

# Smart Floor

CASSETTE FLOORING SYSTEMS

Precision  
Design &  
Fabrication

Reduction in  
Construction  
Programing

Savings in  
Erection and  
Skilled Labour  
on-site Costs

### SmartFloor

SmartFloor Cassette Systems are a fast and safe method of structural erection that results in a significant reduction in construction programming and in turn development costs.

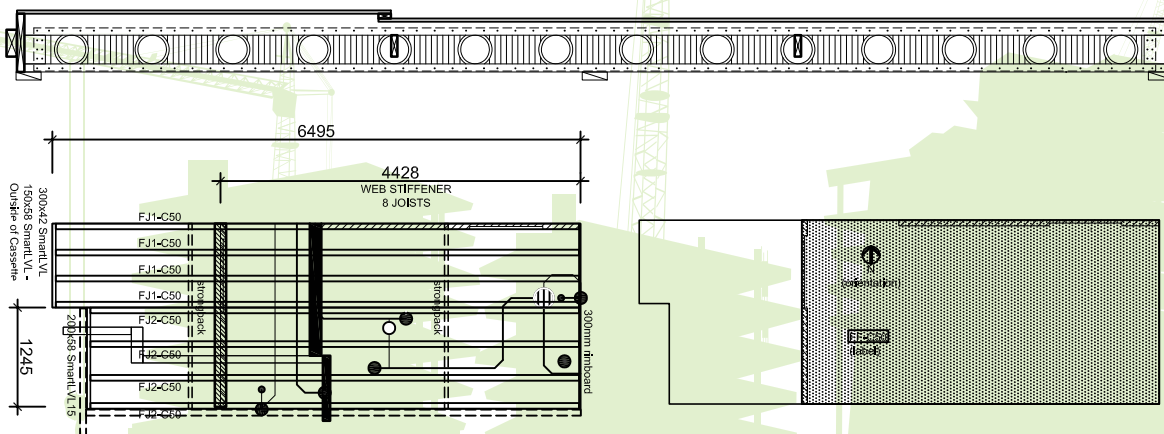
SmartFloor is lighter than reinforced concrete so mobile cranes can be used to erect the cassette panels, which results in substantial savings in both the erection process and skilled labour costs.

SmartFloor is a versatile building system that offers engineers and architects flexibility in design with long spans and the ability to use the panels for all floor assembly types just by varying the panel thickness.

SmartFloor also offers substantial environmental benefits such as long-term carbon absorption through the utilisation of timber.

### Pre-Dimensioning

SmartFloor is a flexible and light-weight building system that allows for long spans for floor construction. The panels are precision designed and fabricated in accordance with your specification.



### Set Downs

Wet area and balcony set downs can be incorporated into the SmartFloor Cassette System which saves even further on site labour and fabrication time.

### Service Integration

The unique design of the TecBeam floor joist allows for the services to be incorporated within the construction depth of the SmartFloor Cassette System. This service integration significantly reduces the overall construction depth of the overall system and in turn maximises floor to ceiling heights.

### Detailed Design and Drafting

The SmartFloor Cassette System utilises a detailed design and drafting service which ensures that every component of the cassette system is incorporated into the overall design of the project. Coordination with the supporting structure, architectural layout and service design is carried out prior to the fabrication of the cassettes which ensures that a seamless installation process is achieved on site. Engineering design and certification of the SmartFloor Cassette System can also be provided if required.

