



**tpc** 

[tpcaust.com.au](http://tpcaust.com.au)

**'Let our knowledge help your business grow'**



Total Precision Cleanroom Aust (TPC) is a **specialist** commercial builder and building design company.

We pride ourselves on our clients completed projects with outstanding innovation, design and construction quality.



TPC has an unrivaled reputation for high quality workmanship and professionalism.

TPC was established in 2001 and are Australian owned and operated. We have extensive knowledge and experience when it comes to design and construction of clean room and climate controlled environments for the pharmaceutical, health, research and biotechnology Industries.







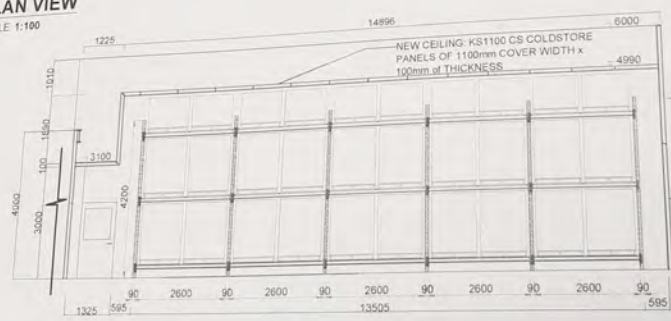
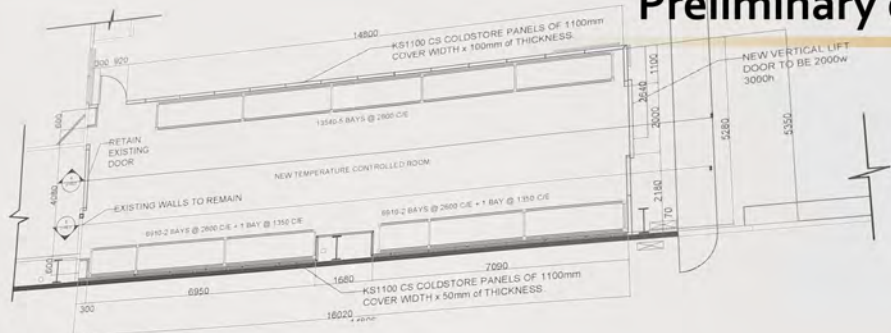
At TPC we integrate the functions of design and construction under the one roof. We are willing to work collaboratively with you from any stage of the design process and transform your vision into a reality.

We provide numerous design formats throughout the design process.

- 3D concepts for discussion during the initial design phase.
- Full detailed design and specifications for construction.
- Shop drawings for manufacture.
- Realistic 3d models showing exactly what you can expect from a TPC build.

## Preliminary design drawing

01 PLAN VIEW  
D-003 SCALE 1:100



OVERALL SECTION  
SECTION A  
SCALE 1:100

NOTE:  
EXISTING FLOOR TO MAINTAIN. THERE IS NOT A NEW FLOOR LINING

NOTE:  
ALL NEW AND ALTERED SERVICES MUST COMPLY WITH PARTS JS AND J6 OF THE BCA.

**STRUCTURAL PROVISIONS**

1. ALL NEW INTERNAL GLAZING, INCLUDING TO THE NEW DOOR, MUST COMPLY WITH AS 1288.

**ACCESS AND EGRESS**

1. THE HARDWARE TO THE SWING DOOR IN THE NEW ROOM IS LEVER-ACTION TYPE HARDWARE MOUNTED AT A HEIGHT BETWEEN 900mm AND 1100mm FROM FLOOR LEVEL.

TOTAL TYPICAL BAY  
TOTAL 1350L BAYS  
TOTAL PALLET CAPACITY

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**FOR REVIEW**

DRAWING TITLE	
EQUIPMENT LAYOUT PLAN & SECTION	
DRAWN BY	DATE 07/02/2019
CHECKED BY	FIRST ISSUE 12/11/2018
<ul style="list-style-type: none"> <li>1. All notes and dimensions shall be checked and verified.</li> <li>2. All work shall be completed in accordance with the contract and specifications.</li> </ul>	

