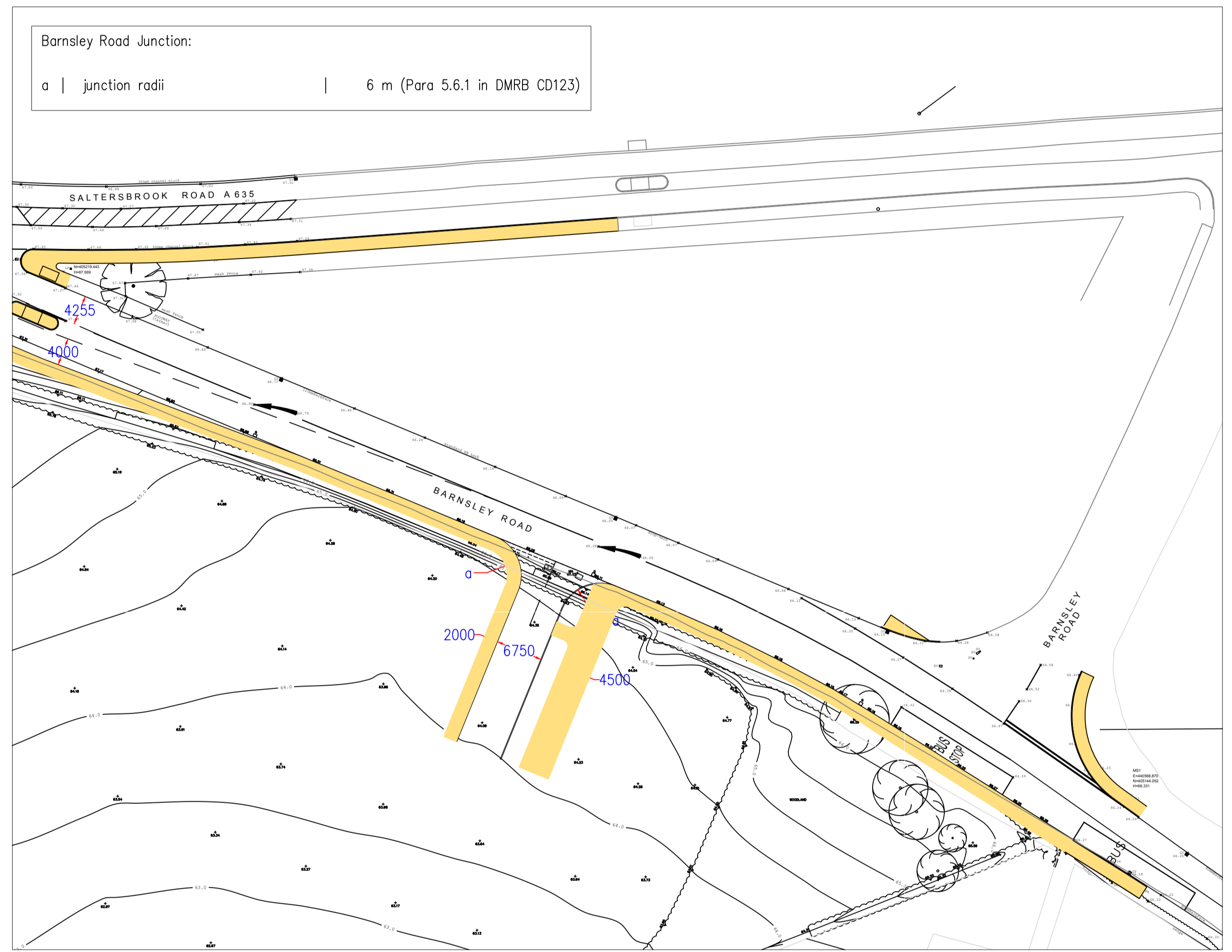


**Doncaster Road Junction:**

a	turning length	10 m (Para 6.4 in DMRB CD123)
b	deceleration length	64 m (Table 5.22 in DMRB CD123)
c	through lane width	3.5 m (Para 6.7 in DMRB CD123)
d	turning lane width	3.5 m (Para 6.8 in DMRB CD123)
e	direct taper length	15 m (Table 5.22 in DMRB CD123)
f	junction radii	10 m (Departure from standards, as requested by BMBC)
g	corner taper (west)	1:6 for 30 m (Para 5.6.3 in DMRB CD123)
h	corner taper (east)	1:6 for 30 m (Para 5.6.3 in DMRB CD123)
i	minor road approach width	5.4 m (Para 5.8 in DMRB CD123)
j	minor road exit width	7.2 m (Para 5.9 in DMRB CD123)
k	ghost island taper	1:25 (design speed 85kph table 6.1.1 in DMRB CD123)

