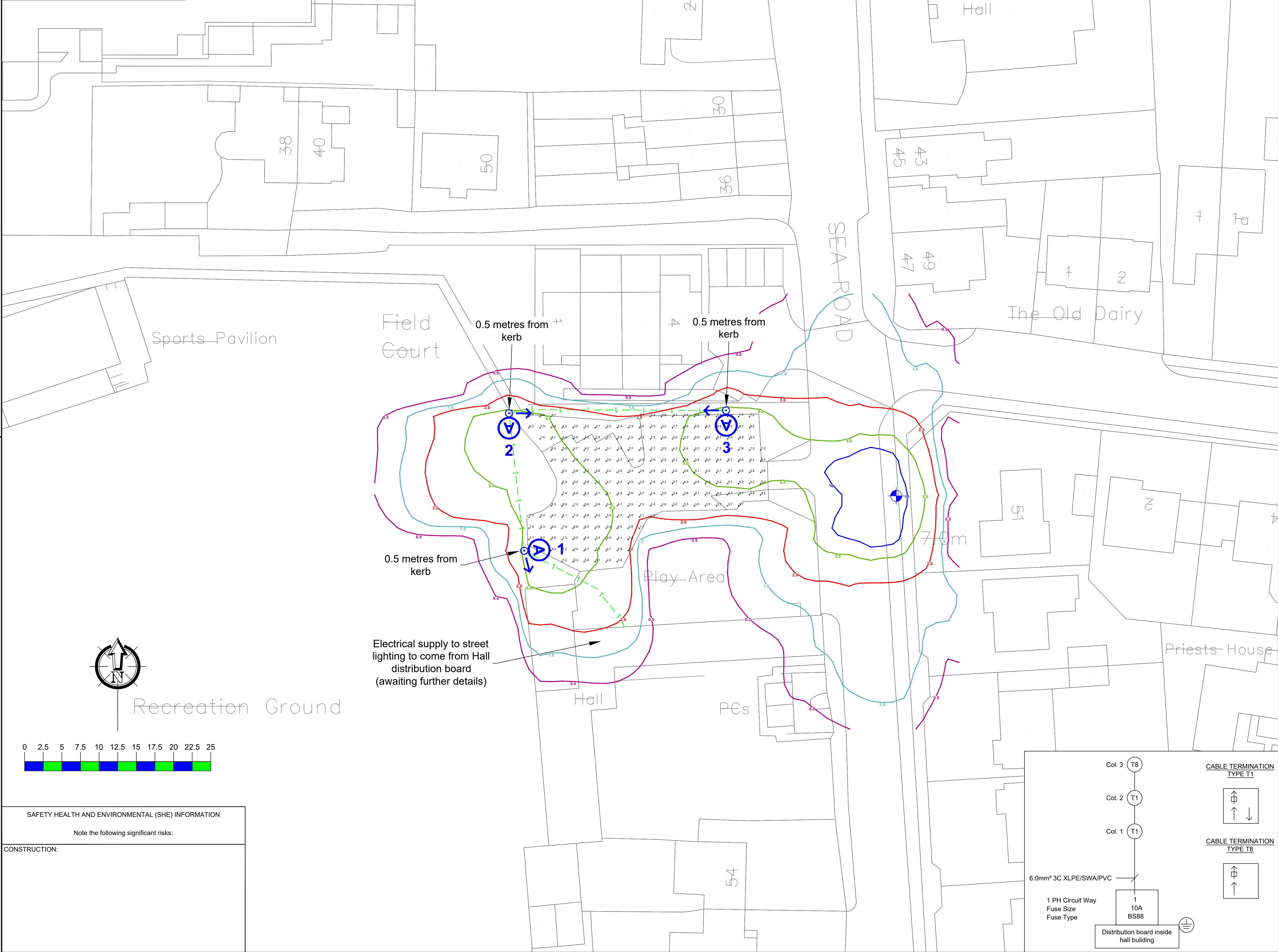


Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire Tilt	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
A	2	Proposed column	6 metres	Raise and lower stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DX10 BL1	4.00	Neutral white	23W (20 no. LEDs)	8.kg	0.021m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0023 0000 100	98 0001 0010 100
Col Ref	Eastings	Northing	Electricity Supply																			
1	507093.9	102151.1	Hall dist. board																			
2	507091.8	102169.6	Hall dist. board																			
3	507121.0	102170.0	Hall dist. board																			



Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).

Existing Street lighting column.

1-

Indicative duct route. 1 no. 100mm dia orange PVC duct.

450mm x 450mm duct access chamber.

ISO Lux Contours

10.0 Lux

5.0 Lux

2.0 Lux

1.0 LUX

0.5 LUX

Lighting designed to meet the requirements of BS5489-1:2020 Table 4 - Maintained lighting levels for outdoor car parks - Light traffic e.g. parks area of shops, terraced and apartment houses; cycle parks.

Average illuminance	5.08lx
Minimum illuminance	1.57lx
Overall Uniformity	0.31

Notes

1. Do not scale from drawing if not printed at original paper size.

2. All street lighting equipment and works to be carried out in accordance with current West Sussex County Council specification.

3. Any inaccuracies are to be reported to the Overseeing Organisation immediately.

4. Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linesearchbeforeudig.co.uk.

5. During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.

5. Columns are to be designed in accordance with BSEN40 and PD6547.

6. Columns are to be finished with 200um glass flake from root to 250mm above ground level.

7. Lighting columns to be fed by DNO supply unless otherwise shown.

8. The contractor shall liaise with the DNO in relation to the programming and coordination of any works associated with the connection and disconnection of street lighting equipment.

9. It should be assumed by the contractor that not all services have been identified during the design period. It is the responsibility of the contractor to ensure that all unidentified services are carefully located and reported.

10. Each luminaire to be fitted with Mayflower Complete Lighting control S6000 socket (NEMA).

11. Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.

12. Columns are to be factory painted

13. One Mayflower Complete lighting control DALI sub-master unit to be installed to control nodes and link central management system.

14. All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.

15. All apparatus shall be sited so as to minimise, in so far as is reasonable and practical, nuisance, danger and obstruction to all residents, businesses and users of the highway.

16. All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.

17. Trees or any other foliage on the site must not interfere with the lighting.

18. All electrical cables to be 3 core XLPE/SWA/PVC.

19. 150mm wide yellow heavy gauge PVC tape marked "Street Lighting Cable" placed over private electricity ducts / cables

20. Ducting to be 100mm dia PVC ducts coloured orange.

21. Ducting below footways to be 450mm below finished level.

22. Ducting below carriageways to be 600mm below finished level.

23. Every duct to be installed with draw cords.

24. This detailed design has been prepared in accordance with the HEA-HEMSA guidance note - CDM2015 regulations, issue 1.1, dated 09/04/15 Procedure 3: information has been supplied by the client or another Designer or the Principal Designer which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list.

B	SCALE BAR CORRECTED.	15/12/21	MWG
A	ORIGINAL ISSUE	09/11/21	MWG
REV	DESCRIPTION	DATE	BY

ENERVEO

Enerveo Lighting Design - 1st Floor, Solent Park, Walton Road, Portsmouth, PO6 1UJ

email - lightingdesign@enerveo.com

TITLE

CAR PARK STREET LIGHTING LAYOUT DRAWING

PROJECT

WARREN RECREATION GROUND CAR PARK, EAST PRESTON

SCALE

DATE

1:250 @ A1

09/11/21

PAPER SIZE

DRAWN

A1

MWG

DRAWING NUMBER

CHECKED

ENV317268-LD-001

SAB

REVISION

B