A SMARTER DECISION?
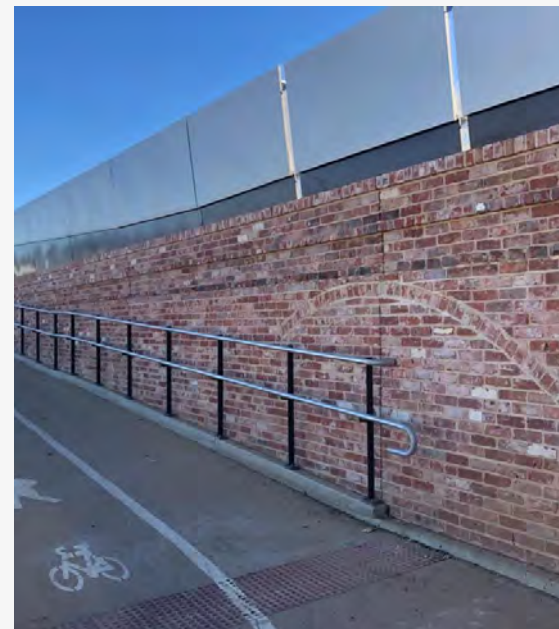# SUSTAINABLE DEMOLITION

OLD RED BRICK CO.

PROJECT: PLANT 4 BOWDEN

Red bricks reclaimed by Old Red Brick Co. (ORBC) during demolition works for the Brompton/Bowden redevelopment and then reused in construction of surrounding buildings and the community park outside Plant 4.
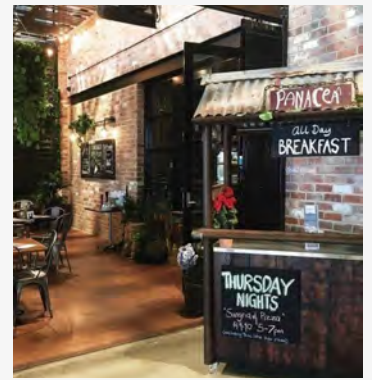
PROJECT:
TORRENS
TO TORRENS

Red bricks reclaimed by Old Red Brick Co. during demolition works for the Torrens to Torrens Upgrade of South Road and then reused in the cladding for the new overpass.

OLD RED BRICK CO.

PROJECT:
WESTFIELD MARION

Recycled red bricks supplied by Old Red Brick Co. to create a trendy space for community at Westfield Marion's most recent extension

PROJECT:
FREWVILLE

Recycled red bricks supplied by Old Red Brick Co. for Adelaide's own Award Winning Supermarket Foodland Frewville.

PROJECT:
MAGGIE BEER

Recycled red bricks supplied by Old Red Brick Co. used to create South Australia's iconic attraction, Maggie Beer's Farm Shop and Restaurant in the Barossa Valley.
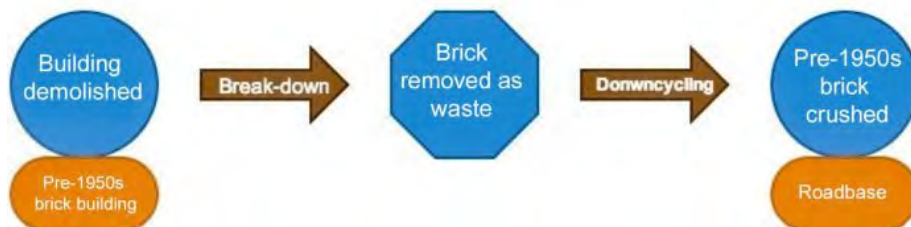
WE RECYCLE MORE THAN 1 MILLION RED BRICKS PER ANNUM

OLD RED BRICK CO.

How Recycling Works

Building demolished
Pre-1950s brick building
→ Break-down →
Brick removed as waste
→ Donwncycling →
Pre-1950s brick crushed
Roadbase

How Upcycling Works

Building demolished
Pre-1950s brick building
→ Upcycling →
Pre-1950s bricks **reused**
New cafe's, restaurants, bars houses etc

THE LIFECYCLE OF A RECYCLED ORBC BRICK

WE ARE LOUD & PROUD ABOUT OUR LOVE FOR RECYCLED OLD RED BRICKS.

