

















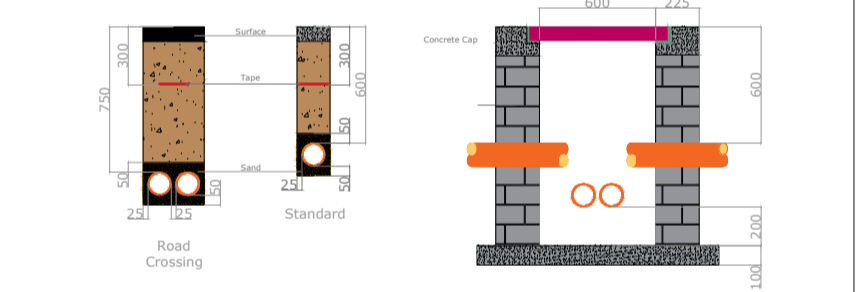
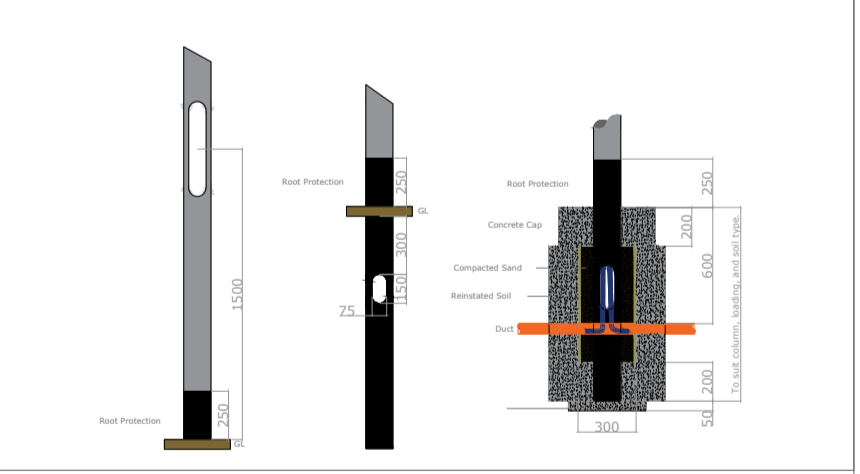


-  ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED830-M1 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED830-S7 1.17km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar and associated infrastructure will remain private and will not be taken in charge.
-  Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
-  Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Cable can share duct.
-  Cable joints are not permitted.
-  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.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

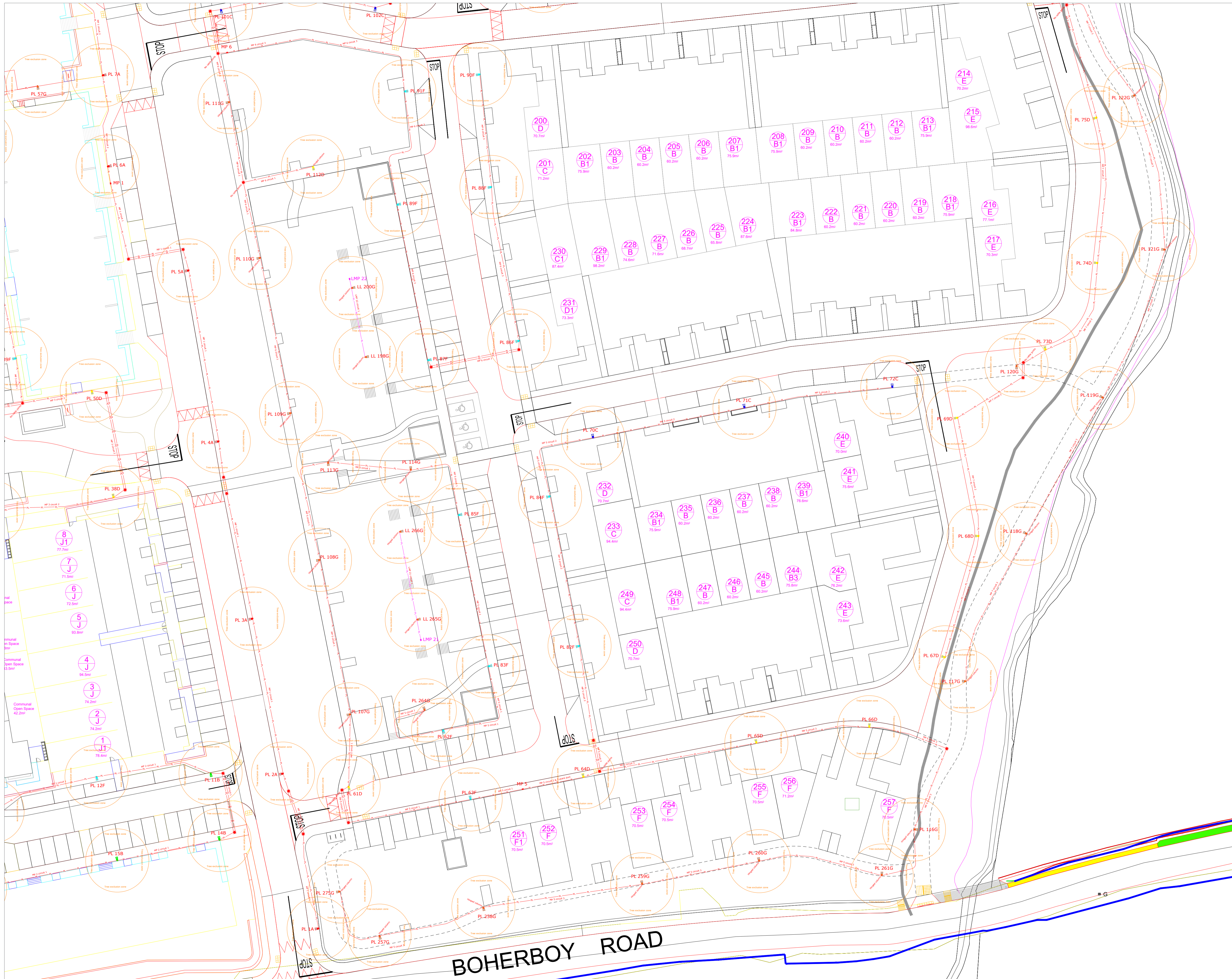
Drawing title: Public Lighting Layout		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 1	Revision: D	Drawn by: Patrick Redmond
Read in conjunction 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

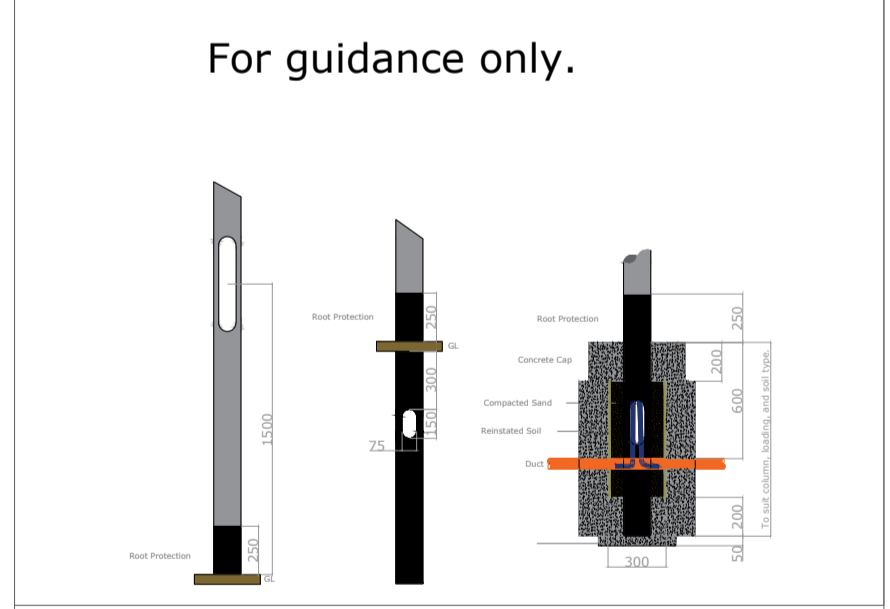
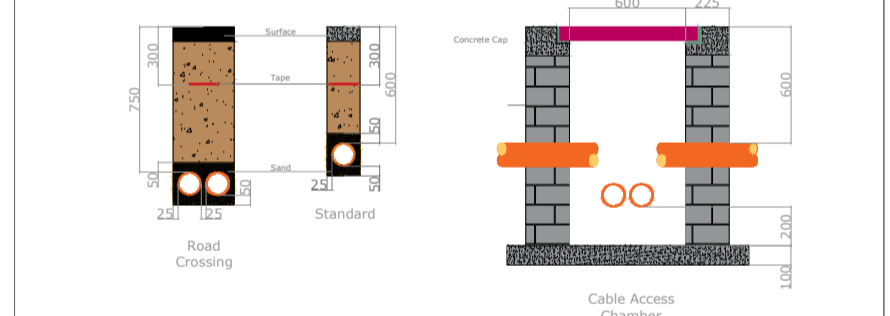


