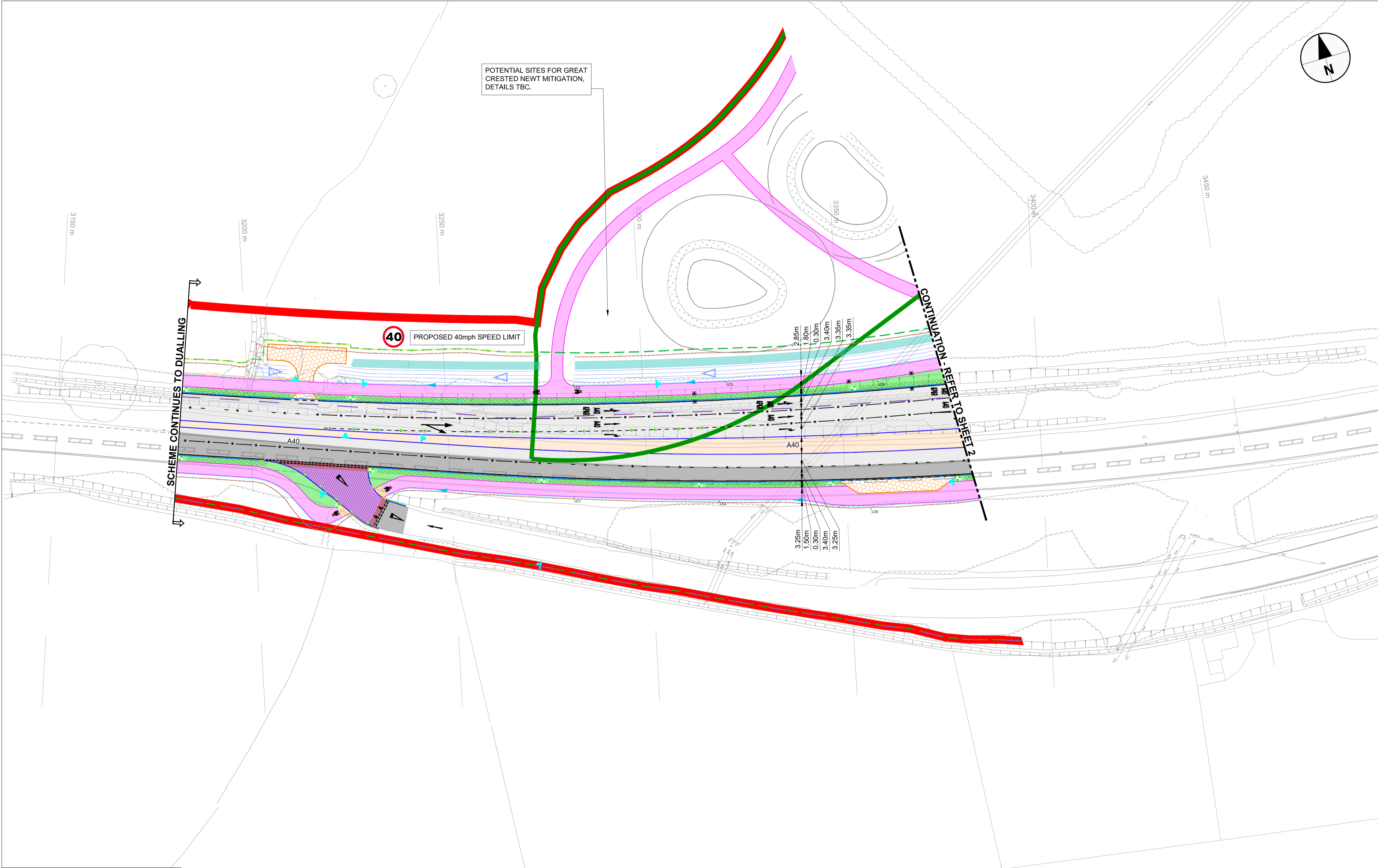


POTENTIAL SITES FOR GREAT  
 CRESTED NEWT MITIGATION,  
 DETAILS TBC.

