



Drain

A38 EASTBOUND

EXISTING '40/50MPH' SPEED LIMIT TERMINAL SIGNS TO REMAIN

POTENTIAL ELECTRICAL SUPPLY FOR VEHICLE ACTIVATED SIGN TO BE TAKEN FROM EXISTING OVERHEAD ELECTRICAL SUPPLY. SEE NOTE 11.

EXISTING 'JUNCTION ON BEND' WARNING SIGN TO TSRGD 512.1, 'REDUCE SPEED NOW' SIGN TO TSRGD 511 AND POSTS TO BE REMOVED AND REPLACED WITH YELLOW BACKED 'JUNCTION ON BEND' WARNING SIGN TO TSRGD 512.1 AND 'REDUCE SPEED NOW' SIGN TO TSRGD 511. EXISTING 'PARISH HALL' DISTANCE SIGN TO REMAIN.

OVERGROWN TREES TO BE CUT BACK TO ENABLE CLEAR VISIBILITY TO PROPOSED SIGN

EXISTING QUEUES LIKELY WARNING AND SUPPLEMENTARY PLATE SIGN TO TSRGD 584 AND 'BIDDISHAM LANE' SIGN TO BE REMOVED AND REPLACED WITH PROPOSED 'QUEUE AHEAD' VEHICLE ACTIVATED SIGN LOCATED 110m FROM HAZARD SUBJECT TO NON PRESCRIBED SIGN APPROVAL IN ACCORDANCE WITH 'APPENDIX A' OF TSM CHAPTER 4 WHICH STATES THE DISTANCE FROM HAZARD TO BE 110-180m FOR 85%ile SPEED BETWEEN 41-50MPH.



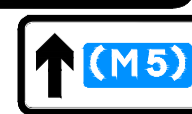
LOCATION WHERE FORWARD VISIBILITY TRAVELLING WEST DECREASES FROM 90m THEREFORE THIS IS THE HAZARD.

90m VISIBILITY ACHIEVED FROM THE HAZARD

WESTBOUND STOPPING SIGHT DISTANCE -200m

WESTBOUND STOPPING SIGHT DISTANCE -200m

PROPOSED 'BIDDISHAM' DIRECTION SIGNS 'BACK-TO-BACK' TO BE LOCATED WHERE EXISTING SIGN HAS BEEN KNOCKED DOWN. EXISTING POST TO BE TAKEN UP AND REMOVED OFF SITE.



