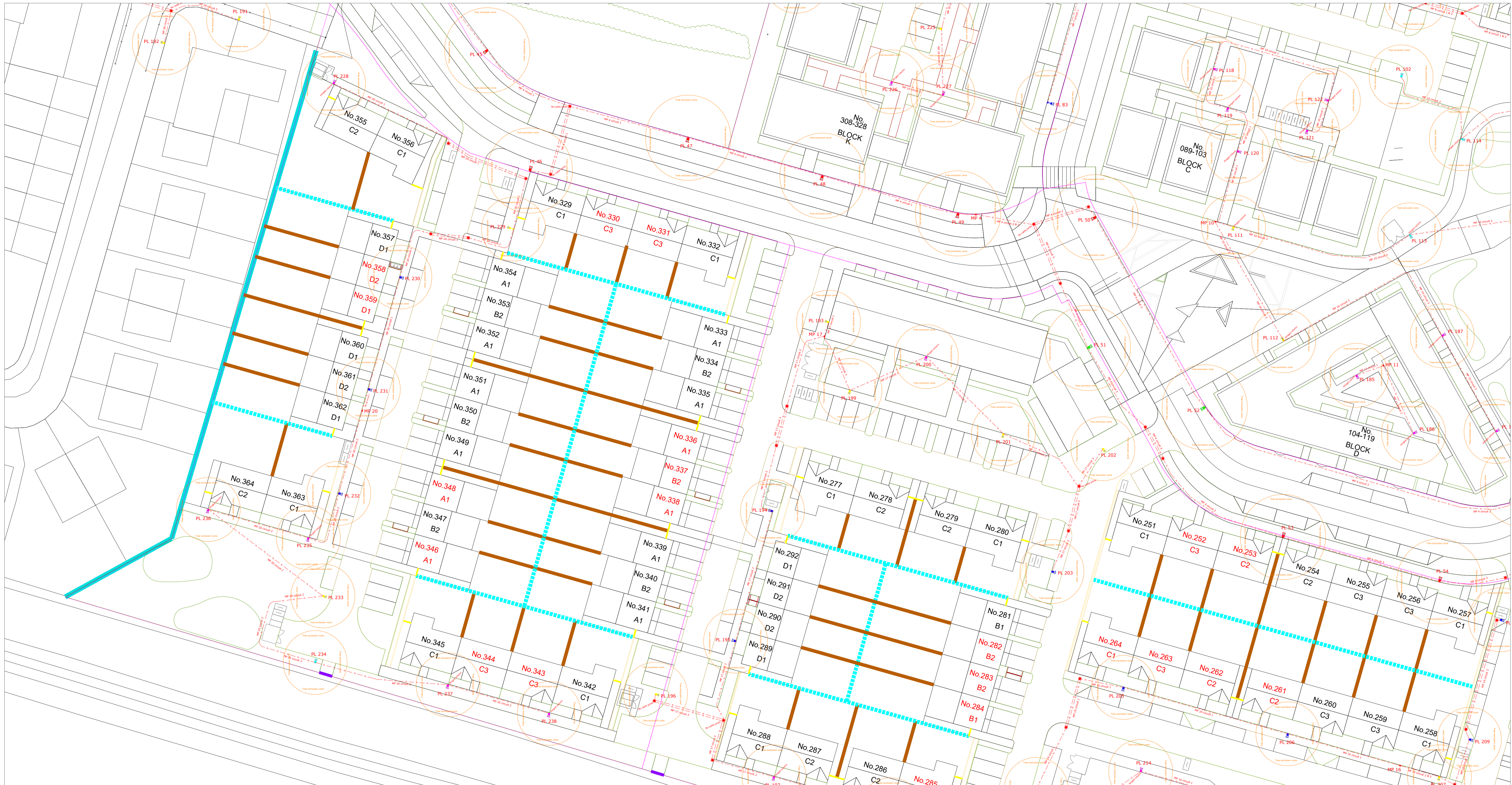
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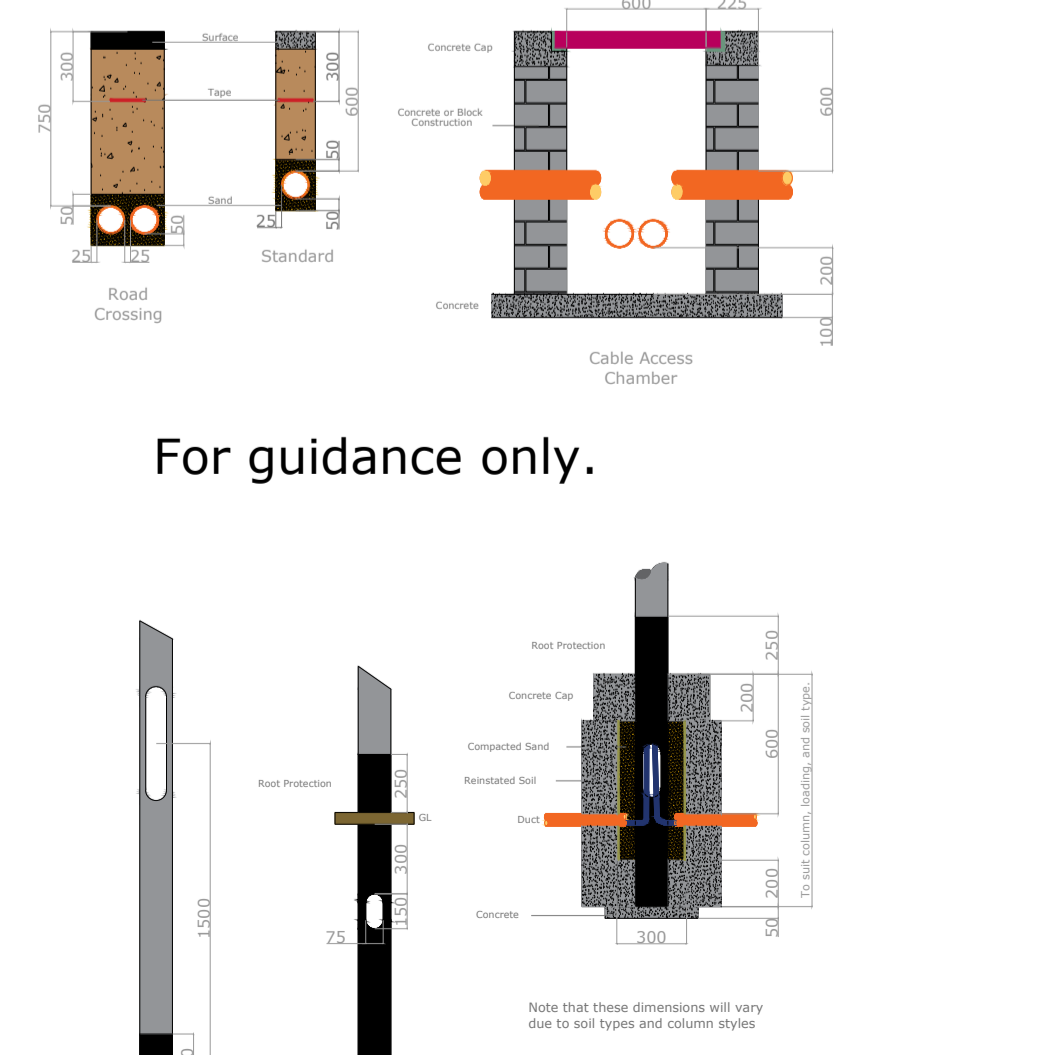


