



Summary Report

FOR

UPGRADE/INSTALLATION OF
BROADBAND NETWORK

AT

DA040, South Dublin County Council
Administrative Area,
Co. Dublin

ON BEHALF OF



National Broadband Ireland

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2 OVERVIEW

2.1 Project Overview

This report is a summary of the appropriate assessment screening report undertaken on the proposed deployment of broadband infrastructure for Design Area (DA) 040, Dunboyne-Clonee. This summary report focuses specifically on Network Build poles which National Broadband Ireland (NBI) proposes to install on public land as an integral part of the implementation of the National Broadband Plan (NBP). This report will summarise the assessment of the installation of network build infrastructure within the South Dublin County Council Administrative Area and discuss any likely significant effects that may arise within Natura 2000 sites as a result of the Proposed Project. The Proposed Project entails the upgrade and installation of telecommunications infrastructure to buildings in Dunboyne-Clonee and surrounding areas, covering a total area of 307 km².

Network build infrastructure is defined by NBI as items of infrastructure which are integral to the deployment of broadband infrastructure throughout the state. Network build poles are distinct to drop poles i.e., poles which will not be installed until customers have placed an order for the provision of broadband service through a 3rd party reseller.

The installation of Broadband Network Infrastructure at DA040 Dunboyne-Clonee, Co. Meath including the South Dublin County Council Administrative Area, is comprehensively assessed in Appropriate Assessment (AA) Screening Report ref. AA_Screening_DA040_Dunboyne-Clonee_Enviroguide. The AA Screening report assesses the likelihood of significant effects arising from the Proposed Development including the installation of both network build and drop poles.

The purpose of this MD summary report and the above referenced AA Screening Report is to provide information for the relevant competent authority to carry out the screening for Appropriate Assessment and other applicable statutory functions including licences issued under Section 254 of the Planning and Development Act 2000 (as amended).

2.2 Identification of Relevant Natura 2000 Sites

The proposed installation location of the new network build infrastructure is presented in Figure 1. The details of each of the 3no. network build poles to be installed within the South Dublin County Council Administrative Area are presented in Table 1.

To identify whether any of the items of infrastructure are proposed to be installed with a Natura 2000 site the following process is undertaken on all DAs:

- Using a Geographic Information System (GIS) the locations of all new proposed items of infrastructure are overlaid onto the locations of all Natura 2000 sites in Ireland and Northern Ireland.
- Analysis is performed using the GIS which will identify each individual feature proposed to be installed within a Natura 2000 site.
- If individual features are identified they are recorded and presented on a drawing or series of drawings as required.

Using the described methodology, it was identified that inside the South Dublin County Council Administrative Area, none of the proposed infrastructure is located within Glenasmole Valley SAC, Wicklow Mountains SAC or Wicklow Mountains SPA.

