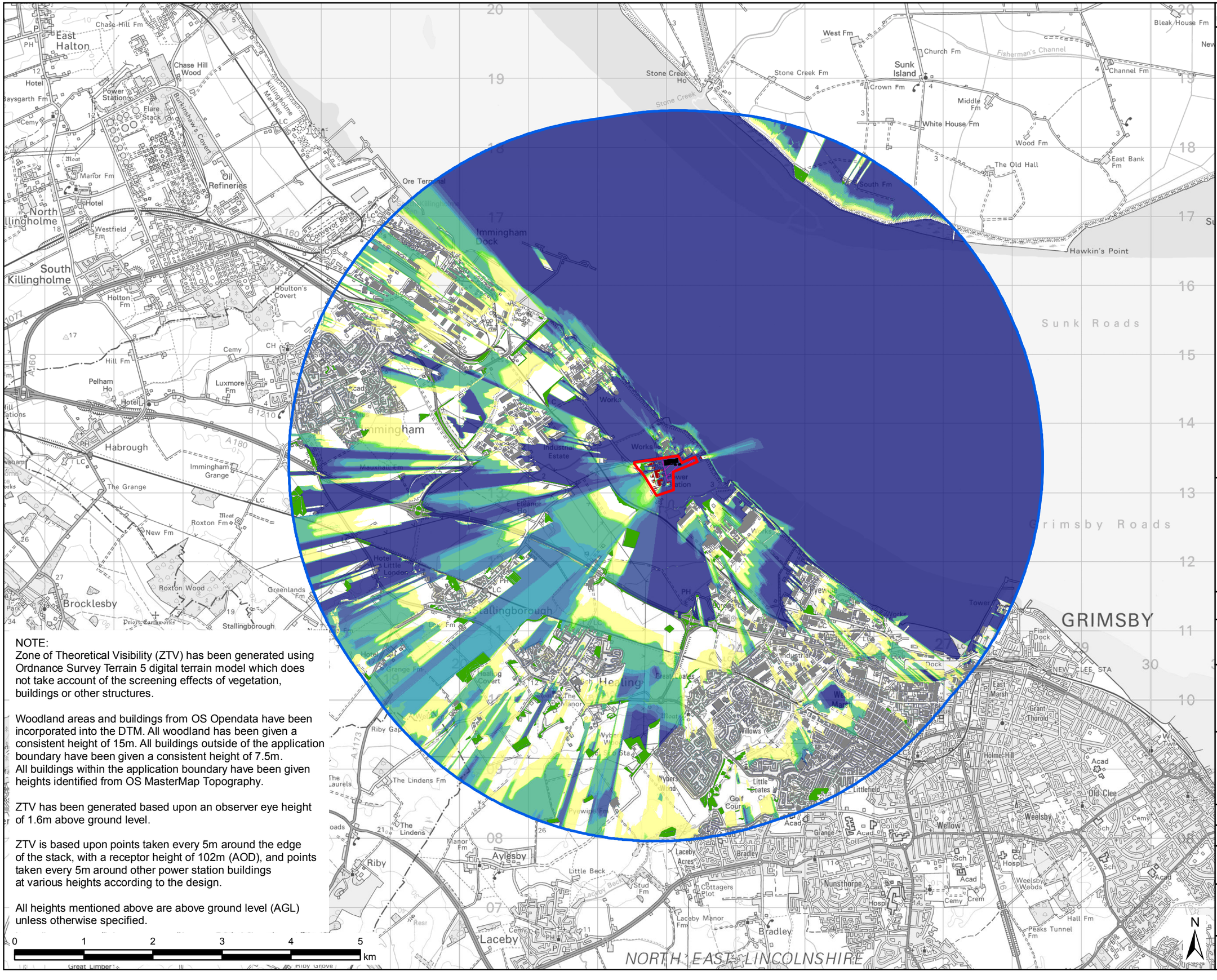

NOTE:
Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 digital terrain model which does not take account of the screening effects of vegetation, buildings or other structures.

Woodland areas and buildings from OS Opendata have been incorporated into the DTM. All woodland has been given a consistent height of 15m. All buildings outside of the application boundary have been given a consistent height of 7.5m.
All buildings within the application boundary have been given heights identified from OS MasterMap Topography.

ZTV has been generated based upon an observer eye height of 1.6m above ground level.

ZTV is based upon points taken every 5m around the edge of the stack, with a receptor height of 102m (AOD), and points taken every 5m around other power station buildings at various heights according to the design.

All heights mentioned above are above ground level (AGL) unless otherwise specified.

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

LEGEND

- Application Boundary
- Application Boundary - 5km Buffer
- Energy Centre
- Main Development Area
- Building - Height of 7.5m
- Building - Various heights from OS MasterMap
- Woodland - Height of 15m

Zone of Theoretical Visibility (% visible)

- 10%
- 20%
- 30%
- 40%
- 50%
- 60%
- 70%
- 80%
- 90%
- 100%

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Purpose of Issue
ENVIRONMENTAL STATEMENT

Client
EP SHB

Project Title
SOUTH HUMBER BANK ENERGY CENTRE

Application Document Ref
ZONE OF THEORETICAL VISBILITY (ZTV) ENERGY CENTRE AND STACK

Drawn	Checked	Approved	Date
LC	HT	LK	06/11/2018

AECOM Internal Project No.	Scale @ A3
60580855	1:50,000

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Drawing Ref
FIGURE 11.4

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