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS1\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 52W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Twin Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Existing lighting equipment.
- Existing lighting equipment to be retired with the permission of Westmeath County Council's public lighting department. Only approved Westmeath public lighting contractors can work on these units.
- Existing DNO electrical supply point.
- Midi pillar to be installed and fitted out in accordance with Westmeath County Council specifications and I.S. 10101:2020. Not to be installed within 2m of DNO CSP.
- Cable access chamber to be constructed in accordance with Westmeath County Council specifications. Spare duct to be provided at each road crossing.
- Cables and ducts to be laid in accordance with Westmeath County Council specifications and I.S. 10101:2020.
- Cable joints are not permitted. Cables can share duct.
- 90°N draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



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Client: **Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 9</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

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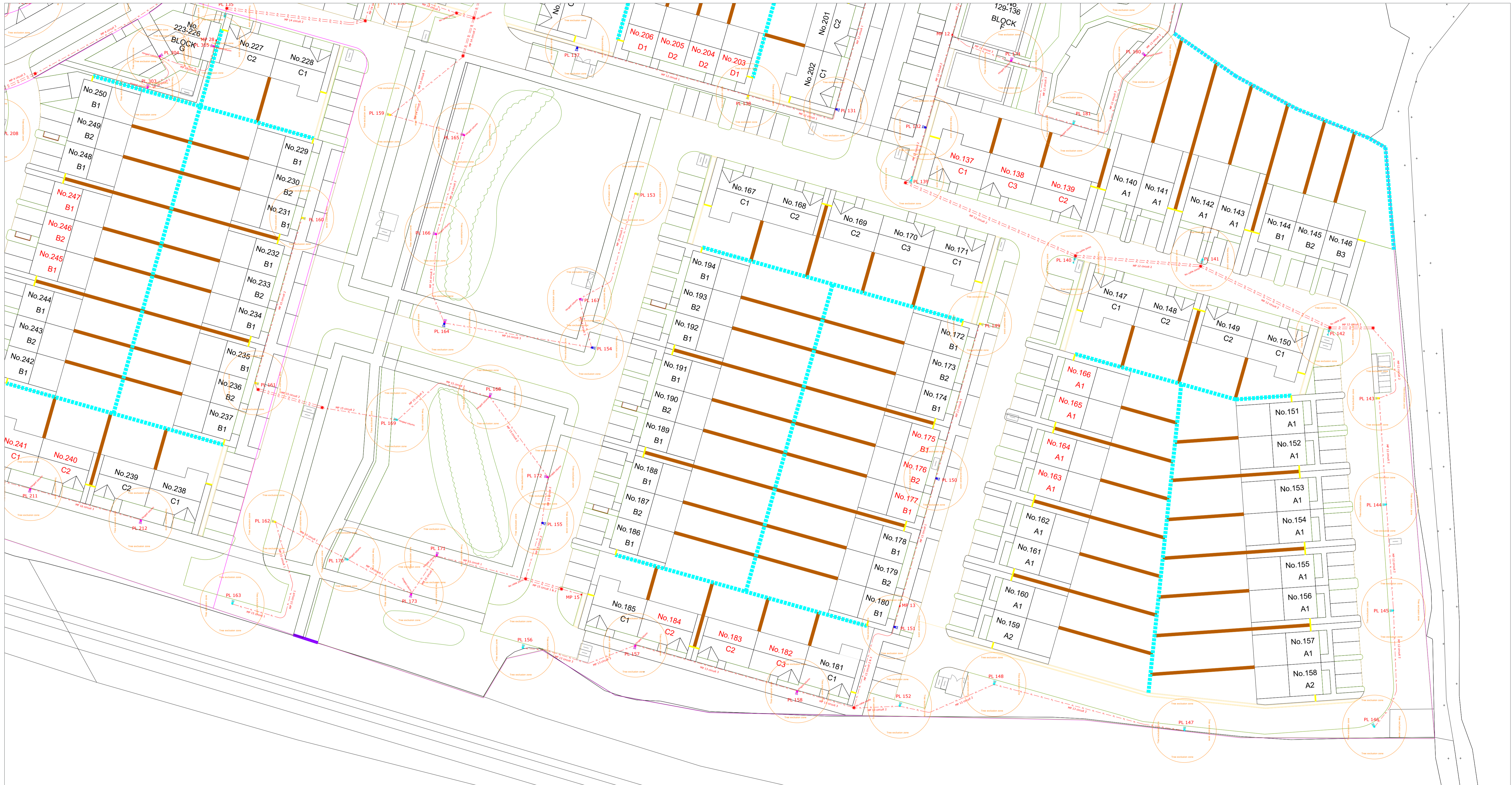
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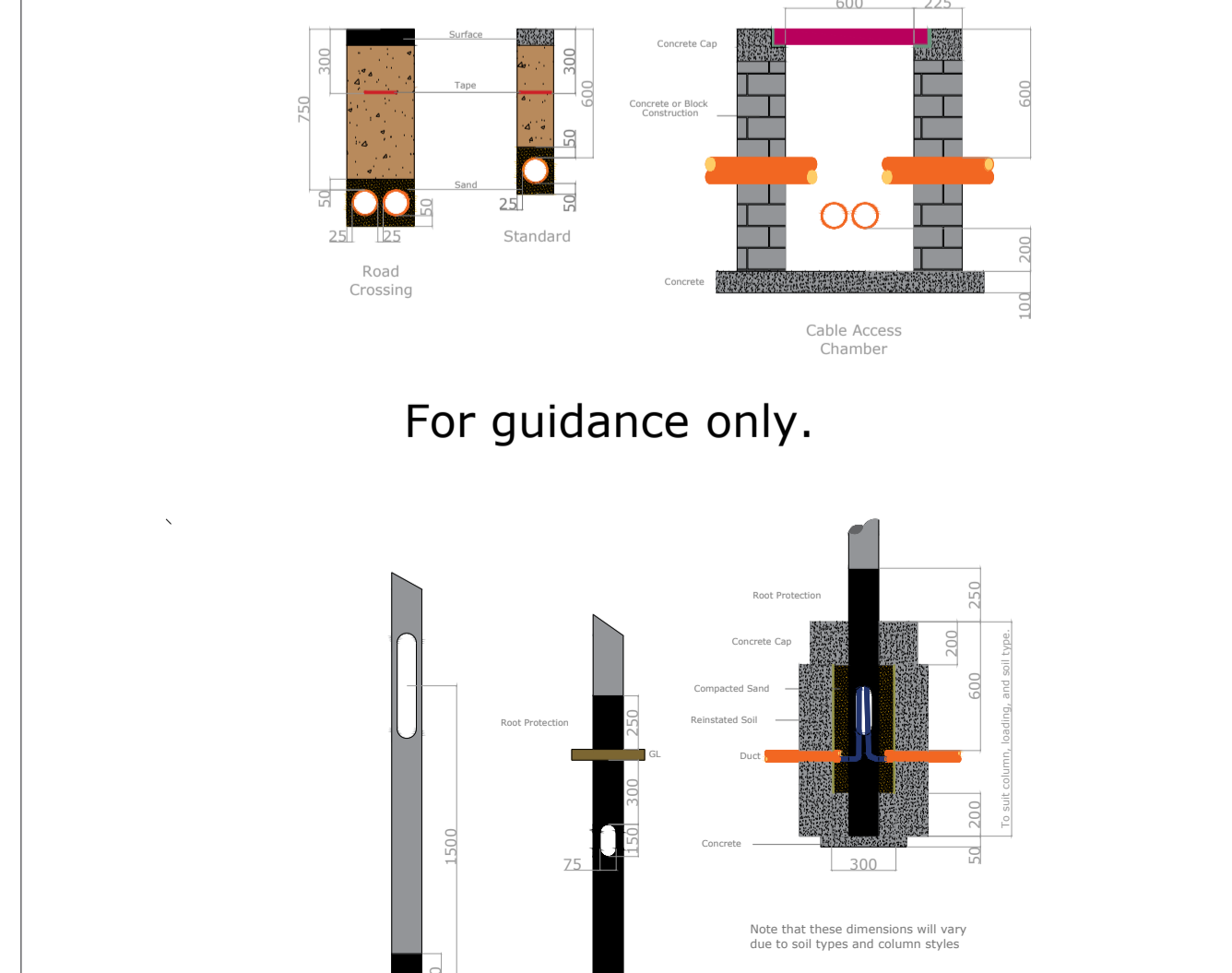


