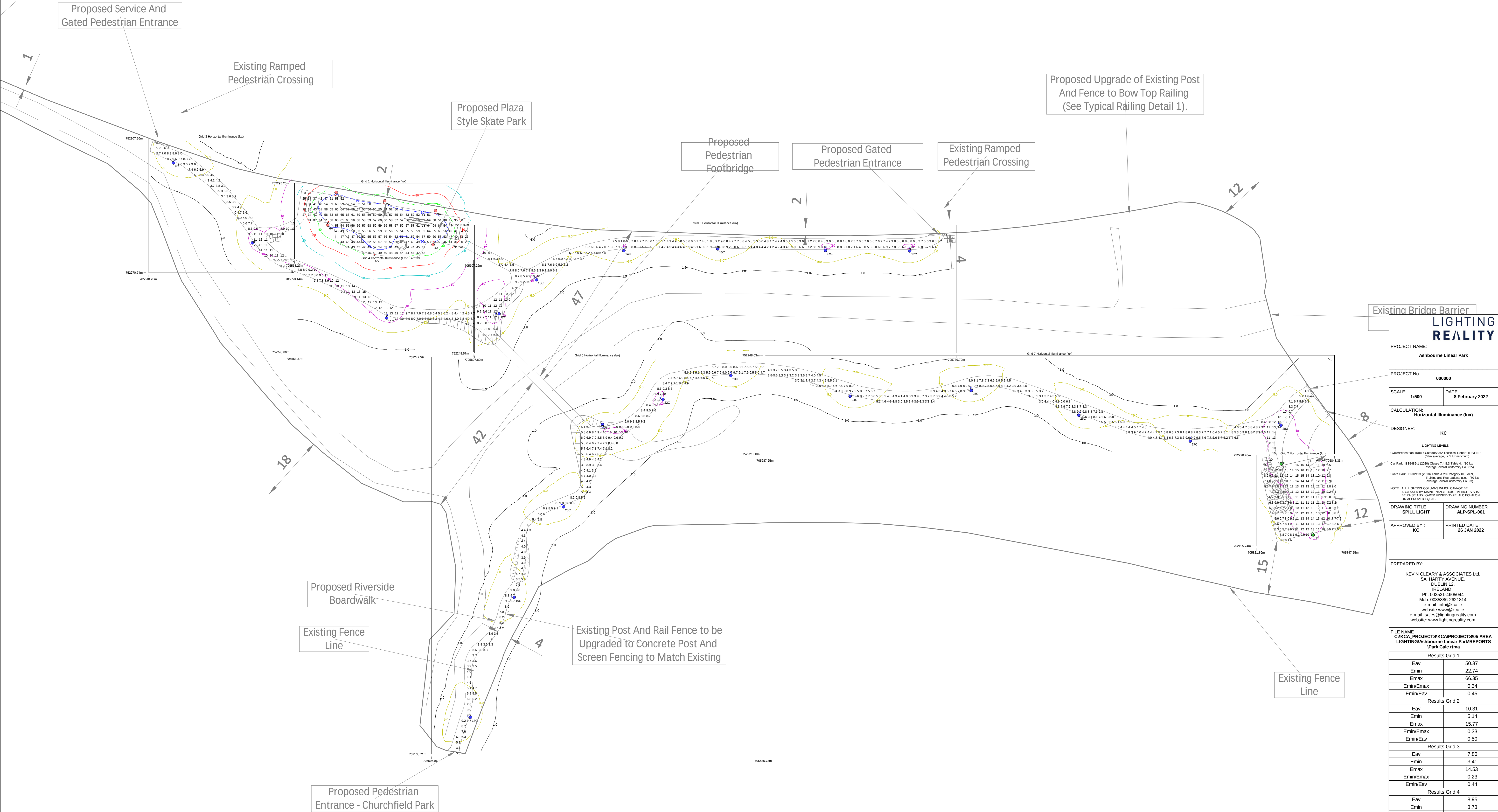


	Luminaire A	Luminaire B	Luminaire C
Supplier			
Type	BGP704 DX50	BGP703 DX50	BGP702 DM50
Lamps(s)	LED-HB 5.25 730	LED-HB 5.25 730	LED-HB 5.25 730
Lamp Flux (lm)	15.00	7.00	3.00
Maintenance Factor	0.80	0.80	0.80
No. in Project	6	2	20