Associate Member ~ Society of Light and Lighting

Associate Member ~ Institution of Lighting Professionals



-  ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED830-S7 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar and associated infrastructure will remain private and will not be taken in charge.
-  Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
-  Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Cable can share duct.
-  Cable joints are not permitted.
-  9kV draw rope to be provided in each duct.
-  No element of public lighting can stand in, or pass under, private property.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Public Lighting Layout		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 2	Revision: D	Drawn by: Patrick Redmond
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

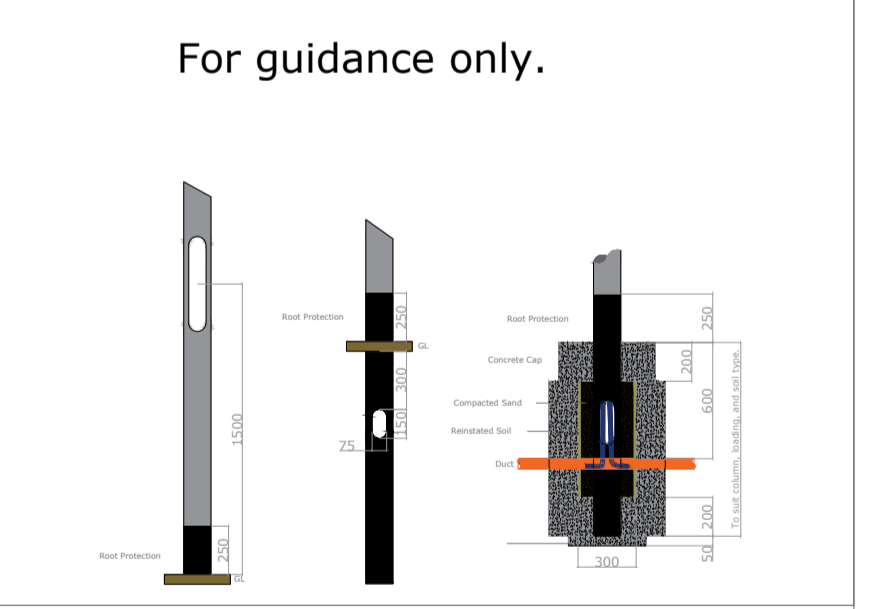
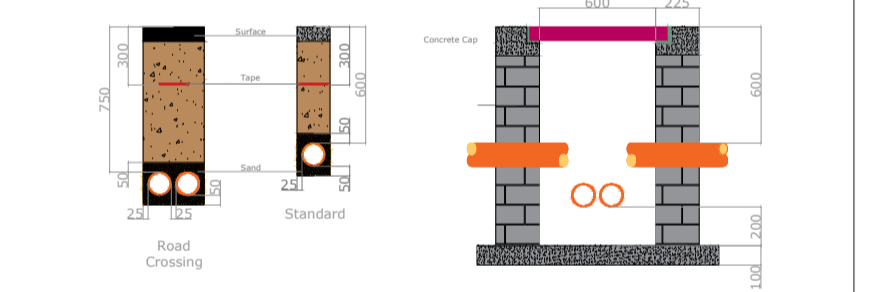


Associate Member ~ Society of Light and Lighting

Associate Member ~ Institution of Lighting Professionals



- ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED830-S7 1.17km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
- Mid pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Mid pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Mid pillar and associated infrastructure will remain private and will not be taken in charge.
- Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
- Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Cable can share duct.
- Cable joints are not permitted.
- 9M draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: **Public Lighting Layout**
Project title: **Proposed Residential Development at Boherboy**
Client: **Kelland Homes Ltd. & Durkan Estates Ireland Ltd.**

Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 3	Revision: D	Drawn by: Patrick Redmond

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

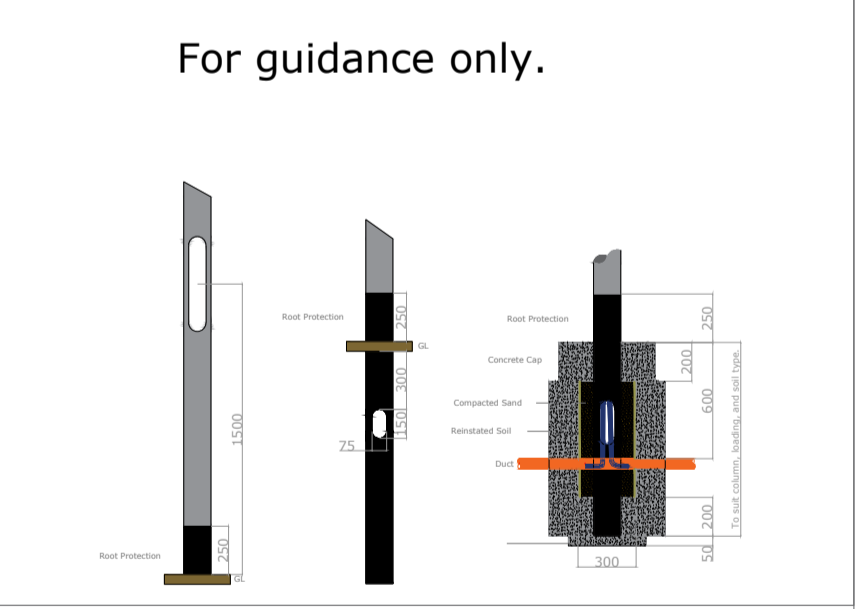
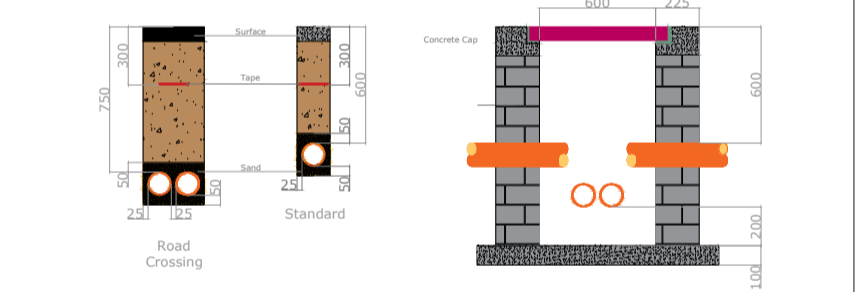


Associate Member ~ Society of Light and Lighting
Associate Member ~ Institution of Lighting Professionals





-  ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED850-M1 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
-  Mid pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Mid pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Mid pillar and associated infrastructure will remain private and will not be taken in charge.
-  Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
-  Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Cable can share duct.
-  Cable joints are not permitted.
-  9kV draw rope to be provided in each duct.
-  No element of public lighting can stand in, or pass under, private property.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