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14 LumStreet Gen2\_Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP292 DX10 11.0km mounted with Philips BGP291 DM11 4.8km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 63W & 23W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_11000\_40LED\_5.25\_CLO\_L90\_740.ies SE U15 LumStreet Gen2\_Micro\_BGP291\_DM11\_4800\_20LED\_5.25\_CLO\_L90\_740.ies SE U15
- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 74W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14 LumStreet Gen2\_Micro\_BGP291\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

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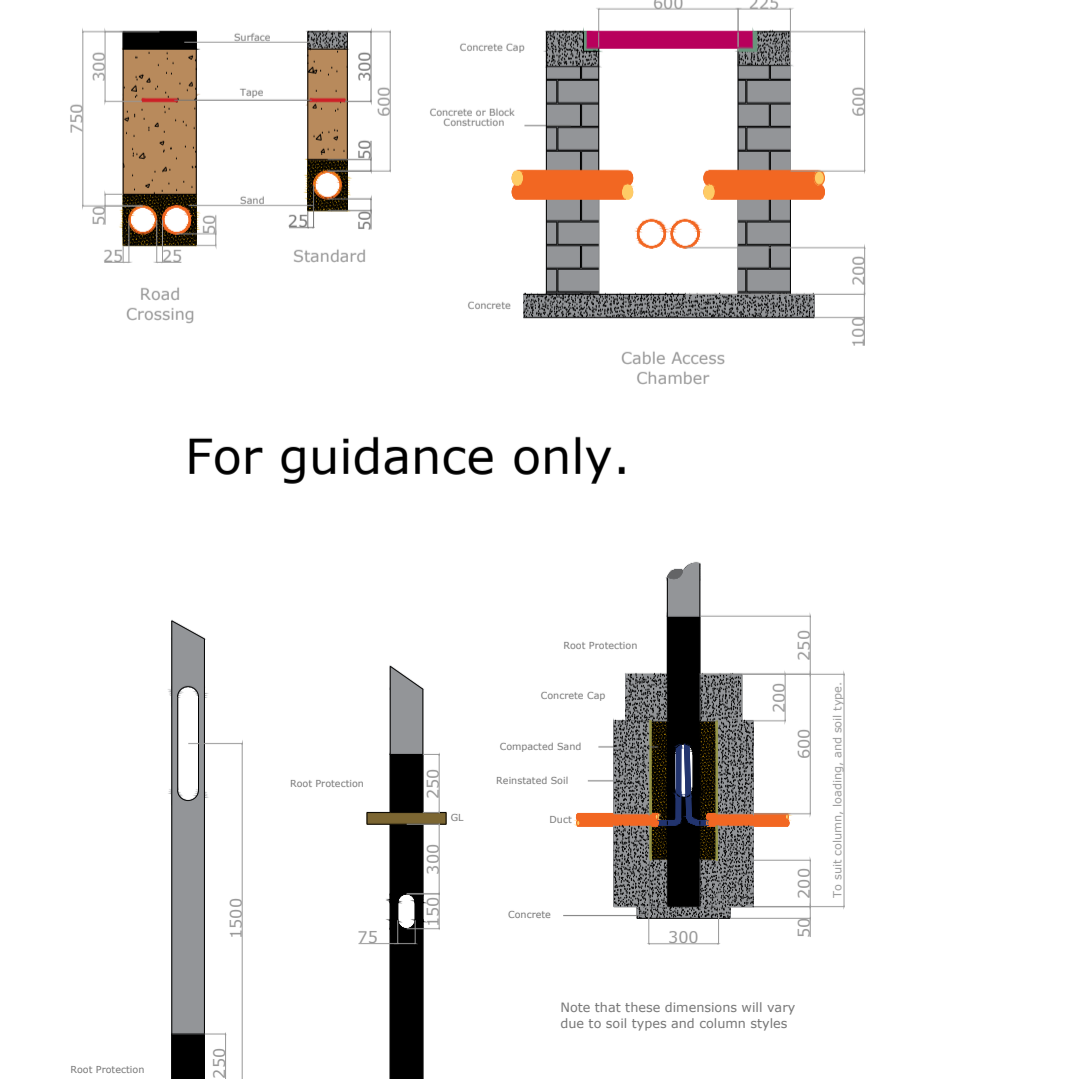
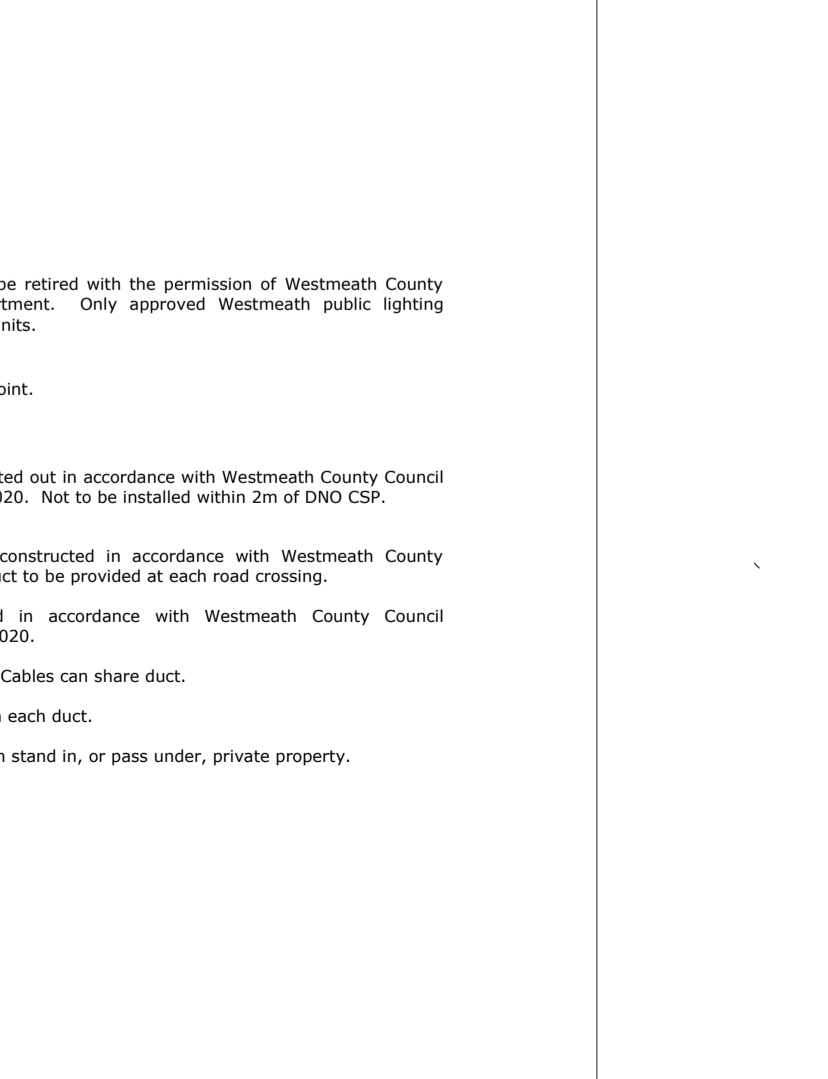