Results Grid 1		Results Grid 2		Results Grid 3		Results Grid 4		Results Grid 5		Results Grid 6		Results Grid 7	
Eav	50.37	Eav	10.31	Eav	7.80	Eav	8.95	Eav	7.49	Eav	6.69	Eav	6.31
Emin	22.74	Emin	5.14	Emin	3.41	Emin	3.73	Emin	4.15	Emin	3.29	Emin	3.01
Emax	66.35	Emax	15.77	Emax	14.53	Emax	14.56	Emax	12.58	Emax	10.55	Emax	14.38
Emin/Emax	0.34	Emin/Emax	0.33	Emin/Emax	0.23	Emin/Emax	0.26	Emin/Emax	0.33	Emin/Emax	0.31	Emin/Emax	0.21
Emin/Eav	0.45	Emin/Eav	0.50	Emin/Eav	0.44	Emin/Eav	0.42	Emin/Eav	0.55	Emin/Eav	0.49	Emin/Eav	0.48



LIGHTING REALITY	
PROJECT NAME: Ashbourne Linear Park	
PROJECT No: 000000	
SCALE: 1:500	DATE: 8 February 2022
CALCULATION: Horizontal Illuminance (lux)	
DESIGNER: KC	
LIGHTING LEVELS Cycle/Pedestrian Track - Category 30 Technical Report TR23 IEP (5 lux average, 2.5 lux minimum) Car Park - BS5489-1 (2005) Chapter 4 & 5 Table 4.3.3 (min. 10 lux average, overall uniformity 0.4/0.25) Sloped Park - EN12469 (2018) Table A.28 Category II, Local (Training and Recreational area) (50 lux average, overall uniformity 0.4/0.3)	
NOTE: ALL LIGHTING COLUMNS WHICH CANNOT BE ACCESSED BY MAINTENANCE VEHICLES SHALL BE RAISED AND UNDERMINED TYPE, ALC ECHOLOM OR APPROVED EQUIVALENT.	
DRAWING TITLE SPILL LIGHT	DRAWING NUMBER ALP-SPL-001
APPROVED BY: KC	PRINTED DATE: 26 JAN 2022
PREPARED BY: KEVIN CLEARY & ASSOCIATES Ltd. SA. HARTY AVENUE, DUBLIN 12, IRELAND. PH: 003531-4605044 Mob: 0035386-2621814 e-mail: info@kca.ie website: www@kca.ie e-mail: sales@lightingreality.com website: www.lightingreality.com	
FILE NAME C:\KCA PROJECTS\KCA\PROJECTS\05 AREA LIGHTING\Ashbourne Linear Park\REPORTS\Park Calc.rtm	
Results Grid 1	
Eav	50.37
Emin	22.74
Emax	66.35
Emin/Emax	0.34
Emin/Eav	0.45
Results Grid 2	
Eav	10.31
Emin	5.14
Emax	15.77
Emin/Emax	0.33
Emin/Eav	0.50
Results Grid 3	
Eav	7.80
Emin	3.41
Emax	14.53
Emin/Emax	0.23
Emin/Eav	0.44
Results Grid 4	
Eav	8.95
Emin	3.73
Emax	14.56
Emin/Emax	0.26
Emin/Eav	0.42
Results Grid 5	
Eav	7.49
Emin	4.15
Emax	12.58
Emin/Emax	0.33
Emin/Eav	0.55
Results Grid 6	
Eav	6.69
Emin	3.29
Emax	10.55
Emin/Emax	0.31
Emin/Eav	0.49
Results Grid 7	
Eav	6.31
Emin	3.01
Emax	14.38
Emin/Emax	0.21
Emin/Eav	0.48