



- NOTES:**
- 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.
  - VISIBILITY SPLAYS HAVE BEEN USED BASED UPON THE PARAMETERS AND FORMULAS GIVEN IN CHAPTER 10 OF MANUAL FOR STREETS 2.
  - DUE TO THE IMPACT THAT THE PROVISION OF VISIBILITY AT THE DESIRABLE 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
A	HIGHWAY LAYOUT UPDATED & BUS LOOP ADDED	07.04.20	JAD	REM	JSL

SCALING NOTE: Do not scale this drawing - any errors or omissions shall be reported to Stantec without delay.  
 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 their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Drawing Issue Status  
**FOR INFORMATION**

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

Client  
**MERSEYSIDE  
 PENSION FUND**

Date of 1st Issue	Designed	Drawn
25.07.2019	REM	REM
A1 Scale	Checked	Approved
1:500	BK	JSL
Drawing Number	Revision	
41290/5501/044	A	



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