Attachment 3

WATER GATHERING GROUND RISK ASSESSMENT REPORT

Sai Kung Stray Friends Foundation Limited

Proposed Temporary Animal Boarding Establishment (Stray Dog Welfare Facilities for Rescue, Rehabilitation and Community Education) and Associated Filling of Land for a Period of 3 Years at Various Lots in D.D.247 and Adjoining Government Land, No. 151 Tai Lam Wu Road, Sai Kung

Water Gathering Ground Risk Assessment Report

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1 Introduction

1.1 Objectives

1.1.1 This Water Gathering Ground (WGG) Risk Assessment Report has been prepared in support of a Section 16 Town Planning Application No. A/HK-SC/379.

1.1.2 The Site is to be used as an animal boarding establishment for a period of 3 years (the Proposed Development).

1.1.3 This report assesses the impact to the nearby WSD water gathering ground as a result of the Proposed Development, with discussion of proposed mitigation measures.

1.1.4 The Site is located in a water gathering ground and the proper collection and disposal of wastewater from the Site is therefore very important.

1.2 Information Available for this Study

1.2.1 Reference has been made to publicly available topographic plans of the area.

1.2.2 For the limit of Water Gathering Ground, reference has been made to https://hked.epd.gov.hk/map/en/Map.

1.3 Objective of the Report

1.3.1 The objective of the WGG Risk Assessment is to demonstrate with the proposed measures including those of the drainage and sewerage, the proposed development will not impose adverse impact on the relevant water gathering ground, specifically the relevant water course in concern.

1.4 Structure of the Report

1.4.1 Structure of the report is as follows:

- Chapter 1 provides a general introduction to the report;
- Chapter 2 provides an outline of the Project;
- Chapter 3 provides a brief account of the planning and implementation programme of the Project;
- Chapter 4 provides an outline of the existing and planned drainage and sewerage facilities for Project;
- Chapter 5 assesses the impact of the Project to the water gathering ground where the Site is located, and the relevant stream course next to the Site to be specific; and
- Chapter 6 provides a conclusion to the report.

2 Project Outline

2.1 Project Title

2.1.1 The Project Title is "Proposed Temporary Animal Boarding Establishment (Stray Dog Welfare Facilities for Rescue, Rehabilitation and Community Education) for a Period of 3 Years at Various Lots in D.D.247 and Adjoining Government Land, No. 151 Tai Lam Wu Road, Sai Kung". The location of the Site is shown in **Figure 1**.

2.2 Proponent

2.2.1 The proponent of the project is Sai Kung Stray Friends Foundation Limited.

2.3 Contact Person

2.3.1 For issues relating to the WGG Risk Assessment, please contact Jeffrey CHAN at [redacted].

2.4 Nature and Description of the Project

2.4.1 The proposed development consists of various covered dog kennels and paved areas for exercising of the dogs, together with various structures for storages and ancillary community education (i.e. open spaces). The Site also include various grassed areas. The Layout (Block) Plan for the proposed development is included in **Appendix A**. The S16 Application is for a period of 3 years, so all facilities will be generally temporary in nature. The Application Site covers an area of approximately 4,010m^2.

2.4.2 The Site is already largely paved, and no additional paving is proposed. The Site also has existing drainage channels, which discharge to a large natural stream course a short distance to the south of the Site. The existing drainage channels will be retained for the future development.

2.5 Planning Application and Lease Modification

2.5.1 This WGG Risk Assessment has been prepared in support of the S16 Application No. A/HK-SC/379.

2.5.2 Short Term Waiver Application will be applied to Lands Department upon TPB Approval to enable the Proposed Development under Lands Administration.

2.6 Location and Zoning

2.6.1 The Site is located a short distance to the east of Tai Lam Wu Road and approximately 100m south of Tai Lam Wu Village.

3 Planning and Implementation Programme

3.1 Planning and Implementation

3.1.1 The proposed development will be planned and implemented under the supervision of appropriately qualified and experienced professionals. The construction of any works for the proposed development will be carried out by a suitable contractor.

3.2 Project Timetable

3.2.1 The development is expected to be completed by late 2026 - 2027.

3.3 Interface with Other Projects

3.3.1 There is no foreseeable direct interface with other development projects in the area, which should be considered at this time.

