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Philips BGP292 DW52 6.5klm in neutral (4000K) 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 8m column. 35W connected load, averaged for CLO.
LumStreet Gen2 Mini_BGP292_DW52_8500_40LED_5.25_CLO_190_740.ies PT U14

Philips BGP293 DW52 13.5klm in neutral (4000K) 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 8m column. 72W connected load, averaged for CLO.
LumStreet Gen2 Medium_BGP293_DW52_15500_80LED_5.25_CLO_190_740.ies PT U14

Philips BGP292 DW52 8.5klm in neutral (4000K) 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 8m column. 47W connected load, averaged for CLO.
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Philips BGP292 DM32 6.5klm in neutral (4000K) 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 8m column. 35W connected load, averaged for CLO.
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ASD Lighting HWD2-#3X08 600-S1-CLO GEN 5 1.99klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 16W connected load, averaged for CLO.

ASD Lighting HWD2-#3X12 600-N1-CLO GEN 5 1.21klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 9W connected load, averaged for CLO.

ASD Lighting HWD2-#3X12 300-S1-CLO GEN 5 1.68klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.

ASD Lighting HWD2-#3X12 300-S1-CLO GEN 5 1.68klm and HWD2-3X12 300-S4-CLO GEN 5 both in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on minimal outreach TEE bracket at zero degree inclination on 6m column. 12W connected load each, averaged for CLO.

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Midi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: 2020. Must not be placed within 2m of CSP. Will not be taken in charge.

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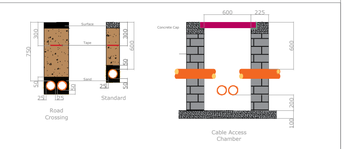

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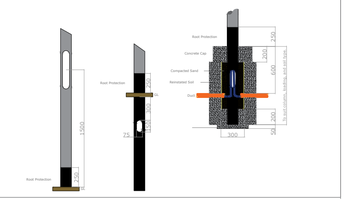

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Drawing title: Lighting Layout		
Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 1	Revision: A	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing	All dimensions in mm	
Document control: TD 09	Version: 1.0	