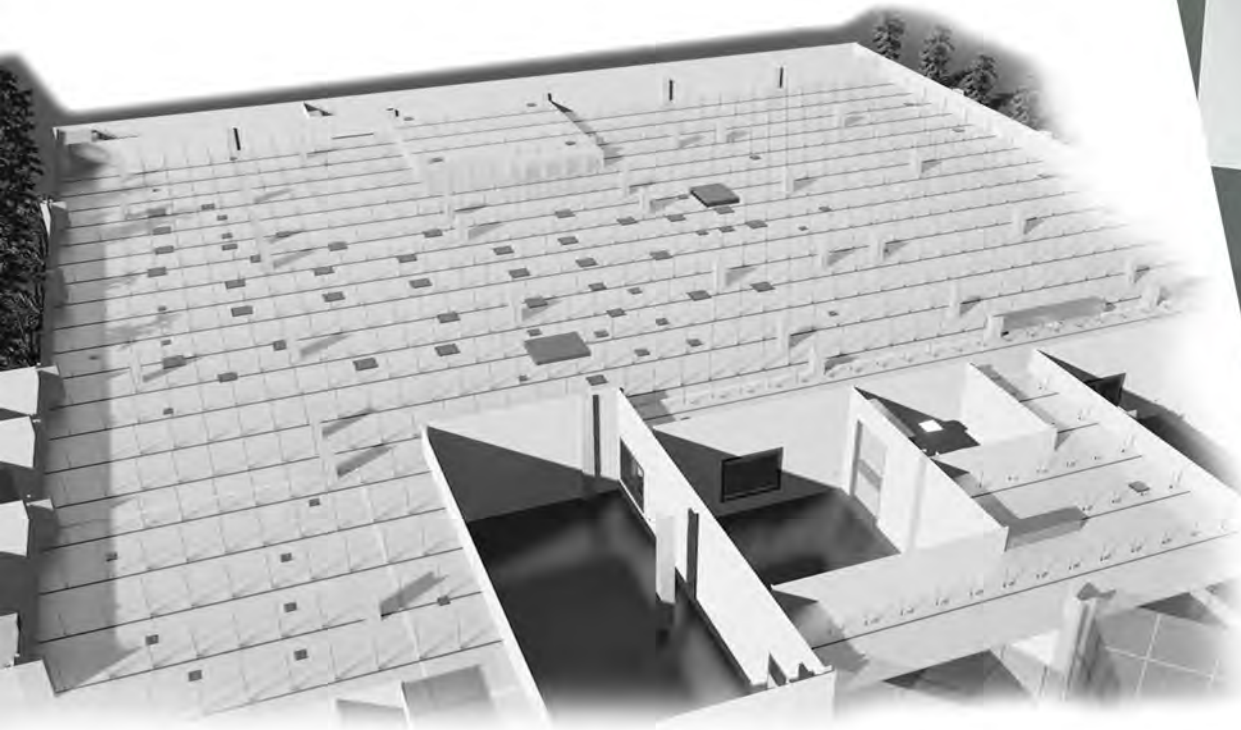
## Design concept



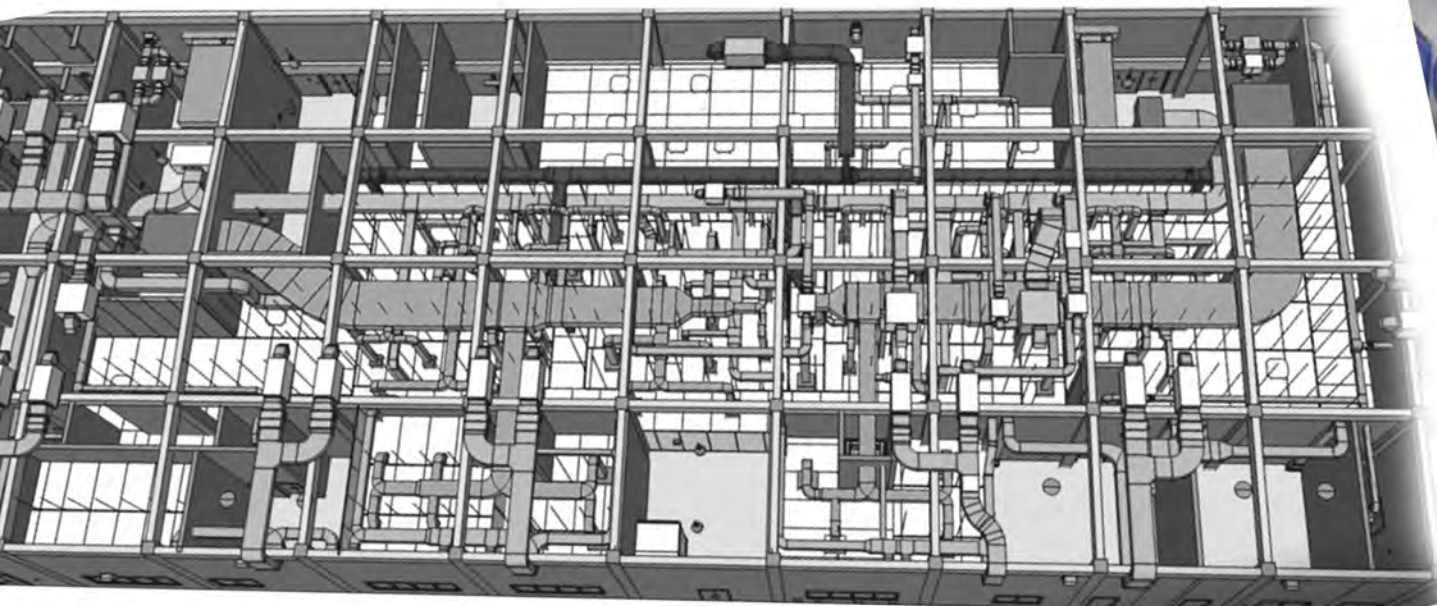
# Design

Shop Drawings (detailed design for approval and construction)

## Partitions and Services layout



## Building Information Modeling





3D Model & Rendering



Completed Building

## Controlled Environment Rooms

*'It is just a white box. Not so!'*

TPC build controlled environments for all Industries every day of the week. If your products need precise control then you need a room built to precise parameters.