40 PROPOSED 40mph SPEED LIMIT

SCHEME CONTINUES TO DUALLING

CONTINUATION - REFER TO SHEET 2



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**KEY**

CHAINAGE STRING	PROPOSED FENCE LINE AT NEW HIGHWAY BOUNDARY LOCATIONS	PROPOSED 2m PLANTING AREA
EXISTING HIGHWAY BOUNDARY	PROPOSED 1.5m FULL HEIGHT FENCING	PROPOSED NCNS LINK LOCATION
PROPOSED HIGHWAY BOUNDARY	PROPOSED 0.6m KNEE HEIGHT FENCING	PROPOSED SUBWAY PUMPING STATION
PROPOSED KERB 140mm UPSTAND. DETAILS TBC	EXISTING PUBLIC RIGHT OF WAY (FOOTPATH)	PROPOSED SHARED USE FACILITY / FOOTWAY
PROPOSED KERB 125mm UPSTAND. DETAILS TBC	EXISTING PUBLIC RIGHT OF WAY (RESTRICTED BYWAY)	PROPOSED TRAFFIC ISLAND (HARD SURFACE). DETAILS TBC
PROPOSED 45° SPY KERB DETAILS TBC	EXISTING PUBLIC RIGHT OF WAY (BRIDLEWAY)	PROPOSED TRAFFIC ISLAND (LANDSCAPING AREA). DETAILS TBC
PROPOSED FLUSH KERB AT CROSSING (0.6mm). DETAILS TBC	PROPOSED COMBINED VRS AND FENCING	PROPOSED BUFF TACTILE PAVING
PROPOSED EDGING. DETAILS TBC	PROPOSED SCREENING TO REDUCE VISIBILITY TO THE RIGHT	PROPOSED RED TACTILE PAVING
PROPOSED FLUSH KERB AT CROSSING (0.6mm). DETAILS TBC	PROPOSED VEHICLE RESTRAINT SYSTEM DETAILS TBC.	PROPOSED GRASS VERGE
PROPOSED EDGING AT VEHICLE CROSS OVER	PROPOSED EARTHWORKS EXTENTS	PROPOSED GRASSED SURFACE WATER CHANNEL OVERLAYING ATTENUATION TRENCH. DETAILS TBC
PROPOSED KERB 75mm UPSTAND. DETAILS TBC	PARK AND RIDE BOUNDARY AS PER PREVIOUS PLANNING APPROVAL	PROPOSED CONCRETE SUBWAY BOX - MODULAR CONSTRUCTION. DETAILS TBC
PROPOSED FLUSH KERB (0mm). DETAILS TBC	PROPOSED A40 SITE COMPOUND AREA	PROPOSED RAMP DOWN TO SUBWAY - SOUTH SIDE. DETAILS TBC
PROPOSED TRANSITION KERB. DETAILS TBC	PROPOSED LANDSCAPING / EARTHWORKS / RETAINING FEATURES. LOCATION INDICATIVE. DETAILS TBC	PROPOSED RAMP DOWN TO SUBWAY - NORTH SIDE. DETAILS TBC
PROPOSED BULL-NOSED KERB. DETAILS TBC	PROPOSED ADDITIONAL FOOTWAY / CYCLEWAY CONNECTION. DETAILS TBC	PROPOSED VEHICLE CROSS OVER
REDLINE BOUNDARY		SSS/I/SAC LOCATION