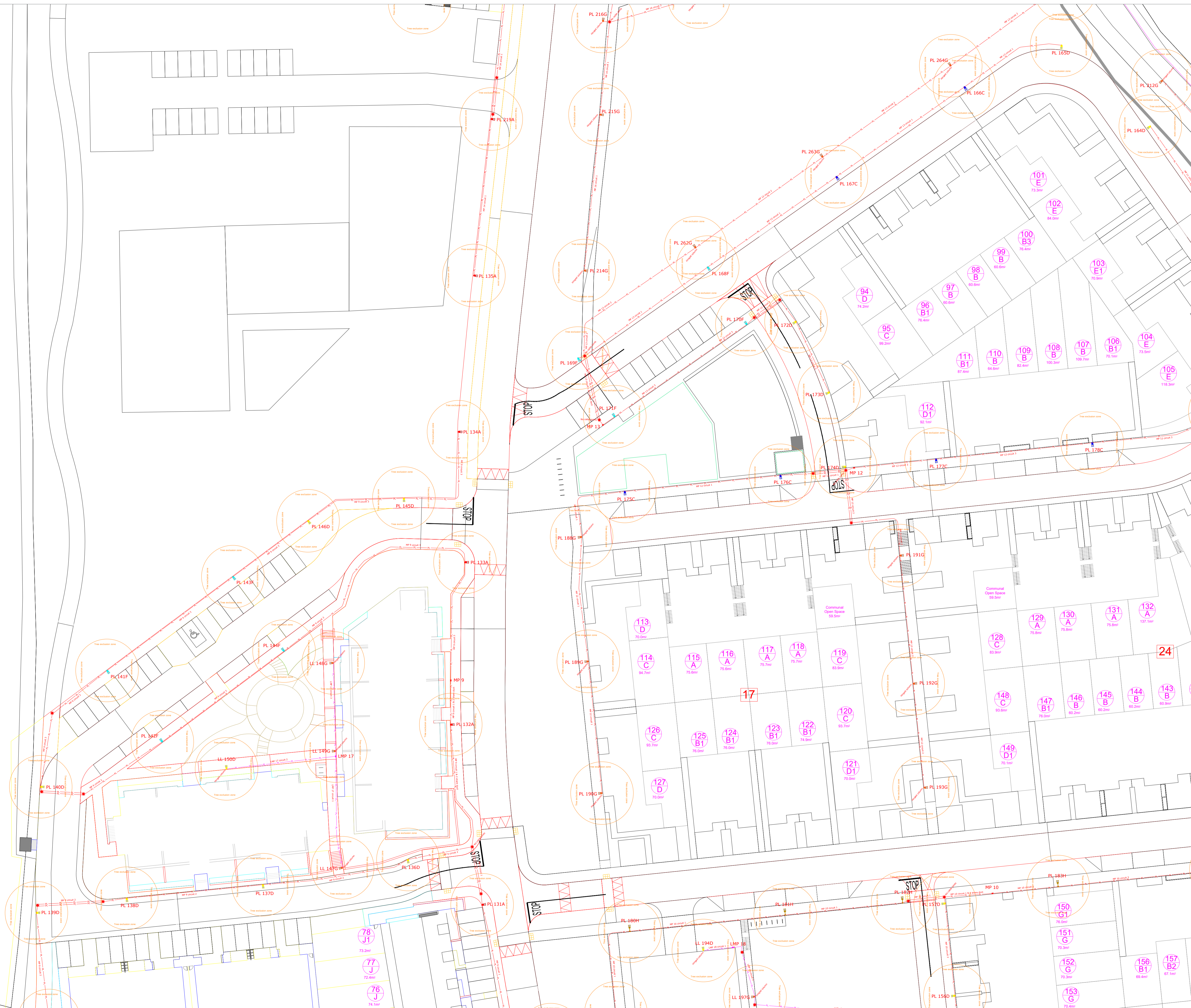
Drawing title: Public Lighting Layout		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 4	Revision: D	Drawn by: Patrick Redmond
Read in conjunction 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

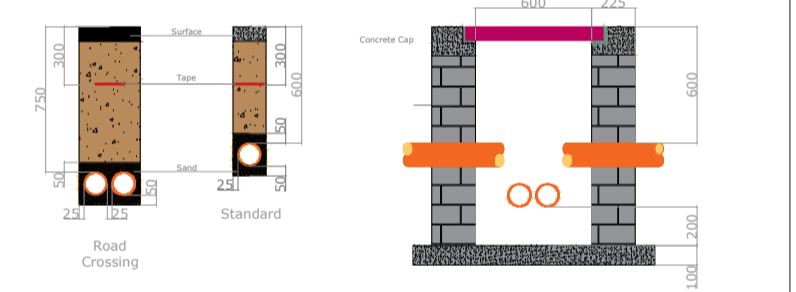


Associate Member ~ Society of Light and Lighting

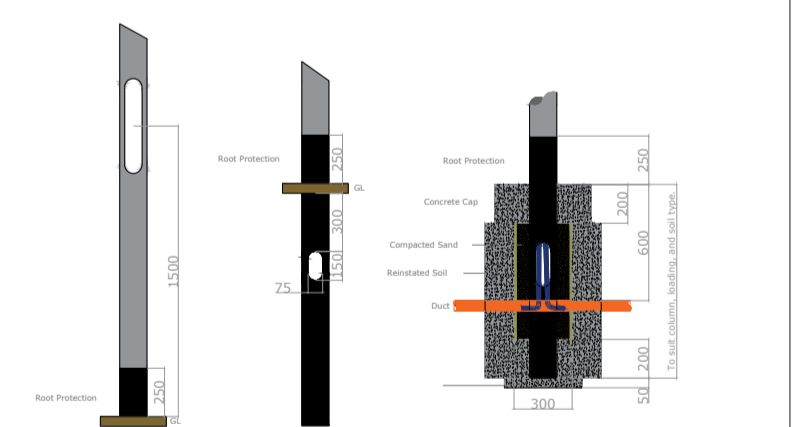
Associate Member ~ Institution of Lighting Professionals



-  ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED850-M1 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED830-S7 1.17km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar and associated infrastructure will remain private and will not be taken in charge.
-  Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
-  Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Cable can share duct.
-  Cable joints are not permitted.
-  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.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

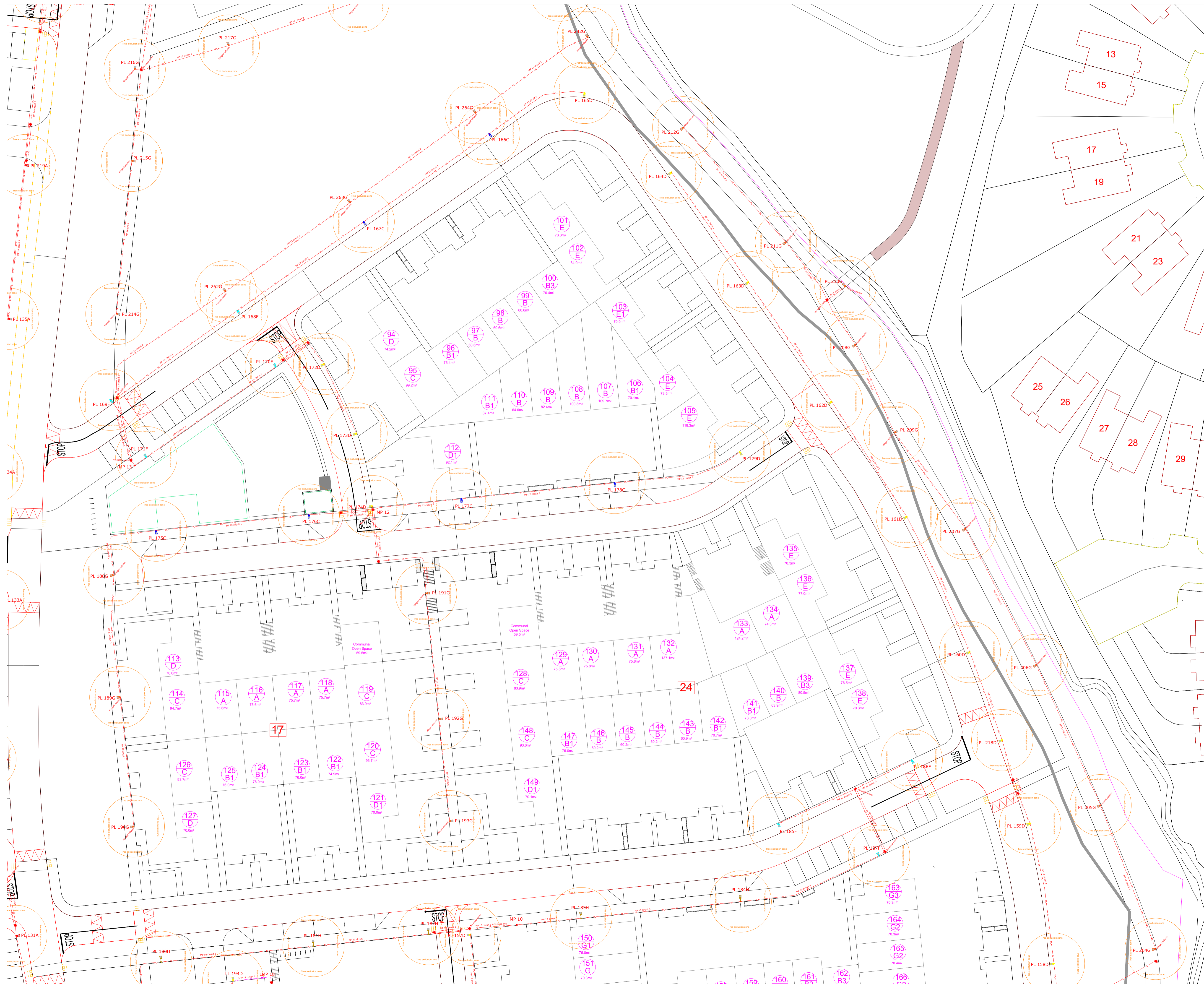
Drawing title: Public Lighting Layout		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 5	Revision: D	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing		All dimensions in mm
Document control: TD 09		Version: 1.0


