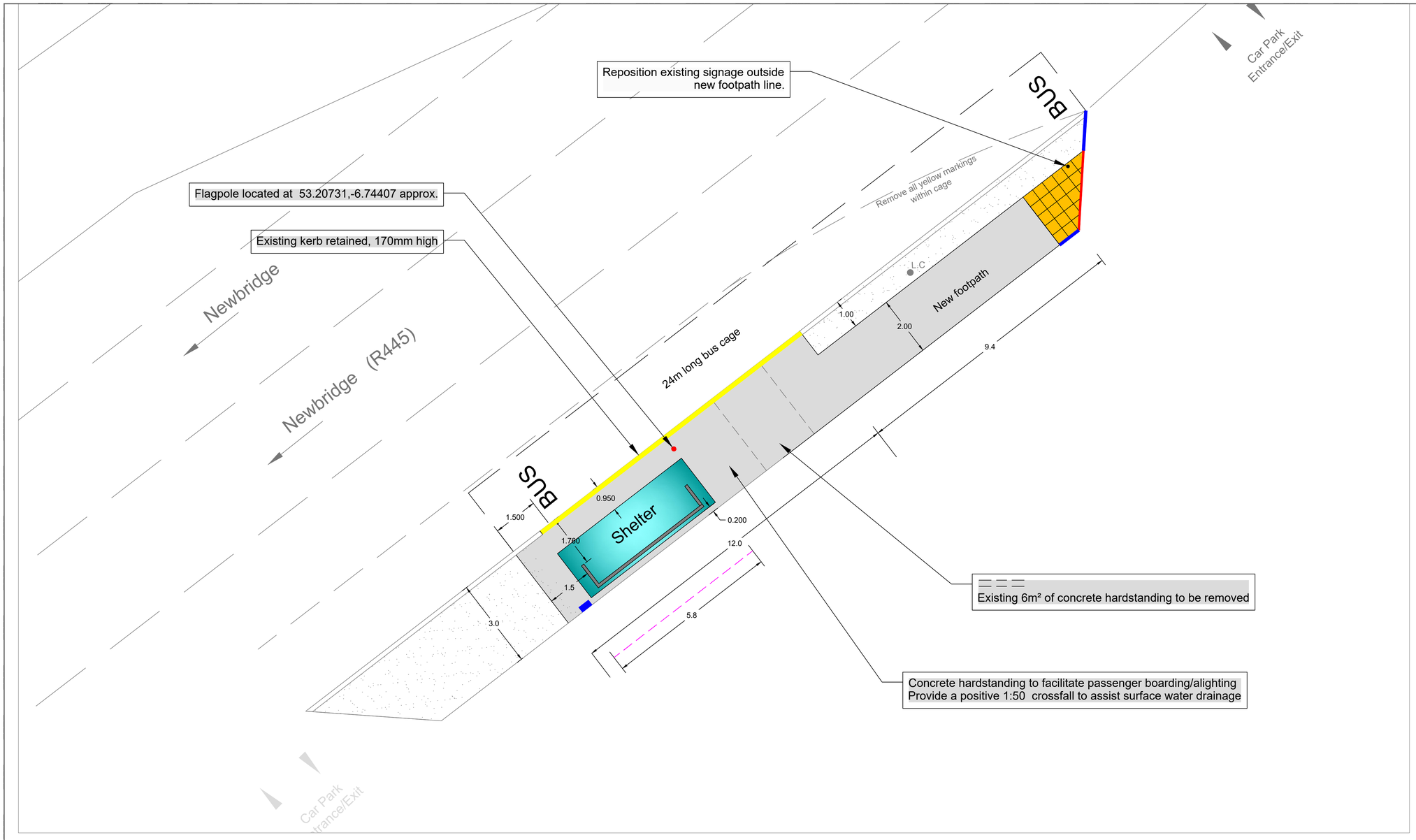

Figure 1 - Layout Plan
proposed new Bus Shelter/Boarding platform

Figure 2 - Bus shelter example

Key Plan - Street Map

DRAFT CONCEPT DESIGN - FOR COMMENT

Notes:

1. No dimensions to be scaled from this drawing.
2. All sizes to be checked on site and any discrepancies to be reported to the engineer.

Key:

- New footway / hardstanding construction (concrete) Area =50m²
- Proposed planting
- R.G Existing Gully
- Existing road markings
- Proposed Transition Kerb - 6mm upstand to 125mm
- Proposed Crossing kerb - 6mm upstand max.
- Proposed concrete block paving (200 x 100 x 50mm). laid 100mm deep to the rear of crossing kerbs. Blocks to be painted with a weather/slip resistant paint or resin, in a contrasting colour to the hardstanding.
- Proposed weather/slip resistant paint or resin in a contrasting colour to the hardstanding
- Existing bus stop pole to be removed
- L.C Existing lighting column
- Existing sign
- Setting out reference point
- Proposed Bus Stop cage - RPM 030 - 1.0m mark,1.0m gap, 100mm wide - 1.6m text (24m long cage required)
- Service cover
- New Micro Pillar. Direction of connection route to nearest ESB Pole or mini-pillar to be agreed with ESB prior to commencement of works onsite.
- Buff Tactile Blister Paving (400 x 400mm) 3.5m² approx. Desired gradient 1:20. Dropped kerb with max. upstand of 6mm/or flush. Reinstate carraigeway as result of any new kerb works

Electrical Supply Requirements.

A.
Power supply to the shelter must be from the nearest single phase ESB Networks suppy point. Only ESB approved ducting may be used: 63mm outside diameter for duct runs no longer than 12m and 110mm outside diameter for duct runs longer than 12m.

B.
The duct must be located 600m below the final pavement level. Please note ESB yellow marker tape must be installed at 300mm below finished ground level, over the electrical duct. The tape must be wider than the electrical service. Aditionally where the electrical duct is installed in the carraigeways and grassed areas ESB red marker strip is to be used at a mnimum distance of 75mm above the duct,and is to be wider than the electrical service.

C.
A suitable draw rope for installation of supply cable must be left in place in the duct to facilitate later cable installation.

D.
No part of the public lighting network can be used in supplying the shelter and the shelter cannot be connected to a public lighting mini-pillar.

Bus Shelter construction.
Please refer to JC Decaux design details for the shelter structure, including foundaion and structure design

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANISATION.
3. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
4. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
5. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR

No.	Date	Issue / Revision	Chkd.
2			
1			

Project:
NTA & KCC Bus Shelter Programme.

Proposed Installation of new Bus Shelter and platform at SB stop 103871
Toughers - Newbridge - Co. Kildare

Dwg. Title:
Toughers, Newbridge, Co. Kildare
Bus Stop 103871 General Arangement

Dwg. No.	Rev.	Stage:
9		Section 38
		PART VIII
		TENDER
		CONTRACT

Date:	Scale:
17/07/2023	NTS
Drawn: P.K	Approved: D.McCk

Transport, Mobility & Open Spaces
A/Director of Services - Celina Barrett
Senior Engineer - Donal Hodgins, BA, BAI, MIEI, C.Eng
Kildare County Council, Comhairle Chontae Cill Dara
Áras Chill Dara, Devoy Park, Naas, Co.Kildare
T:+353-45-980424 F:+353-45-980420 E: roads@kildarecoco.ie