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- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DX10 11.0km mounted with Philips BGP291 DM11 4.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 63W & 23W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX10\_11000\_40LED\_5.25\_CLO\_L90\_740.ies SE U15 LumStreet Gen2\_Micro\_BGP291\_DM11\_4000\_20LED\_5.25\_CLO\_L90\_740.ies SE U15
- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

- Existing lighting equipment.
- Existing lighting equipment to be retired with the permission of Westmeath County Council's public lighting department. Only approved Westmeath public lighting contractors can work on these units.
- Existing DNO electrical supply point.
- Midi pillar to be installed and fitted out in accordance with Westmeath County Council specifications and I.S. 10101:2020. Not to be installed within 2m of DNO CSP.
- Cable access chamber to be constructed in accordance with Westmeath County Council specifications and I.S. 10101:2020. Spare duct to be provided at each road crossing. Cables and ducts to be laid in accordance with Westmeath County Council specifications and I.S. 10101:2020.
- Cable joints are not permitted. Cables can share duct.
- 90° draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



For guidance only.

Drawing title: **Public Lighting Layout**  
 Project title: **Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**  
 Client: **Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 12</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations  
 Do not scale from drawing All dimensions in mm  
 Document control: TD 09 Version: 1.0

**Redmond Analytical Management Services Ltd.**  
 053 9383696 info@redmondams.ie www.redmondams.ie

Associate Member ~ Society of Light and Lighting  
 Associate Member ~ Institution of Lighting Professionals



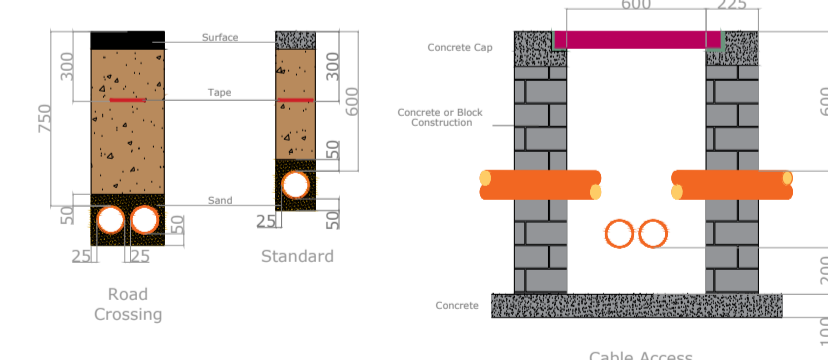


- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Twin Philips BGP292 DWS2 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DWS2 9.0km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DWS2\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

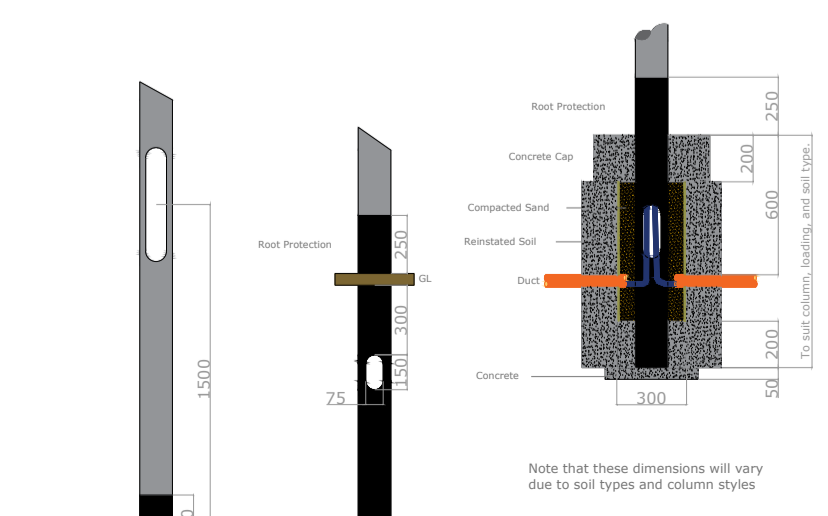
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W & 12W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_5000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14

- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 12W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 17W & 12W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX70 11.0km mounted with Philips BGP291 DN11 4.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U15 dimming. 63W & 23W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_11000\_40LED\_5.25\_CLO\_L90\_740.ies SE U15 LumiStreet Gen2\_Micro\_BGP291\_DN11\_4000\_20LED\_5.25\_CLO\_L90\_740.ies SE U15
- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 74W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

- Existing lighting equipment.
- Existing lighting equipment to be retired with the permission of Westmeath County Council's public lighting department. Only approved Westmeath public lighting contractors can work on these units.
- Existing DNO electrical supply point.
- Midi pillar to be installed and fitted out in accordance with Westmeath County Council specifications and I.S. 10101:2020. Not to be installed within 2m of DNO CSP.
- Cable access chamber to be constructed in accordance with Westmeath County Council specifications. Spare duct to be provided at each road crossing. Cables and ducts to be laid in accordance with Westmeath County Council specifications and I.S. 10101:2020.
- Cable joints are not permitted. Cables can share duct.
- 9kV draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



For guidance only.



Drawing title:  
**Public Lighting Layout**

Project title:  
**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 13</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

**Redmond Analytical Management Services Ltd.**

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Associate Member ~ Society of Light and Lighting

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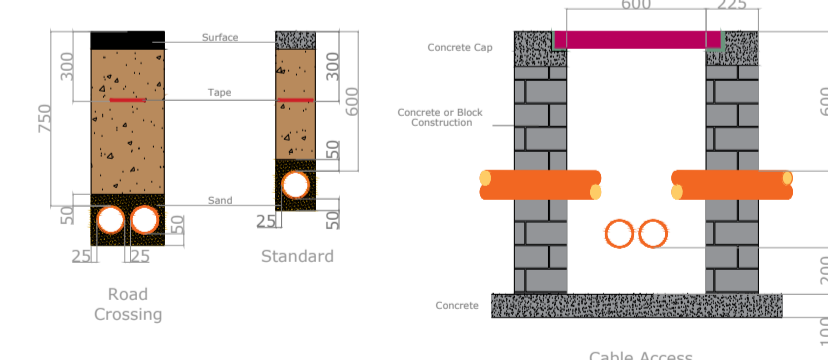




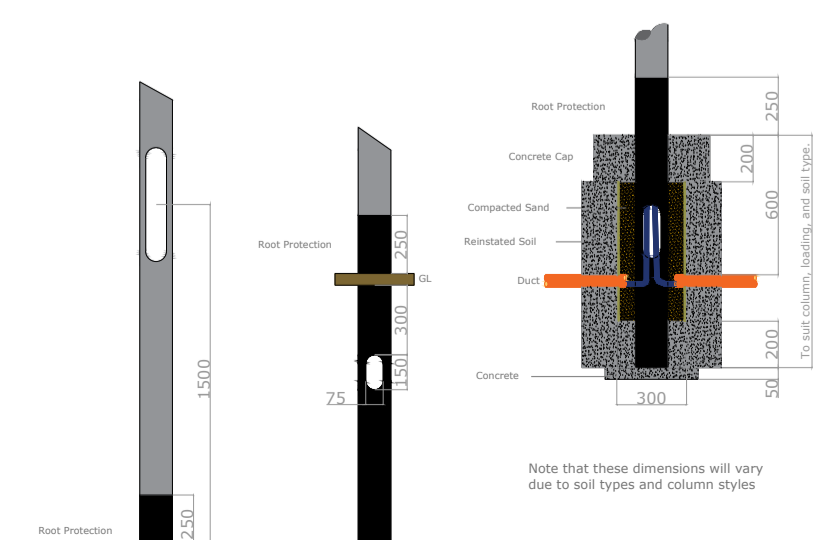
- Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DM11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 52W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DM19 2.8km mounted with Philips BGP291 DN08 2.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 52W & 14W connected load, averaged for CLO. LumiStreet Gen2\_Micro\_BGP291\_DM11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP292 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP292 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
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- Philips BGP292 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14

- Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 12W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
- Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14
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- Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 20W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

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For guidance only.



