



3D Solutions

# CAPABILITY STATEMENT

Building Solutions Consultancy

[www.3DSolutions.com.au](http://www.3DSolutions.com.au)



# ABOUT US

3D Solutions is a Melbourne based building code consultancy company that specialises in providing superior technical expertise and advice in the field of building performance solutions.

Our approach is based on experience gained in engineering and building surveying, with the objective of delivering our clients the best possible outcomes in the environments they are creating for their future occupants. We achieve this by going beyond the minimum to create an environment that not only meets the performance requirements of the Building Code of Australia, but where possible exceeds this through innovation.

We can strongly contribute to all phases of projects, new or existing, from reviewing initial design documentation, undertaking inspections to formulating Performance-Based solutions where standard design requirements are not considered to achieve the level of access necessary.

Due to our range of expertise within the Built Environment we are confident of our ability to deliver reports that are technically robust that not only comply with the Building Code of Australia but are also concise and easy to interpret.



# OUR VALUES

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## 🟢 Confidence

Confidence in our ability

We pride ourselves on delivering high-quality services and our ability to follow through on our commitments.

## 🟢 Creative

Creative Access Solutions

We work to develop creative and technically robust access solutions that ensures the best possible outcome for both the client and the end user.

## 🟢 Communication

Effective Communication

We understand that effective communication is developed not through talking but by listening; we listen to ensure we can offer a solution that can be tailored to your needs.



# OUR TEAM

3D Solutions are members of the following organisations:

- Member of the Building Appeals Board
- Registered Building Practitioner, Victoria
- Registered Building Surveyor, Victoria
- Accredited member of the Association of Access Consultant's Australia (ACAA)
- Liveable Housing Registered Assessor (LHA)

Here at 3D Solutions, we believe a good consultant should make their client's job easier. With this in mind, we aspire to provide our clients with the best service they can get on the path to achieving their goals.

To succeed, we listen to our clients and ask questions until we fully understand their needs. We provide clear, logical advice, tailored to the intended audience and we keep our clients regularly informed of progress during each project.

3D Solutions employs the best and brightest staff members within the specialised field of building solutions consultancy. We provide ongoing training and professional development programs to preserve the consistent high standards we are renowned for.



# KEY SERVICES

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3D Solutions can strongly contribute to all phases of projects, new or existing, from reviewing initial design documentation, undertaking inspections to formulating Performance-Based solution where standard design requirements are not considered to achieve the level of access necessary.

Services offered:

- Performance Based Building Solutions
- Certification of design - Regulation 126
- Building Compliance advice
- Advice on product certification
- Peer reviews
- Risk assessments
- Site Inspections
- Resolution of Building Notices and Orders

# KEY PROJECTS

## Residential

**Address:**

**27 Aitken Street  
Williamstown**

**Number of Storeys:**

**5**

**Date:**

**2020**

**Description:**

This project comprised of an assembly building.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4 of Volume 1 Amendment 1 of the Building Code of Australia.

**Address:**

**757-763 Toorak Road  
Hawthorn East**

**Number of Storeys:**

**8**

**Date:**

**2021**

**Description:**

This project comprised of a 8 storey apartment building.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4, to assess the balconies waterproofing membrane design against Performance Requirement FP1.4 inter alia AS 4654.1 & AS 4654.2, to provide technical justification to waive a step down at the balconies in lieu of the requirements found in FP1.4 inter alia AS 4654.1 & AS 4654.2 of Volume 1 Amendment 1 of the Building Code of Australia.

**Address:**

**2-4 Cummins Grove  
Malvern**

**Number of Storeys:**

**3**

**Date:**

**2021**

**Description:**

This project comprised of a 3 storey building containing apartments and carparking.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4 of Volume 1 Amendment 1 of the Building Code of Australia.

**Address:**

**66 Cecil Street  
Fitzroy**

**Number of Storeys:**

**3**

**Date:**

**2021**

**Description:**

This project comprised of a 3 storey Townhouses.

Our team delivered a Performance Solution Report to assess the balconies waterproofing membrane design against Performance Requirement FP1.4 inter alia AS 4654.1 & AS 4654.2 and; to provide technical justification to accept a flight of stairs with 19 risers in lieu of the maximum 18.

# KEY PROJECTS

## Commercial

**Address:**

**Tenancy 1, 38 Camberwell Road, Hawthorn East**

**Number of Storeys:**

**5**

**Date:**

**2021**

**Description:**

This project comprised of a retail tenancy in a 5 storey building.

Our team delivered a Performance Solution Report and a design certificate issued under Victoria Building Regulations 126 to provide the technical justification to allow a part of the kitchen wash area to have a ceiling less than 2.4 m in height.

**Address:**

**Service Station  
1252-1258 Heatherton Road, Noble Park**

**Number of Storeys:**

**1**

**Date:**

**2021**

**Description:**

This project comprised of a 1 storey retail building.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4 of Volume 1 Amendment 1 of the Building Code of Australia.

## Assembly

**Address:**

**129-131 Northern Road  
Heidelberg West**

**Number of Storeys:**

**1**

**Date:**

**2021**

**Description:**

This project comprised of a 1 storey assembly building.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4 of Volume 1 Amendment 1 of the Building Code of Australia.

# KEY PROJECTS

## Education

**Address:**

**Star of the Sea  
Martin Street, Brighton**

**Number of Storeys:**

**3**

**Date:**

**2021**

**Description:**

This project comprised of an assembly building.

Our team delivered a Performance Solution Report to assess the proposed building's external cladding designs against Performance Requirement FP1.4 of Volume 1 Amendment 1 of the Building Code of Australia.

## Childcare

**Address:**

**Lot A, New Market Road  
Werribee**

**Number of Storeys:**

**1**

**Date:**

**2021**

**Description:**

This project comprised of a 1 storey building containing assembly buildings and childcare.

Our team delivered a Performance Solution Report to allow the buildings damp proof course to be located less than 150mm above natural ground level against Performance Requirements FP1.2, FP1.3, FP1.4 and FP1.5 of Volume 1 Amendment 1 of the Building Code of Australia.





## ADDITIONAL SERVICES

3D Solutions can also help with other aspects of your project through our partnered companies Dobbs Doherty - Fire Engineering Specialists, Cogent Acoustics - Acoustics Engineering Specialists and 3D Access - Disability Access Specialists.

### Dobbs Doherty

Michael Dobbs - Director  
michael@dobbsdoherty.com.au  
03 8814 3200

Kieran Doherty - Director  
kieran@dobbsdoherty.com.au  
03 8814 3200

### Cogent Acoustics

Andrew Mitchell - Director  
andrew@cogentacoustics.com.au  
03 8814 3250

### 3D Access

Adam Buzasi - Director  
adam@3DAccess.com.au  
03 8814 3275

## QUALITY ASSURANCE

We use self-designed and self-monitored QA system. Each document issued is reviewed by a consultant that was not involved in the design. Each report is co-signed by the reviewer following the QA review. A record of each document at each stage of the process is retained.

## SUMMARY OF INSURANCES

Put your mind at ease knowing that 3D Solutions is covered for the following insurances:

- Public and Products Liability \$20,000,000
- Professional Indemnity \$10,000,000
- Work Cover Insurance

Please contact us anytime to request Certificate of Currency.

## Contact Us - We Are Here To Help!

Have some questions or want to find out more? Feel free to call or email us to get in touch.

### Phone

+61 3 8814 3275

### Email

paul@3DSolutions.com.au

### Address

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Mitcham VIC 3132