

CONFIDENTIAL

Statement of Work
Design Detail
NHP Engineering

EGGLAND'S BEST
CONTAINMENT PACKAGE



Design Detail Instructions

This detail will be submitted to the client. All information must be organized, correct, and proofread.

Task 1: An “Egg Containment Unit” can be designed in a variety of ways. Our client is very open to any design idea that works.

A) Brainstorm with your team:

- What designs, ideas, features, materials, etc... might work to build the “Egg Containment Unit”?

B) Create a written brief of all design ideas for the Chief Engineer. These ideas must be detailed and easily interpreted by our client.

- Each idea should be a separate paragraph, design drawing, or slide.

Task 2: Pick one of your designs to be the final design to build.

A) Create a written brief of your final design for the Chief Engineer.

- Include all major features and why you feel it will be the most successful design.
- Include accurate planning drawings/diagrams and your list of requirements to create the chosen design.

Task 3: Describe the success criteria of the chosen idea.

A) Create a written brief for the Chief Engineer.

- What factors, features, innovations, etc... do you think will make your final design successful?

Grade	Criteria
0	You do not create the necessary work
1-2	<ol style="list-style-type: none"> 1. You list some design specifications for the design of the solution 2. You present one design idea, which can be interpreted by others 3. You create an incomplete planning drawing/diagram
3-4	<ol style="list-style-type: none"> 1. You list some design specifications, which relate to the success criteria for the design of the solution 2. You present a few feasible designs, using appropriate material(s), medium(s), or annotation, which can be interpreted by others 3. You justify the selection of the final design with reference to the design specifications 4. You create planning drawings/diagrams or lists of requirements for the creation of the chosen solution
5-6	<ol style="list-style-type: none"> 1. You develop design specifications, which outline the success criteria for the design of a solution 2. You present a few feasible designs, using appropriate material(s), medium(s), or annotation, which can be interpreted by others 3. You present the chosen design and justify its selection with reference to the design specification 4. You develop accurate planning drawings/diagrams and list requirements for the creation of the chosen solution
7-8	<ol style="list-style-type: none"> 1. You develop design specifications, which explains the success criteria for the design of a solution 2. You present a few feasible designs, using appropriate material(s), medium(s), or annotation, which can be interpreted by others 3. You present the chosen design and justify, fully and critically, its selection with detailed reference to the design specification 4. You develop accurate planning drawings/diagrams and list requirements for the creation of the chosen solution

Terms:

States: Give a specific name, value or other brief answer without explanation or calculation.

Outlines: Give a brief account.

Explain: Give a detailed account including reasons or causes.

Justify: Give valid reasons or evidence to support an answer or conclusion

Prioritize: Give relative importance to, or put in an order of preference.

Describe: Give a detailed account or picture of a situation, event, pattern or process.