

Technical Designer

Job Description

Reports to:	Head of Technical Design
Responsible for:	N/A
Salary:	£31,000 per annum
Contract:	Permanent, 40 hours per week
Benefits:	28 days annual leave (inclusive of Bank Holidays); contributory pension

Inclusion and Diversity

We are committed to cultivating a culture of inclusion at TRP with a workforce, participants and audiences that reflect the diversity of the communities we serve.

The collective power of each team member's life experiences, knowledge, innovation, self-expression and talent creates the very best environment for us to achieve our ambitions and lead the sector.

In recruiting for our team we recognise the unique contributions that you can bring in terms of education, opinions, culture, ethnicity, race, sex, gender identity and expression, nation of origin, age, languages spoken, colour, religion, disability, sexual orientation and beliefs.

The Role

The Technical Designer sits in a small team that forms the Project Development Department. The role is project based and involves the production of technical design drawings to facilitate the delivery of a diverse range of theatre-based construction projects at our TR2 workshops. You will work closely with the Head of Technical Design producing technical drawings and disseminating information to the workshops.

The role works with the workshop construction team in the efficient delivery of projects and will also entail close collaboration with production managers and designers, other workshops, and sub-contractors. The role is based at TR2 and will occasionally involve attending meetings away from Plymouth.

This is a development role and includes a 3-year personal development plan.

Experience of drawing, making, and installing three-dimensional work for the creative industries and a demonstrable understanding of materials and equipment used in the entertainment industry is desirable. We would like the applicant to demonstrate a creative and inquisitive approach to their work and problem solving.

Principal responsibilities

- You will work closely with Head of Technical Design to achieve the department's goals.
- You will work closely with the Head of Project Development to sustain relationships with clients and their design teams.
- You will effectively communicate project-related information from the Head of Technical Design to the wider team and when appropriate to our clients and their creative teams. Apply suitable material selection when designing and produce detailed construction drawings for scenic elements using AutoCAD.
- As a part of your day-to-day duties, you will liaise closely with our project managers to carry out detailed estimates and costings for materials and labour to inform the costing of projects.
- As a part of the costing and project delivery activities you will be required to purchase specific materials and equipment on a project-to-project basis.
- When appropriate you will be required to relay painting and finishing information for the projects that we are involved in to the appropriate team members.
- You will create information to go to the client for sign off and then to the workshop for construction. As a part of your day-to-day duties, you will liaise closely with the workshop manager and his team.
- You will bring together information for our review process. Comparing the original design brief with the work carried out to highlight efficiencies and maximise profits for all our projects
- You will work with clients, designers, subcontractors and freelancers relaying information between the workshop staff to facilitate the successful delivery of all our projects.
- You will bring together and communicate construction methods, instructions and build methodology for the delivery of our projects. Ensuring the correct paperwork is available to the client on delivery for all elements of the project.
- You will need to disseminate information and celebrate our achievements of all that we do through a broad range of channels to a wide array of people as and when appropriate.
- You will need to take responsibility for health and safety regulations. ensuring compliance when necessary.

Sustainable Design & Project Coordination and Implementation

Everyone has a role to play in moving forwards with sustainability.

Gather and include information within drawings that reflects our sustainable design approach.

Gather design information and develop information in conjunction with relevant specialists such as structural engineers and feed this information back into your work and that of the team.

Continuous Forecasting

Ensure the continuous monitoring of our project's progression ensuring that the brief is following the design intent and that is reflected within your drawings and all your project reporting.

Budget and Costing

Share budgetary responsibility in conjunction with the Head of Project Development to monitor budgets against the construction drawing proposals

Maintain an up-to-date knowledge of a wide range of materials that need to be considered in the types of projects that we are involved and when it is appropriate and or necessary to use them in our work.

Working with designers and the team producing drawing and information to implement their design as closely as possible within the existing budgetary constraints.

Keeping every Team Member informed

Working with the creative team to produce drawings for the construction of items for all of our projects, ensuring that everyone is engaged of a project's ebb and flow.

Awareness of changes that might occur from time to time that may impact on the project, and where you will need to alter drawings and information and let the relevant team members know of the changes.

Project Delivery

Develop an awareness of up-to-date materials and construction methods, adding this information to our existing archives when appropriate and adjusting our archive when necessary.

Develop proficiency in using our finance software and purchase specific items on a project-to-project basis, keeping a record of this with finance and aligning to agreed budgets.

Develop your work practice in response to developments in technology and new systems of working, adjusting how we work as a team and integrate these different ways of working into our day-to-day tasks.

Ensure each project has the appropriate construction method and instruction available to allow the wider team to carry out their tasks.

Create and maintain an archive for each project.

The Role & You

We want you to progress in the work and develop your role with us. We will agree a development programme which fits with your needs and ambitions as soon as you have settled into the role and understand the nature of the collaboration we encourage.

Person specification

We are committed to our core values of quality, diversity, creativity and collaboration. Everyone who works here, no matter what their function in the team, is expected to deliver their job and work with colleagues bearing these values in mind.

Being imaginative in everything we do, we use our knowledge, experience and judgment to explore doing things differently.

In addition, for this role, we hope to find someone with the following attributes:

<p>Quality:</p> <p>Taking pride in achieving excellence. We take responsibility for and pride in what we do, recognising each other's good work. We set consistently high expectations and ensure that everyone has the skills to achieve excellence.</p>	<p>Collaboration:</p> <p>Valuing each other in the way we work, communicate, and spend time together: We communicate regularly with each other, listening and understanding people's needs. We value and respect the relationships we have with colleagues and partners and we celebrate shared successes.</p>
<ul style="list-style-type: none"> • Knowledge and experience operating AutoCAD to a high level of expertise. • A good working knowledge of 2D and 3D approached to drawing. • A basic understanding of mechanical engineering automation and control systems. • A basic understanding of structural engineering principles. • A good working understanding of engineering and construction for the creative industries. • Able to effectively manage your own time and work to project deadlines. • An understanding of parametric modelling software such as Solid works or Inventor would be desirable but not essential. 	<ul style="list-style-type: none"> • Strong visual communication skills. • Able to communicate effectively in writing and verbally with a range of internal and external contacts. • Able to work collaboratively within a design team and to have the ability to work under your own initiative. • The ability to effectively communicate design concepts to others. • The ability to communicate technical construction information clearly to members of the construction team and external sub-contractors through technical drawings.

<ul style="list-style-type: none"> • Basic skills in Photoshop, Microsoft Excel and Word. • A background in scenic construction or prop making would be desirable but not essential. 	
<p>Creativity:</p> <p>Being imaginative in everything we do: We use our knowledge, experience, and judgement to explore doing things differently. We aim to empower everyone in the organisation to adopt a flexible, open-minded, and imaginative approach.</p>	<p>Diversity:</p> <p>Embracing the diversity among our people and community: We embrace and value difference and individuality treating everyone as equally important. Together we are stronger and more effective.</p>
<ul style="list-style-type: none"> • To embrace challenges that require creative and innovative problem solving • Ability to work effectively under pressure, handling multiple projects to differing deadlines. • To creatively articulate your design rationale. • Develop your skills through a continuing process of critical analysis. 	<ul style="list-style-type: none"> • Demonstrable experience of building successful relationships with a wide variety of colleagues from senior staff to freelancers and with external stakeholders. • Substantial and demonstrable experience of communicating visually to a range of audiences. • Experience of working closely within the creative arts locally, regionally, or nationally. • A professional attitude with ability to be adapt your communication style.