Our clients within the research, defence, pharmaceutical and biotech fields understand quality and knowledge of the Industry is paramount when building a facility of this nature.'

# Controlled Environment Rooms

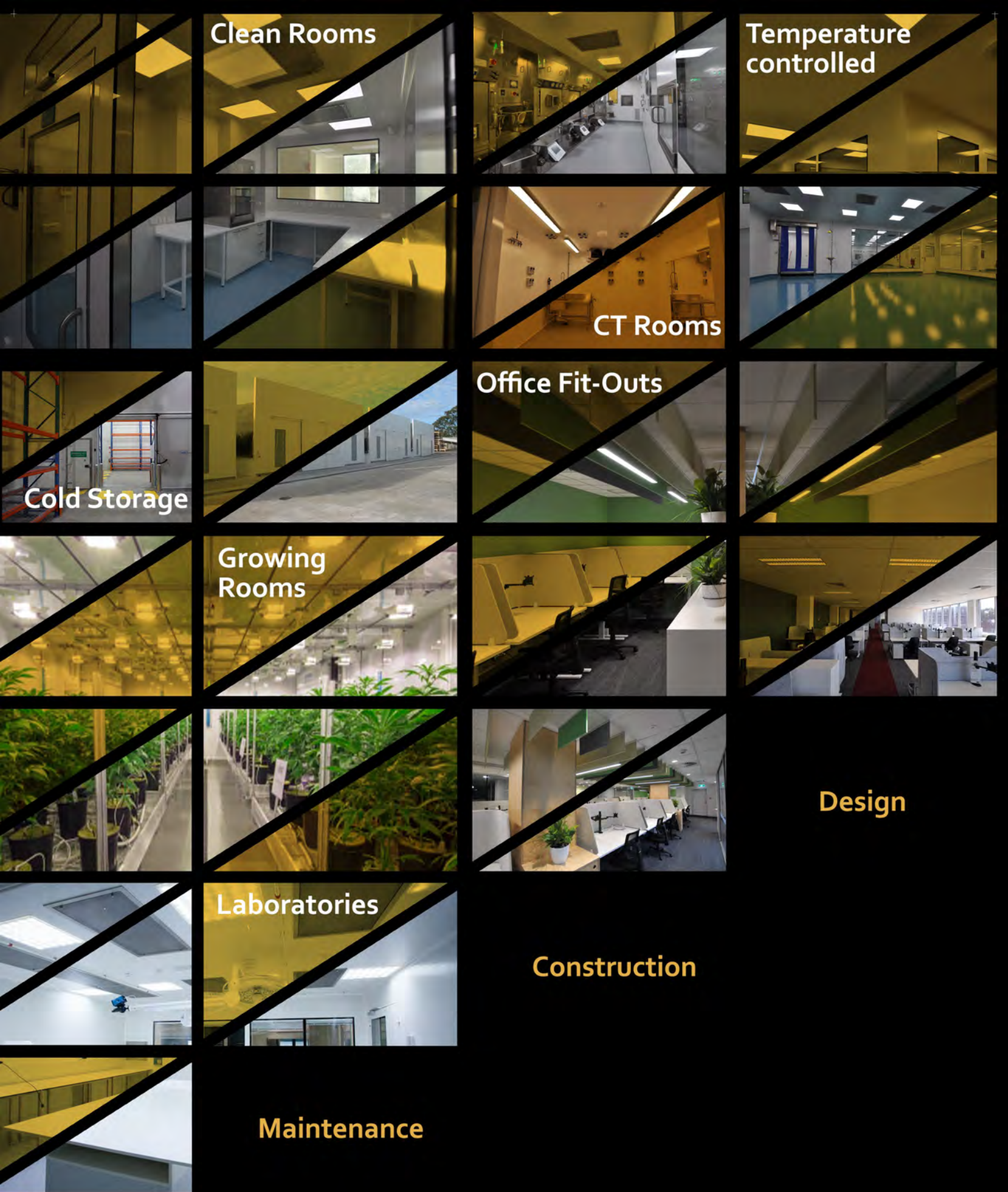


'TPC is one of the few building companies with the hands-on expertise to construct world class cleanroom facilities. Our commitment to delivering state of the art facilities has secured our reputation in this field. Over the past 17 years we have delivered highly complex, technical and challenging projects. Past projects range from pharmaceutical facilities, research laboratories, bio containment and environmental chambers. Our insistence on high quality workmanship and innovative design has resulted in longstanding relationships with our customers.'



There are several factors to consider when designing your next project. Through detailed discussion with our clients, TPC gains an understanding of your organisation's requirements. We incorporate modern and innovative trends such as height adjustable work-stations, breakout spaces and practical solutions to optimise staff productivity.





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