

© Crown copyright 2021 [and database rights] OS 100030649. You are granted a non-exclusive, royalty free, revocable licence solely to view the Licensed Data for non-commercial purposes for the period during which National Highways makes it available. You are not permitted to copy, sub-license, distribute, sell or otherwise make available the Licensed Data to third parties in any form. Third party rights to enforce the terms of this licence shall be reserved to OS. ©Astrium Ltd and Bluesky International Ltd 2021. Contains Ordnance Survey data © Crown copyright and database right 2021.

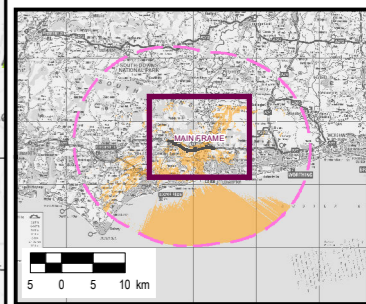
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW

- KEY**
- LANDSCAPE AND VISUAL IMPACT ASSESSMENT (L VIA) STUDY AREA
 - ZONE OF THEORETICAL VISIBILITY (ZTV)
 - SCHEME
 - AREA OF SEARCH - ZTV PROCESSING EXTENT (15KM)
 - ZTV POINT
 - BUILDING
 - WOODLAND (NATIONAL TREE MAP DATA USED WITHIN 1KM OF THE SCHEME. NATIONAL FOREST INVENTORY USED BEYOND 1KM)



Revision Details	AW	SM	05/01/22	02
By	Check	Date	Suffix	

Purpose of Issue
PRELIMINARY ENVIRONMENTAL INFORMATION REPORT

Client
NATIONAL HIGHWAYS
Bridg House
1 Walnut Tree Close
Guildford
Surrey

Working on behalf of

Project Title
A27 ARUNDEL BYPASS

Drawing Title
**FIGURE 7-4
SCREENED ZTV**

Designed AW	Drawn AW	Checked CW	Approved SH	Date 05/01/2022
Internal Project No. 60642441	Scale @ A3 1:45,000	Suitability S4	Volume ELS	

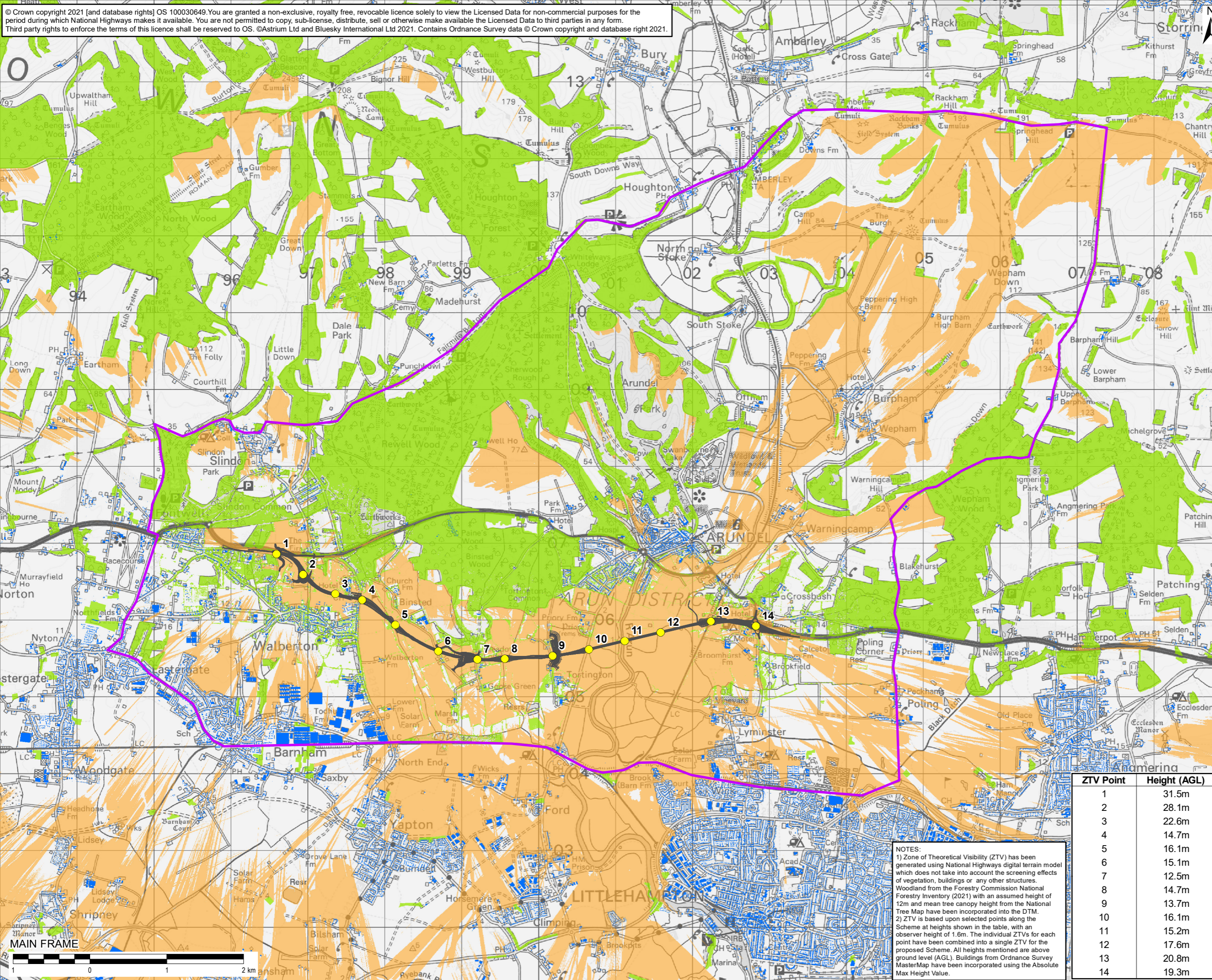
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.



BAM Nuttall Limited
St James House
Knoll Road
Camberley
GU15 3XU
www.bamnuttall.co.uk

AECOM
AECOM House
Home Lane
Bedford
Tel: +44 1234 349 641
www.aecom.com

Drawing Number HE551523	Highways England PIN -BAM	Originator -VOLUME	Rev P02
ZZ	-DR	-LV -0006	
Location	Type	Role	Number



NOTES:

1) Zone of Theoretical Visibility (ZTV) has been generated using National Highways digital terrain model which does not take into account the screening effects of vegetation, buildings or any other structures. Woodland from the Forestry Commission National Forestry Inventory (2021) with an assumed height of 12m and mean tree canopy height from the National Tree Map have been incorporated into the DTM.

2) ZTV is based upon selected points along the Scheme at heights shown in the table, with an observer height of 1.6m. The individual ZTVs for each point have been combined into a single ZTV for the proposed Scheme. All heights mentioned are above ground level (AGL). Buildings from Ordnance Survey MasterMap have been incorporated using the Absolute Max Height Value.

ZTV Point	Height (AGL)
1	31.5m
2	28.1m
3	22.6m
4	14.7m
5	16.1m
6	15.1m
7	12.5m
8	14.7m
9	13.7m
10	16.1m
11	15.2m
12	17.6m
13	20.8m
14	19.3m

File name: lba-dat-001_scotwilson.co.uk4400 - Management Services5004 - Information Systems60597607_A27_Arundel_By_Pass02_Maps\PEIR\Landscape\LAN_PIR_Figure7_4_ScreenedZTV_220105_A3_P02.mxd