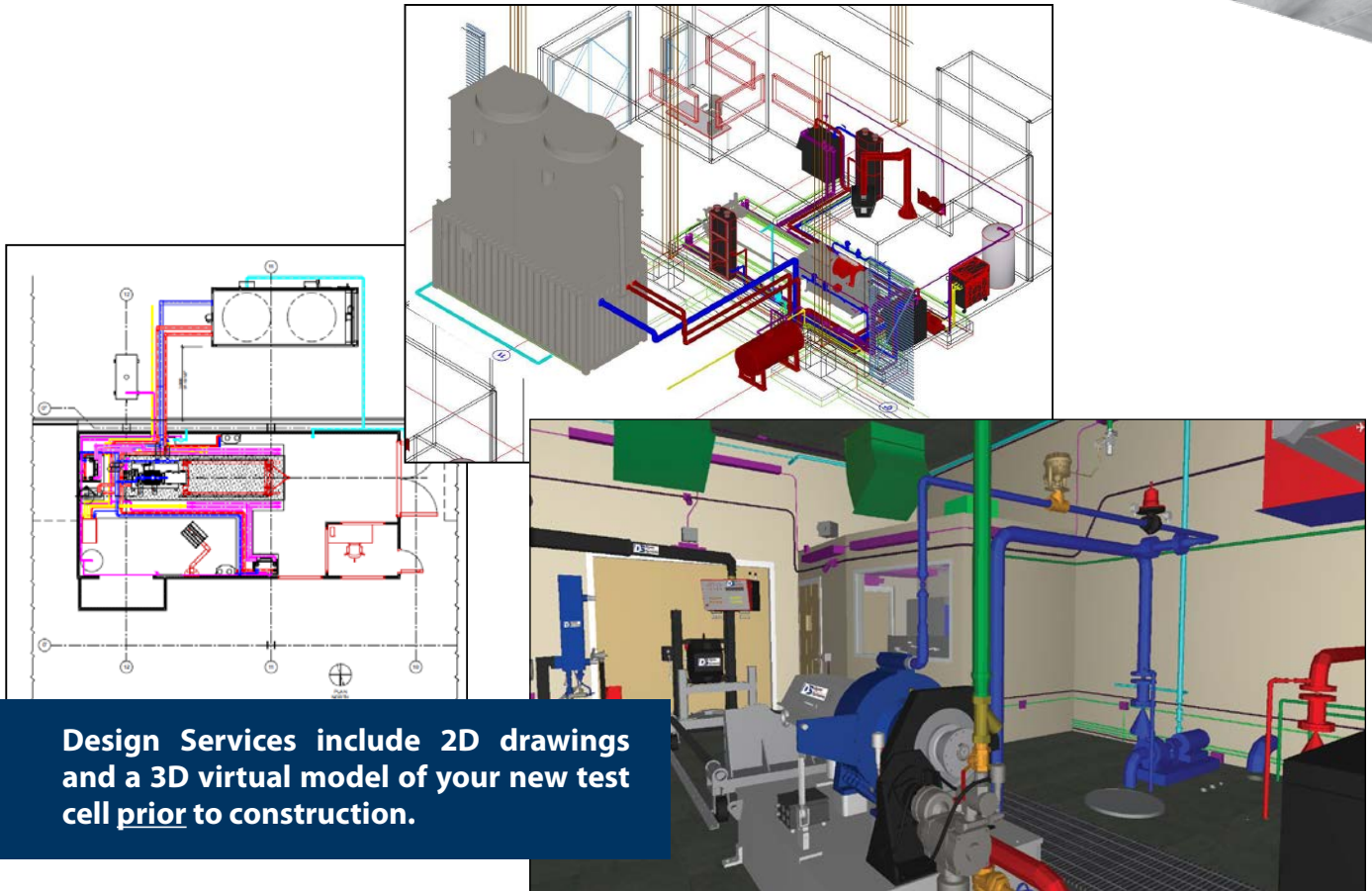


## Design, Project Management and Construction Management Services



Design Services include 2D drawings and a 3D virtual model of your new test cell prior to construction.

### Design Services

Count on Dyne Systems to reduce the risk and simplify the complex challenges of the test cell environment by ensuring your success. Dyne Systems will provide a comprehensive set of **Architectural, Mechanical, Electrical and Process Piping** drawings of your new test cell. In addition, we will work with your architectural and engineering firms to integrate the design into your overall building, as well as, assisting with permits and other approvals. Dyne Systems carefully considers all systems and components related to your test cell and how they integrate together to deliver an end result that is safe, convenient and well-organized.

#### Key benefits of Dyne Systems Design Services:

- A virtual 3D model allows you to see and walk through your new test cell prior to construction.
- The 3D model also helps to reduce errors, optimize piping and ducting and minimizes cost overruns before the construction phase.
- Save time off the construction schedule by establishing the scope of work and project responsibilities ahead of time with the General Contractor (GC) and subcontractor(s).
- Enjoy significant cost savings because the risk in the project has been reduced dramatically and the bids reflect the reduced risk.
- A cost-effective, safe and operationally efficient test cell design that equips you with the latest technical advancements and best practices.

***Everything you need to succeed***

## Project Management Services

Whether you are looking to upgrade an existing test cell or require a new testing facility, Dyne Systems will own the responsibility and manage the entire complex project from predesign to start-up. Our Project Management Services are configured to meet your specific requirements and desired level of support, making life easier for you so you can focus on what you do best.

### Project Management Services may include:

- Ongoing telephone, email and video conferencing.
- Assisting your construction team with comprehensive scope of work documents and budgetary estimates.
- Establishing a preconstruction schedule.
- Collaborating on value engineering for cost-effective facility design solutions.
- Assisting with qualifying and selecting general contractor (GC) and sub-contractor(s).
- Assisting with permits and engineering requirements to meet local building codes.
- Establishing required milestones within the construction schedule and managing these goals through deliverables.
- Coordinating with your local construction team on materials delivery and other services purchased through Dyne Systems.
- Onsite design and coordination support at critical points in the project so your local construction team can work independently knowing they are meeting the design intent of the new test cell.
- Supervising onsite construction during test cell fit-out, equipment installation and start-up.



## Construction Management Services

A test cell is a complex system that must integrate seamlessly with the rest of your facility and systems. Fortunately, Dyne Systems equips you with all of the equipment and other building systems required for a complete, high-performing test cell. Our Construction Management Services include working with your general contractor to supply, install and commission Dyne Systems designed systems, including but not limited to; process piping, HVAC ducting, mechanical and electrical systems into your new test cell. Certifications, third party inspections and any installation or unloading of equipment from other contractors and/or equipment is not included.

*Everything you need to succeed*



Dyne Systems is a division of Taylor Dynamometer  
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