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ALL WAYS CONNECTING


# When Design Meets Construction

*Wasi Azmi – Connetics Limited*

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## Agenda

- About Connetics.
- What is an engineering design?
- What is a construction process?
- Possible challenges and how you could overcome them?
- Questions.



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## About Connetics

Connetics Limited (Connetics) is wholly owned subsidiary of Orion NZ Ltd, which owns and operates the electricity distribution network in central Canterbury.

Connetics has a dedicated design & engineering team responsible for all design work related to overhead lines, underground cables, substations, protection, subdivisions and lighting.

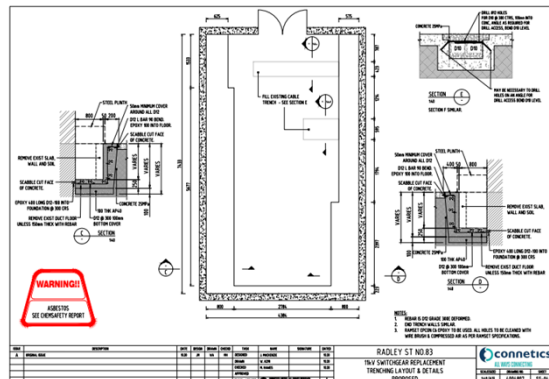
Connetics is often called by our clients as *“One Stop Shop”*.



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## What is an Engineering Design?

Engineering design is the method that most engineers use to identify and solve problems. It is usually represented by detailed plans and specifications.



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## What is a Construction Process?

Construction process is identifying activities and allocating resources required to bring the design come to life.

In simple term, construction is the implementation of design envisioned by engineers.



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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.



- ✓ Test your potential.
- ✓ Gain practical experience.
- ✓ Broaden your horizon.



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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.



✓ Work-Life Balance.



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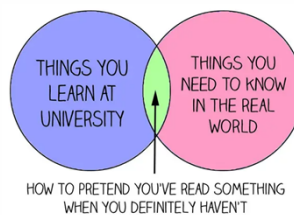
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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.
3. University vs. Real World.



✓ Be honest about what you don't know.  
✓ Have a positive attitude.



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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.
3. University vs. Real World.
4. Communication (not Talking).

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✓ Simple and clear as possible.



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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.
3. University vs. Real World.
4. Communication (not Talking).
5. Coping with rejection.

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- ✓ Determine what you are doing wrong.
- ✓ Feedback.
- ✓ Listen to your peers and get along.
- ✓ Adapt.

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## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.
3. University vs. Real World.
4. Communication (not Talking).
5. Coping with rejection.
6. Learning your team's behaviour.



- ✓ Respect.
- ✓ Be polite.
- ✓ Be cordial.
- ✓ Give credit where its due.

## Possible challenges and how you could overcome them?

1. Push yourself outside your comfort zone.
2. Profound responsibility.
3. University vs. Real World.
4. Communication (not Talking).
5. Coping with rejection.
6. Learning your team's behaviour.
7. Different contractors.



- ✓ Educating your design.
- ✓ Effective communication.

# Questions?

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