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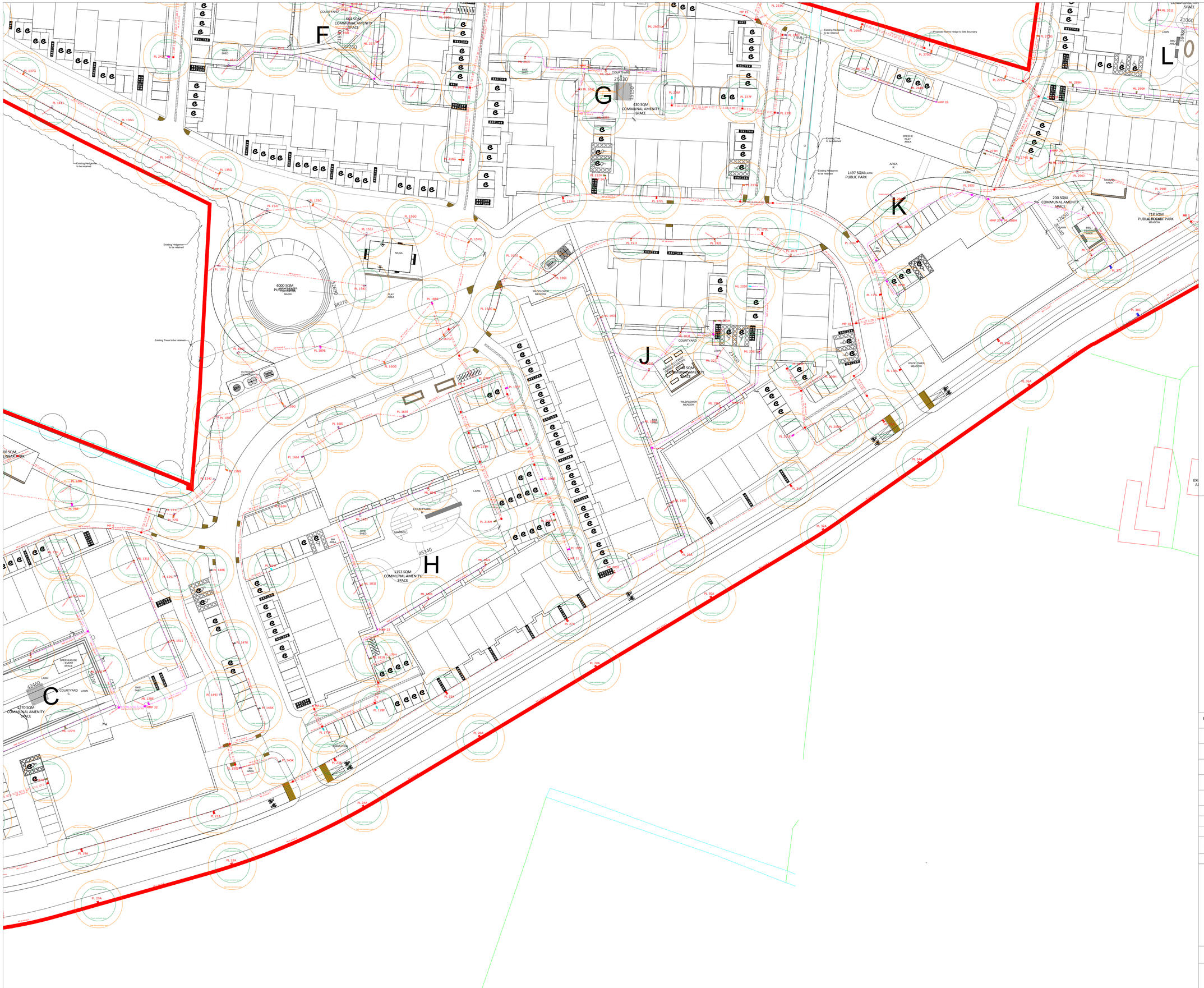

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ASD Lighting HWD2-#3X12 600-91-CLO GEN 5 2.214klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 9W connected load, averaged for CLO.

ASD Lighting HWD2-#3X12 300-51-CLO GEN 5 1.68klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.

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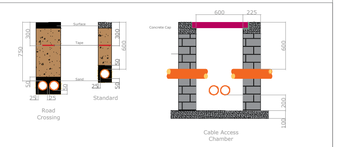

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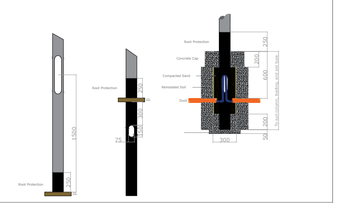

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Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 2	Revision: A	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing	All dimensions in mm	
Document control: TD 09	Version: 1.0	