Drawing title:  
**Public Lighting Layout**

Project title:  
**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 14</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

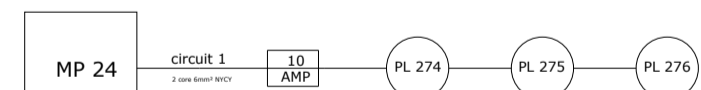
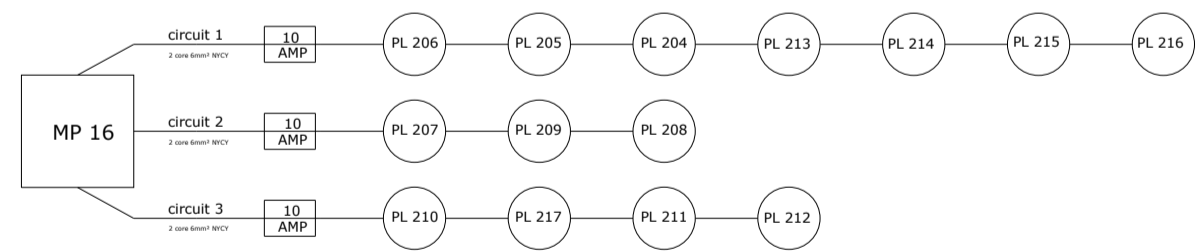
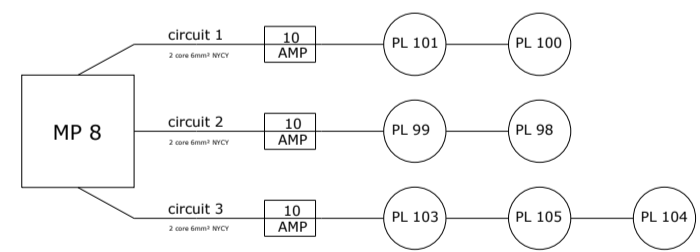
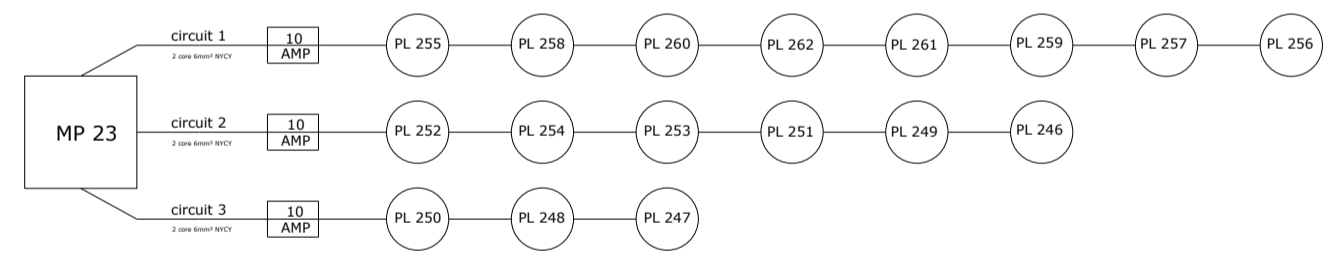
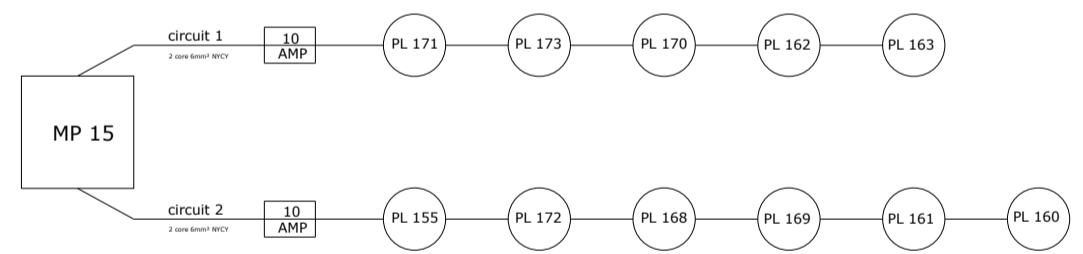
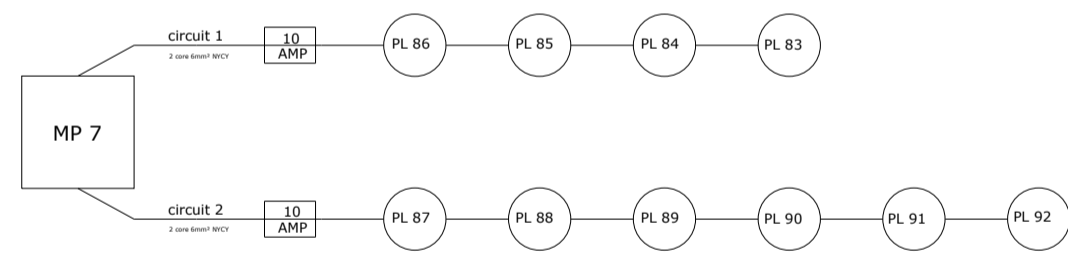
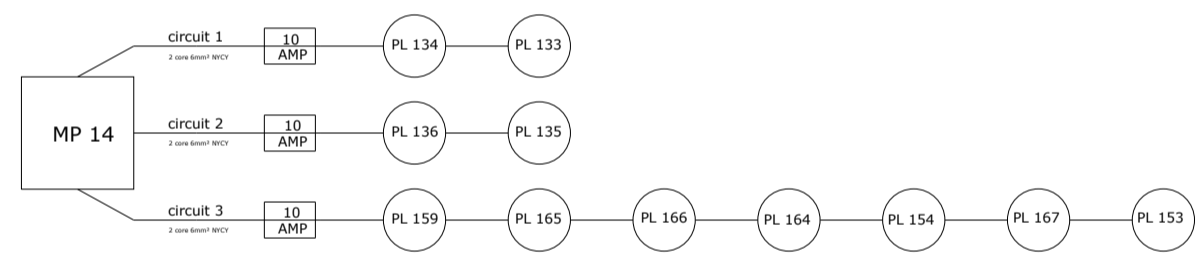
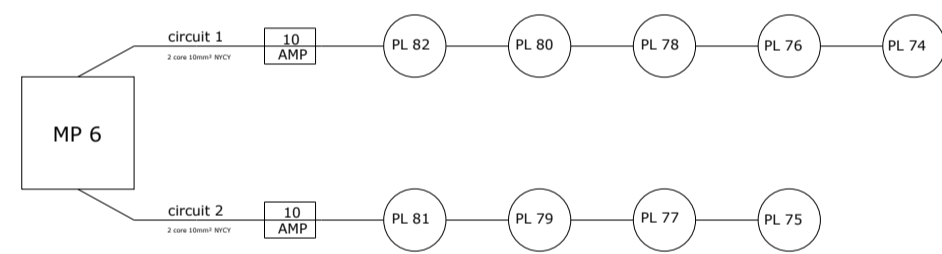
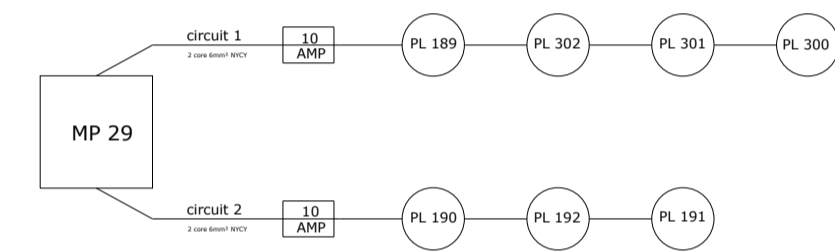