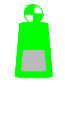
















Redmond Analytical Management Services Ltd.
 053 9383696 info@redmondams.ie www.redmondams.ie

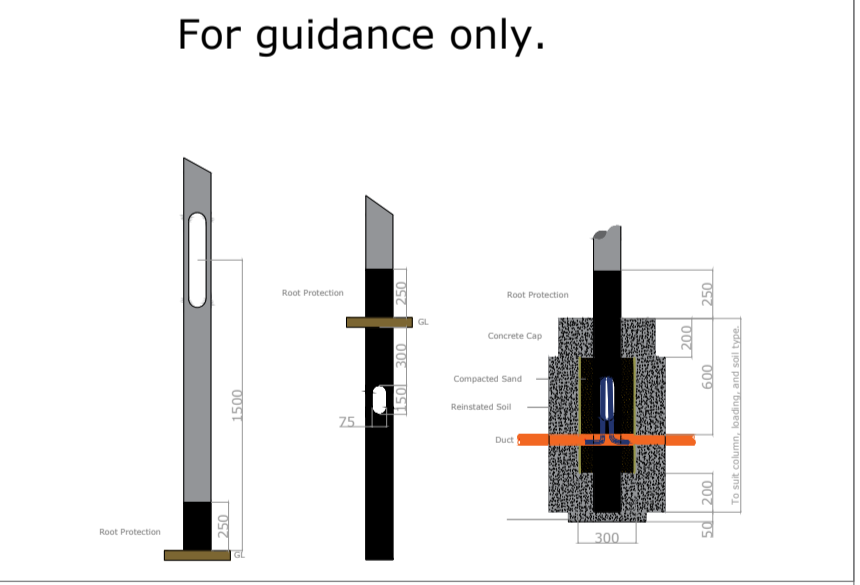
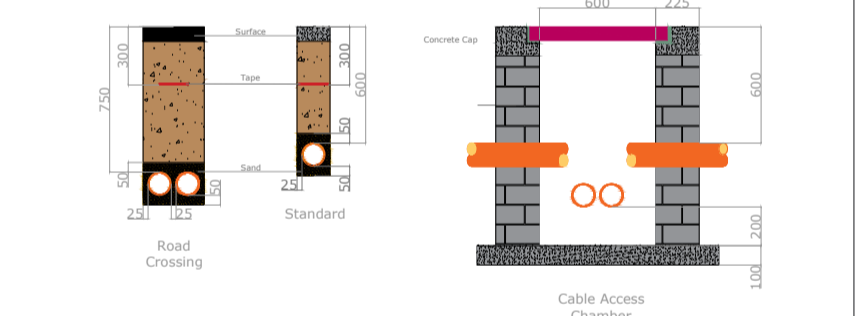


Associate Member ~ Society of Light and Lighting

Associate Member ~ Institution of Lighting Professionals



-  ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED830-S7 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
-  ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Midi pillar and associated infrastructure will remain private and will not be taken in charge.
-  Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
-  Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
-  Cable can share duct.
-  Cable joints are not permitted.
-  9kV draw rope to be provided in each duct.
-  No element of public lighting can stand in, or pass under, private property.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

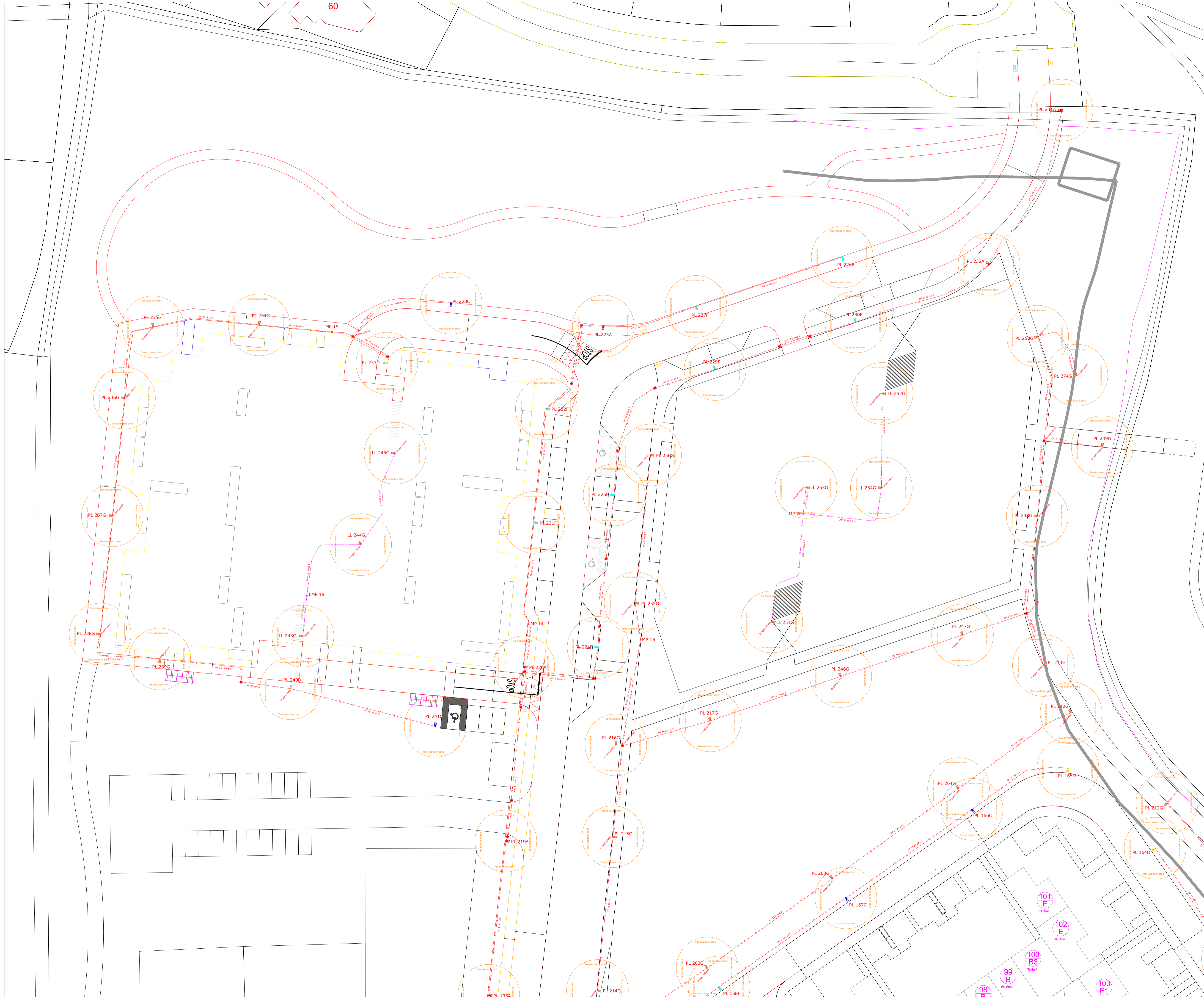
Drawing title: **Public Lighting Layout**
 Project title: **Proposed Residential Development at Boherboy**
 Client: **Kelland Homes Ltd. & Durkan Estates Ireland Ltd.**


Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 6	Revision: D	Drawn by: Patrick Redmond
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





 ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED1230-S8 1.70km and Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED850-M1 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.


 ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.

 Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.

 Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.

 Midi pillar and associated infrastructure will remain private and will not be taken in charge.


 Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.