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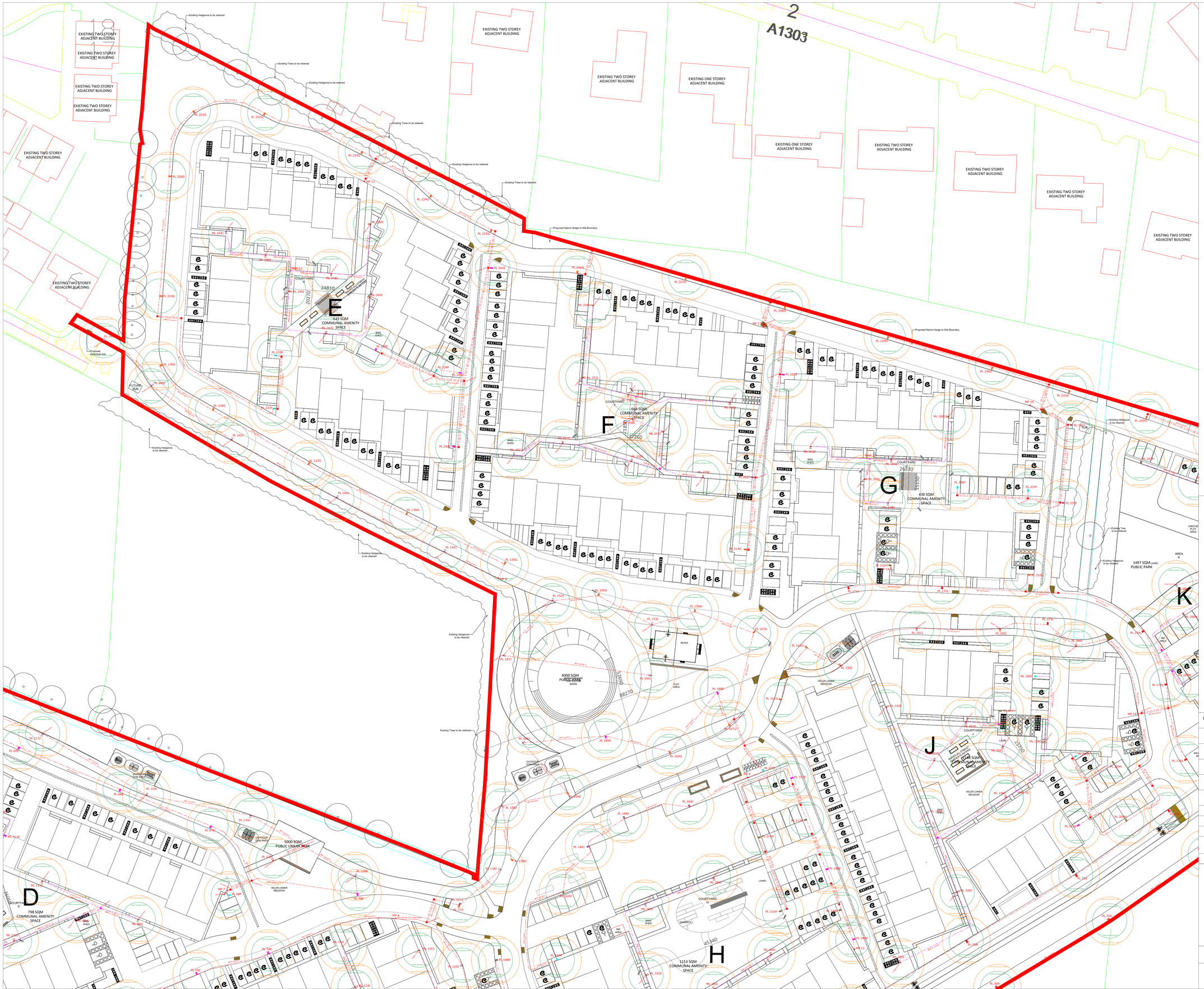

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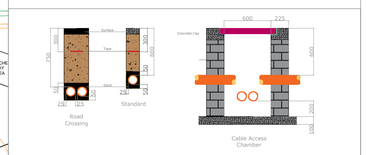

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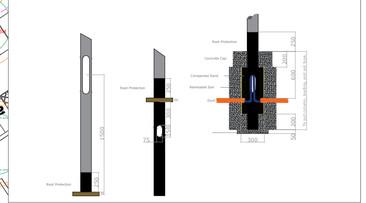

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Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 3	Revision: A	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing	All dimensions in mm	
Document control: TD 09	Version: 1.0	