4 Drainage and Sewerage

4.1 Existing Drainage Routes and Conditions

4.1.1 The main drainage system for the area, including the Site, is the large natural open stream course conveying runoff from the sloping hillsides beneath Middle Hill (Cheung Shan) towards Ho Chung River, to the east. The stream course is steep (in the order of 1 in 5 adjacent to the Site) and largely unformed (natural) with boulders and pools. The overall upstream catchment is indicated on **Figure 2.**

4.1.2 Immediately to the north of the main upstream catchment is the WSD High Island Catchwater system, with Catchment M13, Sub-catchment SUB003U discharging to High Island Catchwater Section JA1 on the opposite side of Tai Lam Wu Road to the Site. The Catchwater runs generally northwards from the start of the channel, which is just to the north of the main stream course passing the Site, i.e. the WSD Catchwater system will convey runoff to the north and away from the Site and main stream course which the Site discharges to.

4.1.3 The nearest property downstream of the Site is approximately 260m to the east and 40m lower in elevation than the Site, at No. 11 Ngau Pui Wo.

4.1.4 The Site itself and 2 small adjacent steep vegetated catchments discharging towards the Site (see **Figure 3**) are drained via various pipes and open rectangular channels. These drainage facilities run generally from north to south through the Site, before discharging towards the main stream course to the south of the Site. Photographs of the 2 main existing channels are included in **Appendix B**.

4.1.5 There is no history of flooding in the area.

4.2 Existing Sewerage

4.2.1 There is no public sewerage facility in the vicinity of Site.

4.2.2 The Site contains an existing septic tank adjacent to the toilet block where the sewage is believed to be discharged by soakaway.

4.3 Planned Sewerage

4.3.1 The proposed development at the Site will generate sewage from workers and visitors, as well as polluted wastewater from washing operations in the kennel areas. Solid waste such as dog dropping is physically collected and bagged for disposal via Government refuse disposal facilities.

4.3.2 Additional septic tanks are proposed to be located at the carpark area to facilitate desludging. The existing septic tank next to the toilet block will be converted to a pump pit where sewage collected will be pumped to the new septic tank for soakway. Sludge will be removed by tanking on a regular basis. The proposed septic tank will be located more than 30m away from the nearby stream course.

4.3.3 Refer to **Figure 4** for the proposed sewage collection strategy.

5 Water Gathering Ground Risk Assessment

5.1 Impact to Existing Catchwater and Stream Course

5.1.1 As discussed in the previous section, existing Catchwater section JA1 alongside Tai Lam Wu Road is located to the west of the Site. The catchwater intercepts surface runoff from the hilly area to its west. The Site is located at a lower platform than Tai Lam Wu Road, and therefore runoff from the Site will not affect the catchwater.

5.1.2 Surface runoff from the Site will be collected through roof drains and perimeter channels for subsequent discharge to the stream course at the south of the Site. Drainage from the carpark area of the Site will be led into the proposed oil interceptor before discharging. Potential for pollutant from entering the stream course would be minimized. The carpark area will be surround with kerbs to prevent runoff of the Site from draining to adjacent area.

5.1.3 Sewage generated from the toilet block and floor washing in the kennel areas will be collected and led into the proposed septic tank for soakway. The proposed septic tank will be located more than 30m from the stream course and therefore any pollutant entering the stream course would also be minimized.

5.1.4 Fence will be along the side of the Site adjacent to the existing stream course to prevent debris or litters within the Site from affecting the stream course. Signage will be erected within the Site near the side facing the stream course for alerting the existence of the WGG and pollution prevention is enforced.

6 Conclusion

6.1.1 The Site has existing drainage facilities to cater for runoff from the Site for discharge into the adjacent stream course. Oil interceptors will be provided in the carpark area to filter any oil and grease contained in the runoff before discharging into the downstream stream course.

6.1.2 Sewage generated from the Site consists of wastewater from the toilet block, and floor washing in the kennel areas of the Site. Sewage generated will be treated in the proposed septic tank located at the carpark area for subsequent soakaway. Sludge will be removed on a regular basis by tanking.

6.1.3 Other forms of solid waste, such as dog dropping in the kennel areas, will be collected and disposed of to the Government refuse collection point.

6.1.4 In conclusion, in view of the existing and planned drainage/sewerage facilities, the quality of the runoff entering the stream course adjacent to the Site is not expected to be adversely affected by the Site.