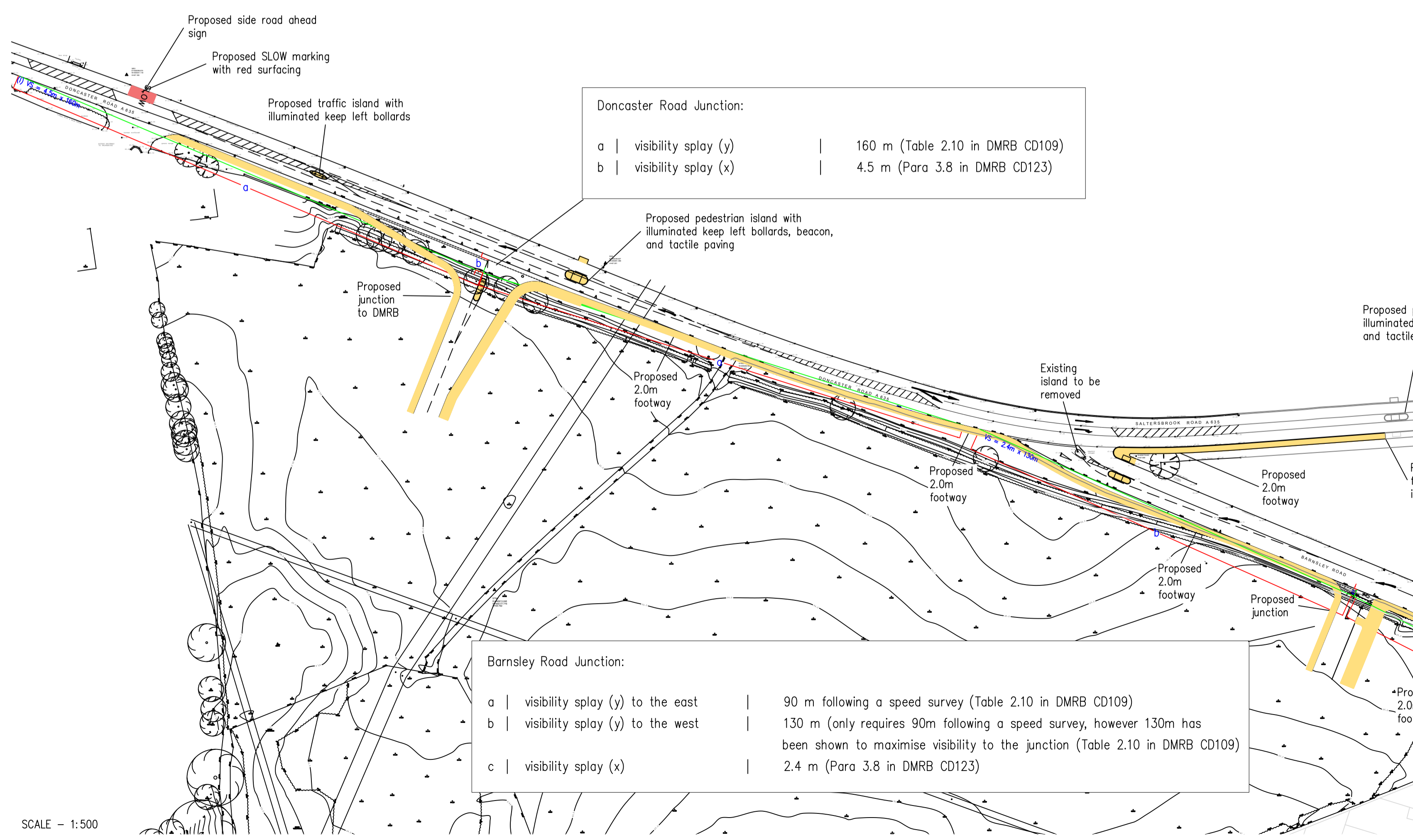
**Ghost Island**  
 AADT Doncaster Road = 10773 | Complies with CD213 Figure 2.3.1  
 AADT Proposed Access = 1163

SCALE - 1:500



**Barnsley Road Junction:**

a	junction radii	6 m (Para 5.6.1 in DMRB CD123)
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**Doncaster Road Junction:**

a	visibility splay (y)	160 m (Table 2.10 in DMRB CD109)
b	visibility splay (x)	4.5 m (Para 3.8 in DMRB CD123)

**Barnsley Road Junction:**

a	visibility splay (y) to the east	90 m following a speed survey (Table 2.10 in DMRB CD109)
b	visibility splay (y) to the west	130 m (only requires 90m following a speed survey, however 130m has been shown to maximise visibility to the junction (Table 2.10 in DMRB CD109)
c	visibility splay (x)	2.4 m (Para 3.8 in DMRB CD123)

SCALE - 1:500

- General Notes**
- This drawing should not be scaled for setting out purposes.
  - This drawing shows the provisional design only and is subject to Local Authority approval.
  - This drawing is based upon a topographical / ordnance survey provided by others.

REV H 27/02/26 JUNCTION DESIGN INFORMATION  
 REV G 30/01/26 10M JUNCTION RADI ADDED



**PROJECT TITLE**  
DONCASTER ROAD, DARFIELD

**DRAWING TITLE**  
REVISED JUNCTION ARRANGEMENT

ORIGINATOR	PROJECT	VOL.	TYPE	ROLE	NUMBER
PRGN	1229	HGN	DR	CH	101H

**CLIENT**  
SAUL HOMES & KEEPMOAT

SCALE	SIZE	DRAWN	CHECKED	AUTHORISED	DATE
AS SHOWN	A1	JJH	LO	AH	FEB 26

PARAGON HIGHWAYS  
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