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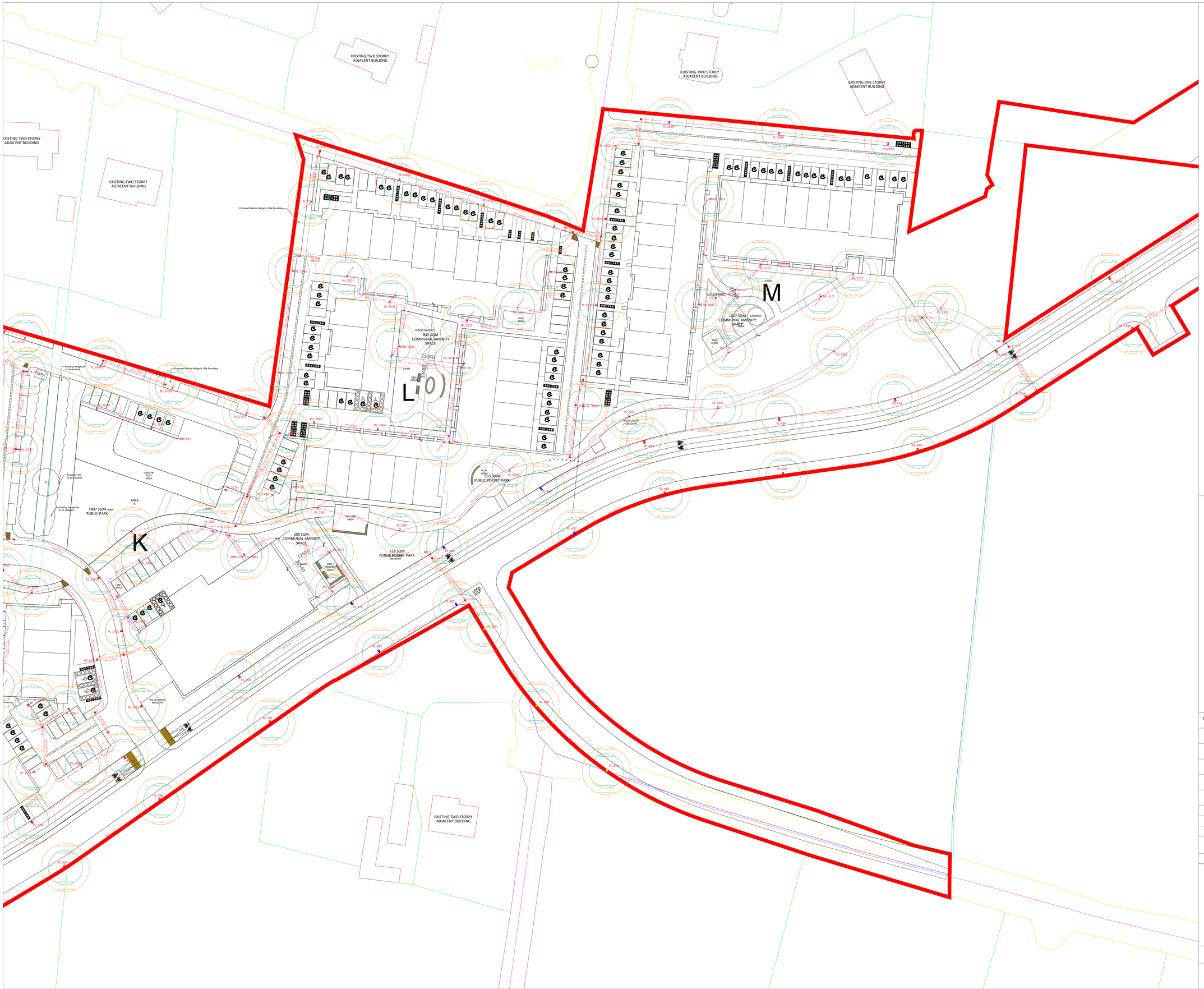

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ASD Lighting HWD2-#3K16 200-S4-CLO GEN 5 1.54kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 11W connected load, averaged for CLO.

ASD Lighting HWD2-#3K16 200-S4-CLO GEN 5 1.54kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on 1m outreach bracket at zero degree inclination on 6m column. 11W connected load, averaged for CLO.

Midi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: 2020. Must not be placed within 2m of CSP. Will not be taken in charge.

Cable access chamber constructed in accordance with Meath County Council specifications. Will not be taken in charge.

