In order to design and estimate floor cassettes or the full ground floor system (including Surefoot), Pryda fabricators will require the following information:

**Comparison to alternative ground floor systems**

The combined Pryda and Surefoot system provides significant advantages over traditional ground floor alternatives:

<table>
<thead>
<tr>
<th>Pryda/Surefoot Floor System</th>
<th>Concrete Slab/Waffle Pod</th>
<th>Stumps and Traditional Subfloor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost fixed no matter what the soil class</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Minimises cut &amp; fill</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>No concrete curing time</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>No engineering inspection</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Total installation time</strong></td>
<td>Up to 1 week</td>
<td>Up to 2 weeks</td>
</tr>
<tr>
<td><strong>Adjustable (plumb and level) after installation</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Minimises site waste</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>No trades and materials to organise</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>No excessive rain delays</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Quality controlled product via offsite manufacturing</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Sustainable resource and reduced carbon emissions</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

Please note: In situations where soil testing has not yet been completed, indicative cost estimates can be provided based on worst case scenarios for expected soils in construction area. Full soil report and bore logs will be required to complete design, certification and final costing prior to manufacturing and installation.

**Design Requirements**

In order to design and estimate floor cassettes or the full ground floor system (including Surefoot), Pryda fabricators will require the following information:

**FOR UPPER STOREYS**
- Full set of architectural drawings
- Any structural engineering drawings

**FOR GROUND FLOOR**
- Full set of architectural drawings
- Any structural engineering drawings
- Final report including bore logs

Contact us today for more information on Surefoot or the Pryda Floor Cassette Systems.

**Highlights**

- A fast cost effective way to construct a complete working platform in a matter of hours
- Precision designed and engineered to stringent performance criteria to reduce bounce
- Manufactured with Pryda Span or Long Reach floor trusses up to 10m in length
- Manufactured off site for higher degree of quality assurance and reduced waste on site
- Suits both ground floor and upper storey applications
- Install complete upper storey cassettes from below to reduce OH&S risks
- Compatible with Surefoot concrete free foundations for ground floor applications

**Contact**

Contact us today for more information on Surefoot or the Pryda Floor Cassette Systems.

**Pryda Floor Cassette Systems**

A fast and cost effective way to increase productivity.

**Pryda Team are also on hand to provide**
- Advice on feasibility of system to your specific project
- Floor cassette specifications
- Surefoot footing specifications

**Surefoot Team are also on hand to provide**
- General advice and technical support
- Details of contractors supplying floor cassettes in your region

**Contact**

Phone 1800 804 741
Email info@surefootfootings.com.au
Web www.surefootfootings.com.au

Phone 1300 302 122
Email info@pryda.com.au
Web www.pryda.com.au
Floor Cassette Systems

Key Benefits

- **IMPROVED QUALITY**
  - Cassette are pre-fabricated off site in a factory controlled environment enabling a higher degree of consistency and quality assurance to be achieved.

- **FLEXIBLE DESIGNS**
  - Cassettes are fully detailed and engineered by Pryda fabricators to suit your specific project. Pryda Span or Long Reach floor trusses can be manufactured up to 10m in length with designs able to take into consideration factors such as positioning of services, wet areas, balcony set downs and co-ordination with the supporting structure.

- **LIGHTWEIGHT AND ROCK SOLID**
  - Full span of the floor trusses can be manufactured up to 10m in length with designs incorporating all ancillaries, incomplete deliveries and materials going missing.

- **REDUCES OHS RISKS**
  - Floor cassettes can be fabricated on upper storeys from below and provide a working platform upon working at heights.

- **SUITS A VARIETY OF APPLICATIONS**
  - Floor cassettes are suitable for upper storey, ground floor and light commercial developments.

- **FEWER DELAYS WAITING FOR TRADES & DELIVERIES**
  - As cassettes form a complete working platform incorporating all ancillaries, incomplete deliveries become a thing of the past and increases in crawl space work required for follow on trades.

- **MINIMISES WASTE**
  - Flooring materials and other auxiliary products are optimised during design and installed off site working away from on-site cutting, waste and the risk of materials going missing.

- **PATENTED CASSETTE LIFTING SYSTEM**
  - Compatible with standard lifting systems
  - Independently tested with certified load capacity
  - Minimises damage to floor sheeting and need for onsite rework
  - Pre-installed during manufacturing for faster onsite installation

- **CONCRETE FREE FOUNDATIONS**
  - Eliminates time waiting for concrete to cure and offers an alternative solution where access to concrete is limited or cost is prohibitive.

- **INCREASED TIME SAVING**
  - With no concrete to cure and cassettes installed in a matter of hours, you can be ready to stand wall frames the same day cutting days from your build and enabling you to reach key progress payment milestone faster.

- **REDUCED CUT AND FILL**
  - With the possibility to install on sloping sites, experience improved drainage of the land.

- **RAISED FLOOR HEIGHT**
  - The increased span of the floor cassettes compared to traditional sub-floor systems enable the number of stumps required to be reduced by up to 60%.

- **FEWER STUMPS**
  - The raised system is ideally suited to flood prone areas and if movement occurs over time or in areas with highly reactive clays it will allow for easy re-adjustment of levels.

- **SIMPLIFIED PLUMBING**
  - Plumbers will no longer be on the critical path for plumbing works and if movement occurs over time or in areas with highly reactive clays it will allow for easy re-adjustment of levels.

- **HIGH LOAD CAPACITIES**
  - Surefoot is engineered to ground posts of any size without the need for digging, excavation or contours. Its engineering principles are based on piling technology using a combination of skin friction and point bearing. A patented steel plate technology using a combination of skin friction and point bearing. A patented steel plate

- **DESIGNED AND CERTIFIED**
  - For all models utilizing Pryda Timber Cassette and Surefoot foundation, designs can be completed by Pryda fabricators and will also arrange for certification to be provided by a registered professional engineer.

- **NO INSPECTION REQUIRED**
  - Surefoot foundations are installed in an all-in-one process therefore there is no opportunity for an engineering inspection of foundations. Instead, onsite testing is carried out to document the actual driven depths of piles and provide a final report to the project engineer upon completion.

- **SUITS ALL SITE CLASSES**
  - The embedment depth of the piles will be specified to suit your specific site class and soil type giving complete feasibility for use in most soil types.

Floor cassettes provide a fast, cost effective way to construct a complete working platform in a matter of hours.

Ground Floor Application

Using cassettes in combination with the concrete-free Surefoot foundation system will enable the complete floor system to be installed in under 2 days by one supplier sharing days off the construction schedule.

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To find out more visit www.surefootfoundings.com.au