APPENDIX

A

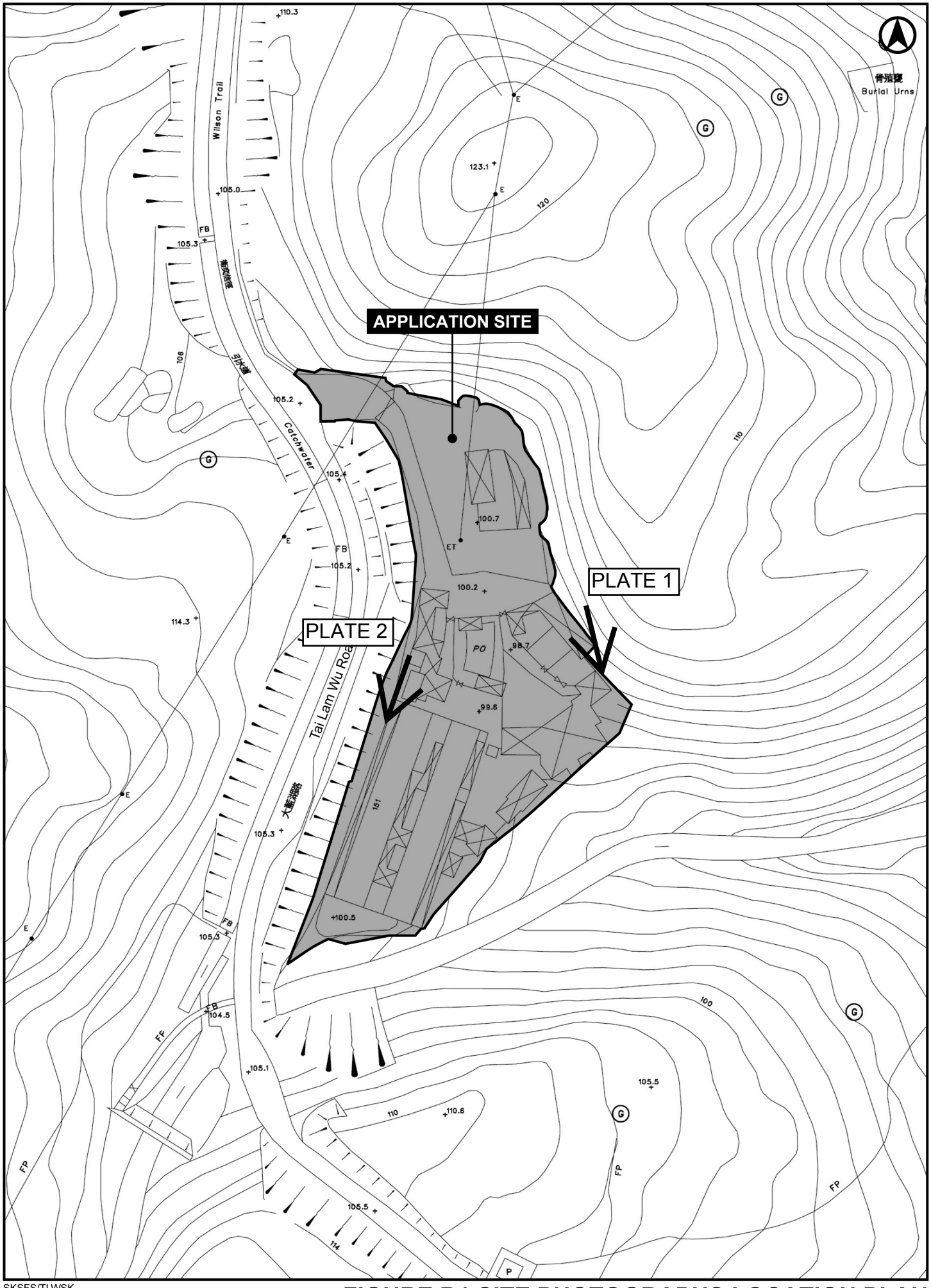
Layout Plan

(Please refer to Attachments 2 and 5 of the R-to-C Table)

APPENDIX

B

Site Photographs of Existing Channels



SKSFS/TLWSK

FIGURE B1 SITE PHOTOGRAPHS LOCATION PLAN

SCALE 1 : 1,000

Proposed Temporary Animal Boarding Establishment (Stray Dog Welfare Facility for Rescue, Rehabilitation and Community Education) for a Period of 3 Years at Various Lots in D.D. 247 and Adjoining Government Land, No. 151 Tai Lam Wu Road, Sai Kung

Appendix B – Site Photographs (Dated 2026)

See Plan for Locations.

