

Stage 2 Road Safety Audit – Designer’s Response

September 2021

1 INTRODUCTION

- 1.1 A Stage 2 Safety Audit of the proposed highway works and internal highway layout associated with the proposed development of 52 dwellings at Meadow Road, Neath has been undertaken by J Bartlett Consulting Ltd (September 2021).
- 1.2 This document serves as a designer’s response to any problems identified by the Auditors and confirms where further works may be required.
- 1.3 This document should be read in conjunction with the Stage 2 Audit Report ref: JonesB/1256.

2 ITEMS RAISED AT STAGE 2 ROAD SAFETY AUDIT

- 2.1 -
- 2.2 *Site Access – Vehicle parking within visibility envelope of the junction*

It is considered vehicles will not park directly adjacent to the proposed site access. Furthermore, MfS advises ‘*Parking in visibility splays in built-up areas is quite common, yet it does not appear to create significant problems in practice*’.

It is therefore suggested this situation be monitored and any action undertaken further to a Stage 3 or Stage 4 RSA.

- 2.3 *No issues.*
- 2.4 *Site Access – No pedestrian crossing facilities indicated*

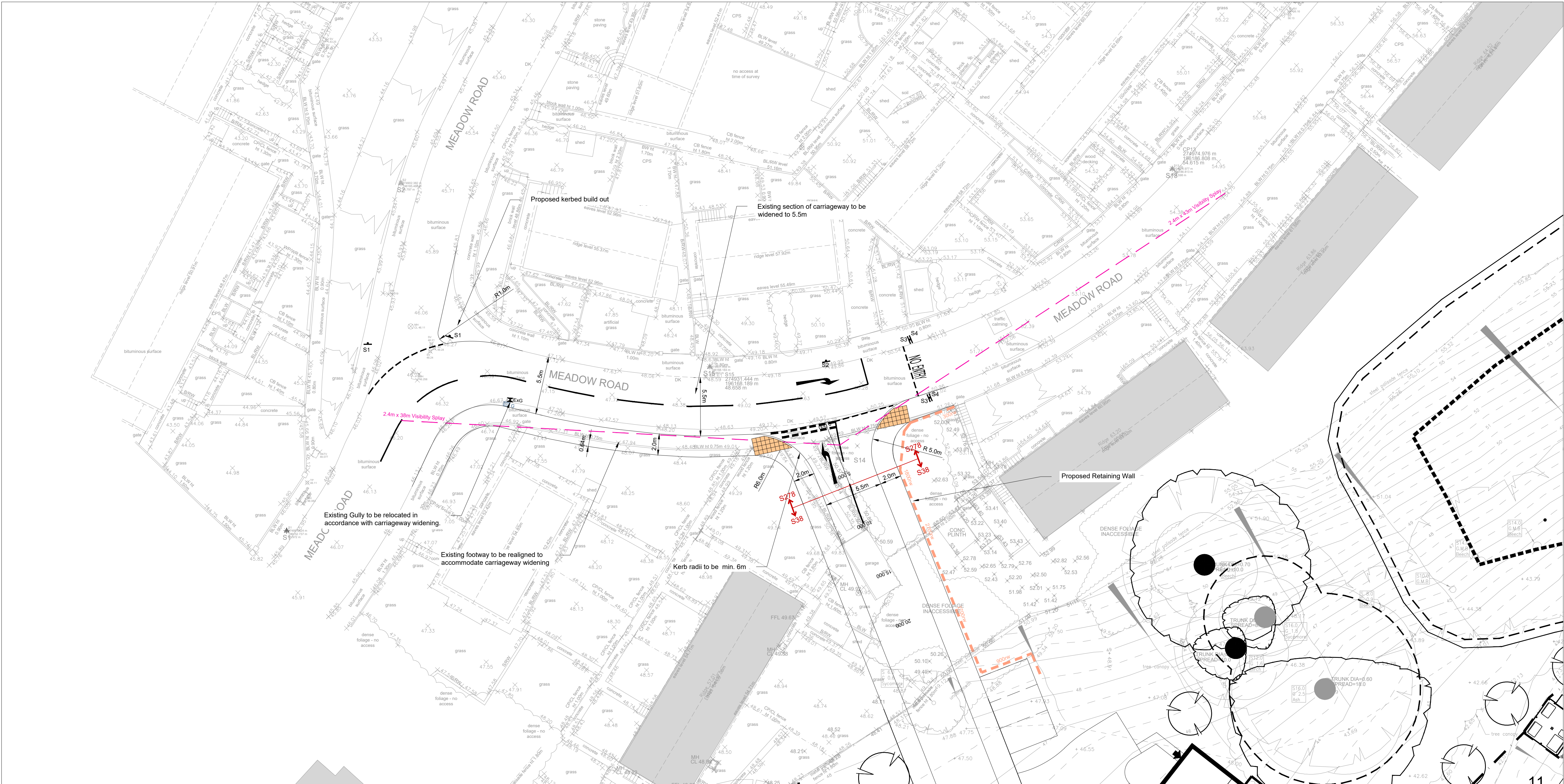
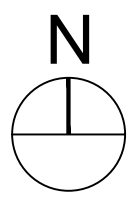
Please see enclosed drawing 2430-550 – S278 General Arrangement Plan which indicates a proposed inline uncontrolled pedestrian crossing.

- 2.5 *No issues.*
- 2.6 *No issues.*
- 2.7 *No issues.*
- 2.8 *No issues.*

3 ISSUES OUTSIDE THE SCOPE OF THIS ROAD SAFETY AUDIT

- 3.1 Due to the proposed internal highway and footway arrangement, it is considered no uncontrolled pedestrian crossings are required within the site to facilitate pedestrian movements.
- 3.2 Carriageway widths within the site are minimum 5.5m width.
- 3.3 It is agreed that any prevalent parking issues within the site can be observed as part of the Stage 3 & Stage 4 RSA. Notwithstanding, the proposed parking provision is in line with NPTCBC's requirements.
- 3.4 Noted. As above.
- 3.5 The drainage design will ensure manhole covers are located at approximately ¼ width of the carriageway or within the adjacent Swale.
- 3.6 A street lighting design has been commissioned. This design will be audited and approved by NPTCBC highways and will be constructed in accordance with any approved proposals.
- 3.7 The highway construction details would be standard approve NPTCGC highway details.
- 3.8 It is considered the internal highway layout would not allow 85th %ile vehicle speeds to exceed 20mph therefore the formal introduction of a 20mph zone is not considered necessary.
- 3.9 Vehicle movements around Meadow Road will generally remain as per the existing arrangement, although with the proposals vehicles will be able to turn right towards the site access rather than needing to drive around the entire one-way system. The principle of these proposals has been agreed with NPTCBC Highways.
- 3.10 This matter can be discussed further with NPTCBC Highways via the Section 38 technical approval process.

END



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rev date description

by

Status:

APPROVAL

Drawn: LG
Checked: MCC
Date: July 2021
Scale: 1:200(A1)

Client: Jones Brothers & Tai Tarian
Project: Meadow Road, Neath
Title: Section 278 General Arrangement Plan
Ref: 2430/550
Rev: -