

Figure 3 - Identification map

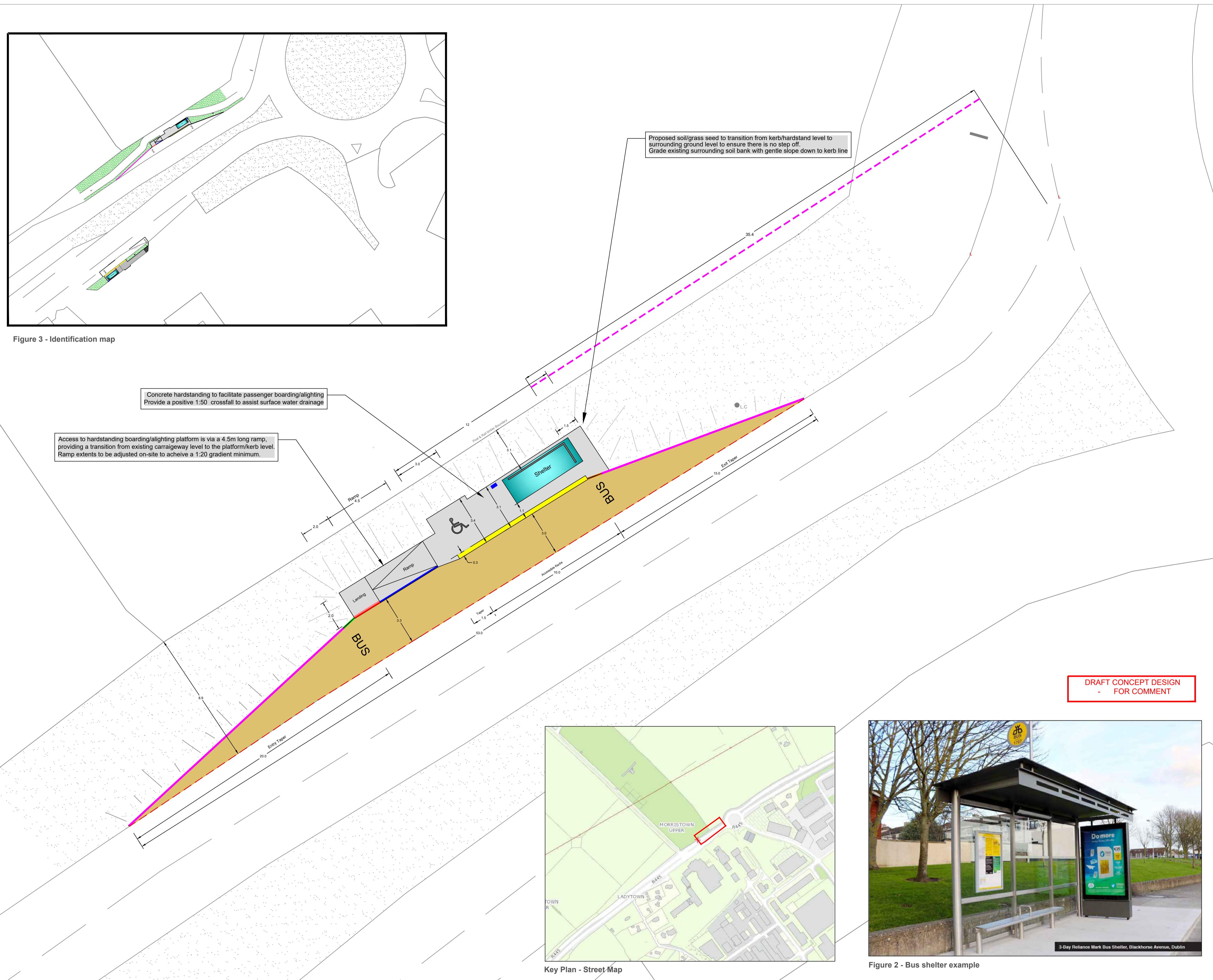


Figure 1 - Layout Plan proposed new Bus Shelter/Boarding platform



Key Plan - Street Map

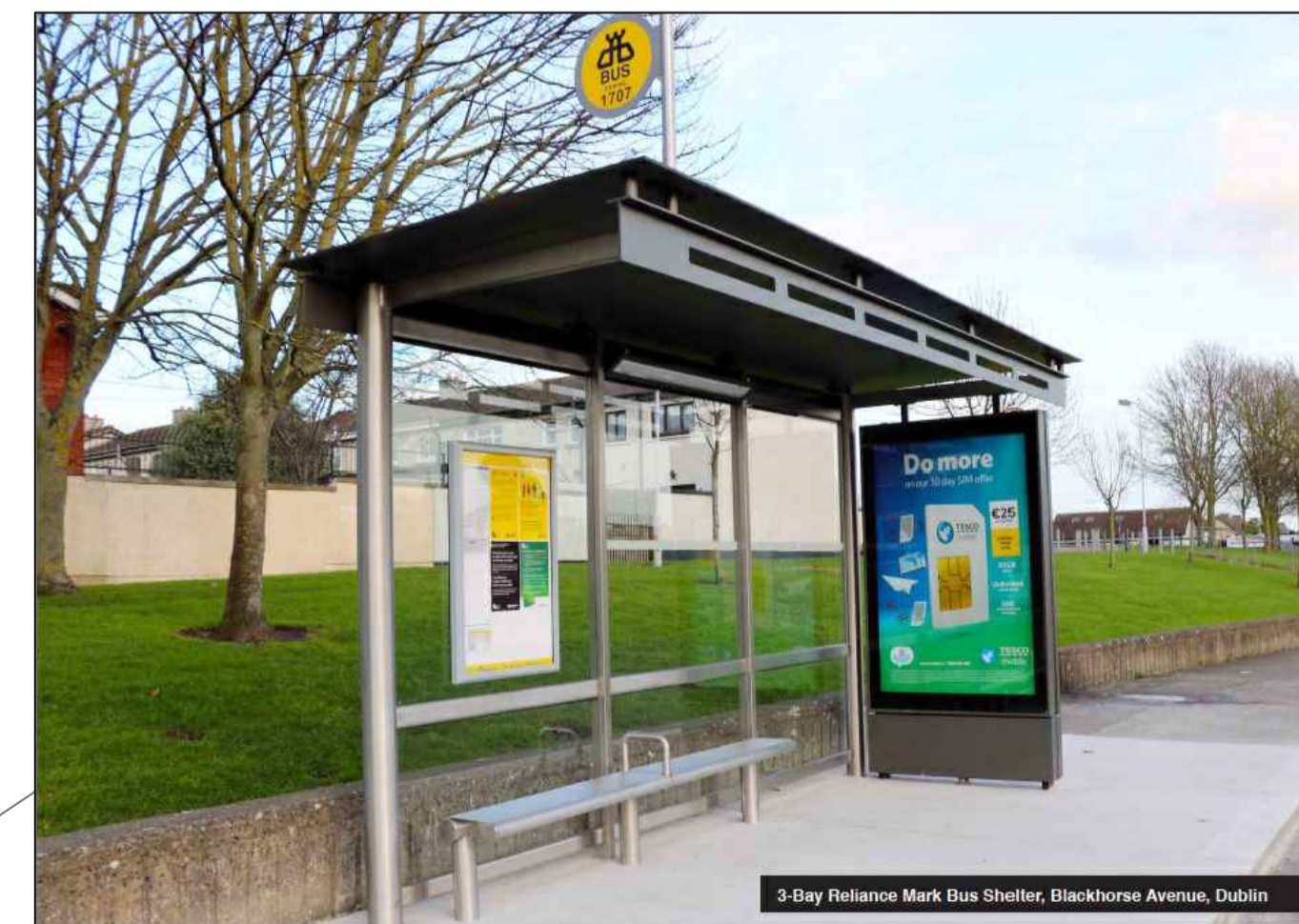


Figure 2 - Bus shelter example

- Notes:
- No dimensions to be scaled from this drawing.
 - All sizes to be checked on site and any discrepancies to be reported to the engineer.
- Key:
- New footway / hardstanding construction (concrete) Area = 51m²
 - Proposed planting
 - R.G Existing Gully
 - Existing road marking
 - Accessible kerbing - 160mm max upstand. Provide weather/slip resistant paint or resin in a contrasting colour to the hardstanding along boarding zone.
 - Transition kerb 125mm upstand - 160mm to 125mm
 - Proposed Transition Kerb - 6mm upstand to 160mm
 - Proposed Crossing kerb - 6mm upstand
 - 125mm HB Kerbing
 - Transition Kerb - 6mm to 125mm
 - 53m Existing cast in situ kerbing to be removed
 - 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.
 - New Lay-By, Area = 110m²
 - 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.

- Electrical Supply Requirements.**
- A. Power supply to the shelter must be from the nearest single phase ESB Networks supply 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 600mm 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. Additionally where the electrical duct is installed in the carriageways and grassed areas ESB red marker strip is to be used at a minimum 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 foundation and structure design

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

DRAFT CONCEPT DESIGN
- FOR COMMENT

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1			
No.	Date	Issue / Revision	Chkd.

Project:
NTA & KCC Bus Shelter Programme.
Re-location of stop 104161
Proposed Installation of new Bus Shelter and platform at Toughers - Newbridge - Co. Kildare

Dwg. Title:
Toughers, Newbridge, Co. Kildare
Bus Stop 104161 General Arrangement
Stop Re-location

Dwg. No.	8	Rev.	Stage:
Date:	17/07/2023	Scale:	NTS
Drawn:	P.K	Approved:	D.McCk
			Section 01
			PART VII
			TENDER
			CONTRACT