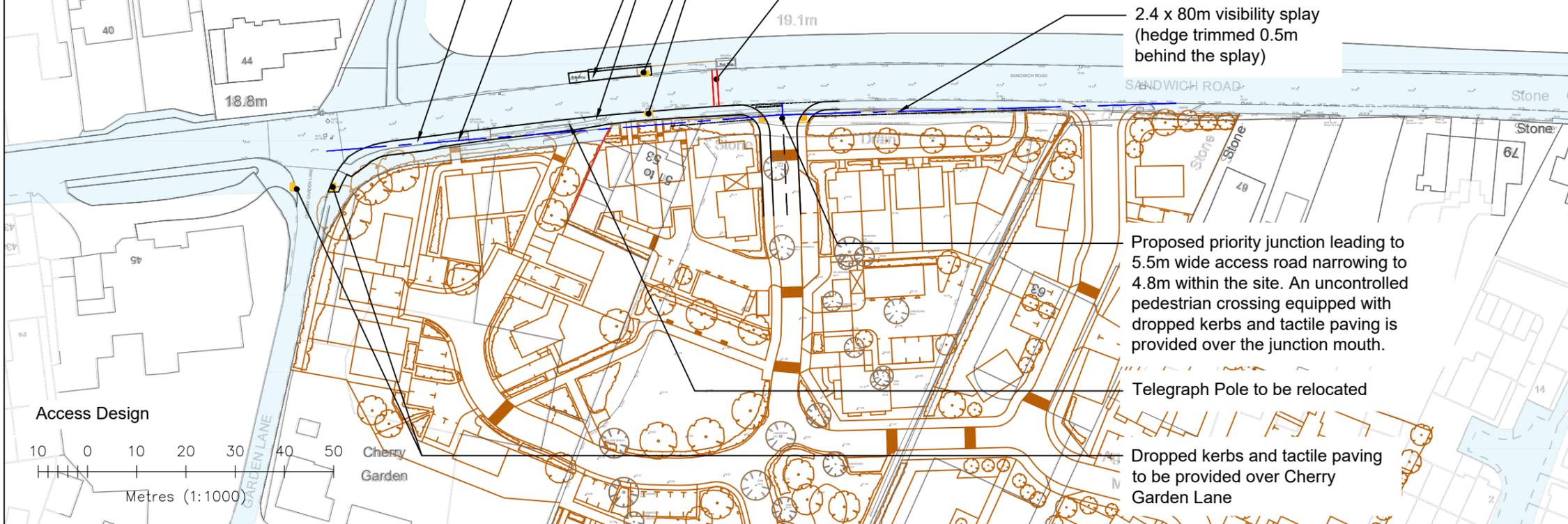


| Eastbound | Westbound |
|---|---|
| 85%ile 41.20 mph | 85%ile 37.10 mph |
| 66.29 kph | 59.69 kph |
| 70.29 | 63.69 |
| SSD= $v^2+2/2d$ | SSD= $v^2+2/2d$ |
| where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s ²) 1kph= 0.2778 m/s | where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s ²) 1kph= 0.2778 m/s |
| v= 19.53 | v= 17.69 |
| t= 2 | t= 2 |
| d= 3.68 | d= 3.68 |
| vt= 39.05 | vt= 35.39 |
| v ² = 381.23 | v ² = 313.03 |
| 2d= 7.36 | 2d= 7.36 |
| SSD= 90.849 m | SSD= 77.917 m |
| plus 2.4 93.249 inc bonet length | plus 2.4 80.317 inc bonet length |



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.
 - 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 is based on OS data, topographical survey and a site layout plan provided by Taylor Roberts Architects on 21st March 2023.
 - Highway Definition Data has been provided by KCC Highways.
 - A week long ATC survey was completed by K&M Traffic Surveys Ltd commencing 10th December 2021 which recorded 85th percentile speeds of 41.2mph and 37.1mph for eastbound and westbound traffic respectively. The recorded 85th percentile speeds have been used within calculations set out in Manual for Streets 2 using a driver reaction time of 2s, deceleration rate of 3.68m/s², gradient and wet weather factor to calculate the required visibility splay length.

| Extent of Highway Maintained Land | | | | | |
|-----------------------------------|----------|----|----------------------|-----|-----|
| P4 | 21.03.23 | JM | Bus Stop Relocation | CS | CS |
| P3 | 03.11.22 | JM | RSA Comments | CS | CS |
| P2 | 28.10.22 | JM | Topographical Survey | CS | CS |
| P1 | 14.01.22 | JM | First Issue | CS | CS |
| REV | DATE | BY | DESCRIPTION | CHK | APD |

| | | | | | |
|-----------------------------|--|--|--|--|--|
| client | | | | | |
| CLASSICUS ESTATES LTD | | | | | |
| project | | | | | |
| LAND AT SANDWICH ROAD, ASH | | | | | |
| title | | | | | |
| PROPOSED ACCESS ARRANGEMENT | | | | | |

| | | | | | |
|------------|-----------------|---------|----------|----------|----|
| project | 16404 | drwg | H-01 | rev | P4 |
| Drawn | JM | Checked | CS | Approved | CS |
| scale @ A3 | VARIOUS | date | 21.03.23 | | |
| status | FOR INFORMATION | | | | P |



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| | |
|----------------|----|
| CAD Reference: | A3 |
|----------------|----|