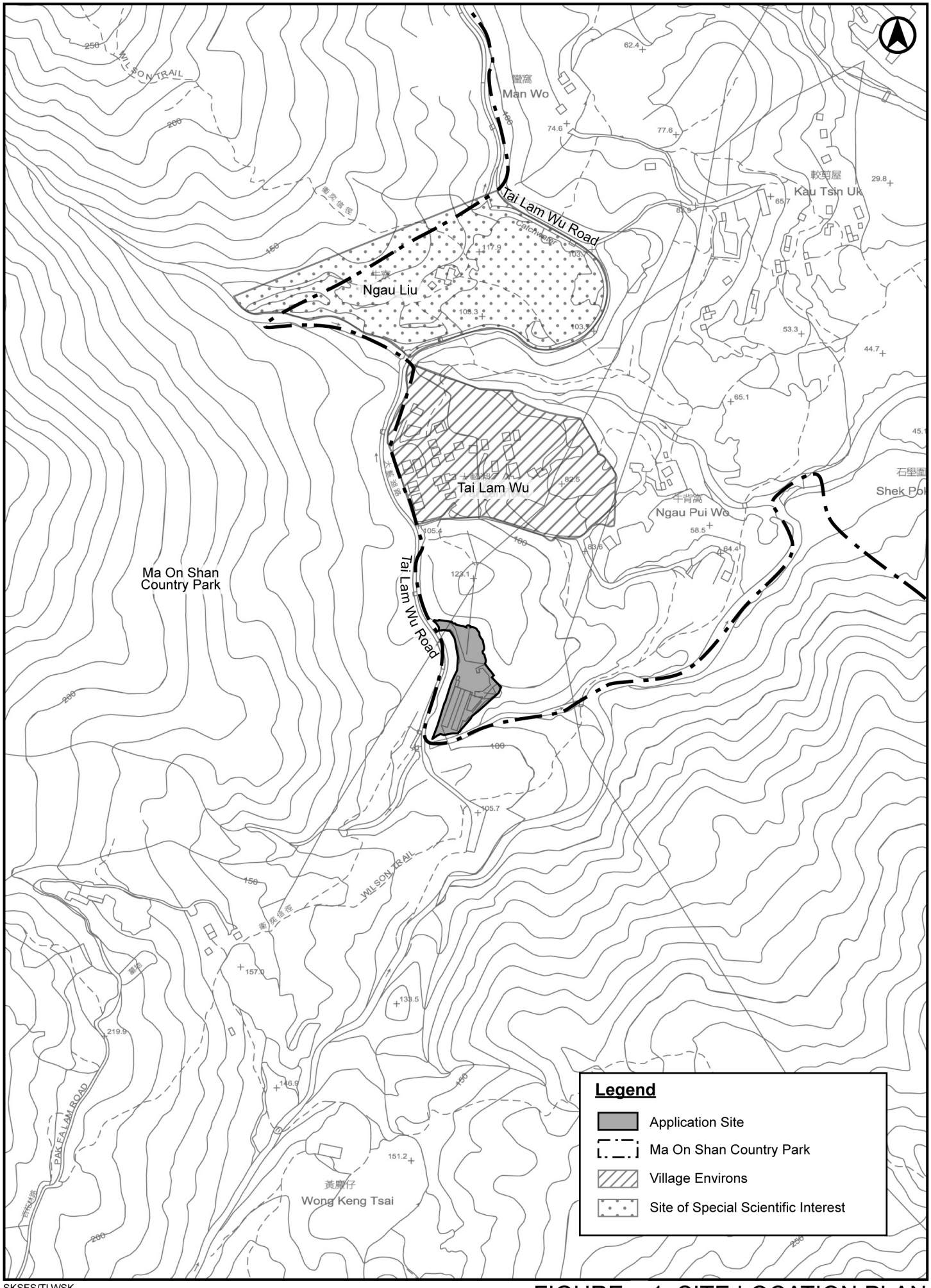


Plate 1 – Existing Open Channel (Eastern Side)