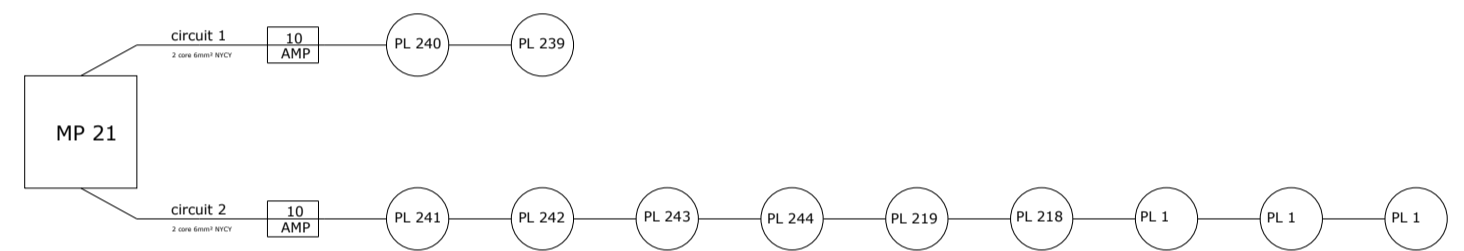
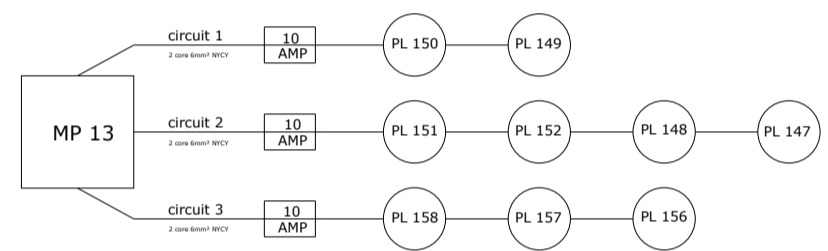
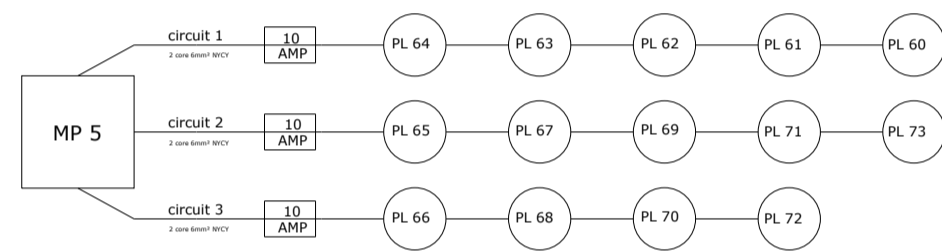
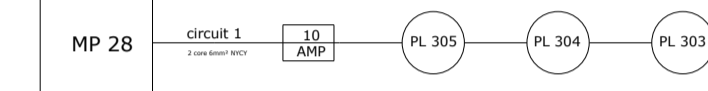
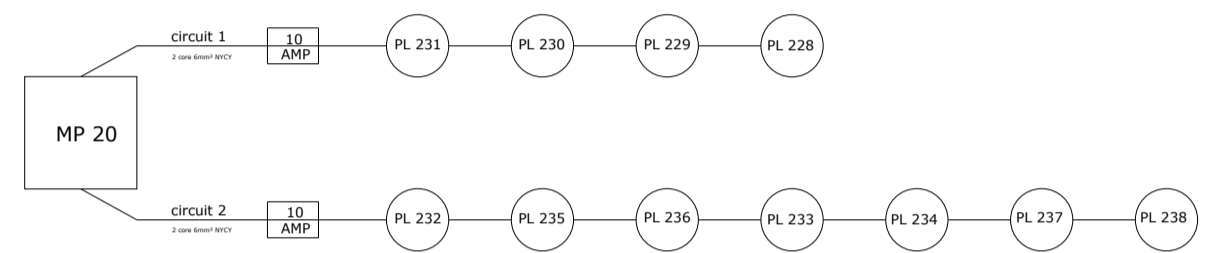
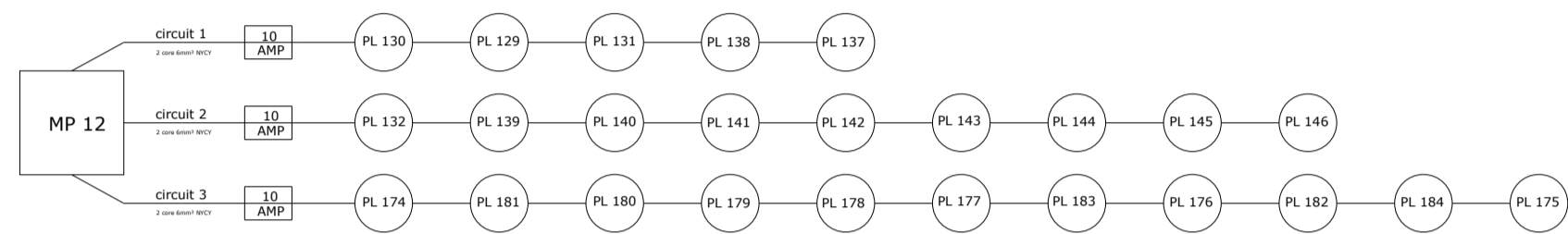
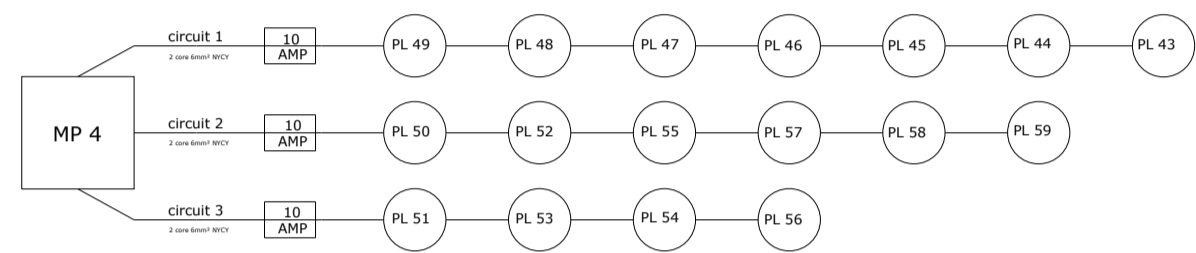
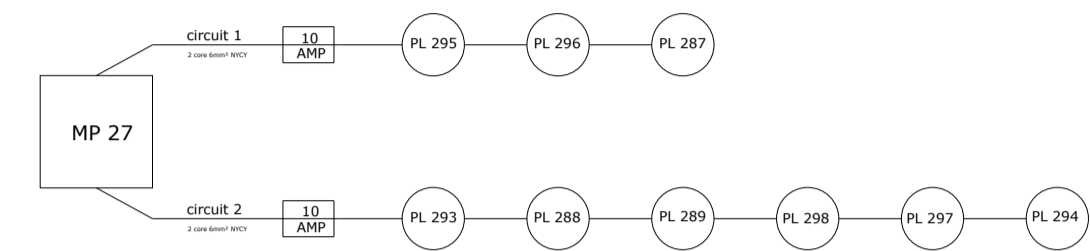
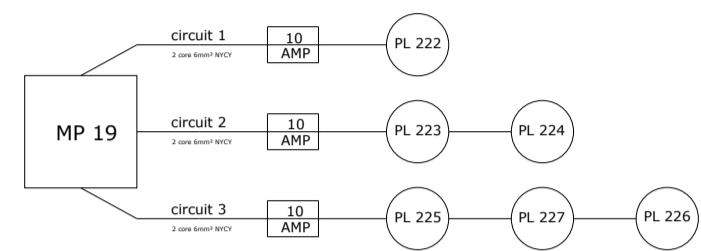
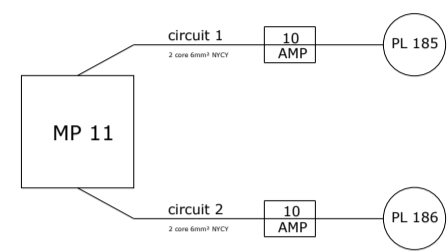
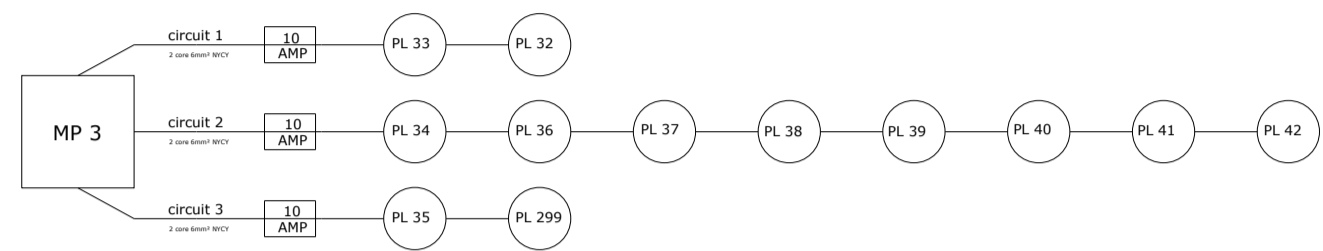
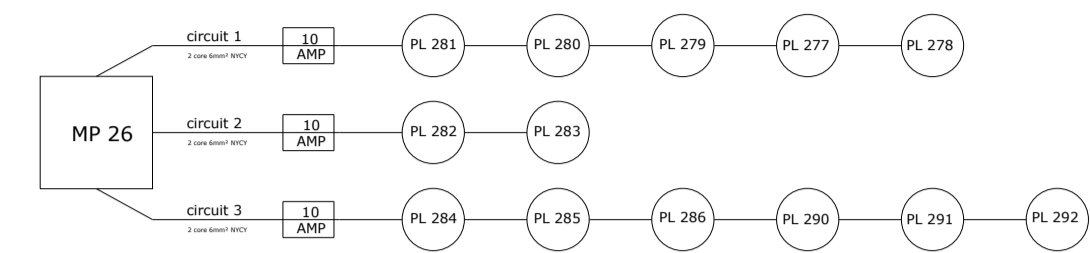
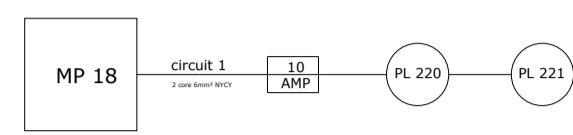
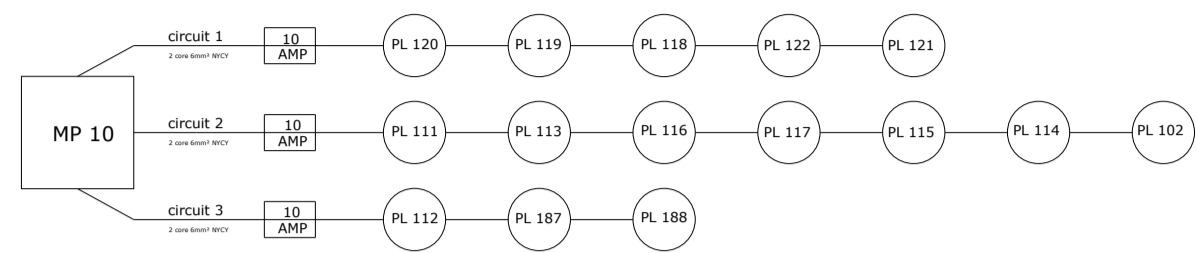
