

07/09/2020

From: Joel Smith [
Sent: 07 September 2020 15:37
To: Hilary Saunders
Cc: David Ryan
Subject: Cloughton Woods - Highway Design

Dear Hillary.

We have now had the input of the highways consultant and we attached this accordingly, I believe this has already been sent onto the Highways team by the applicant.

The Client has also instructed a desk top archaeological assessment which we will supply as soon as it lands.

Could I request a discussion in the progress of the application to establish what else may be required to allow for determination.

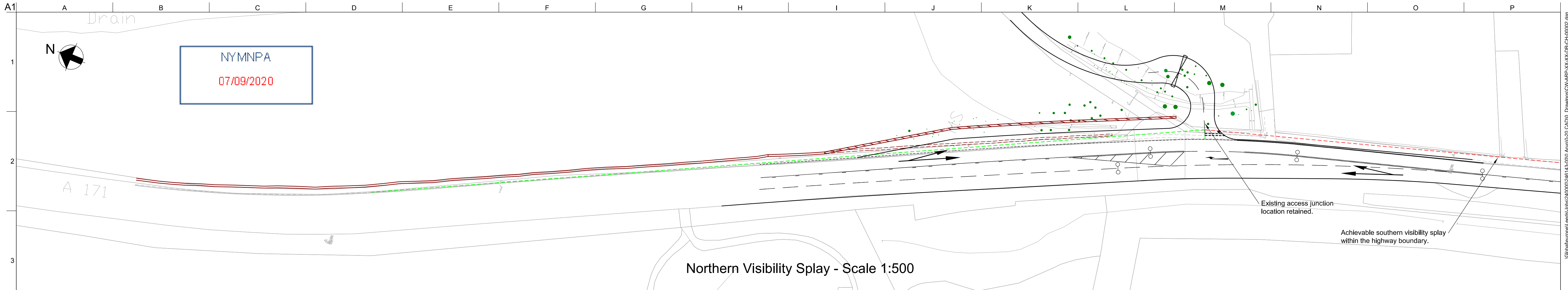
Best Regards

Joel Smith RIBA
Director

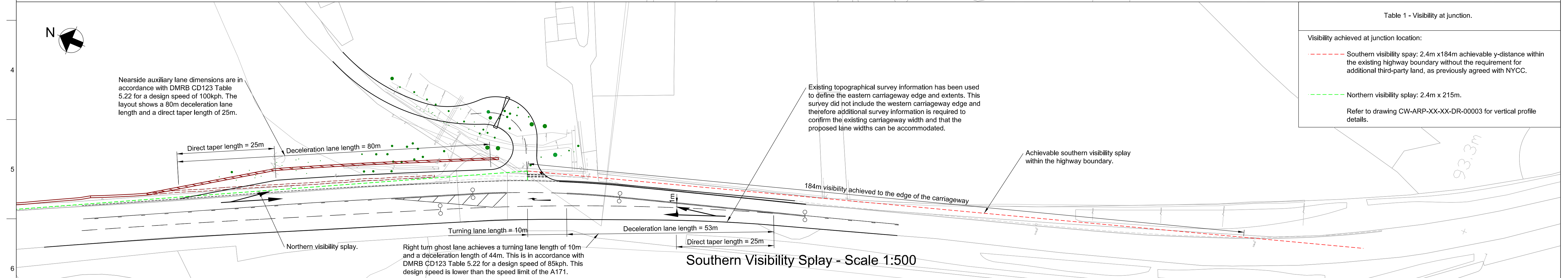


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S+SA ARCHITECTS LTD
REGISTERED OFFICE:
STUDIO 16, 1 CARDALE PARK
BECKWITH HEAD ROAD,
HARROGATE HG3 1RZ
REGISTERED NO. 8850737



