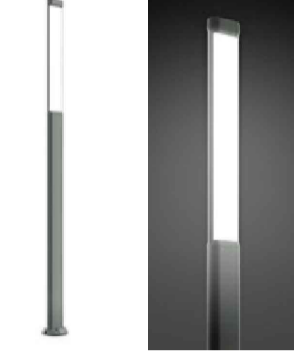




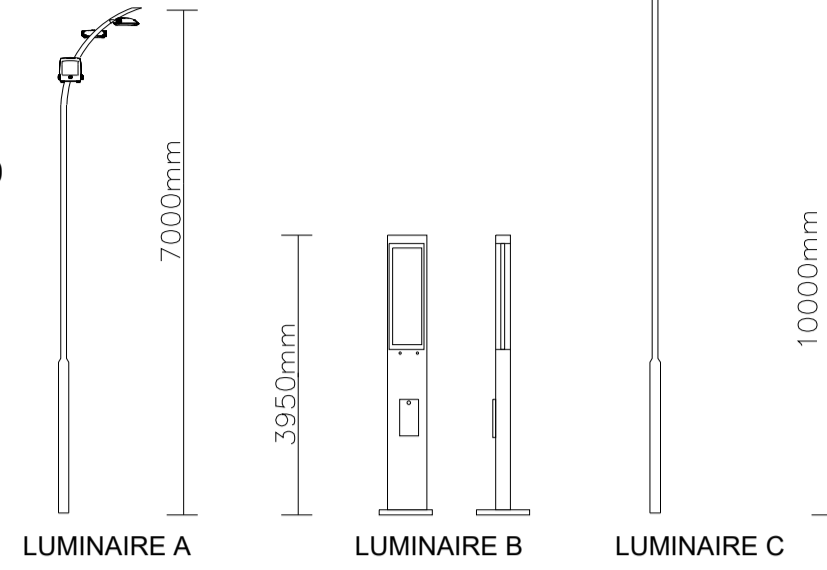
Luminaire C
LED Luminaire 15000lm 4000K
10M height column
Philips Lighting BGP704 DS50 Lamp LED-HB 5.2S 740 MF 1.00



Luminaire A
LED Luminaire 4350lm 4000K
6M height
NEOS 1 LED 5068 16 XP-G3@500mA NW 740 230V Lamp 16 XP-G3@500mA NW 740



Luminaire B
LED Luminaire 1800lm 4000K
4M height
Performance in Lighting AMON MAXI SOFT S/EW 85W 840 AN-96 1-10V Lamp 306067



TYPICAL LIGHTING DETAIL
(NOT TO SCALE)

LEGEND

- Luminaire A - LED Luminaire 3890lm 4000K
- Luminaire B - LED Luminaire 4150lm 4000K
- Luminaire C - LED Luminaire 15000lm 4000K
- Beam Aiming Target
- Photometric Centre
- Proposed power point connection for lighting into furniture
- Proposed new 110mm Underground Duct Services
- EBOX
- ESB Mini Pillar

Grid 1
Results - Horizontal Illuminance (lux)
Eav= 7.69
Emin= 2.62
Emax= 49.73
Emin/Emax= 0.05
Emin/Eav= 0.34
Emax/Eav= 6.46

Grid 2
Results - Horizontal Illuminance (lux)
Eav= 11.90
Emin= 2.38
Emax= 55.62
Emin/Emax= 0.04
Emin/Eav= 0.20
Emax/Eav= 4.67