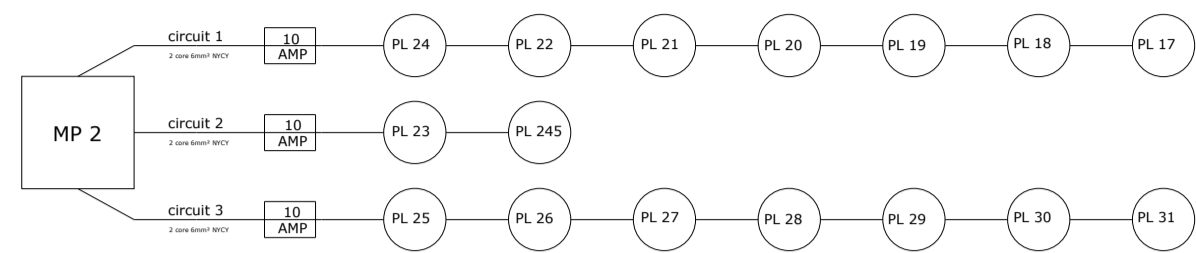
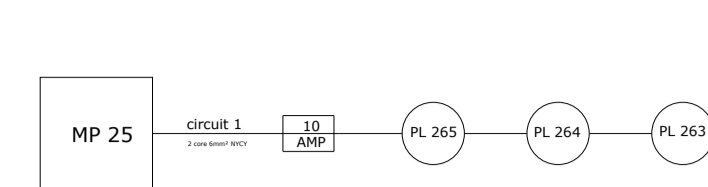
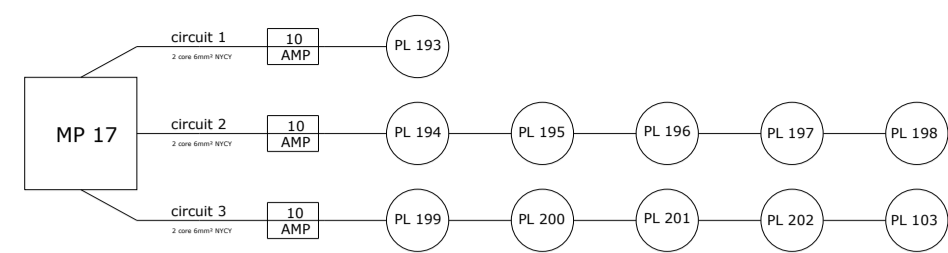
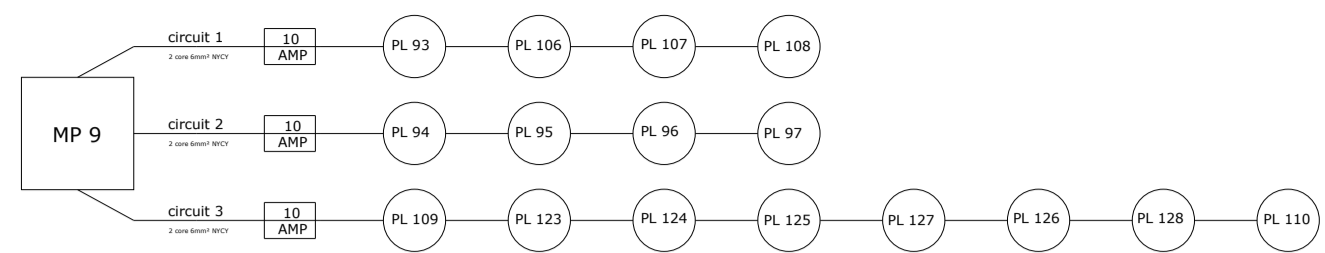
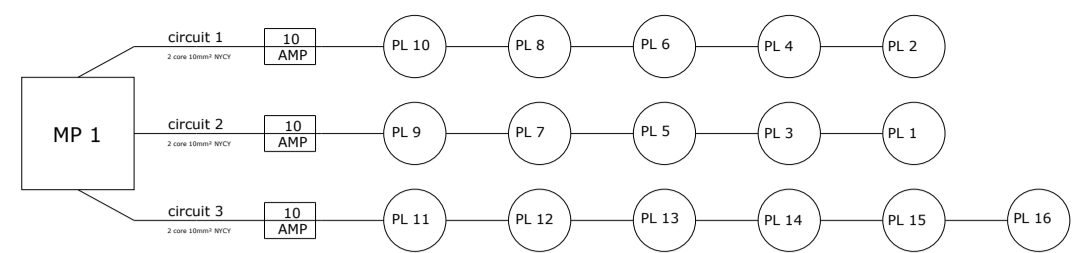
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Philips BGP292 DX10 9.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 55W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX10\_9500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP292 DX10 9.5km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 50W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