Northern Visibility Splay - Scale 1:500



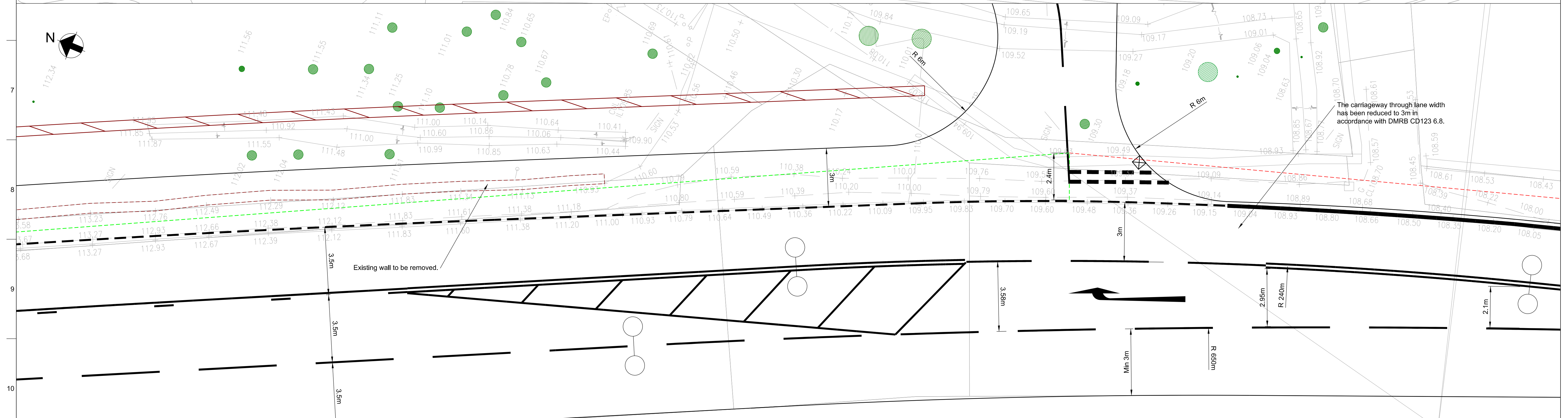
Southern Visibility Splay - Scale 1:500

Table 1 - Visibility at junction.

Visibility achieved at junction location:

- Southern visibility splay: 2.4m x 184m achievable y-distance within the existing highway boundary without the requirement for additional third-party land, as previously agreed with NYCC.
- - - Northern visibility splay: 2.4m x 215m.

Refer to drawing CW-ARP-XX-XX-DR-00003 for vertical profile details.



Junction General Arrangement - Scale 1:100

- Key:
- 215m x 2.4m Visibility Splay
 - Existing Wall
 - Realigned wall
 - Existing Wall to be removed
 - Existing Trees
 - Topographical Survey

- Notes:
- All levels are in metres above Ordnance Datum.
 - For vertical visibility profiles refer to Drawing CW-ARP-XX-XX-DR-CH-00003.
 - Design Speed = 60mph.
 - Visibility splays are in accordance with CD 123, using a design speed of 60mph (100kph).

2	20/08/20	EC	CW	CW
Draft				
1	18/08/20	JB	CW	CW
Draft				
Issue	Date	By	Chkd	Appd