Midi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: Latest version. Must not be placed within 2m of CSP.

Midi pillar large enough to accommodate four outgoing circuits and fuses, installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: Latest version. Must not be placed within 2m of CSP.

Cable access chamber constructed in accordance with Meath County Council specifications. Spare duct to be provided at each road crossing.

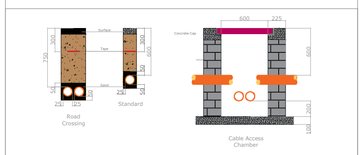
Ducts and cables to be laid in accordance with Meath County Council specifications and I.S. 10101: Latest version.

Cables can share ducts.

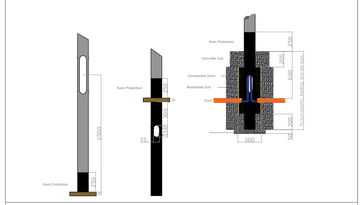
Cable joints are not permitted.

9kN draw rope to be provided in each duct.

No element of public lighting can stand on, 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: Lighting Layout		
Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 4	Revision: A	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	

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Philips BGP292 DW52 6.5kim in neutral (4000K) 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 8m column. 35W connected load, averaged for CLO.
LumiStreet Gen2 Mini_BGP292_DW52_8500_40LED_5.25_CLO_L90_740.ies PT U14

Philips BGP293 DW52 13.5kim in neutral (4000K) 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 8m column. 72W connected load, averaged for CLO.
LumiStreet Gen2 Medium_BGP293_DW52_15500_80LED_5.25_CLO_L90_740.ies PT U14

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LumiStreet Gen2 Mini_BGP292_DM32_6500_40LED_5.25_CLO_L90_740.ies PT U14

ASD Lighting HWD2-#3K08 600-S1-CLO GEN 5 1.99kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 16W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 600-N1-CLO GEN 5 1.21kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 9W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 300-S1-CLO GEN 5 1.68kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 300-S1-CLO GEN 5 1.68kim and HWD2-3K12 300-S4-CLO GEN 5 both in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on minimal outreach TEE bracket at zero degree inclination on 6m column. 12W connected load each, averaged for CLO.

ASD Lighting HWD2-#3K08 500-S4-CLO GEN 5 1.86kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 13W connected load, averaged for CLO.

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ASD Lighting HWD2-#3K08 300-N3-CLO GEN 5 1.06kim in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 9W connected load, averaged for CLO.

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Mdi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: 2020. Must not be placed within 2m of CSP. Will not be taken in charge.

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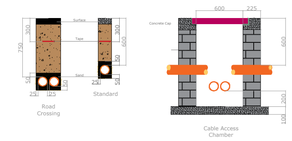
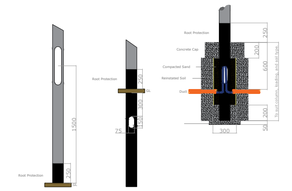


For guidance only.



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Drawing title: Lighting Layout		
Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 5	Revision: A	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	

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LumiStreet Gen2 Mini_BGP292_DM32_6500_40LED_5.25_CLO_L90_740.ies PT U14

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ASD Lighting HWD2-#3K12 300-S1-CLO GEN 5 1.68klm and HWD2-3K12 300-S4-CLO GEN 5 both in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on minimal outreach TEE bracket at zero degree inclination on 6m column. 12W connected load each, averaged for CLO.

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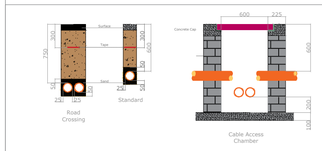

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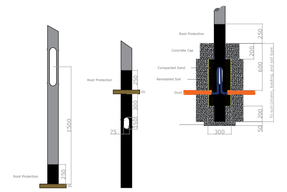

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Drawing title: Isolux Lines		
Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 6	Revision: A	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing	All dimensions in mm	
Document control: TD 09	Version: 1.0	

