



Copperstone Construction Ltd
16 St James Crescent
Uplands
Swansea
SA1 7DD

01792 567456
Enquiries@CopperstoneLtd
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UWTSD
1 Kings Rd
Swansea
SA1 8PH

Dear Client,

Company: Copperstone Construction Ltd

Mission Statement: Building today's infrastructure for tomorrow's needs

About us:

At Copperstone Construction Ltd we pride ourselves on our ability to deliver a well contrived construction that not only meets the needs of our clients but also that of the surrounding community, while considering every action that is taken and the potential impact that it could and will have on the world.

Our aims:

Our aim as a company is to Design and Build a structure that meets the need of the client while considering the impact that it has on the surrounding area.



Providing University of Wales Trinity St David with a bespoke leisure facility that will boast a state-of-the-art Olympic swimming pool, and all related facilities required, including the necessary changing and sanitary facilities. To also incorporate the surrounding water to maximise its ability to provide a range of other water sports, as well there will be rugby/football facilities and five tennis courts included adjacent to the building. Parking will also be located on site to facilitate the building.

Concept of the construction:

This project is to provide a facility aesthetically that fits with the surrounding area, embracing the cultural heritage of the site and incorporation of local materials that will embed the building into the area. The design of the building will have traditional elements to the appearance but will also incorporate a modern contemporary aspect that will define it as a new state of the art building.

As well as the appearance we believe as an organisation that the function of the building is vital, that is why there will be full consideration towards the life cycle management of the facilities and mechanical services of the structure. Making use of modern building service technology like ground source heat pumps, solar tiling/paneling, thermal mass heat retention, and Building Management Systems.

As well as the function of the building, it is important to our organisation to be considerate towards the type of materials that are used in the construction of the building, these will include things like recycled aggregate, recycled steel reinforcement bar, ash waste as cement substitute. We will also aim to use local labor, plant and locally supplied materials wherever possible.



Aims for the community:

We understand that UWTSD as an organization that prides itself on the work that it conducts and its involvement with the local communities that its campuses encompass. When designing the project there will be consideration made to the needs of the community, regarding access to the facilities once completed. Communication will be vital to understand the needs of the surrounding residents and businesses, we will do our utmost to maintain the reputation of UWTSD through constructive dialog and engagement with all parties concerned.

In the construction phase there will be consideration made to minimise the impact on the community that surrounds the site. This will include the impact of noise and vibrations that could impact residents and businesses in the area, as well as the access and obstructions to the community caused by site traffic and supplies.

Where the facilities will be located:

The facility will be located at SA1, Plot 9, this piece of land is located on the corner of the lock gate entrance to the Prince of Wales Dock from Kings Dock. Situated between the boundary of Roberts Rd and the edge of the Prince of Wales Dock.



The job role of each design team member on the current project

Project Manager: James Stedman Cullen (P151951)

- Leading and developing the client's brief
- Identifying and managing the projects risk
- Managing the feasibility and strategy stages
- Establishing project program
- Co-ordinate legal and regulatory consents
- Integration and flow of design information
- Preparation of design and construction schedules
- Critical path method networks
- Establishing time, cost, quality and function benchmarks
- Administering construction contracts

Lead Designer: Joseff Oliver Williams (P152113)

- Interpret the clients user requirement and transform them into the building design
- Produce the design in Revit and to BIM level 2
- Work within the boundaries of the site and planning limitations
- Produce innovative solutions to the site's limitations

Quantity Surveyor: Daniel Rowlands (1708248)

- Provide strategic definition/brief
- Advise on cost and prepare cost plan/cash flow forecast
- Prepare, maintain and develop cost plan for concept and developed design



- Advise team on impact of cost to design development
- Prepare interim evaluations/payment
- Advise on cost of any variations
- Organise the cost of claims and contractual matters
- Preparation of the final accounts

Environmental health officer/ public relations: Rhys James Mathias (1701347)

- Protecting people that are living and working around the site
- Construction and works impact reports
- Environmental protection and pollution control
- Noise control
- Health and safety at work
- Waste management
- Working and building standards
- Environmental Impact assessment and reports
- Community liaison/engagement and relations
- Investigating accident prevention and occurrence

Structural/services Engineer/ BIM Coordinator: David Andrew Whitecross (1903789)

- Design and supervise the structural and service elements of the construction
- Provide justification and impact of the services that are to be implemented
- Design site foundations to be used (including Loads and Stresses)
- Analyze the behavior of the materials to be used, ensuring structural soundness
- Ensure teams compliance to BIM level standards



- Delivery of appropriate visuals of model
- Create BIM values that influence the commercial outcomes of the project
- Develop a BIM execution Plan
- Integrate design information with the model and identify any clashes and produce a clash register
- Manage extraction of key data from project model
- Interface with the project planning and design to create a 3D virtual model of the building

Kind Regards

The Design Team



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Dear Client,

This letter is to provide notification of personnel change between roles of our team members that will deliver your project, also to respond to the design concepts that reply to the feedback from the meeting that was conducted between yourselves and our design team.

Role changes

David Andrew Whitecross (1903789) will be moving from structural and services engineer to now become the lead designer and deliver the architectural drawings to the proposed project.



Joseff Oliver Williams (P152113) will now be providing the structural calculations for the foundation requirements, also, the delivery for the site plans.

If you have any questions about these role changes or the attached revised design for the structure, please don't hesitate to contact us.

Kind Regards

David Whitecross

LEAD DESIGNER