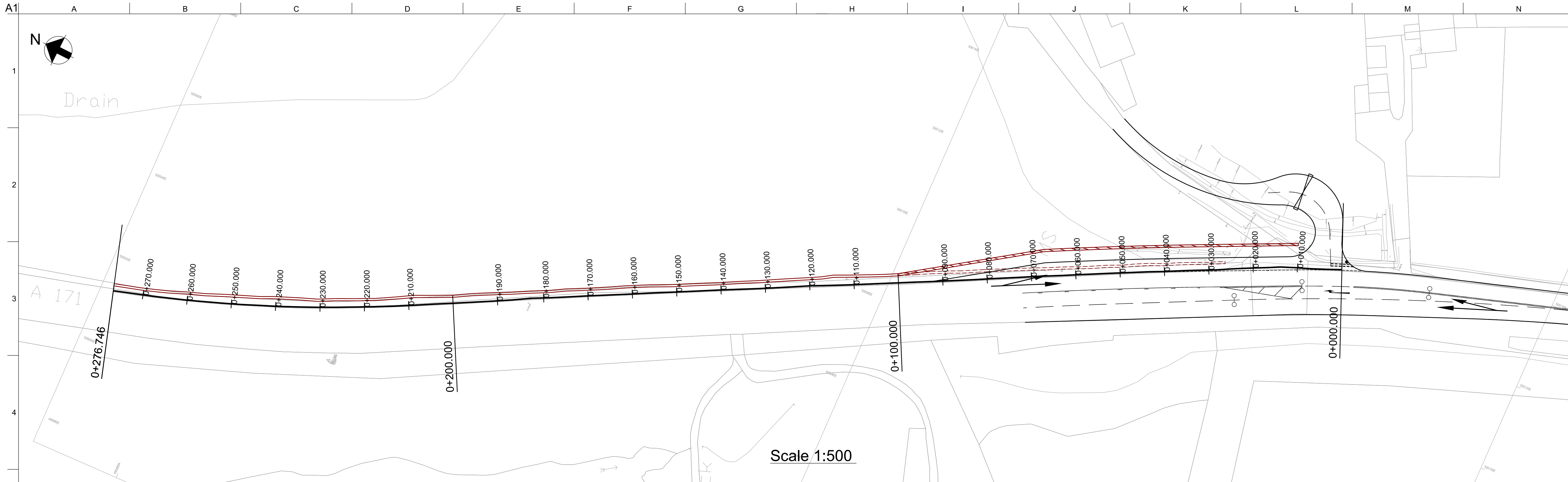
Client
Cloughton Woods
Lodges Ltd

Project Title
Cloughton Woods

Drawing Title
Proposed Junction Layout
Alternative Right Turn Lane

Scale at A1 As shown

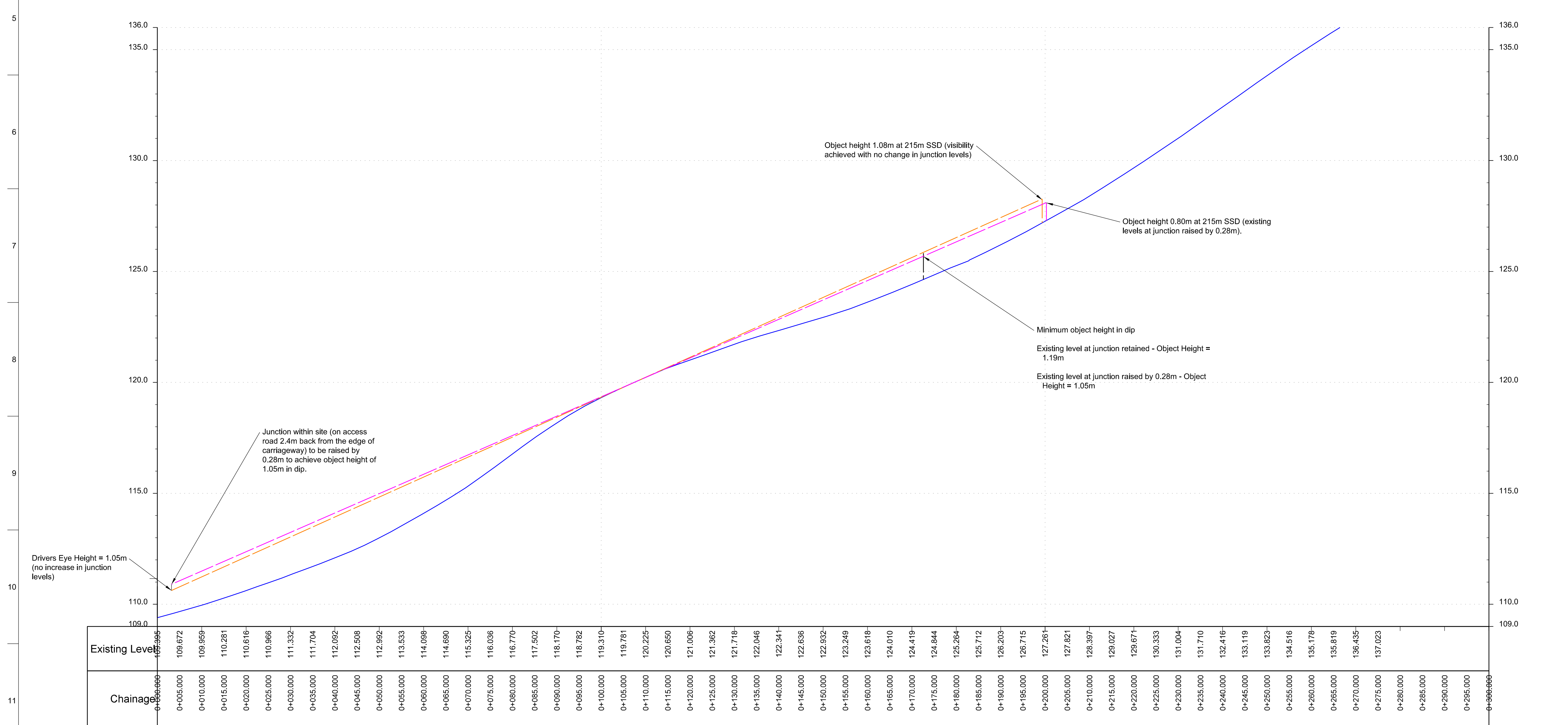
Role	Highways
Suitability	- For Comment
Arup Job No	Rev
246143-00	2
Name	
CW-ARP-XX-XX-DR-CH-00002	



- Notes:
1. A Stopping Sight Distance of 215m has been shown in accordance with DMFRB CD 109.
 2. A minimum drivers eye height of 1.05m and object height of 1.05m (as agreed with NYCC) have been used to determine the existing visibility in the vertical plane.
- Key:
- Existing profile along existing edge of carriageway
 - Vertical visibility splay maintaining existing junction levels. Minimum object height of 1.05m required by NYCC not achieved.
 - Vertical Visibility splay raising junction levels locally by 0.28m (215m Sight Stopping Distance, object height of 1.05m achieved along length of splay)

NYMNP
07/09/2020

Scale 1:500



Scale H 1:500 V 1:100

2	20/08/20	EC	CW	CW
Draft				
1	18/08/20	JB	CW	CW
Draft				
Rev	Date	By	Chkd	Appd

ARUP
Admiral House, Rose Wharf,
78 East Street, Leeds, LS9 8EE

Client
Cloughton Woods Lodges Ltd

Project Title
Cloughton Woods

Drawing Title
**Existing Vertical Profile
Revised southern location
Proposed Junction Vertical
Visibility Splays**

Scale at A1
As Shown

Role
Highways

Suitability
Issue

Arup Job No 246143-00	Rev 2
Name CW-ARP-XX-XX-DR-CH-0003	