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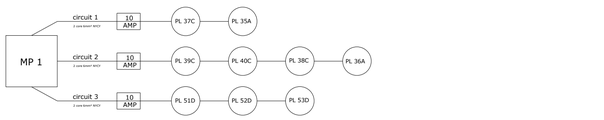

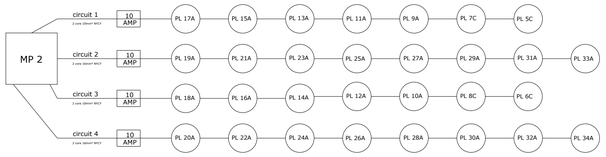

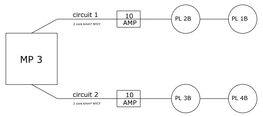

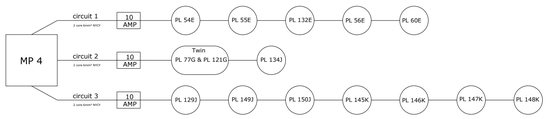

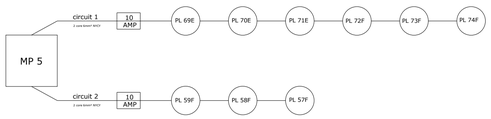

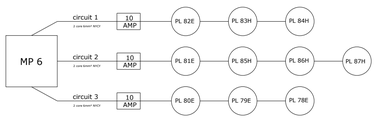

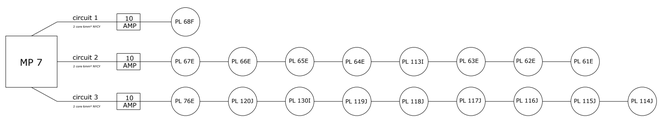

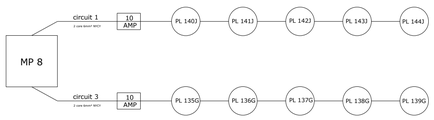

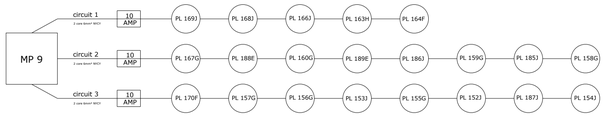

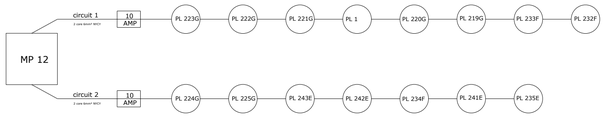

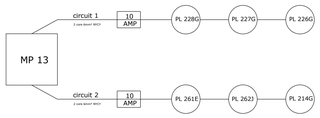

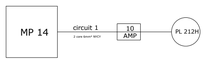

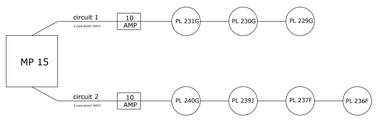

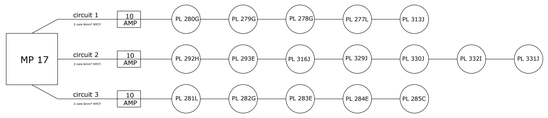

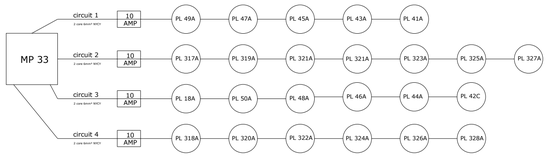

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ASD Lighting HWD2-#3K12 300-S1-CLO GEN 5 1.68klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 300-S1-CLO GEN 5 1.68klm and HWD2-3K12 300-S4-CLO GEN 5 both in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on minimal outreach TEE bracket at zero degree inclination on 6m column. 12W connected load each, averaged for CLO.

ASD Lighting HWD2-#3K08 500-S4-CLO GEN 5 1.86klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 13W connected load, averaged for CLO.