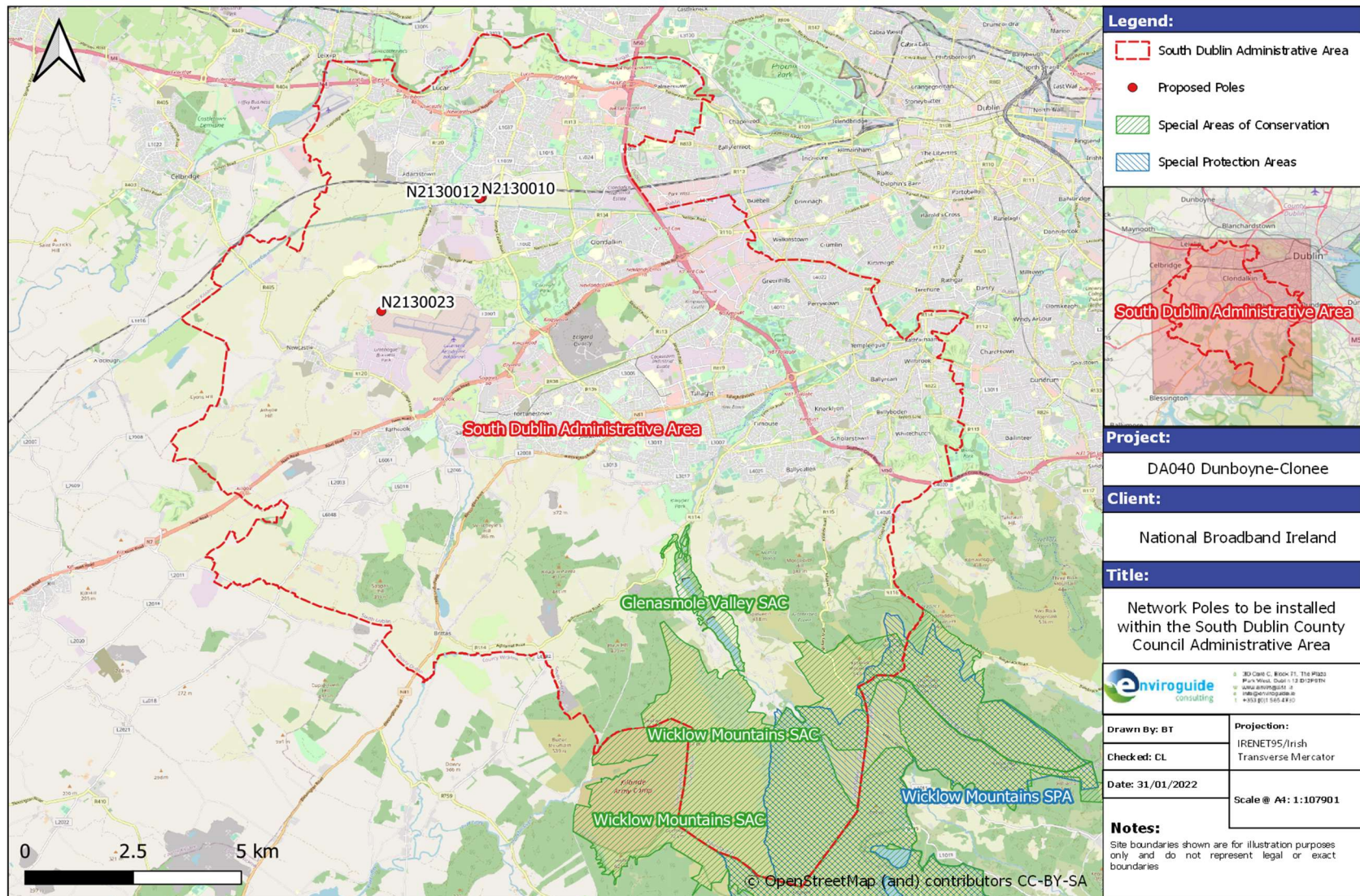


FIGURE 1 NETWORK POLES IN THE SOUTH DUBLIN COUNTY COUNCIL ADMINISTRATIVE AREA

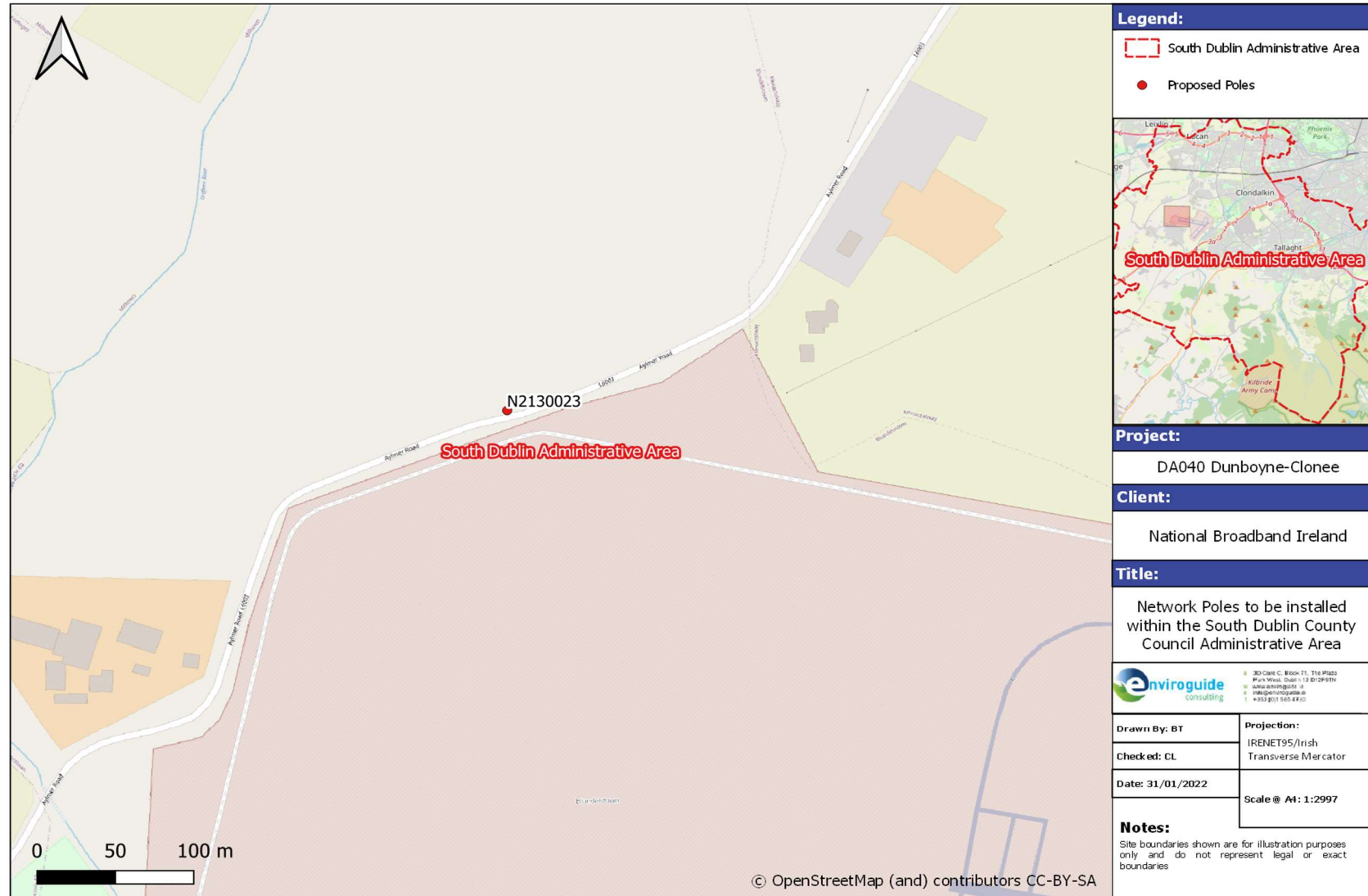


FIGURE 2 NETWORK POLES IN THE SOUTH DUBLIN COUNTY COUNCIL ADMINISTRATIVE AREA

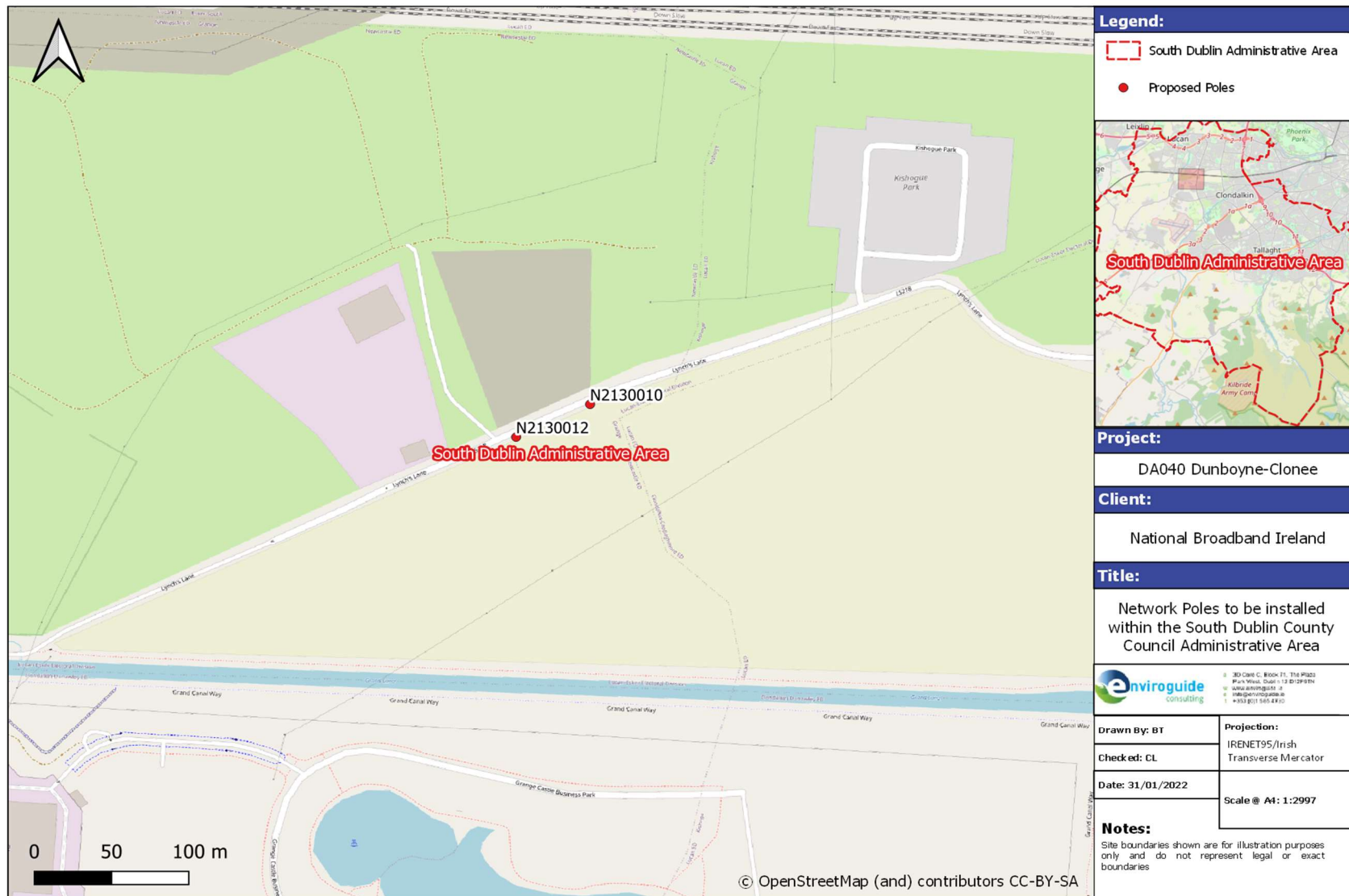


FIGURE 3 NETWORK POLES IN THE SOUTH DUBLIN COUNTY COUNCIL ADMINISTRATIVE AREA

2.3 Identification of Potential Impacts

The AA Screening report prepared for DA040 Dunboyne-Clonee reviewed and assessed Information available on the Natura 2000 network of sites to establish whether the installation and operation of the Proposed Project has the potential to have an impact on any of the conservation objectives of associated sites. The assessment framework used in the preparation of the AA Screening report was taken from the best practice guidelines issued by the European Commission "Assessment of plans and projects significantly affecting Natura 2000 sites – Methodological guidance".

