

The Proposed Construction of Six Poultry Houses on Portion 44 of the Farm Lanric 59 JO, Ngaka Modiri Molema District Municipality within the Mahikeng Local Municipality, North West Province

FP Coetzee
Heritage Practitioner

7 September 2021

Letter of Recommendation for Exemption (LoRE)

1. Introduction

Mediro Association is proposing the construction of 6 poultry houses with the capacity to hold up to 10 000 birds per house on Portion 44 (portion of portion 27 of the farm Lanric 59 JO situated in Ngaka Modiri Molema District Municipality within the Mahikeng Local Municipality area, North West Province. The proposed project triggers a Basic Assessment for certain listed activities under Listing 1 (GNR 327) and Listing 3 (GNR 324) of NEMA (National Environmental Management Act, 1998). Bucandi Environmental Solutions (Bucandi) was requested by Mediro Association to conduct a Basic Assessment as part of the application for environmental authorisation.

2. Project description and location

The activity will entail the construction of 6 environmentally controlled chicken layer houses (70m x 6m each). Each house will have the capacity for 10 000 layers. The entire site will be able to house up to 60 000 birds. The farm boundary is 1.5ha and the development site boundary is 9 838.40m².

The project will entail the following:

- Earthworks and clearing of vegetation (0.9ha of indigenous vegetation) on the site for 6 poultry houses.
- Construction of 6 environmentally controlled chicken houses (70m x 6m) with capacity for 10 000 birds per house, totalling 60 000 birds.
- A silo and water tank will be erected next to each house.
- Powerlines will be connected to each house from the existing Eskom point.
- Pipelines will be connected to each house from an existing borehole.
- The site will be fenced off with a 2.4m high electric fence.

The study area is located 2km west of Mahikeng in the Northwest Province within the Mahikeng Local Municipality area and Ngaka Modiri Molema District Municipality, North West Province. A secondary road between Slurry (south) and Bewley (north) runs directly next to the site with a dirt road providing access to the site.

Farm Name(s) and Portions	The following portions and farms: Lanric 59 JO <ul style="list-style-type: none">• Portion 44 (portion of portion 27)
Size of Survey Area	1 hectare

Magisterial District	Ngaka Modiri Molema District Municipality Mahikeng Local Municipality
1:50 000 Map Sheet	2525DC
1:250 000 Map Sheet	2524
Central Coordinates of the Development	25°50'60.0" S 25°41'49.0" E

