**Sustainability T Levels Plan**

The Hawksdale Estate is an existing area of heritage residential estate within the countryside of the United Kingdom. The estate was initially constructed during the 1500’s, with Hawksdale hall at its centre being redeveloped during the late 1700’s. The estate features a heritage church still used by the local community and extensive gardens including a nature garden, fishing pond and a disused area of land around the historic stables.

A private developer has recently purchased the Hawksdale estate with the intention of developing on the land to extend present facilities and create a high end, state of the art Hotel, Spa and Countryside resort facility.

**Initial Client Brief**

The client has hired you as the main contractor for the project and needs your support in furthering the design of the project to meet a wide array of sustainability requirements. Your job is to meet the requirements of the client at each stage, providing a reasoned explanation for your decision making.

**Estate Plans and Details**

The Client has provided a basic overview on the project site as it currently exists and their plans for development.

**Activity 1: Planning Permission, Legal Requirements and Initial Plans**

The client needs your support in answering questions regarding legal and regulatory compliance requirements to help secure permission for the project to go ahead.

**Activity 2: Delivering a Sustainable Building**

The client is reviewing the design and specification of the building to make sure it’s maximising on its sustainability potential.

**Activity 3: Changes, Problems and Issues**

A number of issues and changes have arisen on the project and the client needs your support in providing management proposals to meet legal requirements and support their own aspirations.

**Activity 4: Reaching for Higher Targets**

Based on your performance in planning the delivery of the development to date, the client team has identified opportunities to get further accreditation through sustainability assessments. They want your support in reviewing the assessments and proposing how feasible meeting these assessments would be based on existing plans.

**Activity 5: Presenting the Project**

Based on your work across the whole project, please create a 5 minute presentation on your version of the Hawksdale project to be delivered to your site manager. This presentation should cover the most important sustainability aspects of the project and give an overview of how you would deliver the project without excessive or unnecessary detail. Please record this presentation.

Collateral

General

* Client Brief
* Site Plan

Task intro Video

Activity 1

* Planning Requirements
* Legal Requirements
* Client Requirements
* Local Area Map
* Existing Site Map
* Proposed Development Map (Client Side)
* Site Sustainability Plan Template

Activity 2

* Building Design
* Optimisation Options
  + Environmental Benefit
* Government Subsidies and Technologies options
  + Technology Sustainability Benefit
  + Associated Subsidy
* Client Budget Increase

Activity 3

* Map of identified Issues
* List of Identified issues and associated requirements
* Embodied Carbon Overview and Options
  + Materials / Elements by cost & carbon
  + Options by cost & carbon

Activity 4

* Assessment 1 pagers
* Suggested Options
  + Benefit