



NOTES:

1. THE SPEED LIMIT ON THIS SECTION IS UNRESTRICTED THEREFORE SPEEDS UP TO 60 MPH ARE PERMITTED. HOWEVER, DESIGN SPEEDS HAVE BEEN CHOSEN BASED UPON MEAN AND 85TH PERCENTILE SPEEDS ACTUALLY RECORDED ON THIS SECTION.
2. VISIBILITY SPLAYS HAVE BEEN USED BASED UPON THE PARAMETERS AND FORMULAS GIVEN IN CHAPTER10 OF MANUAL FOR STREETS 2.
3. DUE TO THE IMPACT THAT THE PROVISION OF VISIBILITY AT THE DESIABLE MINIMUM VALUES WOULD HAVE ON THE WOODLAND AREAS ADJACENT TO THE JUNCTION, IT IS PROPOSED THAT THE ACTUAL ACHIEVABLE SPLAYS ARE PROVIDED INSTEAD.

KEY:

- RED LINE PLANNING BOUNDARY
- ▨ AREA OF LAND WHERE FOLIAGE TO BE CUT BACK AND TREE CANOPIES RAISED (WHERE PRACTICAL).
- HIGH FRICTION SURFACING (50 METRES MINIMUM)
- VISIBILITY SPLAY - ABSOLUTE MINIMUM (SEE TABLE)
- VISIBILITY SPLAY - DESIRABLE MINIMUM (SEE TABLE)
- VISIBILITY SPLAY - ACTUALLY ACHIEVABLE (SEE TABLE)

VISIBILITY SPLAYS		
	Northbound	Southbound
Recorded speeds from surveys	45.9 mph	47.2 mph
Design speeds (with 4 kph wet weather adjustment)	43.4 mph	44.7 mph
Visibility - absolute minimum	2.4m x 92m	2.4m x 96m
Visibility - desirable minimum	2.4m x 118m	2.4m x 123m
Visibility - existing achievable	2.4m x 96m	2.4m x 102m
Visibility - proposed achievable	2.4m x 95m	2.4m x 103m

Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
 UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status
DRAFT FOR COMMENT

**FORT HALSTEAD, KENT
 PROPOSED HIGHWAY LAYOUT
 STAR HILL ROAD JUNCTION**

Client
**MERSEYSIDE
 PENSION FUND**

Date of 1st Issue 25.07.2019	Designed -	Drawn REM
A1 Scale 1:500	Checked BK	Approved JSL

Drawing Number
41290/5501/044

Offices throughout the UK and Europe
www.peterbrett.com
 © Peter Brett Associates LLP
 LONDON
 Tel: 020 7566 8600