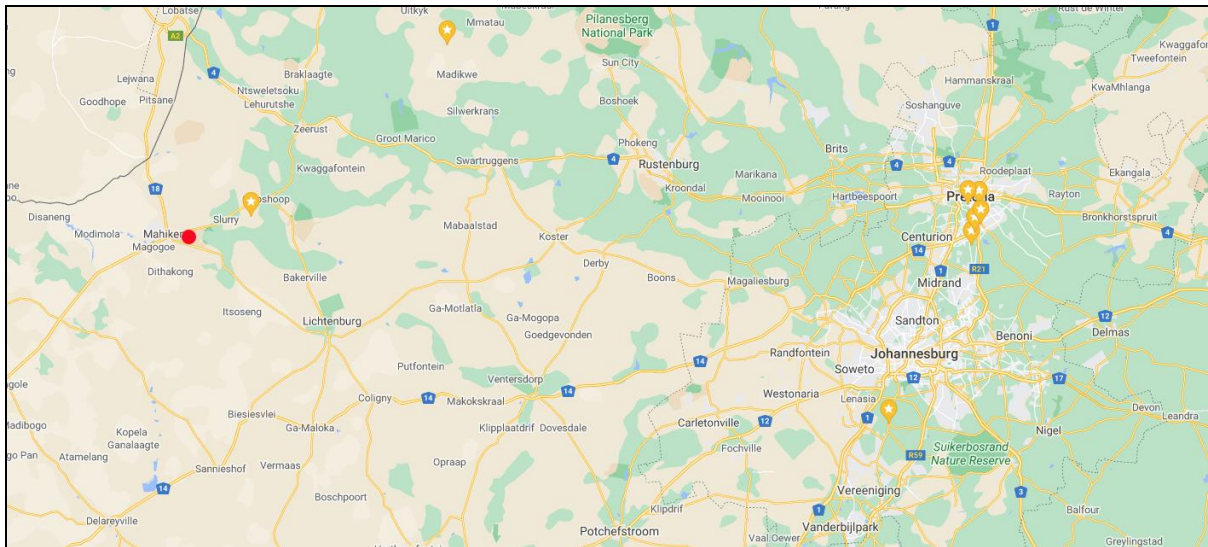


Figure 1: Regional context of the survey site, located east of Mahikeng

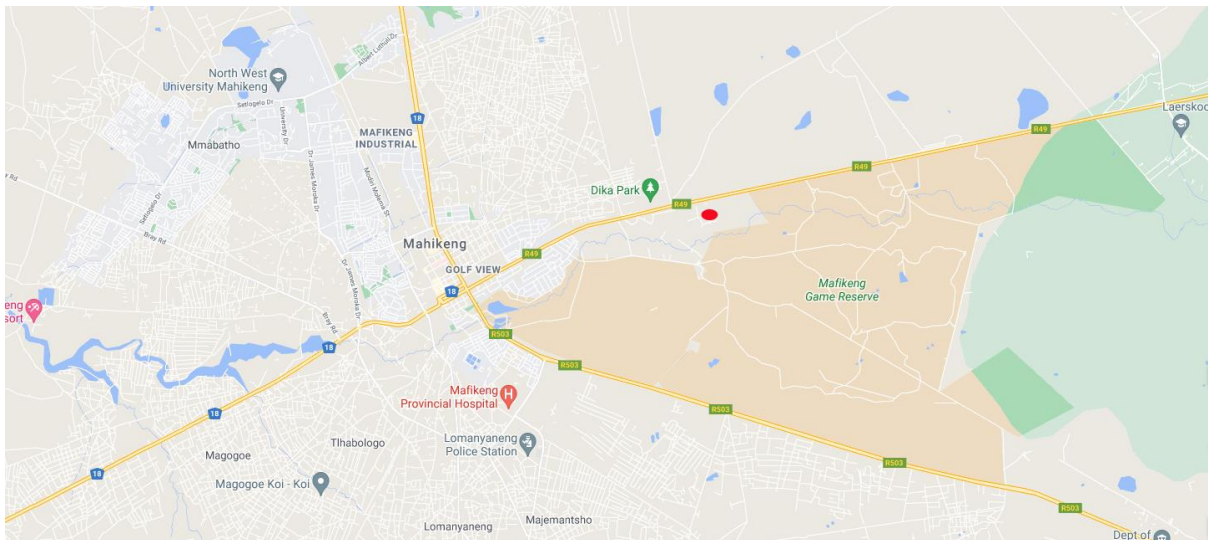


Figure 2: Local context of the survey site, located east of Mahikeng

