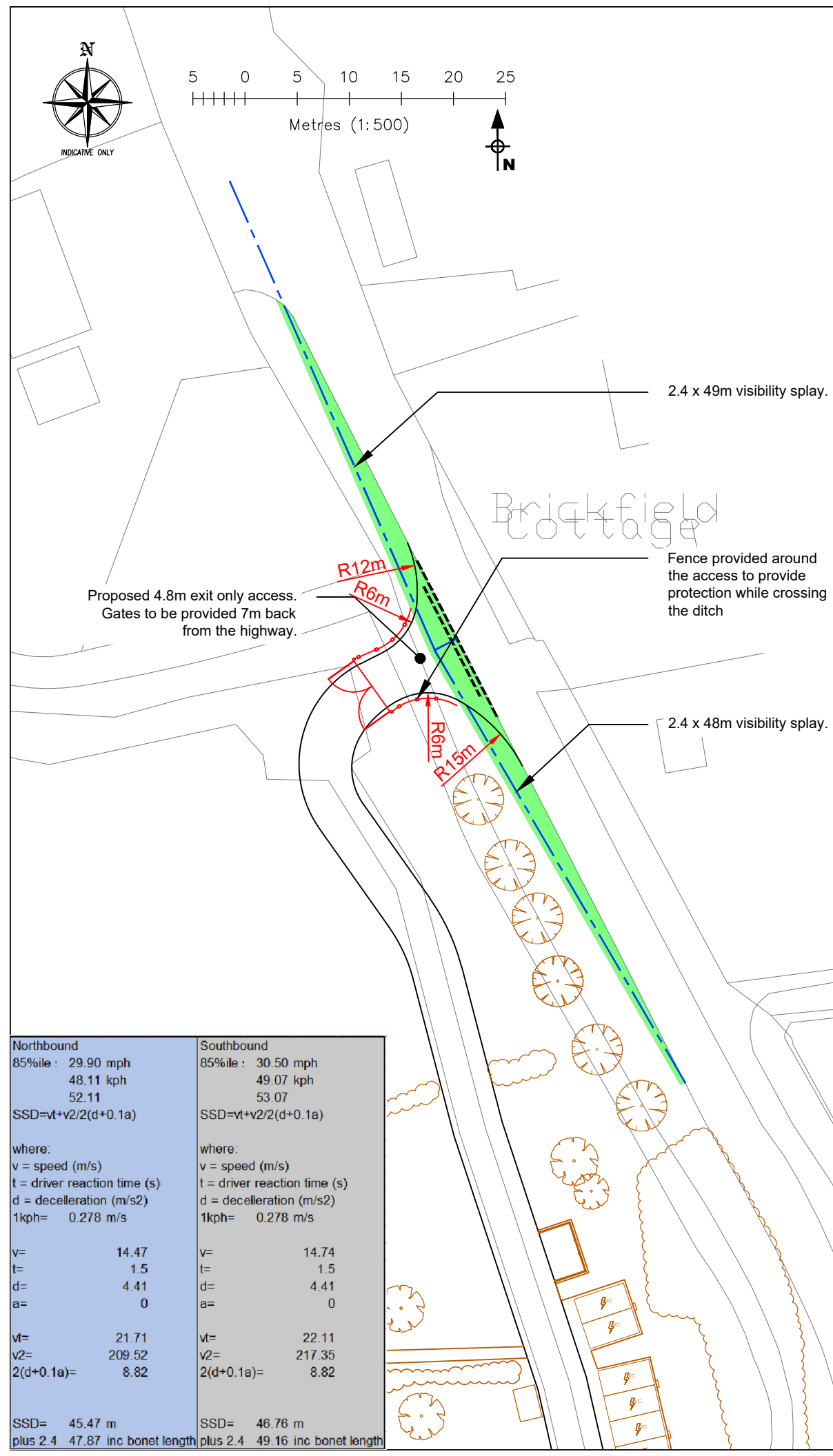
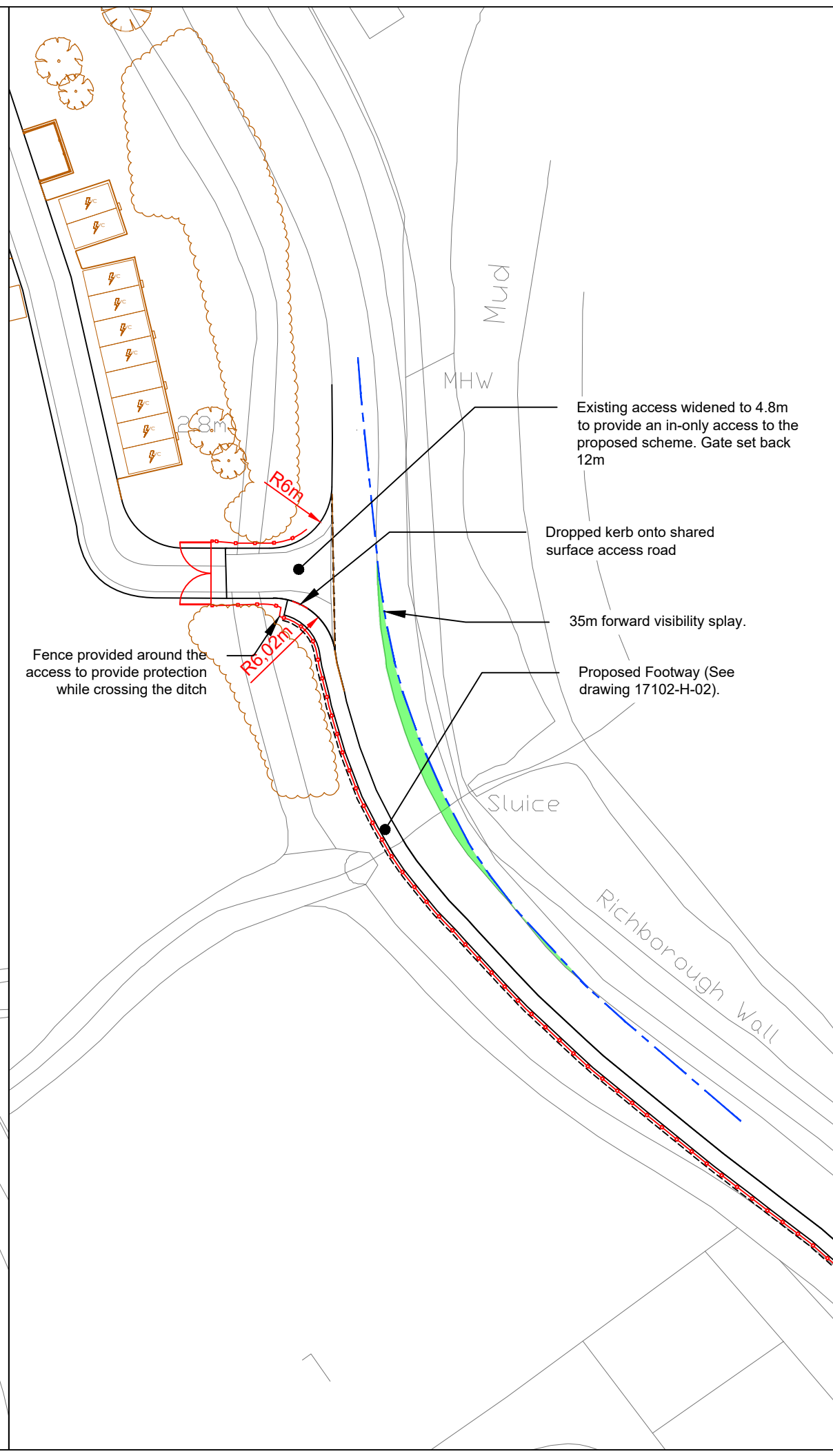




