A1 1:500 10 20 30

FOR FULL TRAFFIC SIGNALS DESIGN REFER TO 4WAY CONSULTING DRAWINGS 'P0244-1193' to 'P0244-1199' & 'P0244-1200'to 'P0244-1202'

FOR FULL LIGHTING DESIGN REFER TO LEDS LTD DRAWING 'DANDARA HAWKHURST S278 Lighting Drawing A229-A268 Junction'

full hard closure for duration of the project as agreed by KCC, post office road

full hard closure for duration of section 1, phases 1 and 2

127,375.30 mm

High Friction Surfacing to be overlaid on existing carriageway surfacing dependant on quality of surface - to be agreed with KCC on site.

Kerblines built out to increase footway width at crossings

Proposed MOVA detection signalised junction. Refer to 4Way Consulting drawings P0244-1193 to P0244-1197

Proposed Sheffield cycle stands

Proposed double yellow lines to prevent parked cars on the approach to the junction

Proposed Puffin Crossing. Refer to 4Way Consulting drawings P0244-1200 & P0244-1201

BUS STOP

BUS STOP

NOTES

These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.
The residual risks identified on the DRA / drawings are based on the information available at the time of design.
Any services information indicated on PJA drawings is obtained from third parties, and is given for guidance purposes only. The exact location of any services will need to be verified by the client / contractor before commencing works on site.

GENERAL NOTES:

1. Do not scale from this drawing.
2. All dimensions in metres unless stated otherwise.
3. This drawing is to be read in conjunction with all other associated design drawings, details and specifications.
4. This drawing should be read in relation to the subject of the title, other information shown on this drawing is indicative only and reference should be made to the appropriate series drawing.
5. Any discrepancies between drawings should be brought to the attention of the engineer and clarification sought.
6. The design is based on Topographical Survey data from Survey Solutions (drawing number 42966BWLS-01-02 - September 2022).
7. OS mapping is only shown for context and indicatively. (OS License number: 0100031673)
9. The Highway Boundary has been recreated from KCC records and aligned to topographical survey features. Where none are available it aligns with OS mapping.
10. All works to be carried out in accordance with Specification for Highway Works, and Kent County Council requirements.
11. The design is preliminary and subject to discussion with the planning and highway authority.
12. The Traffic Signal Design has been carried out by 4Way Consulting, in accordance with Kent County Council Traffic Systems General Specification Issue 5.1.
13. Refer to 4Way Consulting drawings P0244-1193 to P0244-1199 for the crossroads signal design, and drawings P0244-1200 to P0244-1202 for the Rye Road puffin crossing signal design.
14. The geometric design of the junction has been updated to maximise footway space at crossing points.
15. Swept path analysis has been carried out using the maximum length articulated vehicle allowed in the UK.
16. All vehicle tracking has been undertaken at a speed of 10Kph.
17. Stopping Sight Distance (SSD) has been obtained from Manual for Streets. The design speed of 30mph derived a SSD of 43m (adjusted for bonnet length).

GENERAL KEY:

- Highway Boundary (from records)
- Highway Boundary (from site features)
- S278 Works Boundary
- Proposed Channel & Back of Kerb
- Proposed Tactile Paving
- Signal Head Visibility Splay
- Proposed Gully & Connection
- Proposed Catchpit & Connection
- Carriageway Surface & Binder Course
- Carriageway Surface Course
- Black High Friction Surfacing
- Footway Surface Course
- Full Depth Footway Construction
- Natural Stone Slab Footway Construction
- Lighting Column

TRAFFIC SIGNALS KEY:

- *Traffic signal pole**
- *Swan neck traffic signals pole**
- *3 aspect RAG traffic signal head with primary visors*
- *3 aspect RAG traffic signal head with secondary visors*
- *CCTV camera*

**Refer to 4Way drawings for exact specifications*

REV	DATE	REVISION NOTE	BY
A04	15/09/2023	Carriageway surfacing updated	GL
A03	29/08/2023	Updated following KCC Signals comments	GL
A02	08/08/2023	Traffic Signals Design updated.	GL
A01	03/08/2023	Updated following KCC Technical Review and Signals Design comments.	GL
A0	07/02/2023	FIRST ISSUE	GL

PJA
Seven House - High Street
Longbridge - Birmingham
B31 2UQ - Tel: 0121 475 0234
Birmingham - Bristol
Exeter - London - Reading
pja.co.uk

CLIENT
Dandara South East Ltd

PROJECT
Land East of Highgate Hill
Hawkhurst

DRAWING TITLE
A268 / A229
Traffic Signals
General Arrangement

DRAWING ISSUE STATUS
APPROVAL

PJA JOB No.	SUB-CODE	DRAWING NO.	REVISION
04609	B	0100	A04

Revision Letter : P - Prelim / A - Approval / T - Tender / C - Construction

BIM DRAWING REFERENCE

SCALE	DRAWN	REVIEWED	DATE
A1@1:500	GL	NS	07/02/2023

A268 - A229 TRAFFIC SIGNALS DRAWINGS	
DRAWING No	TITLE
04609-B-0100	General Arrangement
04609-B-0101	Engineering Plan
04609-B-0110	Visibility
04609-B-0120	Vehicle Tracking
04609-B-0200	Site Clearance
04609-B-0500	Drainage Layout
04609-B-0550	Existing Services
04609-B-0600	Earthworks
04609-B-0700	Pavement Construction
04609-B-0710	Highway Construction Details
04609-B-0720	Contour Plan
04609-B-0730	Long & Cross Sections
04609-B-1100	Kerbs, Footways & Paved Areas
04609-B-1200	Road Markings & Traffic Signs
04609-B-2600	Setting Out
04609-B-S278	Section 278 Coloured Plan

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