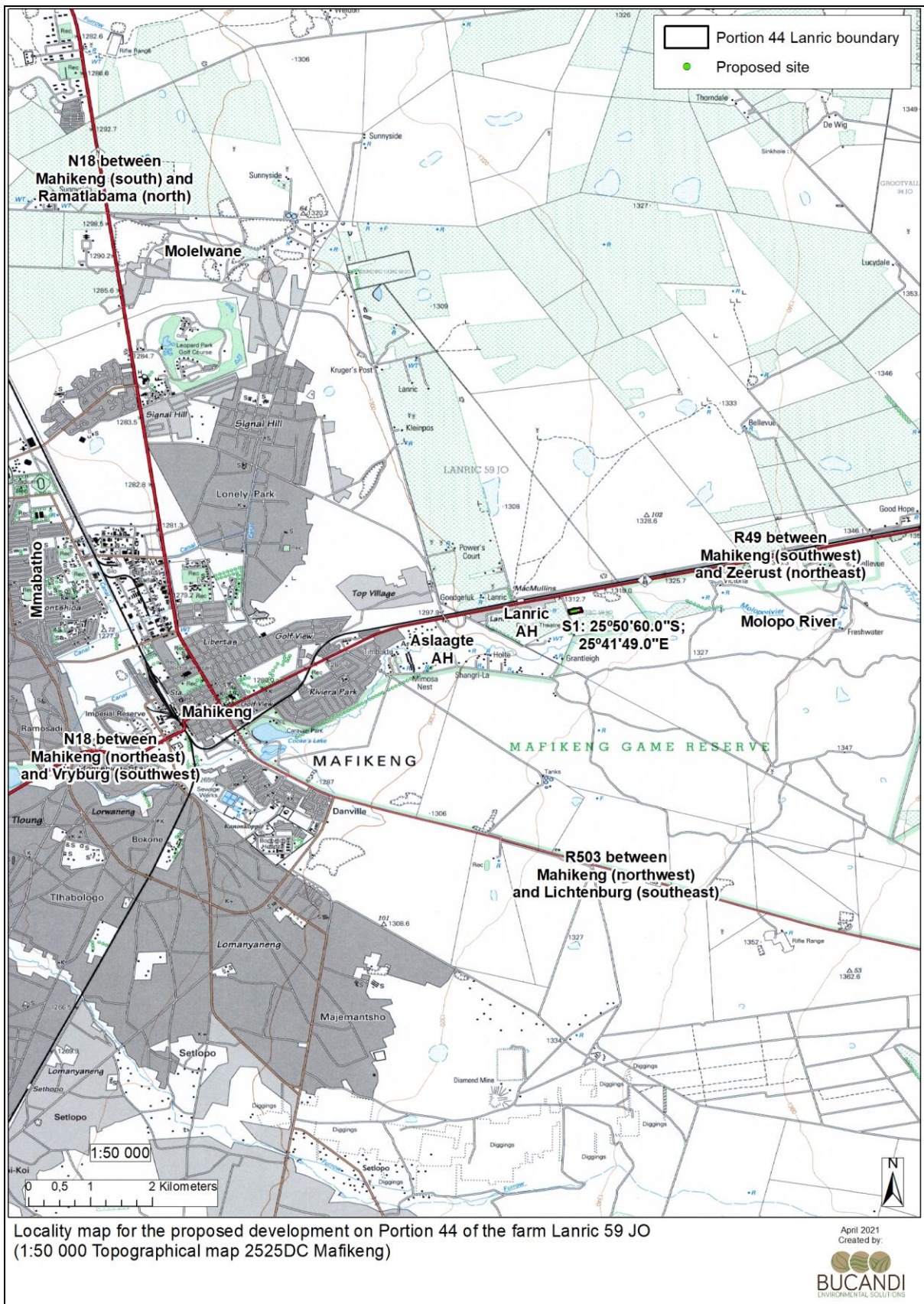


Figure 3: Location of the survey site east of Mahikeng

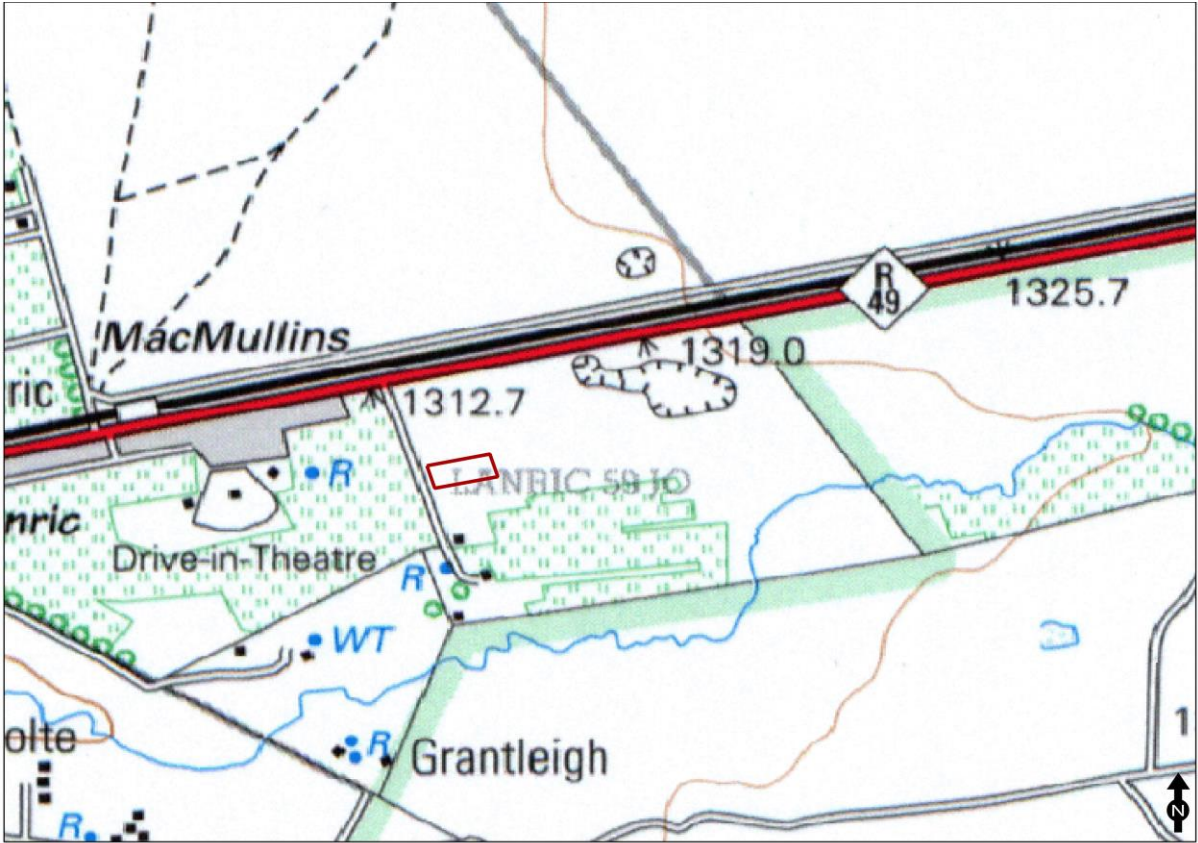


Figure 4: Location of the survey footprint as indicated on the 1:50 000 map 2525DC (1996)



Figure 5: The general layout of the survey footprint on Google Earth Pro (2021)



Figure 6: The general layout of the survey footprint (cleared) on Google Earth Pro (2020)