ASD Lighting HWD2-#3K08 500-S4-CLO GEN 5 1.86klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m hinged column. 13W connected load, averaged for CLO.

ASD Lighting HWD2-#3K08 300-N3-CLO GEN 5 1.06klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 9W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 300-S4-CLO GEN 5 1.68klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 12W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 300-S4-CLO GEN 5 1.68klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m hinged column. 12W connected load, averaged for CLO.

ASD Lighting HWD2-#3K12 400-M2-CLO GEN 5 1.72klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 15W connected load, averaged for CLO.

ASD Lighting HWD2-#3K16 200-S4-CLO GEN 5 1.54klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted post top at zero degree inclination on 6m column. 11W connected load, averaged for CLO.

ASD Lighting HWD2-#3K16 200-S4-CLO GEN 5 1.54klm in warm white (3000K) with 7 pin NEMA socket, DALI registered driver, and CLO. Mounted on 1m outreach bracket at zero degree inclination on 6m column. 11W connected load, averaged for CLO.

Midi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: 2020. Must not be placed within 2m of CSP. Will not be taken in charge.

Cable access chamber constructed in accordance with Meath County Council specifications. Will not be taken in charge.

Midi pillar installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: Latest version. Must not be placed within 2m of CSP.

Midi pillar large enough to accommodate four outgoing circuits and fuses, installed and fitted out in accordance with Meath County Council specifications and I.S. 10101: Latest version. Must not be placed within 2m of CSP.

Cable access chamber constructed in accordance with Meath County Council specifications. Spare duct to be provided at each road crossing.

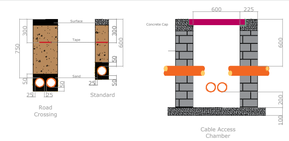
Ducts and cables to be laid in accordance with Meath County Council specifications and I.S. 10101: Latest version.

Cables can share ducts.

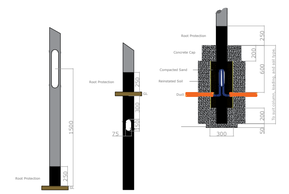
Cable joints are not permitted.

9kN draw rope to be provided in each duct.

No element of public lighting can stand on, 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: Electrical Schematic		
Project title: Ratoath South SHD		
Client: BEO Properties Ltd.		
Project number: 21068	Date: 18/5/22	Hard copy approved:
Drawing number: 21068 - 7	Revision: A	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	

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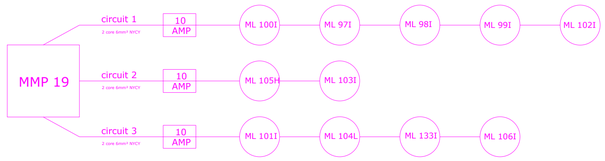