Plate 2 – Existing Open Channel (Western Side)

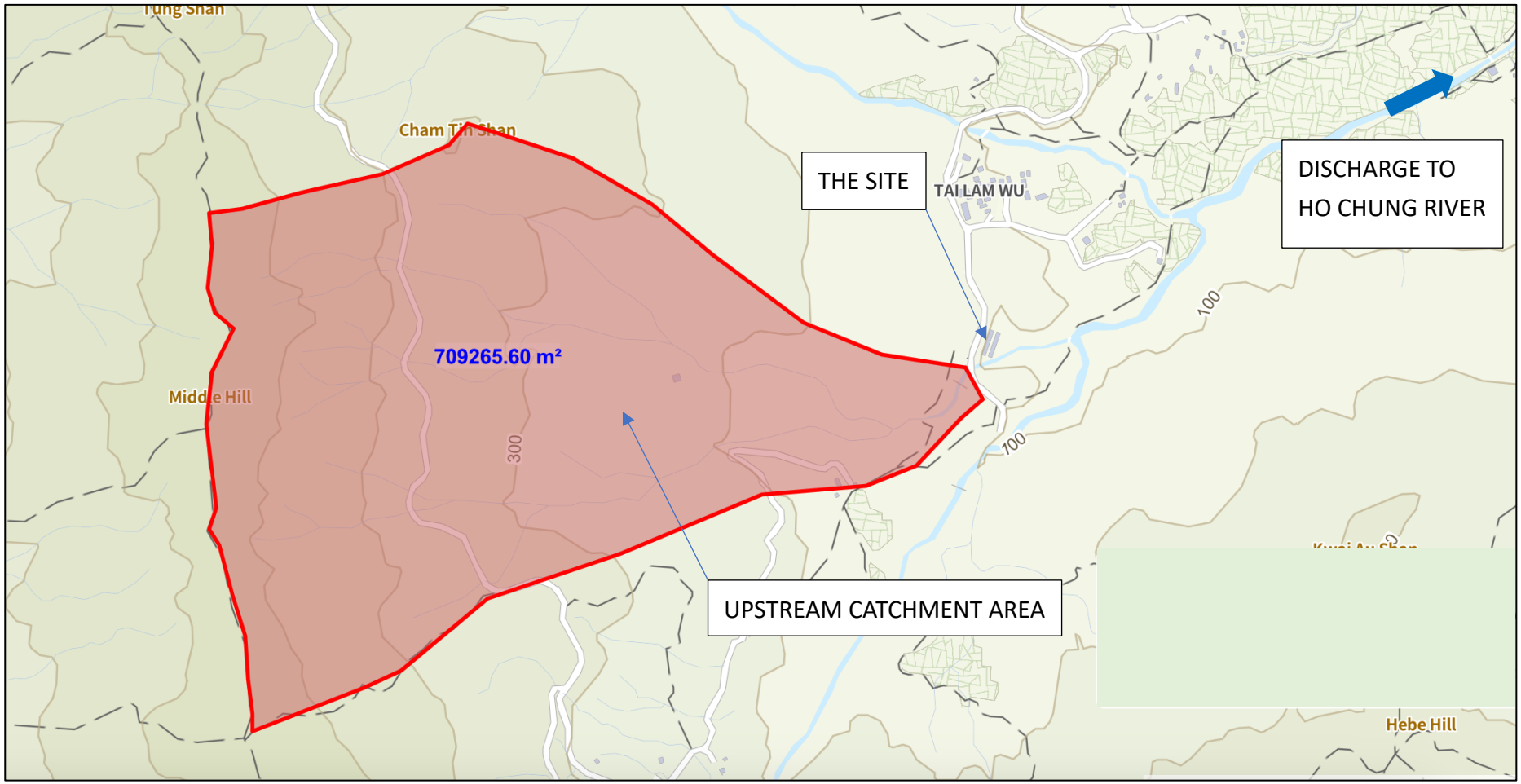
Figures



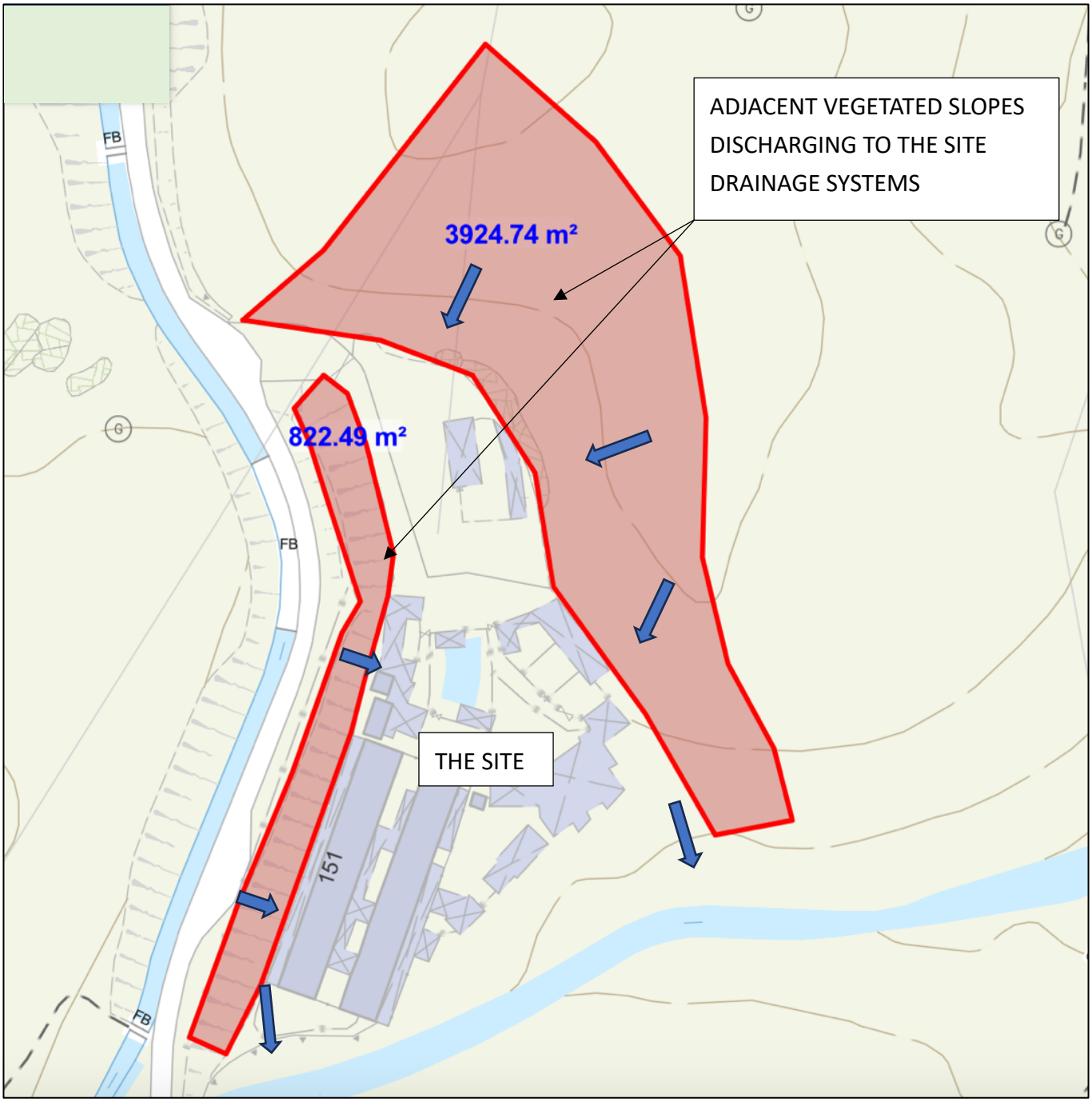
SKSFS/TLWSK

FIGURE 1 SITE LOCATION PLAN

SCALE 1 : 5,000



Proposed Temporary Animal Boarding Establishment (Stray Dog Welfare Facility for Rescue, Rehabilitation and Community Education) for a Period of 3 Years at Various Lots in D.D. 247 and Adjoining Government Land, No. 151 Tai Lam Wu Road, Sai Kung	**Upstream Catchment Area**
	Figure 2



Proposed Temporary Animal Boarding Establishment (Stray Dog Welfare Facility for Rescue, Rehabilitation and Community Education) for a Period of 3 Years at Various Lots in D.D. 247 and Adjoining Government Land, No. 151 Tai Lam Wu Road, Sai Kung	Adjacent Catchment Areas
	Figure 3