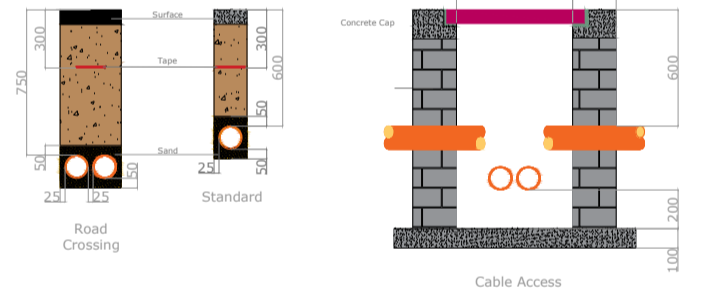
 Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.

 Cable can share duct.

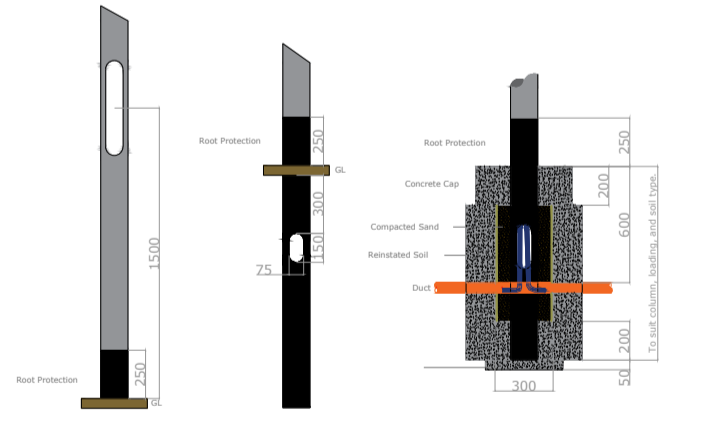
 Cable joints are not permitted.

 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.