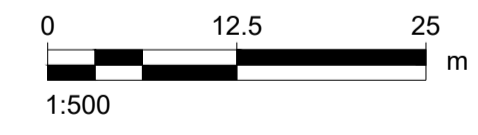
PROPOSED MAINTENANCE LAY-BY. DETAILS TBC	PROPOSED CARRIAGEWAY RESURFACING DETAILS TBC.	PROPOSED YELLOW BUS STOP ROAD MARKINGS
PROPOSED CARRIAGEWAY FULL DEPTH RECONSTRUCTION DETAILS TBC	PROPOSED SPEEDTABLE - 25mm	PROPOSED WHITE ROAD MARKINGS. DETAILS TBC
PROPOSED SPEEDTABLE - 75mm	PROPOSED SPEEDTABLE - 30mm	PROPOSED TRAFFIC SIGNAL POLE
PROPOSED SPEEDTABLE - 30mm	1000mm OVERRUN STRIP	PROPOSED TRAFFIC SIGNAL COLUMN
PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED BRIDGE PARAPETS	PROPOSED LIGHTING COLUMN
PROPOSED PAVEMENT RESURFACING	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED TRAFFIC SIGN (PS) MOUNTED ON NEW POST
EXISTING CULVERT	PROPOSED BRIDGE PARAPETS	PROPOSED TRAFFIC SIGN (PS) MOUNTED BACK TO BACK ON NEW POST
PROPOSED STRUCTURE WIDENING	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED WAY FINDING SIGN (PS) MOUNTED ON NEW POST
	PROPOSED BRIDGE PARAPETS	PROPOSED REFLECTIVE BOLLARD
	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED ROAD STUDS
	PROPOSED BRIDGE PARAPETS	PROPOSED QUADRANT KERB. DETAILS TBC
	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED SUBWAY PUMP
	PROPOSED BRIDGE PARAPETS	EXISTING ELECTRIC SUB-STATION
	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED SUBWAY ABUTMENTS AND WINGWALLS. DETAILS TBC
	PROPOSED BRIDGE PARAPETS	PROPOSED SHEET PILING
	PROPOSED PEDESTRIAN DETERRENT PAVING	PROPOSED CHAMBER ACCESS POINT

PROPOSED TRAFFIC SIGNALS CONTROLLER AND ELECTRICITY SUPPLY PILLAR	PROPOSED TRAFFIC SIGNALS CONTROLLER AND ELECTRICITY SUPPLY PILLAR
PROPOSED DITCH AND DIRECTION OF FLOW	PROPOSED DITCH AND DIRECTION OF FLOW
BACK OF FOOTWAY FILTER TRENCH WITH UNDERDRAIN	BACK OF FOOTWAY FILTER TRENCH WITH UNDERDRAIN
PROPOSED GULLY GRATE	PROPOSED GULLY GRATE
PROPOSED INSPECTION CHAMBER AND SILT TRAP DETAILS TBC	PROPOSED INSPECTION CHAMBER AND SILT TRAP DETAILS TBC
PROPOSED BRIDGE ABUTMENTS DETAILS TBC	PROPOSED BRIDGE ABUTMENTS DETAILS TBC

