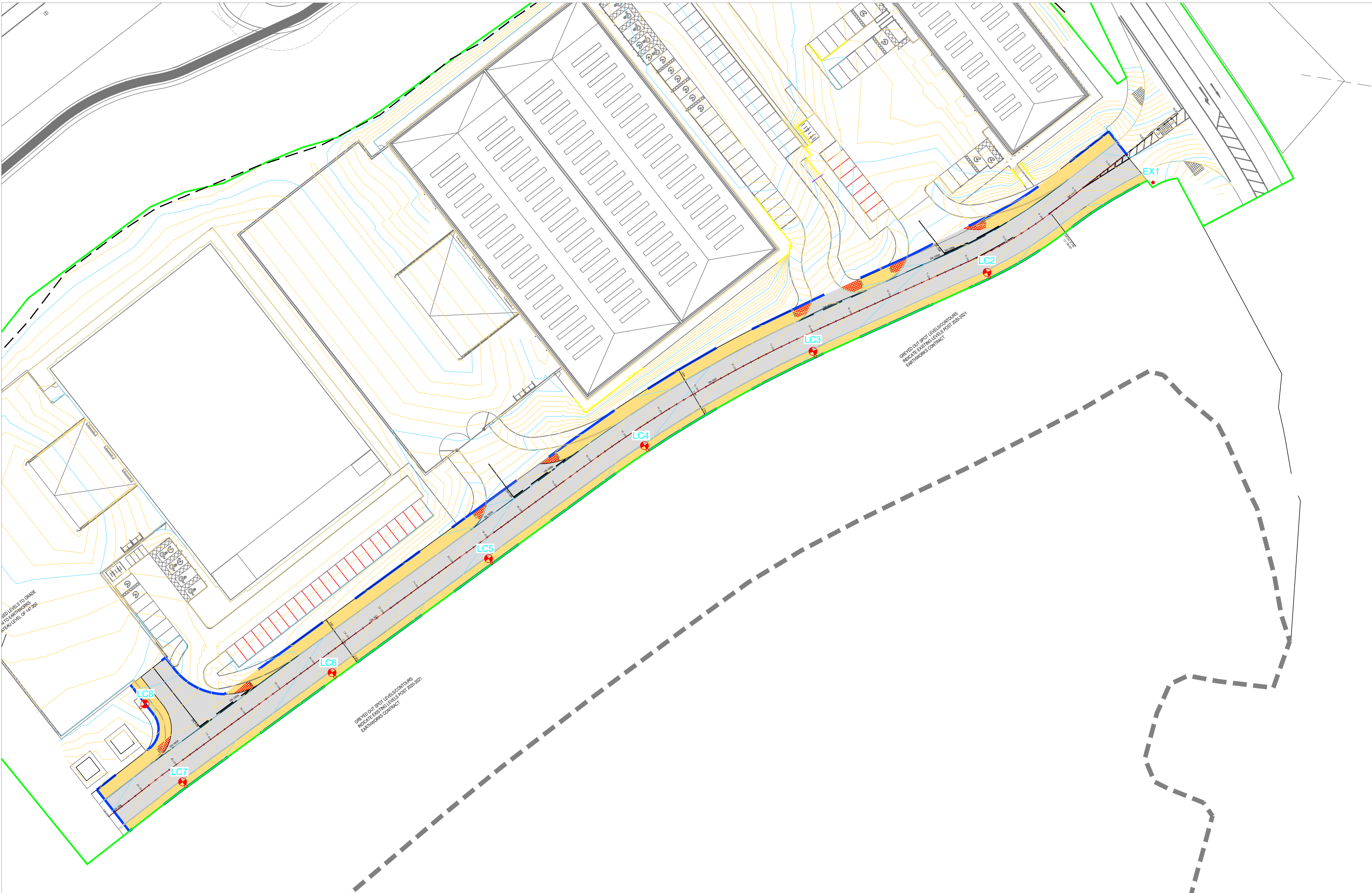


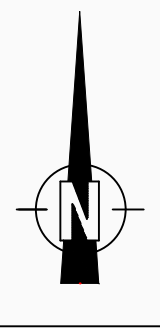


Street Lighting Notes

- Lighting column specification: column to comply with BSEN40, hot dipped galvanised steel, 140mm base, 89mm shaft, 1200mm column root planting depth, 50 year design life, 600mm x 115mm door aperture, root protection to be 2-pack extended cure epoxy MIO applied at 100µm dry film thickness & 2-pack glass re-inforced epoxy applied at 200µm dry film thickness - or similar approved by BMBC.
- Lighting column foundations to be as per the manufacturers recommendations.
- Lighting column and other highway asset symbols are not to scale and have been deliberately oversized for visibility reasons.
- Lighting columns must not be installed within 1.5m of dropped kerb areas or vehicular accesses.
- Electrical installation work is to be carried out in accordance with the requirements of the latest edition of the IET Wiring Regulations and BS7671.
- Installation to be carried out in accordance with Chapter 8 Safety at Street Works and Road Works Code of Practice.
- Developer/contractor to liaise with Distribution Network Operator (DNO) or Independent DNO (IDNO) with regards to new connections for proposed lighting columns.
- If the development is to remain private and not proposed for adoption by BMBC, developer to either add lighting columns to their own inventory, or create a management company for future maintenance on the lighting columns and energy charges.
- If proposed for adoption with BMBC, the developer will be responsible for issuing as installed drawings and electrical test certificates to BMBC.
- All proposed lighting columns shall be installed at the rear of the footway construction.
- All proposed lighting columns shall have an unmetered Single Phase and Neutral (SP&N) 25A DNO service unless otherwise stated. Proposed routes of DNO service cables/ducts to provide electrical supplies to the proposed lighting columns shall be determined and agreed with the DNO (or IDNO).
- All lighting columns with a SP&N 25A DNO service shall be fitted with a double pole isolator complete with BS88 fuse carrier(s) above the DNO cut-out to provide a means of secondary isolation.
- All new LED lanterns for installation on 8m tubular steel columns shall be able to accept a 76mm diameter post shaft and be positioned at 0 degrees to maintain the required design standards.
- Lighting has been designed to comply with BS5489-1:2020 lighting class P4.
- All materials to fully comply with the current BMBC specification, even though the street lighting may not be proposed for BMBC adoption in the future.

Street Lighting Key

- Proposed 8 metre galvanised tubular steel lighting column (see Note 1) fitted with 76mm post top mounted Urbis Axia 3.1 16LED Neutral White (4000K) 5294 optic CLO 700mA 4.79klm 36W lantern c/w Philips Xtitanium driver and 7-pin NEMA socket c/w Lucy Zodion Z Cell set to 35/18lux. Lantern to be installed with 0° inclination.
- Existing lighting column installed as part of previous phase



GENERAL ISSUE

LIVE WORKING DRAWING CURRENTLY UNDER AMENDMENT AND SUBJECT TO UNRECORDED CHANGES PRIOR TO APPROVAL.
DO NOT ISSUE THIS DRAWING

Revision	Description	Drawn By	CAD By	Approved By	Approval Date
Amendment Details					

1st Approval by: NP		13/02/22	
Drawn/Designed by: NP		CAD Drawing Creation	
		Created By: NP	Date: 11/02/22

Scale: (@A1)	1:500	(Do not scale from this drawing)
Primary:		
Secondary:		

Nathan Poundall Lighting Ltd



Drawing Number: Y20112-LTG-5000	Revision Number: (if applicable)
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Road No:	
Parish: Barnsley	

Description:
Rockingham Phase 2
Birdwell
Proposed Street Lighting