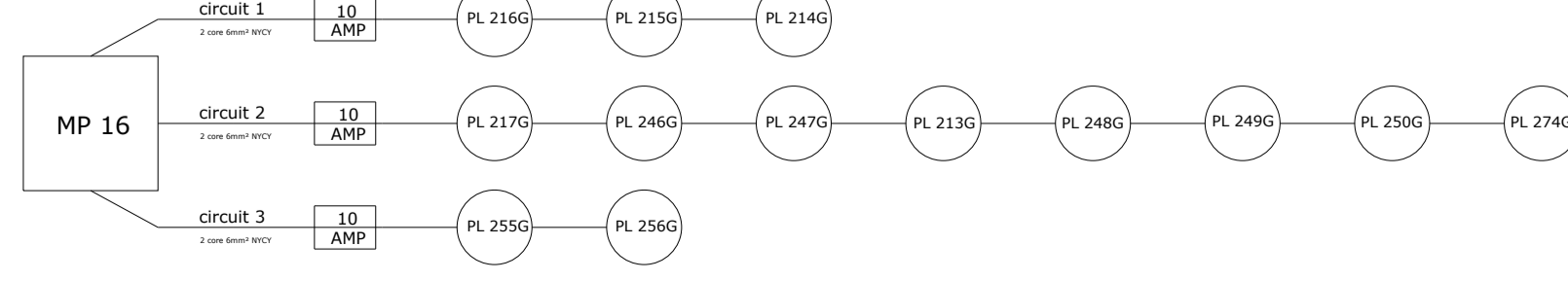
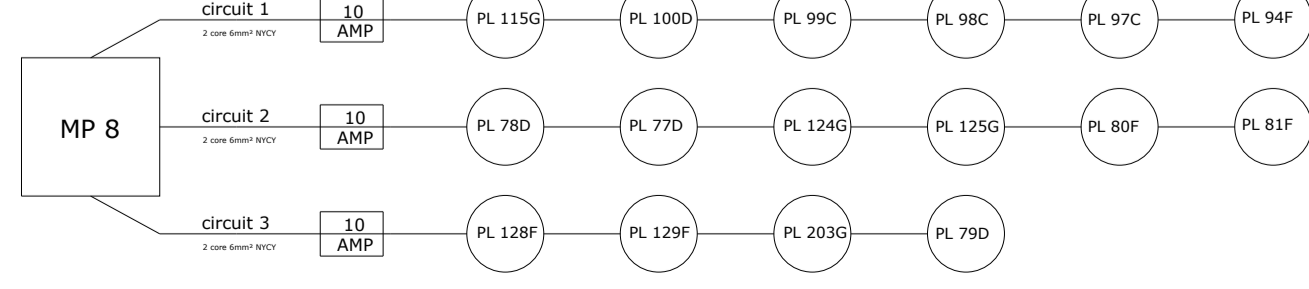
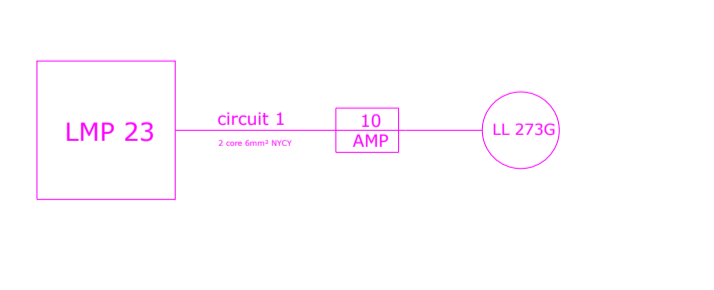
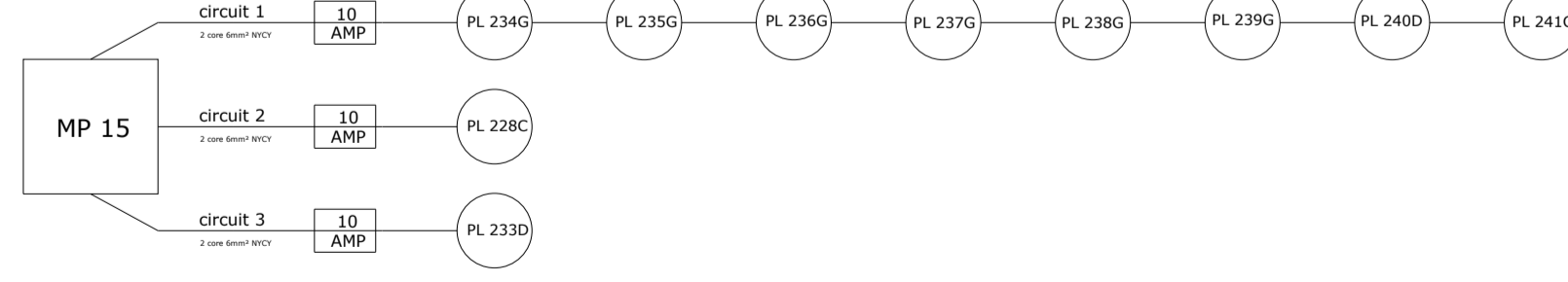
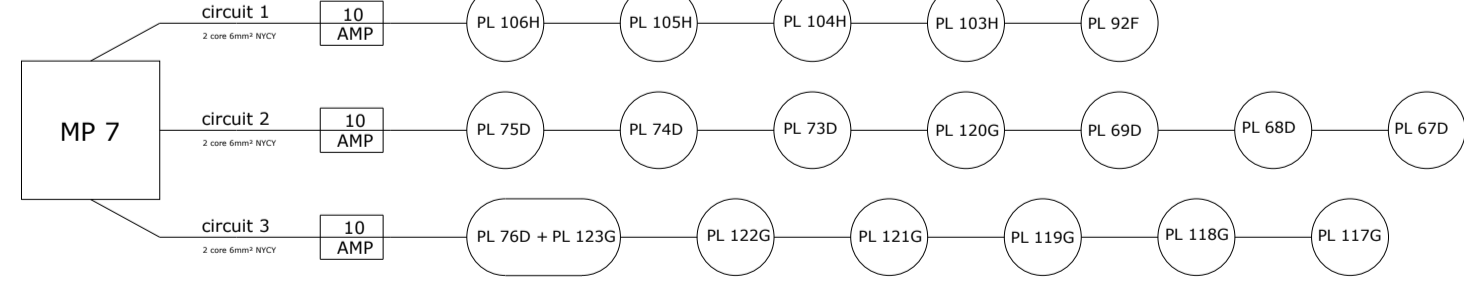
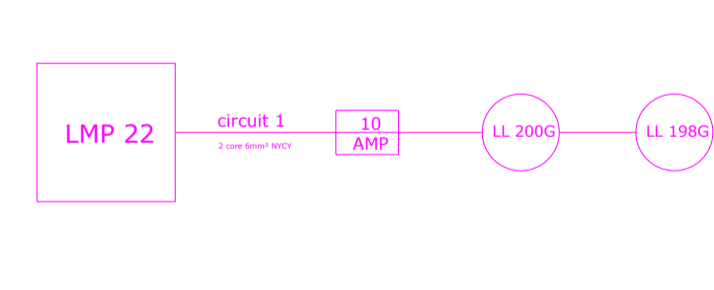
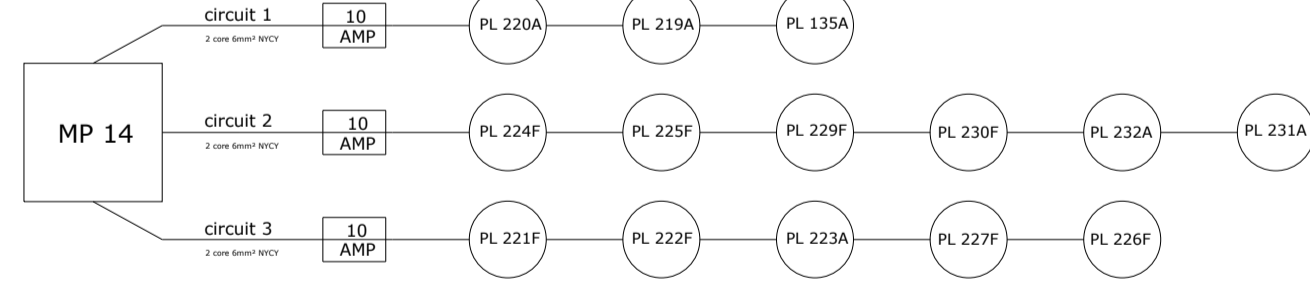
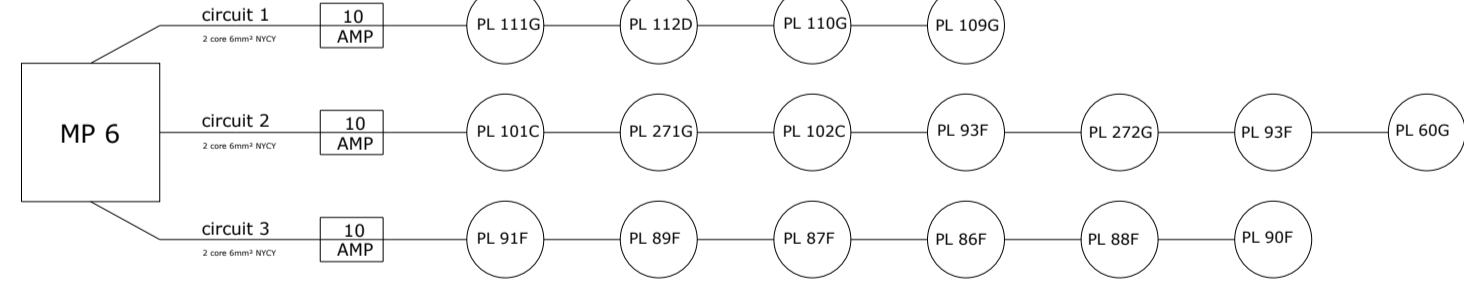
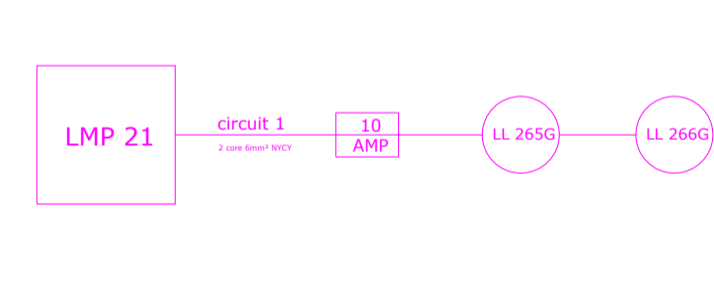
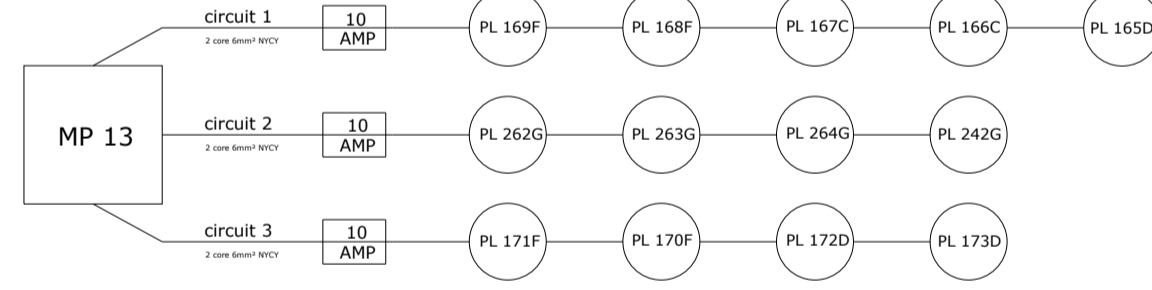
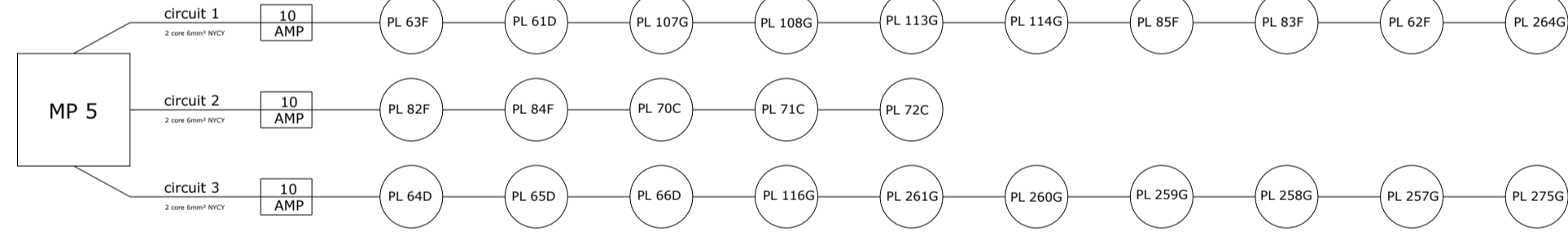
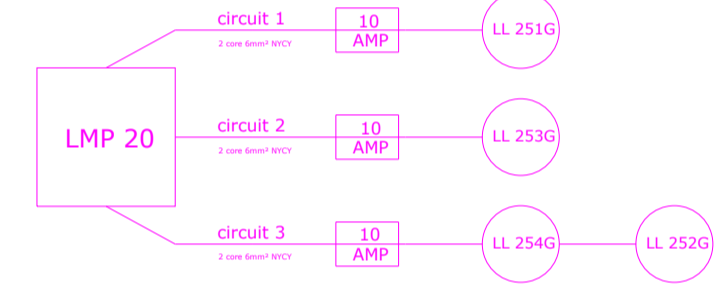
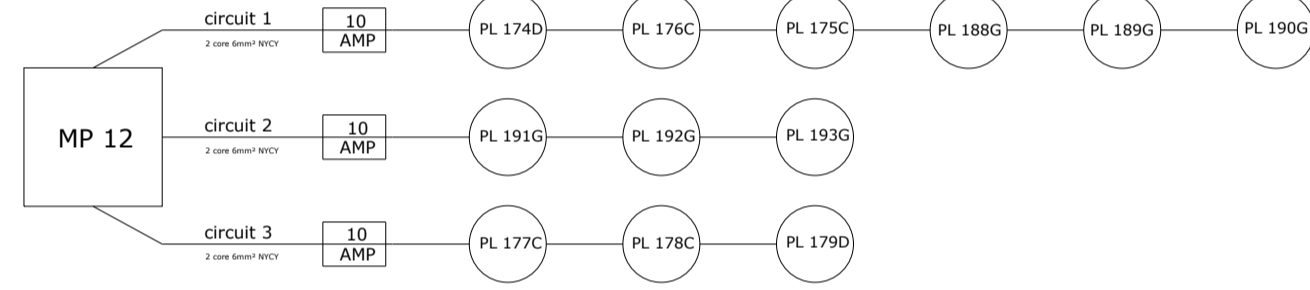
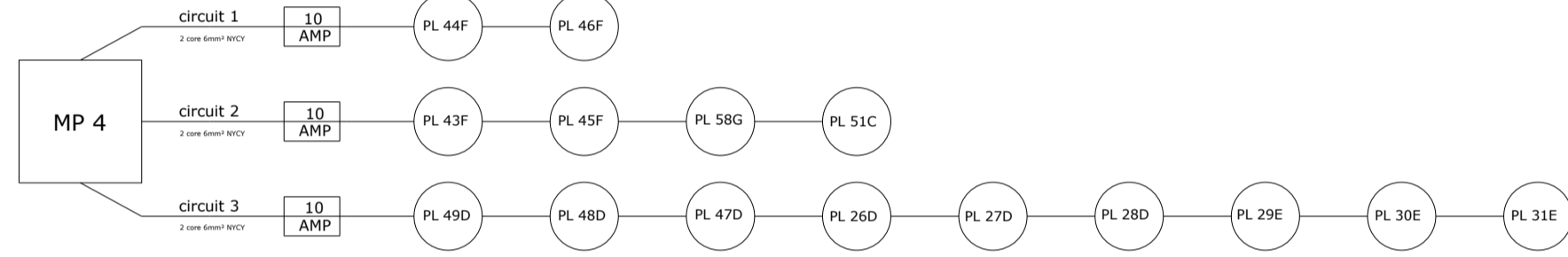