5 0 5 10 15 20 25
Metres (1:500)



Northbound	Southbound
85%ile: 29.90 mph	85%ile: 30.50 mph
48.11 kph	49.07 kph
52.11	53.07
$SSD=vt+v^2/2(d+0.1a)$	$SSD=vt+v^2/2(d+0.1a)$
where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s ²) 1kph = 0.278 m/s	where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s ²) 1kph = 0.278 m/s
v= 14.47	v= 14.74
t= 1.5	t= 1.5
d= 4.41	d= 4.41
a= 0	a= 0
vt= 21.71	vt= 22.11
v ² = 209.52	v ² = 217.35
2(d+0.1a)= 8.82	2(d+0.1a)= 8.82
SSD= 45.47 m	SSD= 46.76 m
plus 2.4 47.87 inc bonet length	plus 2.4 49.16 inc bonet length



DO NOT SCALE

- Notes:
- This drawing has been prepared in accordance with the scope of DHA's appointment with its client and is subject to the terms and conditions of that appointment. DHA accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
 - If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.
 - Where applicable Ordnance Survey (c) Crown Copyright 2022 All rights reserved. Licence Number 100031961.
 - Drawing based on OS data.
 - A week long ATC Survey has been completed by K&M Traffic Surveys Ltd for the period starting 27th March 2023 at the location of the proposed exit only access. The survey recorded 85th percentile speeds of 29.9mph and 30.5mph. These speeds have been used in the calculation set out within Manual for Streets using a driver reaction time of 1.5s and a deceleration rate of 4.41m/s².

Vegetation to be maintained for visibility splays

REV	DATE	BY	DESCRIPTION	CHK	APD
P4	04.12.23	JM	RSA Comments	CS	CS
P3	13.11.23	JM	Layout plan	CS	CS
P2	20.04.23	JM	ATC Survey	CS	CS
P1	17.08.22	MM	First Issue	JM	PL

REV	DATE	BY	DESCRIPTION	CHK	APD

client
MS TERRAFORTE

project
LAND SOUTH OF THE DEN, RICHBOROUGH ROAD, ASH, SANDWICH, CT13 9JE

title
PROPOSED ACCESS AND VISIBILITY SPLAYS

project	drwg	rev
17102	H-01	P4

Drawn	Checked	Approved	scale @ A3	date
JM	CS	CS	1:500	04.12.23

status
FOR INFORMATION P



Eclipse House, Eclipse Park, Sittingbourne Road
Maidstone, Kent. ME14 3EN
t: 01622 776226 f: 01622 776227
e: info@dhaplanning.co.uk w: www.dhaplanning.co.uk

CAD Reference: **A3**