SEE NOTE 5

SEE NOTE 6

SEE NOTE 6

SEE NOTE 6

SEE NOTE 6

SEE NOTE 6

SEE NOTE 6

SEE NOTE 6

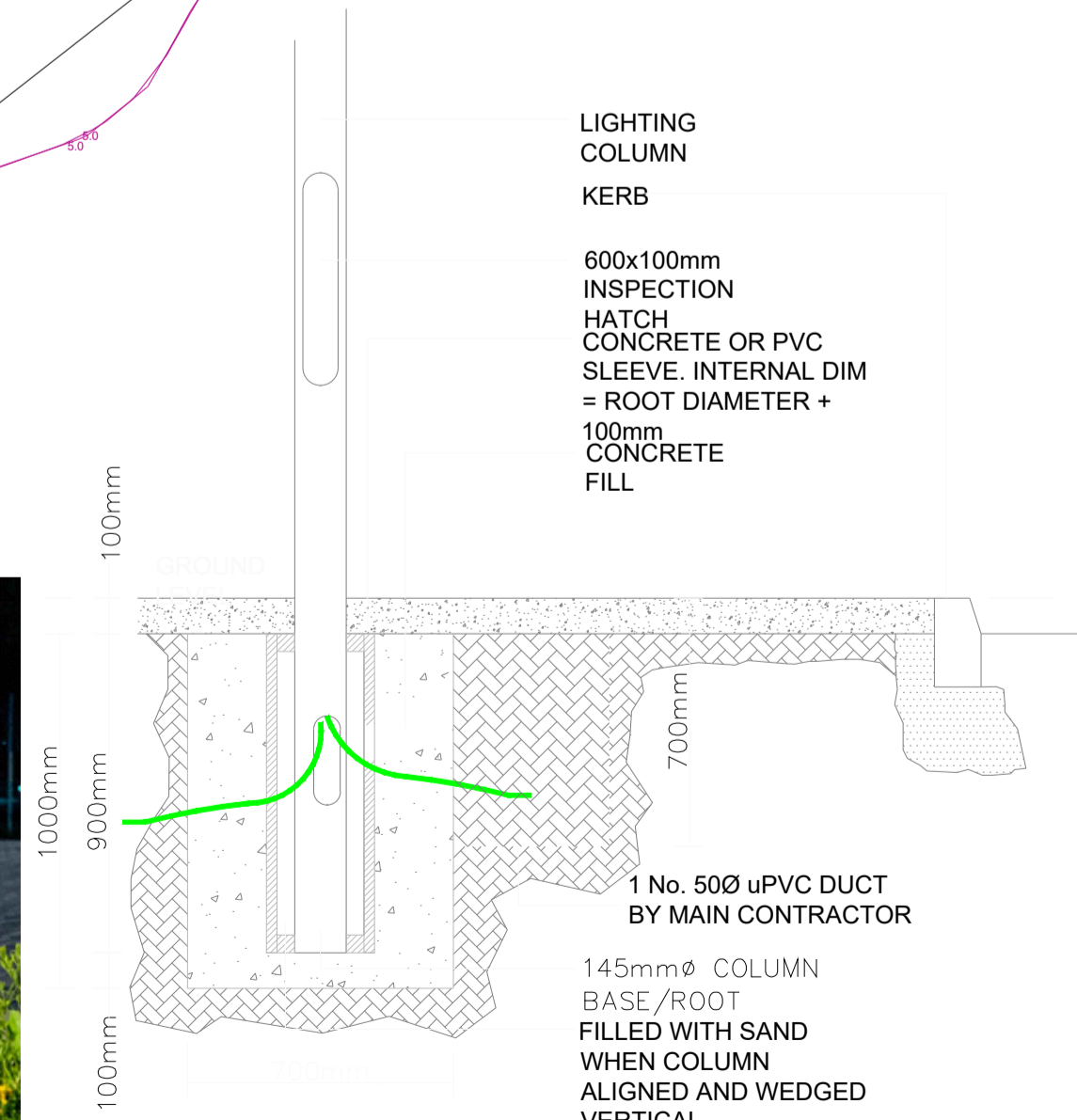
SEE NOTE 6

SEE NOTE 6

SEE NOTE 6



LOW WATTAGE LED LUMINAIRES FITTING UNDER THE BENCH



TYPICAL LIGHTING COLUMN FOUNDATION DETAIL

LIGHTING COLUMN
KERB
600x100mm
INSPECTION
HATCH
CONCRETE OR PVC
SLEEVE. INTERNAL DIM
= ROOT DIAMETER +
100mm
CONCRETE
FILL

1 No. 50Ø uPVC DUCT
BY MAIN CONTRACTOR
145mmØ COLUMN
BASE/ROOT
FILLED WITH SAND
WHEN COLUMN
ALIGNED AND WEDGED
VERTICAL



PROJECT
KILDARE MARKET SQUARE

CLIENT
KILDARE COUNTY COUNCIL

CONSULTANT
AECOM
4th Floor Adelphi Plaza,
George's Street Upper,
Dun Laoghaire,
Co Dublin
Tel: +353 (0)1 696-6220
www.aecom.com

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
- ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
- DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- NO LIGHTING FITTING UPGRADE IS REQUIRED, EXISTING LIGHTING FITTING WILL BE RETAINED.
- LOW WATTAGE LED LUMINAIRES ON BENCH ARE SUPPLIED BY THE MINIPILLAR, CONTROLLED BY TIME CLOCK ALLOCATED WITHIN MINIPILLAR.

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	08/12/2023	PART 8 ISSUE

PROJECT NUMBER

60669624

SHEET TITLE

PROPOSED PUBLIC LIGHTING LAYOUT

SHEET NUMBER

KMSQ-ACM-ZZ-00-DR-E-021001

A SITE ILLUMINATION LEVELS

0001

Scale: 1:250

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.