BIDDISHAM LANE

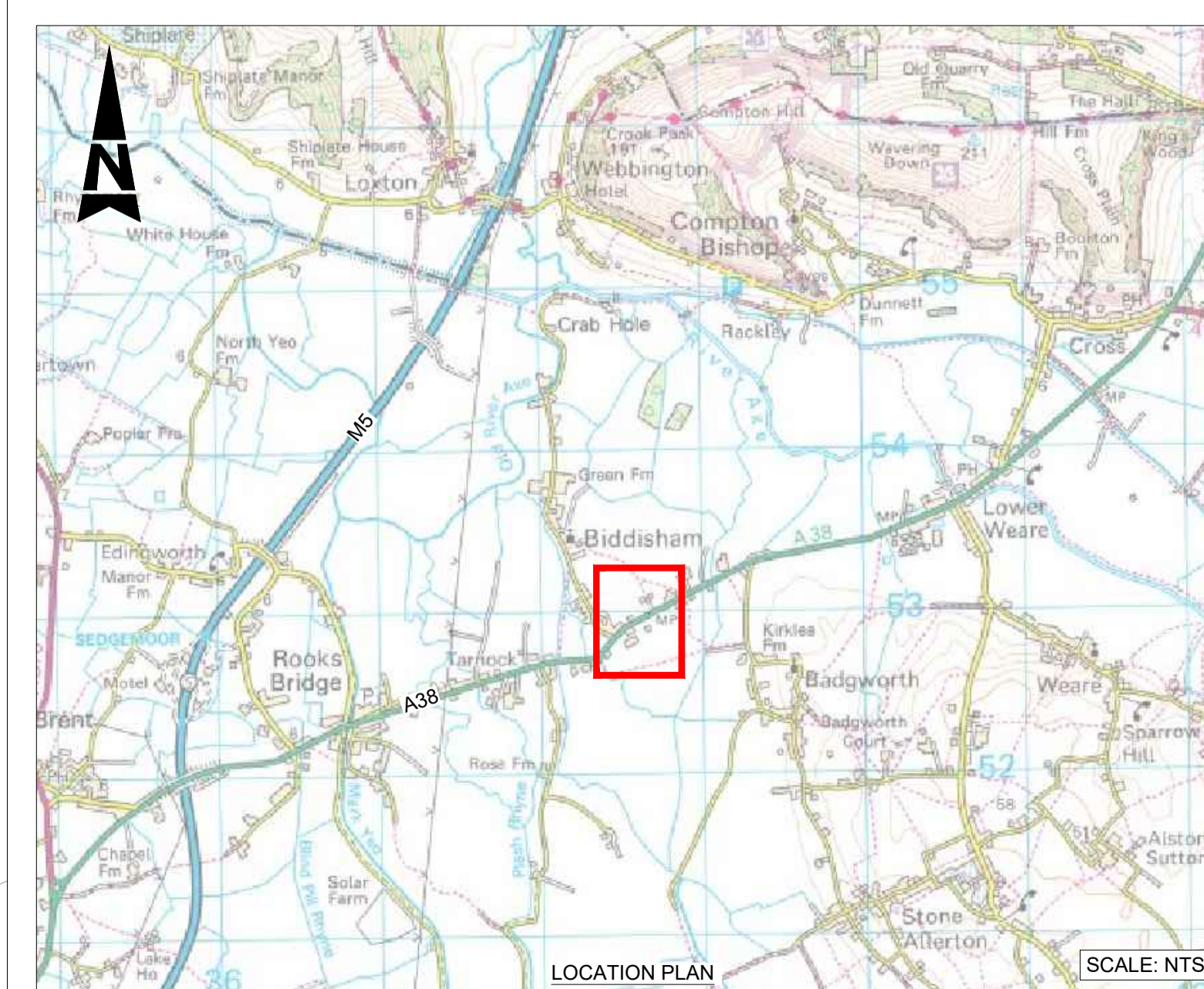
A38 WESTBOUND

BAGWORTH & BIDDISHAM PARISH HALL

CASTLE MILL MOT CENTRE

SDS LIMITED

SCALE: 1:500



LOCATION PLAN

- KEY:**
- EXISTING SIGN (TO REMAIN)
 - EXISTING SIGN AND POSTS (TO BE REMOVED)
 - EXISTING GULLY (TO REMAIN)
 - MHSV
 - EXISTING MANHOLE/SLUICE VALVE (TO REMAIN)
 - EXISTING ROAD MARKINGS (TO REMAIN)
 - OH - EXISTING OVERHEAD
 - EXISTING SLOW MARKERS (TO BE REMOVED)
- PROPOSED**
- PS01 PROPOSED SIGN
 - PROPOSED '40MPH' (4.3m IN LENGTH) SPEED LIMIT ROUNDEL TO TSRGD 1065
 - PROPOSED DETECTOR LOOP
 - PROPOSED NEW 450 x 450 CHAMBER TO HOUSE DISCONNECTION EQUIPMENT
 - PROPOSED NEW 450 x 450 DRAW PIT CHAMBER
 - PROPOSED NEW FEEDER PILLAR TO HOUSE THE LOOP DETECTOR PACK
 - Dx1 - PROPOSED 1-WAY DUCTS
 - PROPOSED ELECTRICAL CONNECTION
 - PROPOSED VEGETATION CLEARANCE TO ACHIEVE 60m CLEAR VISIBILITY TO PROPOSED SIGNS
 - PROPOSED AREA OF HARD BREAKOUT (TRENCH REINSTATEMENT IN FOOTWAY/ACCESS)
 - VISIBILITY LINE

- NOTES:**
- CHAINAGE 0 IS LOCATED ADJACENT TO BIDDISHAM LANE JUNCTION CENTRELINE.
 - EXISTING FEATURES SHOWN FOR INFORMATION ONLY, UNLESS STATED OTHERWISE.
 - ALL MEASUREMENTS ARE IN METRES UNLESS OTHERWISE STATED.
 - ONGOING TEMPORARY SPEED LIMIT THROUGHOUT SITE IS 40MPH. 85%ile SPEED ASSUMED TO BE WITHIN 41-50MPH BASED ON TRAFFIC SPEEDS OBSERVED DURING SITE VISIT ON 4/2/2020.
 - ALL EXISTING SIGNS TO BE CLEANED.
 - WHERE REQUIRED EXISTING ROAD MARKINGS SHALL BE REMOVED VIA HYDROBLASTING.
 - ALL WORKS TO CONFORM TO SPECIFICATION OF HIGHWAYS WORKS EXCEPT WHERE AMENDED BY SOMERSET HIGHWAYS WORK CONTRACT.
 - VISIBILITY CHECK BASED ON CD 109, TABLE 2.10 ONE STEP BELOW DESIRABLE MINIMUM STOPPING SIGHT DISTANCE IS 90m FOR 70KPH (40MPH). VISIBILITY SPLAYS ATTAINED FROM ORDNANCE SURVEY DATA. VISIBILITY DISTANCES ACHIEVABLE TO BE CHECKED ON SITE PRIOR TO INSTALLATION OF SIGNS.
 - PROPOSED VAS SIGN (PS02) WITH SIGN FACE TSRGD DIAG 584 WITH 'QUEUE AHEAD' SUB TEXT TO BE ERRECTED ON THE NEW POST TO REPLACE EXISTING SIGN
 - PROPOSED NEW VAS SIGN (PS02) TO BE OPERATED BY PRESENCE DETECTION (INDUCTION DETECTION LOOPS AT THE JUNCTION WITH CABLED FEEDER CONNECTION TO SIGN) TO ACTIVATE THE SIGN WHEN ANY VEHICLE IS WAITING ON THE A38 WESTBOUND CARRIAGEWAY AT THE BIDDISHAM LANE JUNCTION.
 - POTENTIAL ELECTRICAL SUPPLY FOR VEHICLE ACTIVATED SIGN (PS02) TO BE TAKEN FROM EXISTING OVERHEAD. LIASON WITH WESTERN POWER AND BT OVERHEADS REQUIRED PRIOR TO WORKS COMMENCING TO ARRANGE SUITABLE ELECTRICAL CONNECTION.

P0	17/03/2020	FIRST ISSUE		
Rev	Date	Description	Dn	Chkd
Revisions				

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Drawing Status: FOR CONSULTATION

Project Name: T1004340 BIDDISHAM LANE JUNCTION VEHICLE ACTIVATED SIGN
 Title: Original drawing sheet is A1
GENERAL ARRANGEMENT

Scale: AS SHOWN	Drawn by: JE	Checked by: JS	Approved by: SPW
	Drawn Date: 17/03/2020	Checked Date: 17/03/2020	Approved Date: 17/03/2020

Drawing Number: T1004340-SKA-HGN-DR-CH-0701-S2	Rev: P0
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