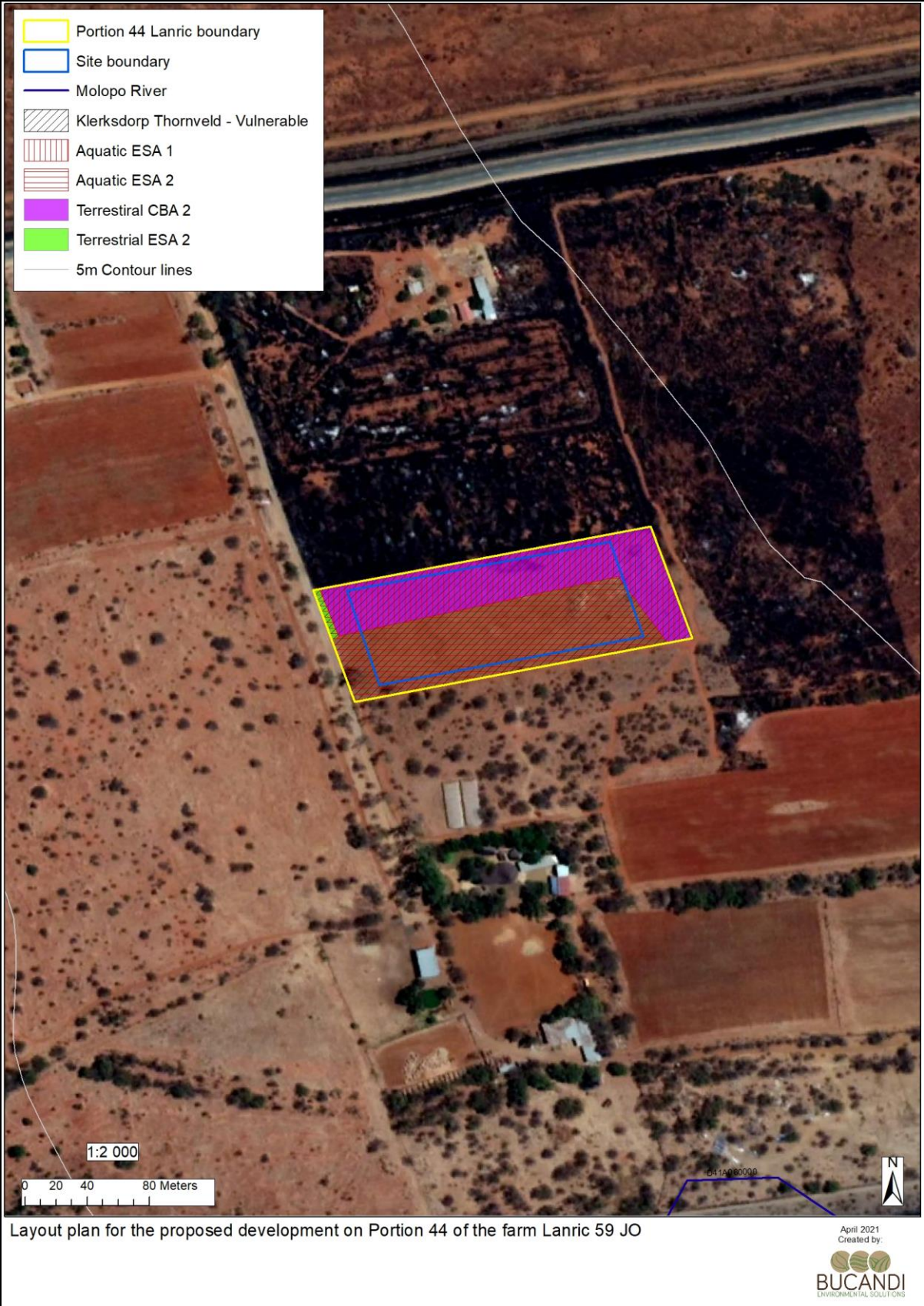


Figure 7: Layout of the proposed development



Figure 8: General view of the survey site



Figure 9: General view of the survey site



Figure 10: General view of the survey site

4. Site assessment and observations

The one hectare site is located adjacent to a dirt track, east of an existing Drive-in-theatre and situated west of a burrow pit (excavations). The site was covered in grass and medium bushes and trees until recently. However the site has been completely cleared of surface brush in early 2020. According to the SAHRIS database the nearest heritage sites are a graveyard (Site ID. 39834) and an assemblage of artefacts (Site ID. 39833) approximately 2 km north-west of the site. Most of the surroundings areas have been either cleared or ploughed during the recent past and no indications of heritage remains in the area are currently known. No historical structures or events are associated with the specific site.

4. Recommendation

It is therefore recommended that the proposed construction of six poultry houses on portion 44 (portion of portion 27) of the farm Lanric 59 JO be allowed to continue.

Also, please note:

Archaeological deposits usually occur below ground level. Should archaeological artefacts or skeletal material be revealed in the area during development activities, such activities should be halted, and a university or museum notified in order for an investigation and evaluation of the find(s) to take place (NHRA (Act No. 25 of 1999), Section 36 (6)).



FP Coetzee

99 Van Deventer Road

Pierre van Ryneveld

0157

Tel: 012 429 6297

Cell No: 0827077338

coetzfp@gamil.com

ASAPA CRM Reg No: 28

Environmental Assessment Practitioner

Bucandi Environmental Solutions

23 Burger Street

Viljoenskroon

9520