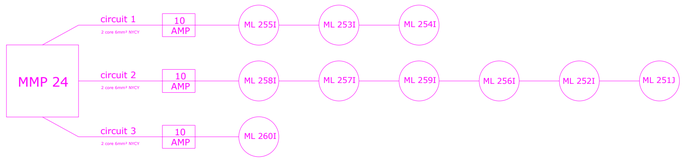

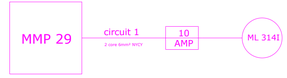

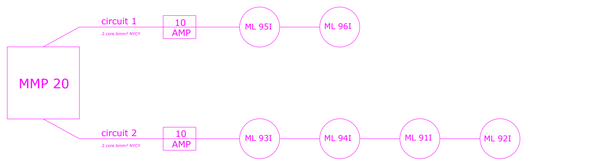

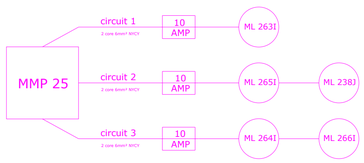

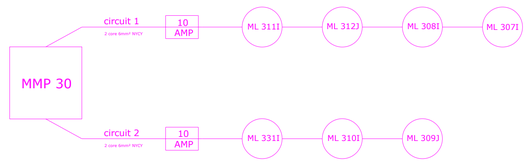

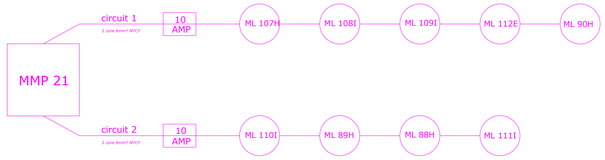

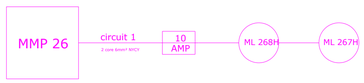

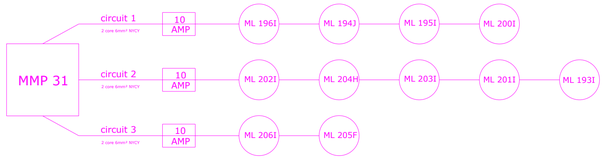

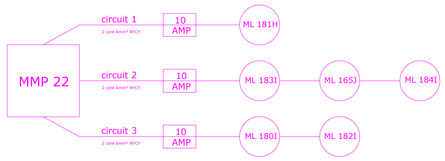

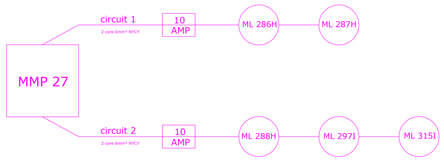

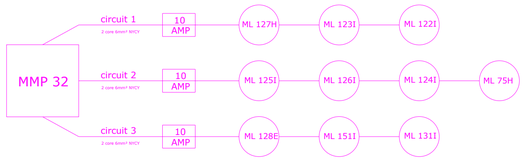

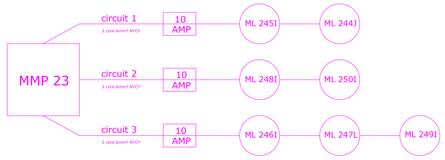

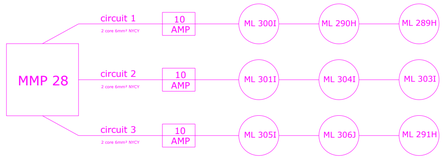

Philips BGP292 DW52 6.5klm in neutral (4000K) with 7 pin NEMA socket, DALI registered driver and CLO. Programmed to dim by 25% from 00:00 to 06:00. Mounted post top at zero degree inclination on 8m column. 35W connected load, averaged for CLO.
LumStreet Gen2 Mini_BGP292_DW52_6500_40LED_5.25_CLO_L90_740.ies PT U14

Philips BGP293 DW52 13.5klm in neutral (4000K) 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 8m column. 72W connected load, averaged for CLO.
LumStreet Gen2 Medium_BGP293_DW52_13500_80LED_5.25_CLO_L90_740.ies PT U14

Philips BGP292 DW52 8.5klm in neutral (4000K) 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 8m column. 47W connected load, averaged for CLO.
LumStreet Gen2 Mini_BGP292_DW52_8500_40LED_5.25_CLO_L90_740.ies PT U14

Philips BGP292 DM32 6.5klm in neutral (4000K) 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 8m column. 35W connected load, averaged for CLO.
LumStreet Gen2 Mini_BGP292_DM32_6500_40LED_5.25_CLO_L90_740.ies PT U14

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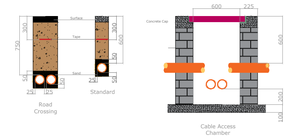

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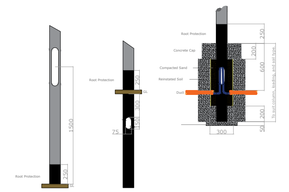

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Drawing title:
Electrical Schematic

Project title:
Ratoath South SHD

Client:
BEO Properties Ltd.

Project number:	Date:	Hard copy approved:
21068	18/5/22	
Drawing number:	Revision:	Drawn by:
21068 - 8	A	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

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