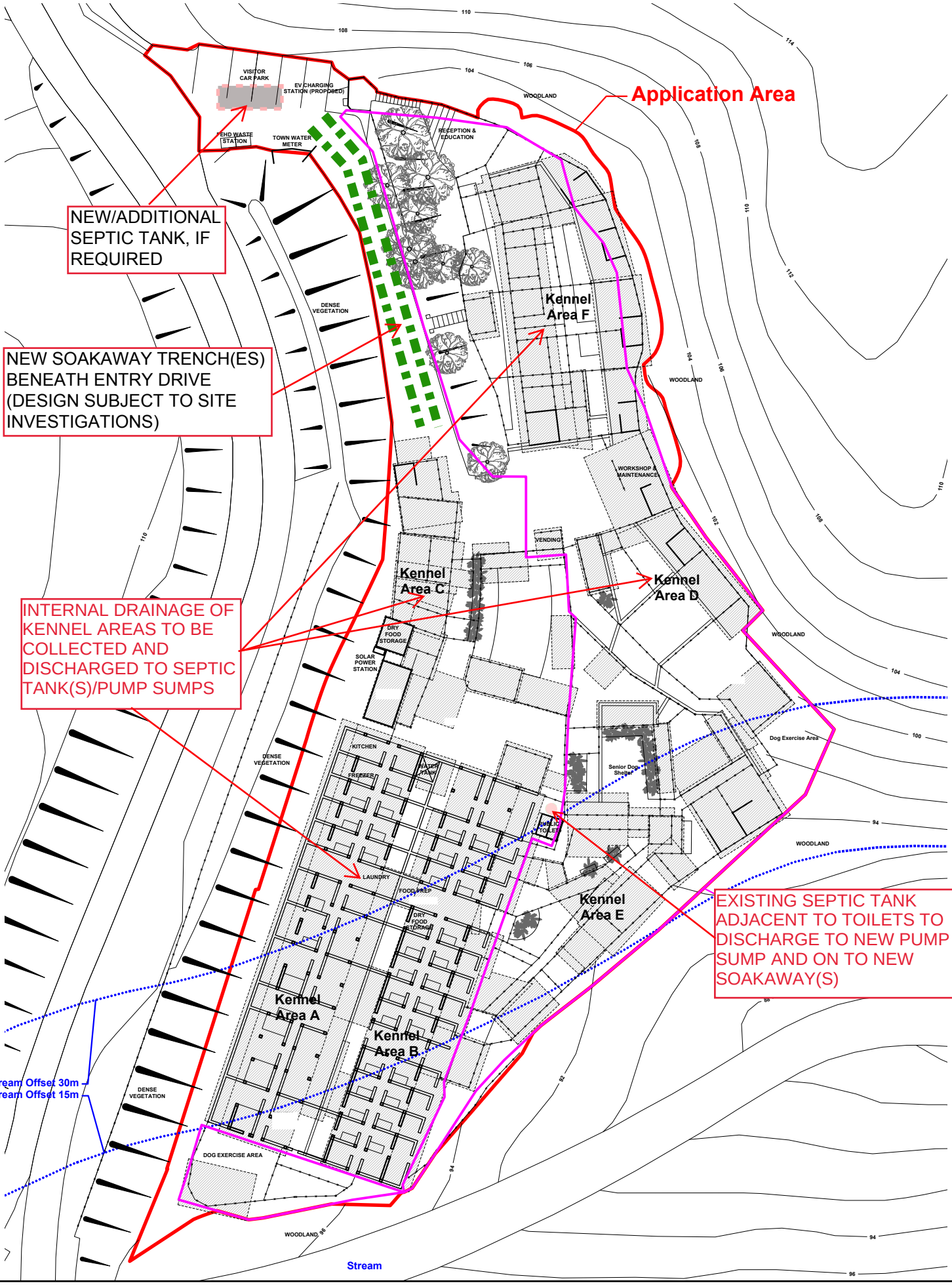


FIGURE 4
CONCEPTUAL ARRANGEMENT OF FOUL WATER COLLECTION AND DISPOSAL

FOR DEMONSTRATION ONLY. PLEASE REFER TO APPENDIX A FOR LAYOUT PLAN.