Twin Philips BGP292 DW52 9.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP292 DW52 9.0km mounted with Philips BGP291 DN11 2.4km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U14 dimming. 55W & 14W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DW52\_9000\_40LED\_5.25\_CLO\_L90\_740.ies SE U14 LumiStreet Gen2\_Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DM19 2.8km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 17W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DM19\_2800\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DM19 2.8km mounted with Philips BGP291 DN08 2.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2\_Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2\_Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DX10 5.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on 0.5m outreach bracket at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 29W connected load, averaged for CLO. LumiStreet Gen2\_Micro\_BGP291\_DX10\_5000\_20LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DN08 2.0km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN08\_2000\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies SE U14

Philips BGP291 DN11 2.4km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 6m hinged column. Programmed with U14 dimming. 14W connected load, averaged for CLO. LumiStreet Gen2 Micro\_BGP291\_DN11\_2400\_10LED\_5.25\_CLO\_L90\_740.ies PT U14

Philips BGP292 DX70 11.0km mounted with Philips BGP291 DM11 4.0km, both in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted on minimal outreach stub TEE bracket at zero degree inclination on 8m column. Programmed with U15 dimming. 63W & 23W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_11000\_40LED\_5.25\_CLO\_L90\_740.ies SE U15 LumiStreet Gen2\_Micro\_BGP291\_DM11\_4000\_20LED\_5.25\_CLO\_L90\_740.ies SE U15

Philips BGP292 DX70 12.5km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Mounted post top at zero degree inclination on 8m column. Programmed with U14 dimming. 74W connected load, averaged for CLO. LumiStreet Gen2 Mini\_BGP292\_DX70\_12500\_40LED\_5.25\_CLO\_L90\_740.ies PT U14

Existing lighting equipment.

Existing lighting equipment to be retired with the permission of Westmeath County Council's public lighting department. Only approved Westmeath public lighting contractors can work on these units.

Existing DNO electrical supply point.

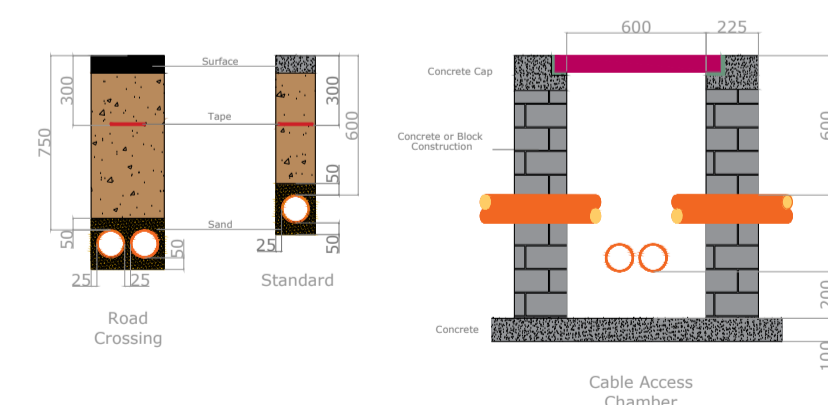
Midi pillar to be installed and fitted out in accordance with Westmeath County Council specifications and I.S. 10101:2020. Not to be installed within 2m of DNO CSP.

Cable access chamber to be constructed in accordance with Westmeath County Council specifications. Spare duct to be provided at each road crossing. Cables and ducts to be laid in accordance with Westmeath County Council specifications and I.S. 10101:2020.

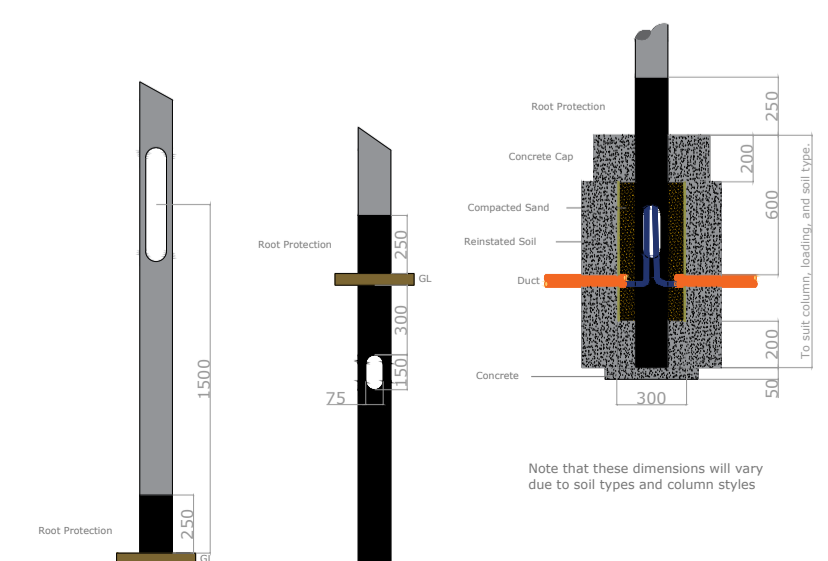
Cable joints are not permitted. Cables can share duct.

9kV draw rope to be provided in each duct.

No element of public lighting can stand in, or pass under, private property.



For guidance only.



Drawing title:  
**Electrical Schematic**

Project title:  
**Strategic Housing Development ~ Lissywollen, Athlone, Co. Westmeath.**

Client:  
**Alanna Roadbridge Developments Ltd.**

Project number: <b>20043</b>	Date: <b>14/2/21</b>	Hard copy approved:
Drawing number: <b>20043 - 15</b>	Revision: <b>0</b>	Drawn by: <b>Patrick Redmond</b>

Read in conjunction with associated lighting calculations

Do not scale from drawing All dimensions in mm

Document control: TD 09 Version: 1.0

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