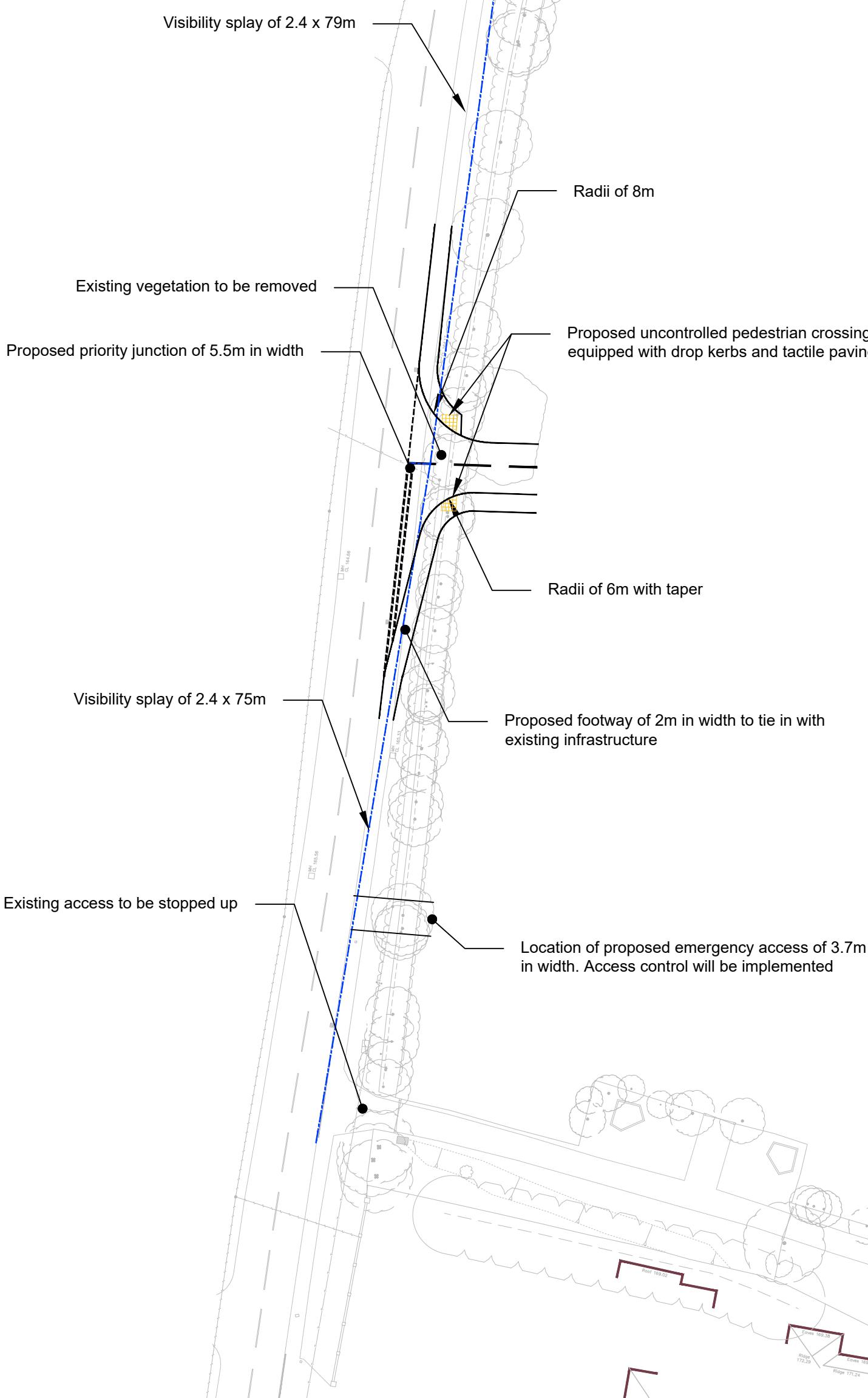




5 0 5 10 15 20 25
Metres (1:500)



Northbound 85%ile : 39.10 mph 62.91 kph SSD=vt+v2/2(d+0.1a)	Southbound 85%ile : 37.80 mph 60.82 kph SSD=vt+v2/2(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= 17.48 t= 2 d= 3.68 a= 0	v= 16.89 t= 2 d= 3.68 a= 0
vt= 34.95 v2= 305.39 2(d+0.1a)= 7.36	vt= 33.79 v2= 285.42 2(d+0.1a)= 7.36
SSD= 76.44 m plus 2.4 78.84 inc bonnet lengt	SSD= 72.57 m plus 2.4 74.97 inc bonnet lengt

ONLY SCALE FOR PLANNING PURPOSES

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.
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- A week-long ATC traffic survey was completed at South Street by K&M Traffic Surveys LTD on March 14th 2025, monitoring and recording 85th percentile speeds in both directions. The recorded average speed data of 39.1mph northbound and 37.8mph southbound will be used to inform the required visibility splays for the proposed access using standardised calculations from Manual for Streets 2.

P1	25.03.25	HL	First Issue	JM	JM
REV	DATE	BY	DESCRIPTION	CHK	APD
client					
ESQUIRE DEVELOPMENTS LTD					
project					
BLACKTHORN FARM, MEOPHAM					
title					
PROPOSED ACCESS ARRANGEMENT					
project		drwg		rev	
35076		H-01		P1	
Drawn	Checked	Approved	scale @ A3	date	
HL	JM	JM	1:500	25.03.2025	
status					P
FOR INFORMATION					



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CAD Reference:

A3