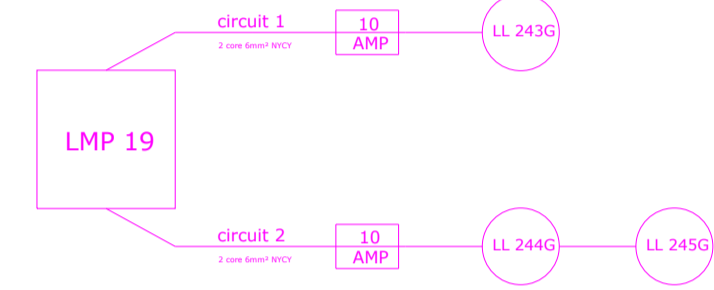
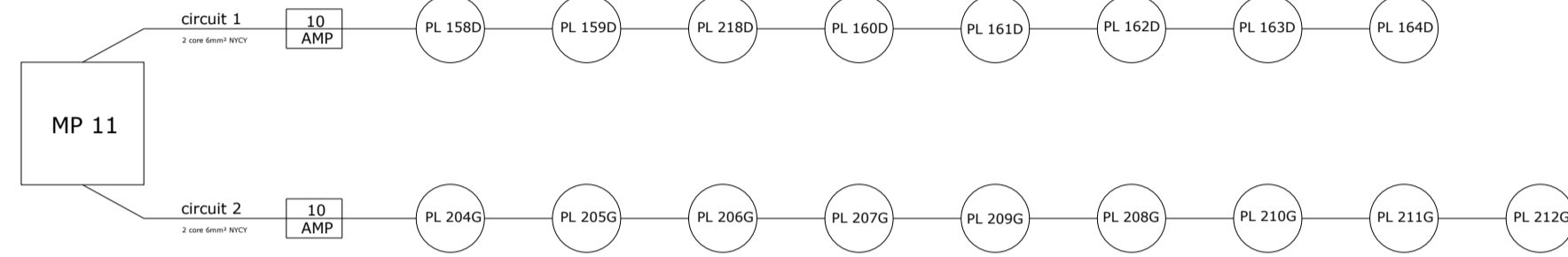
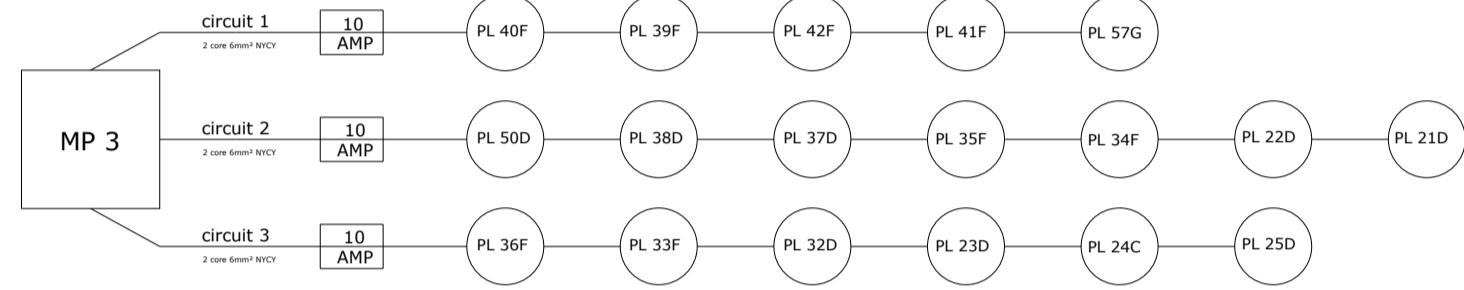
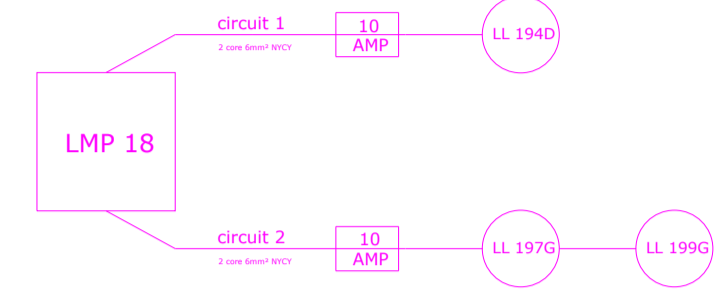
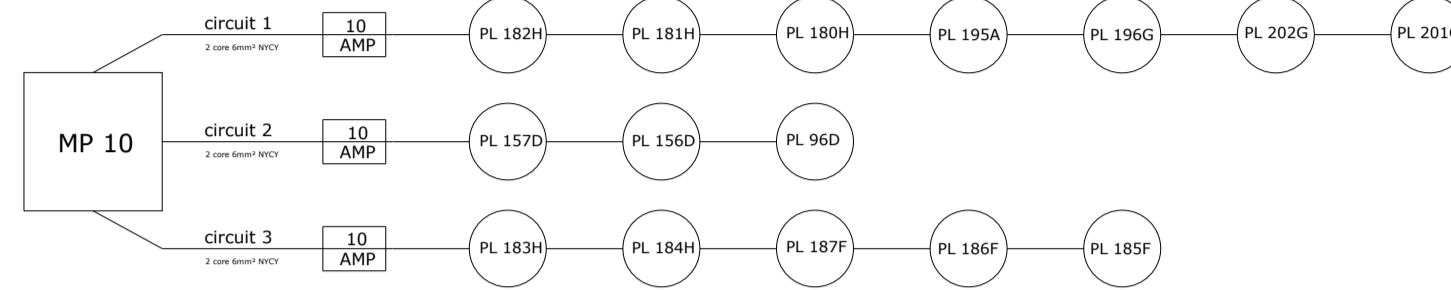
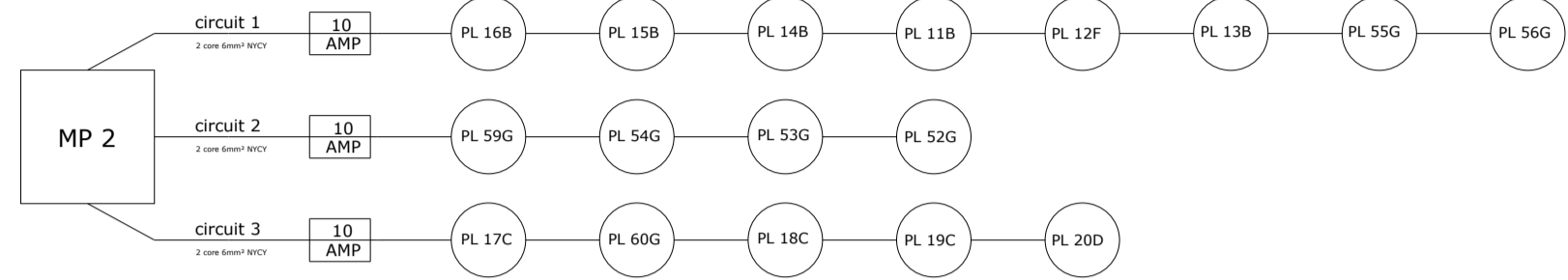
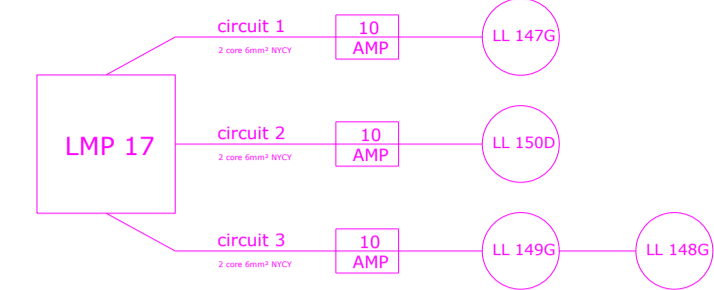
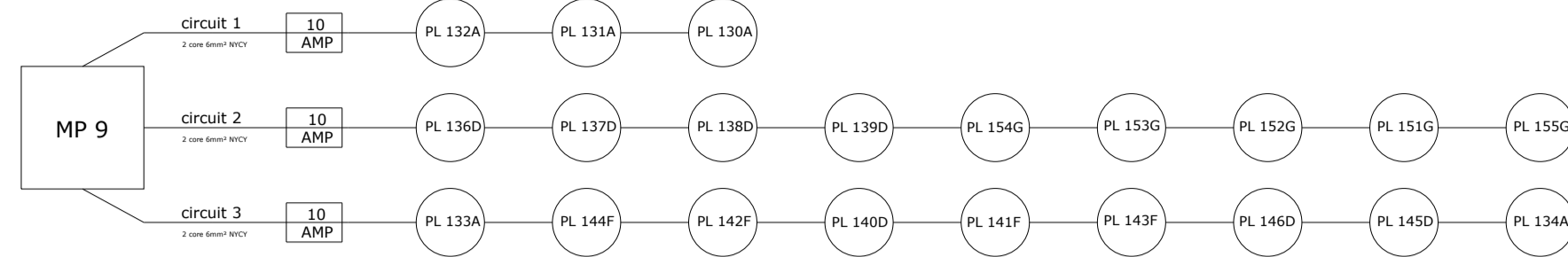
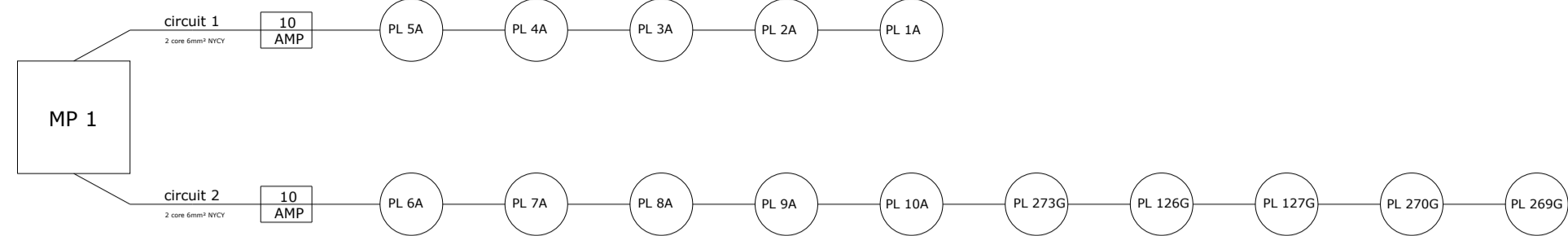
Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Public Lighting Layout		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 7	Revision: D	Drawn by: Patrick Redmond
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

