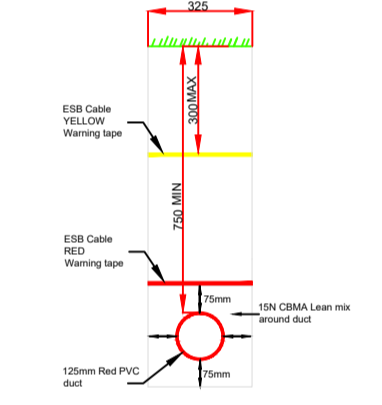
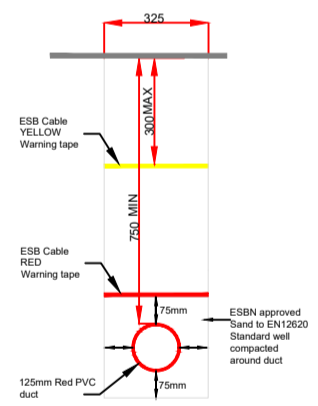


Lighting Column & Surround Details (N.T.S.)

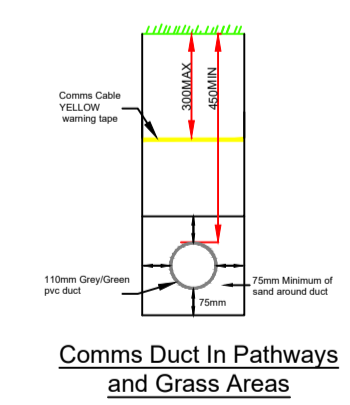
ESB Duct In Private Ground/Farmland outside Estates :  
 Ref HOUSING SCHEMES/GUIDEBOOK FOR ESB NETWORKS STANDARDS FOR ELECTRICAL SERVICES Rev.5 2014



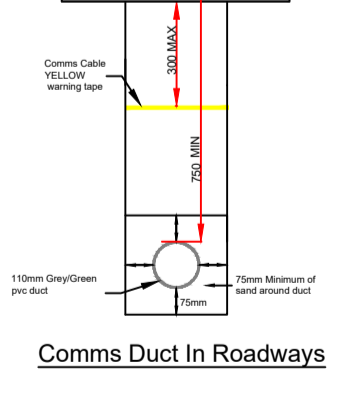
ESB Duct In Private Ground/Farmland outside Estates



ESB Duct In New & Existing Non Estates Roads



Comms Duct in Pathways and Grass Areas



Comms Duct in Roadways

**LEGEND**

- Area Subject To This Waste Licence Application (Outlined In Red)
- A** LumisStreet Gen2 Micro BGP291 20 LED DW50 4.6KLM NW lamp(s): LED-HB 5.2S 740, candelabra file LumisStreet Gen2 Micro\_BGP291\_DW50\_4600\_20LED\_5.2S\_CLO\_L90\_740.ies  
 1 lamp(s) per luminaire, 4500 initial lumens per lamp  
 Maintenance Factor = 0.760, watts per luminaire = 27  
 Outreach (from mounting axis to photometric center)= 400 mm  
 tilt angle= 5 deg  
 mounting height= 6 m  
 number locations= 9, number luminaires= 9
- B** LumisStreet Gen2 Medium BGP293 80 LED DX10 16KLM NW lamp(s): LED-HB 5.2S 740, candelabra file LumisStreet Gen2 Medium\_BGP293\_DX10\_16000\_80LED\_5.2S\_CLO\_L90\_740.ies  
 1 lamp(s) per luminaire, 16000 initial lumens per lamp  
 Maintenance Factor = 0.830, watts per luminaire = 86  
 Outreach (from mounting axis to photometric center)= 500 mm  
 tilt angle= 5 deg  
 mounting height= 8 m  
 number locations= 11, number luminaires= 11
- B** LumisStreet Gen2 Medium BGP293 80 LED DX10 16KLM NW lamp(s): LED-HB 5.2S 740, 2 luminaires per location, candelabra file LumisStreet Gen2 Medium\_BGP293\_DX10\_16000\_80LED\_5.2S\_CLO\_L90\_740.ies  
 1 lamp(s) per luminaire, 16000 initial lumens per lamp  
 Maintenance Factor = 0.830, watts per luminaire = 86  
 Outreach (from mounting axis to photometric center)= 600 mm  
 tilt angle= 5 deg  
 mounting height= 8 m  
 number locations= 2, number luminaires= 4
- C** LumisStreet Gen2 Large BGP294 160 LED DX50 36KLM NW lamp(s): LED-HB 5.2S 740, 2 luminaires per location, candelabra file LumisStreet Gen2 Large\_BGP294\_DX50\_36000\_160LED\_5.2S\_CLO\_L90\_740.ies  
 1 lamp(s) per luminaire, 36000 initial lumens per lamp  
 Maintenance Factor = 0.830, watts per luminaire = 199  
 Outreach (from mounting axis to photometric center)= 700 mm  
 tilt angle= 5 deg  
 mounting height= 10 m  
 number locations= 10, number luminaires= 20
- D** LumisStreet Gen2 Mini BGP292 40 LED DM50 8KLM NW lamp(s): LED-HB 5.2S 740, candelabra file LumisStreet Gen2 Mini\_BGP292\_DM50\_8000\_40LED\_5.2S\_CLO\_L90\_740.ies  
 1 lamp(s) per luminaire, 3487 initial lumens per lamp  
 Maintenance Factor = 0.760, watts per luminaire = 44  
 Outreach (from mounting axis to photometric center)= 400 mm  
 mounting height= 6 m  
 number locations= 2, number luminaires= 2
- 3m** CORE WALL LED17-35S PSU IP65 OA BK 28W 4000K lamp(s): XXX, candelabra file PHILIPS CORE WALL 28W 725mA 4000K.kld  
 1 lamp(s) per luminaire, 3487 initial lumens per lamp  
 Maintenance Factor = 0.760, watts per luminaire = 26  
 Outreach (from mounting axis to photometric center)= 100 mm  
 mounting height= 3 m  
 number locations= 51, number luminaires= 51
- OptiSpace Bollard BCB500 T25 1 xLED27/740 A lamp(s): LED27/740, candelabra file BCB500 T25 1 xLED27\_740 A.kld  
 1 lamp(s) per luminaire, 2700 initial lumens per lamp  
 Maintenance Factor = 0.760, watts per luminaire = 20  
 Outreach (from mounting axis to photometric center)= 0 mm  
 mounting height= 1.05 m  
 number locations= 11, number luminaires= 11

P01	03.11.23	Issued for Information	EL	PP
REV	DATE	DESCRIPTION	BY	APP

PROJECT: HOWTH FHC HARBOUR DREDGING AND RECLAMATION PROJECT WASTE LICENCE APPLICATION

TITLE: SITE LIGHTING LAYOUT

CLIENT: DEPARTMENT OF AGRICULTURE, FOOD AND MARINE



DRAWN: PD	CHECKED: FF	APPROVED: DA
PROJECT NUMBER: 19934	DATE: 03/11/2023	SCALE @ AS: 1:2000
STATUS DESCRIPTION: FOR INFORMATION		STATUS: S2

DRAWING NUMBER: 19934 - MWP - ZZ - ZZ - DR - E - 5507	REV: P01
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