KEY

- PROPOSED CAR AND CYCLE LAYOUT
- PROPOSED DELIVERY DROP OFF POINT
- PROPOSED BUS LAY-BY
- PROPOSED CARRIAGEWAY THROUGH FEATURE SQUARE
- PROPOSED BLOCK PAVING RAISED TABLES WITH 25mm KERB UPSTAND

NOTES

1. CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT OR ENGINEER BEFORE PROCEEDING. © THIS DRAWING IS COPYRIGHT.
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Condition 21:
A scheme to traffic calm Camp Road between buildings 52 and 549:

* Traffic calming proposals and extent of 20mph zone
* Parking area for cars and cycles
* Delivery and servicing areas

120mm KERB UPSTAND

PROPOSED EASTBOUND BUS LAY-BY

PEDESTRIAN CROSSING POINT WITH 0mm KERB UPSTAND

PARKING BAYS (INCREASED MOVEMENT REDUCES TRAFFIC SPEED)

PROPOSED WESTBOUND BUS LAY-BY

LARGE RADIUS TO ACCOMODATE BUS ROUTE

PARKING BAYS (INCREASED MOVEMENT REDUCES TRAFFIC SPEED)

CHANNEL KERB

VILLAGE SQUARE WITH CHANGE OF FINISH AND REDUCTION IN KERB UPSTAND TO 50mm

WESTBOUND BUS ROUTE

SP1(h)

SP1

0 1 2 3 5 10 15

FEATURE	DESCRIPTION	APPROACH SPEED (MILES PER HOUR)	SPEED REDUCTION (MILES PER HOUR)	EXIT SPEED (MILES PER HOUR)
NARROWINGS	EXISTING ROAD NARROWINGS HAVE BEEN REPLACED WITH NARROWINGS THAT AFFECT BOTH SIDES OF THE CARRIAGEWAY WITHOUT PRIORITY. THESE ARE LOCATED EITHER SIDE OF THE VILLAGE CENTRE ALONG CAMP ROAD. SUCH FEATURES HAVE BEEN NOTED TO REDUCE TRAFFIC SPEEDS BY APPROXIMATELY 5 MPH (TRAFFIC CALMING TECHNIQUES, THE INSTITUTION OF HIGHWAYS AND TRANSPORTATION AND THE COUNTY SURVEYORS' SOCIETY, 2005).	30	5	25
RAISED TABLES	THESE HAVE BEEN INTRODUCED AT JUNCTIONS EITHER SIDE OF THE VILLAGE CENTRE. THEY WILL COMPRISE OF 75MM RISE DUE TO THE BUS ROUTE. THEY ARE DESIGNED TO REDUCE DISCOMFORT TO LONGER WHEELBASE VEHICLES, THOUGH THEY DO REQUIRE BUSES TO SLOW DOWN MORE THAN CARS. RESEARCH FROM TRL REPORT 186 (WEBSTER & LAYFIELD, 1996) DEMONSTRATES THAT MOTOR VEHICLES ARE LIKELY TO TRAVEL OVER A SPEED TABLE AT 13MPH, AND 20MPH BETWEEN THEM.	25	12	13
CHANGE OF HORIZONTAL DIRECTION	MANUAL FOR STREETS 2 TABLE 8.2 SUGGESTS A REDUCTION IN SPEED BETWEEN 3.5 AND 5%.	20	1	19
SHARED SURFACE	THE VILLAGE SQUARE WILL HAVE A CONTRASTING SURFACE FINISH WITH REDUCED KERB UPSTANDS. IF THIS FINSISH IS BLOCKWORK, RESEARCH FOR MANUAL FOR STREETS HAS SHOWN THAT BLOCK PAVING REDUCES TRAFFIC SPEEDS BETWEEN 2.5 AND 4.5MPH (MFS 7.2.15).	20	3	17

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
D	ADDITIONAL PARKING AREA TO THE WEST ADDED	AT	JF	23.05.16
C	UPDATED TO SUIT LATEST SITE LAYOUT	AT	JF	22.04.16
B	DRAWING REVISED TO SHOW ONLY THE INFORMATION FOR CAMP ROAD	CG	JF	18.04.16
A	REVISED TO SUIT LATEST SITE LAYOUT	AT	JF	14.04.16

PRELIMINARY ■ INFORMATION □ TENDER □ CONSTRUCTION □ AS BUILT □

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TITLE UPPER HEYFORD
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DETAILS VILLAGE CENTRE
CONDITION 21 TRAFFIC CALMING LAYOUT SH2

SCALE: 1:100 @ A0 DATE: NOVEMBER 2014 DRAWN: JGF CHK: JGF

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