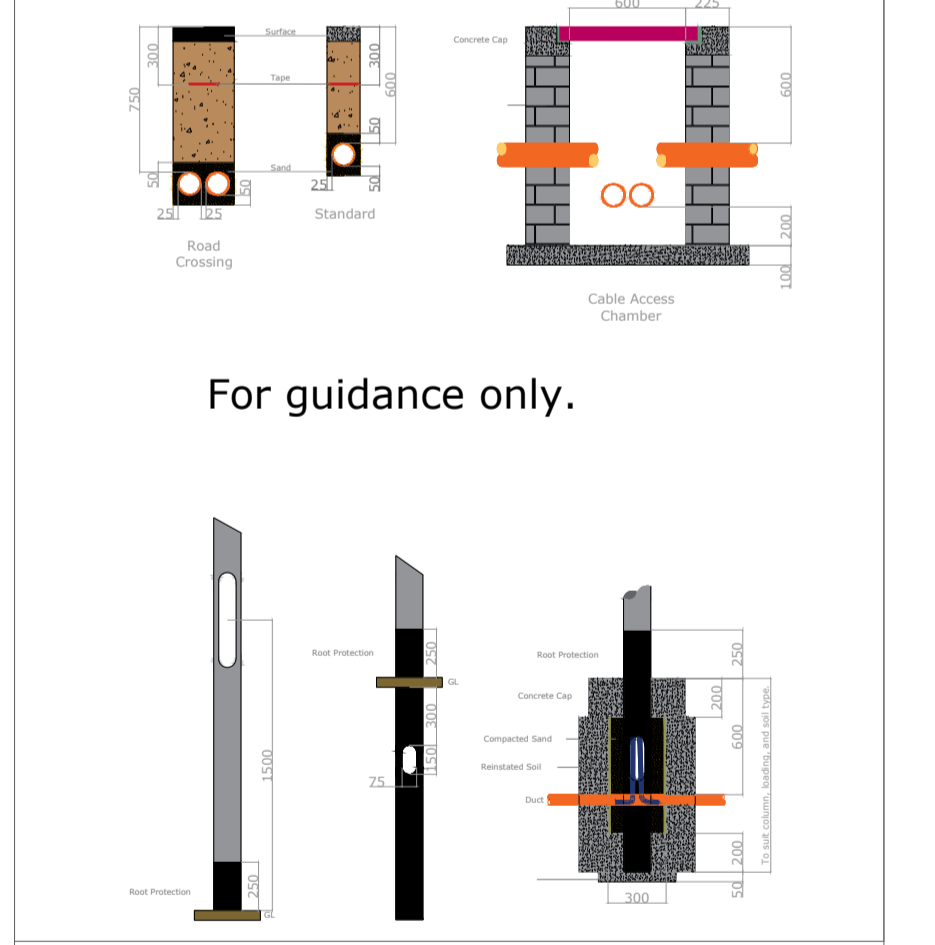


Associate Member ~ Society of Light and Lighting
Associate Member ~ Institution of Lighting Professionals



- ASD Lighting Mini HWD-#4LED1260-S4 3.21km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 22W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED440-S7 0.75km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 6W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1235-S4 1.97km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1230-S8 1.70km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 12W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED830-S7 1.17 km. Both neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on minimal outreach stub TEE bracket at five degree inclination on 6m column. 12W & 8W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED1235-S0 1.96km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED850-M1 1.69km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at five degree inclination on 6m column. 13W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED830-S7 1.17km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 6m column. 8W connected load, averaged for CLO.
- ASD Lighting Micro HWD-#4LED860-S4 2.150km in neutral white with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted on 0.5m outreach bracket with five degree inclination on 6m column. 15W connected load, averaged for CLO.

- Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Midi pillar installed and fitted out in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Midi pillar and associated infrastructure will remain private and will not be taken in charge.
- Cable access chamber constructed in accordance with South Dublin County Council specifications. Spare duct to be provided under each road and path crossing.
- Ducts and cables to be laid in accordance with South Dublin County Council specifications and I.S. 10101: 2020.
- Cable can share duct.
- Cable joints are not permitted.
- 9kV draw rope to be provided in each duct.
- No element of public lighting can stand in, or pass under, private property.



Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Electrical Schematic		
Project title: Proposed Residential Development at Boherboy		
Client: Kelland Homes Ltd. & Durkan Estates Ireland Ltd.		
Project number: 21058	Date: 12/10/21	Hard copy approved:
Drawing number: 21058 - 8	Revision: D	Drawn by: Patrick Redmond
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