**Sustainability at The Link**

1. **Recycled Timber**
   - All of the timber cladding, flooring, exposed battens, skirtings, windows and door reveals are secondhand – reclaimed and reused.
   - Supplier: Wainright Facades

2. **Ceiling Fans**
   - Controlled by wall controllers and phone app. Can be scheduled, have movement sensors and smart heating and cooling functions.
   - Supplier: Big Ass Fans
   - Model: Haiku

3. **Solar Energy System**
   - Generation: 30kW Solar Panels
   - Management: Repucoat Unit Storage: LG Chem 10kWh Battery

4. **Windows and Doors**
   - Double glazed, thermally broken aluminium framed.
   - All windows and doors are operable allowing for great ventilation.
   - Supplier: Castle Glazing

5. **Improving Air Quality**
   - All materials, including paints, glues and sealants within the building have low or no volatile organic compounds (VOC).
   - This helps to improve the indoor air quality of the building – making it a better place to work and visit!

6. **Sustainability at Ginninderry**
   - Ginninderry has achieved a world leading 6 star rating through the Green Building Council of Australia’s Green Star - Communities program. Read more about it on our modular walls!

7. **Recycled Nespresso Pods**
   - The coffee pods from this machine are recycled through Nespresso’s Recycling Program. The pods are collected and sent to a recycling plant where the coffee grounds are turned into compost and the aluminium melted down and recycled. You can even bring in your Nespresso pods from home to The Link for recycling.

8. **Reclaimed Carpet Tiles**
   - All of the carpet used in the building comes from unused commercial stock.
   - Carpet tiles have been used over broadloom carpet rolls because they can be easily replaced.
   - A single tile can be replaced without having to re-carpet the entire floor.

9. **FSC Certified Timber**
   - The only new wood used in The Link is the plywood paneling on the ceiling. This timber has been certified by the Forestry Stewardship Council as coming from responsible sources.

10. **Understanding the weather**
    - This building has been designed to stay cool in summer and warm in winter. A traffic light system tells us when the outdoor weather conditions are ideal for opening windows. This system tracks temperature, wind and rainfall. The building also has an air-conditioning lockout range from 19ºC to 28ºC. When the indoor temperature is between that range, no active heating or cooling will occur. Fans and radiant heaters can be manually turned on with timers.

11. **Concrete**
    - Our concrete slab (and pathways) are made using high percentages of fly ash and blast furnace slag.
    - Fly ash is a by-product from coal-fired power stations. Blast furnace slag is a by-product of iron and steel manufacturing processes. Using these by-products means that 42% less ‘new’ cement was used in the making of this concrete.
    - 100% recycled water and high percentages of recycled course aggregate were also used in the production of the concrete.
    - Supplier: Artistic Concretes

12. **100% Reclaimed Brick**
    - All bricks used in The Link have been reclaimed from demolition sites and reused.

13. **Polyester Pinboards and Insulation**
    - This pinboard is made from PET (polyethylene terephthalate) – the same stuff that plastic water bottles and polyester fabric is made of. Each panel is made of a minimum of 50% recycled PET and can be fully recycled itself.
    - The insulation within these walls is also made from polyester and has up to 88% recycled content.

14. **External Cladding**
    - Charred mesmate (various eucalypt) timber cladding. Reclaimed mesmate timber cladding finished with Cupa extreme oil.
    - Supplier: Wainright Facades

15. **Cement Based Decking**
    - This decking is made using a cement based composite decking board which is lightweight, low carbon and high strength. It is non-combustible, moisture resistant and highly durable.
    - Supplier: Austral Model: Inex Decking

16. **Landscaping**
    - This courtyard shows some of the front landscaping plant ideas used in Ginninderry. Check out our edible garden and native garden selections!

17. **Lighting**
    - LED lights have been used throughout the building to save on power. The lighting system responds to movement and daylight conditions to ensure they only operate when needed.

18. **Minimising Materials**
    - Where possible, the building has been designed to minimise materials.
    - Materials have been used which don’t need additional coverings or coatings.
    - These include:
      - exposed concrete slab
      - face brickwork
      - unfinished compressed fibre cement walls, ceiling and soffit (underside of external roof) panels
      - uncoated steel wall cladding, steel balustrades and handrails

19. **Induction Cooktop**
    - The Link has a demonstration kitchen used to show how efficient an induction cooktop is vs a gas cooktop.

20. **Tanks and Septic System**
    - The building operates on a wet composting septic system. Everything you put down the drains and toilets goes into a subsoil irrigation system.
    - All toilets and urinals use rainwater (collected in our 20KL tank) to flush.

21. **Reconstituted Benchtop**
    - The benchtop in the toilet and kitchen is made from quartz granules mixed with polymer resin and includes a minimum of 30% recycled content.

22. **Native Plant Beds**
    - All of the plantings around the Link Building are native. The signs include how much water, sunlight and frost the plants can handle.

23. **Air Bee ‘n’ Bee**
    - Check out our Native Bee Hotel, made by our friends at ACT for Bees.

24. **Frog Restoration**
    - Check out our frog restoration squares and logs, helping to protect and restore our frogs.

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The Link Building was designed by CCJ Architects and built by Manteena