The installation element of this project will involve the erection of new poles, installation of new underground chambers and underground duct sections. There may be some release of suspended solids into watercourses during such excavations; however, these will be small in nature, extremely localised and of very short duration as all surplus material is removed from site for compliant waste management.

In addition, the replacement poles being erected may carry the risk of contamination of soil and/or groundwater with creosote which is used as a preservative for telecommunications poles. Creosote is a dense non-aqueous liquid (DNAPL) which is not soluble in water. Therefore, the risk associated with its use will be extremely localised by virtue of it not migrating through the watercourse or soil. The impact therefore associated with its use can be deemed imperceptible.

The potential for fugitive dust emissions will be minimal and temporary as each mini excavation required to install a pole will be completed within a short period of time with water used as a dampening down medium in cases of extreme weather.

The AA Screening report prepared for DA040 Dunboyne-Clonee considered the potential for significant impacts resulting from the Proposed Project based on a range of indicators, including:

- Habitat loss or alteration;
- Habitat/species fragmentation;
- Disturbance and/or displacement of species.
- Changes in population density; and
- Changes in water quality and resource.

It was deemed by the AA Screening Report that the Proposed Project will not have a significant adverse effect on the Conservation Objectives of Glenasmole Valley SAC, Wicklow Mountains SAC or Wicklow Mountains SPA.

2.4 Intersecting features within Natura 2000 sites in the South Dublin County Council Administrative Area

The Proposed Project route intersects with or contains Glenasmole Valley SAC, Wicklow Mountains SAC and Wicklow Mountains SPA at several localised points.

In the case of the South Dublin County Council Administrative Area, none of the proposed new installations will occur within Glenasmole Valley SAC, Wicklow Mountains SAC or Wicklow Mountains SPA.

Each installation location was surveyed as part of the pre-build design process. Table 1 identifies each individual item of equipment within the South Dublin County Council Administrative Area and describes the proposed installation locations and whether the proposed feature is to be installed within a Natura 2000 site.

Table 1 and Figure 1 to 3 demonstrate that all items of infrastructure for the Proposed Project within the South Dublin County Council Administrative Area will be installed along the existing road network in locations that consist primarily of roadside grassy verges.

TABLE 1 NETWORK POLES WITHIN THE SOUTH DUBLIN COUNTY COUNCIL ADMINISTRATIVE AREA AND NATURA 2000 SITES

Barcode/Duct Label	Infrastructure Type	Location - Public	Site Name
N2130010	Utility Pole	Grass/Verge	Proposed infrastructure not located within a Natura 2000 site in the South Dublin County Council Administrative Area
N2130012	Utility Pole	Grass/Verge	Proposed infrastructure not located within a Natura 2000 site in the South Dublin County Council Administrative Area
N2130023	Utility Pole	Grass/Verge	Proposed infrastructure not located within a Natura 2000 site in the South Dublin County Council Administrative Area

3 CONCLUDING STATEMENT

The Proposed Project consisting of the installation of Broadband Network at DA040 Dunboyne-Clonee, Co. Meath, has been assessed taking into account:

- the nature, size and location of the proposed works and possible impacts arising from the construction works.
- the qualifying interests and conservation objectives of the Natura sites
- the potential for in-combination effects arising from other plans and projects.

In conclusion, upon the examination, analysis and evaluation of the relevant information and applying the precautionary principle, it is concluded by the authors of this report that, on the basis of objective information; the possibility **may be excluded** that the Proposed Project will have a likely significant effect on any of the Natura 2000 sites listed below:

Glenasmole Valley SAC (001209)

Wicklow Mountains SAC (002122)

Wicklow Mountains SPA (004040)

Thus, it can be concluded on the basis of the results of Stage 1 of the Appropriate Assessment process that there is no requirement to proceed to Stage 2 of said process; and the preparation of a Natura Impact Statement (NIS) is not required.