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**AECOM**

**PROJECT**  
**A40 SMART CORRIDOR**

**PROJECT NUMBER**  
 60615257

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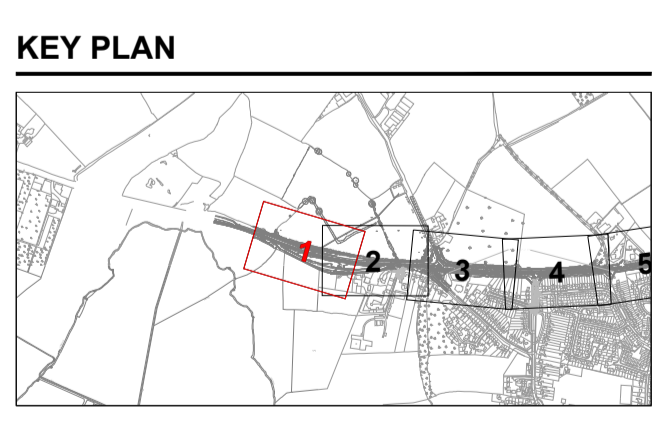
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- NOTES**
- DRAWING IS BASED ON TOPOGRAPHICAL SURVEY SUPPLIED BY AMEC FOSTER WHEELER (AFW) AND WAS LATER ENRICHED BY ADDITIONAL TOPOGRAPHICAL INFORMATION.
  - EXISTING INFRASTRUCTURE IS INDICATED IN THE BACKGROUND OF THESE DRAWINGS. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
  - THE EXISTING HIGHWAY BOUNDARY IS SHOWN ON DRAWINGS AND INDICATED BY THE PURPLE DASHED LINE.
  - THE RED LINE BOUNDARY IS SHOWN ON DRAWINGS AND INDICATED BY THE RED SOLID LINE.
  - THE LOCATION OF NEW STATUTORY AUTHORITY COVERS WITHIN THE FOOTWAY AND CARRIAGEWAY WILL BE DETERMINED ONCE UTILITY DIVERSIONS ARE COMPLETED.
  - FLUSH KERBS WILL BE INTRODUCED ALONG THE GRASSED SURFACE WATER CHANNEL. THESE WILL BE PAIRED WITH A 300MM HARD STRIP TO MAINTAIN THE INTEGRITY OF THE PROPOSED SWALES AND INCREASE SAFETY FOR ROAD USERS.
  - REFER TO DRAWING UND-ACM-HGN-E2\_EW\_ZZ\_ZZ-DR-CH-0101 FOR FURTHER INFORMATION ON THE PROPOSED UNDERPASS.
  - PLEASE REFER TO INDIVIDUAL SERIES DRAWINGS FOR FURTHER DETAIL REGARDING THE STRUCTURES, DRAINAGE, LIGHTING, LANDSCAPE AND 3D DESIGN. INDICATIVE DESIGN ONLY IS DISPLAYED ON THESE GENERAL ARRANGEMENT DRAWINGS.
  - SIGNS AND LIGHTING COLUMNS LOCATED IN THE SUP WILL NEED TO BE RELOCATED AS PART OF THE NEXT STAGE OF DESIGN SIGN LOCATION IS INDICATIVE. FURTHER DETAILS PROVIDED IN THE 1200 SERIES DRAWINGS.
  - PHOTO LUMINESCENT STUDS (ECO-DISK OR SIMILAR APPROVED) TO BE LAID AT REGULAR INTERVALS ALONG BOTH SIDES OF THE NEW SHARED USE FACILITY TO HIGHLIGHT THE EXTENTS OF THE PATH TO USERS DURING HOURS OF DARKNESS.
  - VRS DESIGN IS BASED ON A RRRAP ASSESSMENT AND LOCAL ROAD RISK ASSESSMENT FOR HIGH AND LOW SPEED SECTIONS RESPECTIVELY. DESIGN IS SUBJECT TO CHANGE WITH DETAILS AND MANUFACTURE LENGTHS TO BE CONFIRMED AT A LATER DESIGN STAGE.
  - FLOOD MITIGATION DESIGN IS EXCLUDED FROM THESE DRAWINGS DUE TO ONGOING MODELLING WORK.
  - SCREENING TO REDUCE VISIBILITY TO THE RIGHT SHOULD BE AT LEAST 2m IN HEIGHT TO BLOCK THE VIEW OF ROAD USERS.
  - IMPLEMENTATION OF PEDESTRIAN GUARD RAIL (PGR) AT THE TOUCAN CROSSING'S AT HORSEMERE LANE AND CASSINGTON JUNCTION IS SUBJECT TO A PGR ASSESSMENT.
  - FOR FURTHER DETAILS ON LAND REQUIREMENTS AND OWNERSHIP PLEASE REFER TO BUS-ACM-HGN-E2\_EW\_ZZ\_ZZ-DR-CH-0066-0087.

**FOR PLANNING**

**ISSUE/REVISION**

I/R	DATE	DESCRIPTION
P01	20/04/21	FIRST ISSUE
P02	25/06/21	SECOND ISSUE
P03	26/10/21	THIRD ISSUE
P04	11/11/21	FOURTH ISSUE
P05	16/11/21	ISSUED FOR PLANNING



**SHEET TITLE**  
**A40 IBL ELEMENT 2**  
**GENERAL ARRANGEMENT**  
**SHEET 1 OF 23**

**SHEET NUMBER**

Project Number	1	Originator	1	Volume	1	Revision
BUS	-	ACM	-	HGA		P05
E2_EW_ZZ_ZZ	-	DR	-	CH	-	0101
Location		I Type		1 Role		1 Number

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