



### **PART 1: GENERAL DESCRIPTION AND LOCATION**

1. Name and Address of Building visited

2. Provide a detailed description of the area in which the building is situated.

3. Sketch a detailed site plan of the building showing its general shape and its relationship with Surrounding buildings and structures.

# Proforma B



4. Sketch an approximate elevation of the building you are auditing

A large, empty rectangular box intended for sketching an approximate elevation of the building being audited.

# Proforma B



5. Write a detailed description of the building itself noting any particularly interesting features or characteristics, particularly concerning the cladding.

6. Take a photograph showing a general overview of the building (eg an elevation shot etc.)

Photo to be inserted here during debriefing session.

# Proforma B



## PART 2: CONSTRUCTION

1. By observing the finished building and taking cognisance of the site and its surroundings describe **FIVE** key issues that needed to be overcome during the construction of the building you are studying.

(a)

(b)

(c)

(d)

(e)

2. Under the following elemental headings, provide a construction specification for the building based on what you can observe. If you cannot observe something, simply note that fact down

(a) **STRUCTURE**

# Proforma B



**3. Under the following elemental headings, provide a construction specification for the building based on what you can observe/..... continued.**

**(b) ROOF/ ROOF CANOPY CONSTRUCTION (If Observable)**

**(c) CLADDING SYSTEM(S)**

**(d) FLOOR AND CEILING FINISHES (Provided these can be observed)**

# Proforma B



4. Sketch a detail of the primary cladding system that you observe showing how it is secured to the structure.

# Proforma B



5. Identify any hazards or construction risks that you can determine would have been evident during constructing the cladding system of the specific building you are auditing.

# Proforma B



## **PART 3: COST**

**1. Identify the 2 construction elements found on or within the building that you suspect would be most expensive.**

**2. Describe how these elements or materials add to the building in terms of its quality, prestige, visual appeal, aesthetics or performance in use.**

# Proforma B



**3. List an alternative for each item that would perform the same basic function.**

**4. Evaluate how the building would look or perform during its lifespan with these substitutes**

# Proforma B



5. Analyse the value that is offered by using the components and materials that have actually been used and appraise why these represent a worthwhile expense for the client and for the building.

# Proforma B



## PART 4: PERFORMANCE IN USE

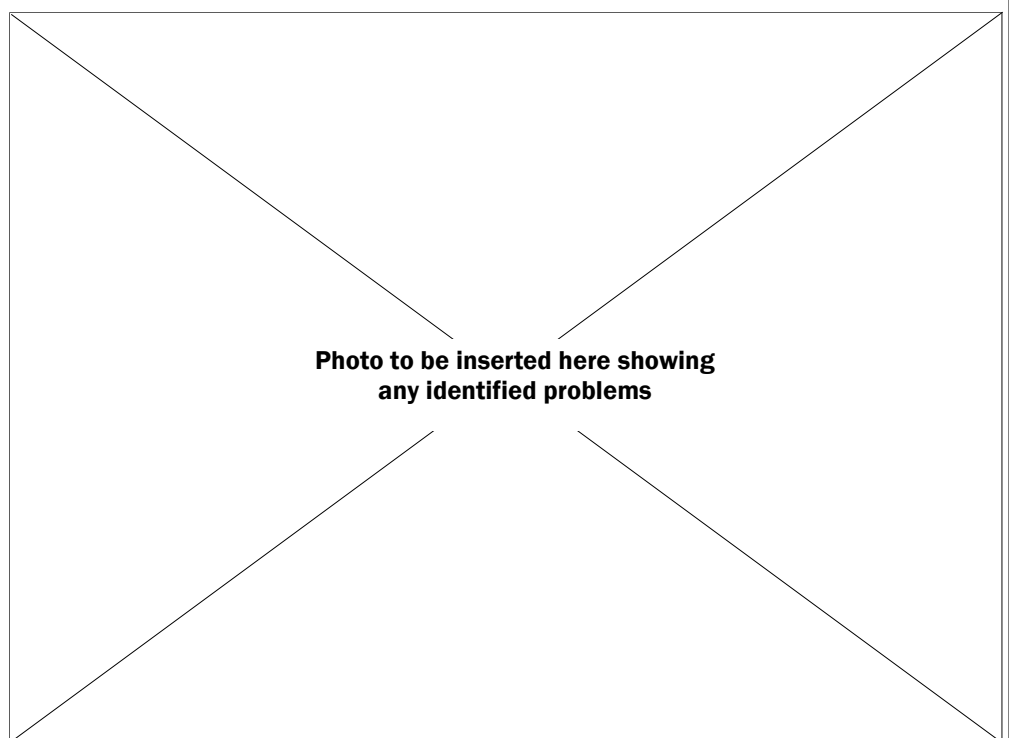
1. Write a detailed description of the general condition of the cladding system on the building . Note whether the materials and components used are suffering from wear and tear, weathering, deterioration or a build up of dirt.

# Proforma B



4. Evaluate the performance of the materials and components insitu and report whether any observable failures may be attributed to poor design detailing. If so, offer suggestions on what may have been detailed incorrectly and provide guidance on how the design could have been improved (Use sketches as necessary).

If there is no evidence of any failures or performance problems, describe the maintenance regime that is likely to be necessary to ensure that in 10 years time the areas you have studied will continue to perform as well as you observe them to today.



# Proforma B



5. Identify and appraise any hazards or risks that may be evident with respect to the maintenance of this building or the cleaning of various elements particularly claddings.

# Proforma B



## **PART 5: ENVIRONMENTAL DESIGN / PERFORMANCE**

- 1. Describe the likely relationship between the buildings skin ie. its cladding systems and its environmental performance. Consider issues such as heating/ cooling cycles, daylighting, ventilation strategies, energy consumption etc.**