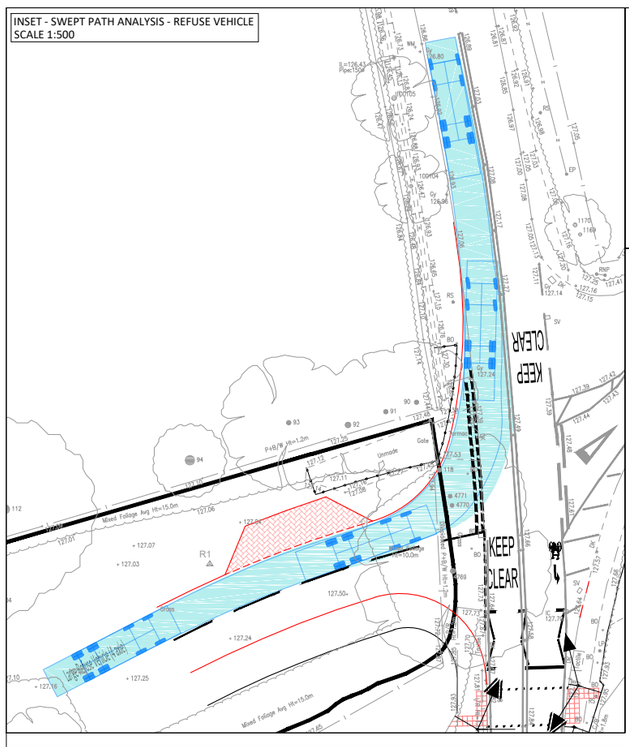
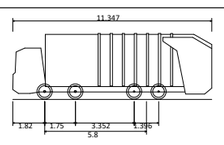
INSET - SWEPT PATH ANALYSIS - REFUSE VEHICLE
SCALE 1:500





Large Refuse Vehicle (4 axle)	
Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	6.00s
Wall to Wall Turning Radius	11.330m

2.4m x 61.7m VISIBILITY SPLAY
(TO 0.5m OFFSET)
(BASED ON MfS RECORDED 85th %ILE
SPEED OF 38.48mph)

61.7m STOPPING SIGHT DISTANCE
TO PRIMARY SIGNAL HEAD

TURNERS HILL ROAD

VICARAGE ROAD

Vicarage Road

VISIRAIL / LANDSCAPING
PROVIDED TO PREVENT
PEDESTRIAN ACCESS TO VERGE

VEGETATION TO BE CUT BACK
TO BEHIND VISIBILITY SPLAY

EXISTING CANOPY MAY REQUIRE RAISING
TO PROVIDE CLEARANCE TO VEHICLES

EXISTING INSPECTION
COVER TO BE RELOCATED

TREES WILL NEED TO BE REMOVED
TO CONSTRUCT ACCESS

MAINTENANCE BAY
(7.0m x 3.0m)

DROPPED KERB PROVIDED TO
ALLOW CYCLISTS TO JOIN
FOOTWAY / CYCLEWAY

MINOR ARM RE-POSITIONED 3m SOUTH
TO ACCOMMODATE COMPOUND KERB
ON NORTHERN SIDE OF JUNCTION

6.0m WIDE ACCESS ROAD

3.0m WIDE FOOTWAY / CYCLEWAY

POTENTIAL RAISED SIGNAL
HEAD TO BE PROVIDED IF
PREFERRED BY WSCC

CONTROLLER BOX -
LOCATION TO BE AGREED
AT DETAILED DESIGN STAGE

EXISTING GUARDRAIL TO BE
REPLACED WITH VISIRAIL

FOOTPATH / CYCLEPATH
ACCESS TO WORTH WAY

GUARDRAIL PROVIDED TO PREVENT
PEDESTRIAN ACCESS TO VERGE

CROSSING PROVIDED 11m
FROM JUNCTION WITH
TURNERS HILL ROAD

PEDESTRIAN CROSSING WITH
DROPPED KERBS AND TACTILE PAVING

CYCLISTS TO REJOIN CARRIAGEWAY

2m FOOTWAY / CYCLEWAY

DROPPED KERB FOR CYCLISTS
TO JOIN CYCLEWAY

EXISTING LIGHTING COLUMN

EXISTING UNCONTROLLED CROSSING
REPLACED WITH TOUCAN CROSSING

CYCLISTS DISMOUNT SIGN TO BE REMOVED

2.4m x 49.9m VISIBILITY SPLAY
(BASED ON MfS RECORDED 85th
%ILE SPEED OF 33.33mph)

SIGNAGE TO BE PROVIDED
TO WARN MOTORISTS OF
'SIDE ROAD AHEAD' &
TRAFFIC SIGNALS AHEAD

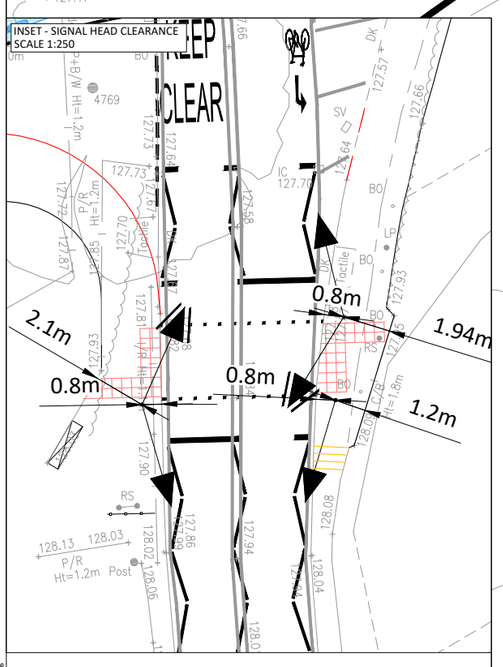
49.9m STOPPING SIGHT DISTANCE
TO PRIMARY SIGNAL HEAD

GRANGE ROAD

Grange Road

PEDESTRIAN CROSSING WITH
DROPPED KERBS AND TACTILE PAVING

INSET - SIGNAL HEAD CLEARANCE
SCALE 1:250



KEY:

SITE BOUNDARY

SCALE BAR @ 1:250
0 1 2 5 10 25

SCALE BAR @ 1:500
0 5 10 25 50

REV	DATE	BY	DESCRIPTION	CHK	APD
B	24.04.25	SH	WSCC COMMENTS INCORPORATED	MS	MS
A	20.03.25	SH	WSCC COMMENTS INCORPORATED	MS	MS

REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. LICENCE No. 100044286.
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CLIENT: WATES DEVELOPMENTS

STATUS: FOR INFORMATION

TITLE: PROPOSED SOUTHERN SITE ACCESS PRIORITY JUNCTION

PROJECT: WYCHWOOD, TURNERS HILL ROAD, CRAWLEY DOWN

DRAWN:	CHECKED:	APPROVED:
SH	MS	MS
PROJECT No: ITB9155	SCALE @ A2: 1:250	DATE: 17.03.25

DRAWING No: ITB9155-GA-069 REV: B

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