Each ORBC brick we sell is carefully selected and lovingly recycled.

Phase 1: The bricks are loaded from commercial, industrial and residential demolition sites across South Australia.

Phase 2: Bricks are unloaded and sorted at our yard in Beverley, South Australia.

Phase 3: Bricks were previously all hand cleaned. However in 2016-2017 we invested half a million dollars to build a custom built brick recycling plant,

the only one of its kind in the State and one of the only ones in the Southern hemisphere. This has allowed us to modernise the brick recycling process and allows us to save so much more of the treasured product.

Phase 4: Each brick is then re-stacked by hand on pallets of 500 bricks and delivered to the customer.

OLD RED BRICK CO.

EVERYDAY & UNIT SAVINGS PER TONNE OF BRICKS RECYCLED

Waste

19 wheelie bins[6]
1.07 tonnes

Energy

0.2 houses' energy for a month[4]
0.28 GJ LHV (78kWh)

Greenhouse

95 km driven[3]
0.02 tonnes CO2e

Water

7 bath tubs[5]
1.26 kL water

WHAT ARE THE BENEFITS OF USING RECYCLED BRICKS?

- Environmentally friendly
- Natural building material
- Strong and durable
- Eliminates the mining and quarrying
  activities required to produce new bricks

WHAT MAKES RECYCLED OLD RED BRICKS SO SPECIAL?

WE ARE LOUD & PROUD ABOUT OUR LOVE FOR RECYCLED OLD RED BRICKS.

Recycling these bricks not only has significant environmental benefits but their character and uniqueness simply cannot be replicated by modern brick making practices. Importantly, mortar used in construction across SA from 1836 to 1950 was primarily a lime-based mortar which is relatively soft.

It is this mortar which allows bricks to be easily recycled unlike cement based mortar used in construction today.

Traditional old red bricks in South Australia are a finite resource that needs to be recycled and reused while they are still available.

www.oldredbrickco.com.au

OLD RED BRICK CO.

HOW ARE RECYCLED OLD RED BRICKS USED?

FULL BRICKS:

- Feature Walls & Face Brickwork
- Pavement - Pathways, Driveways, Patio Areas
- Landscaping - Edging, retaining walls, dwarf walls
- Architectural Features - Face Brickwork - Refurbishment of Historic and Heritage Buildings
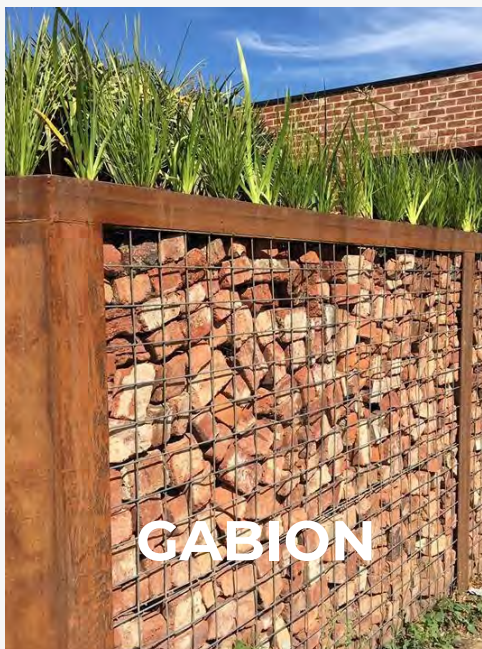
¾ BRICKS
RUSTICS/SECONDS

Cost effective building material for both structural and non-structural masonry walls, rustic paving and landscaping.

FEATURE

GABION

PATHWAY

OLD RED BRICK CO.

½ BRICKS

- Brick pathways
- Crazy pave
- Traditional pizza ovens and fire pits
- Gabion walls and fencing

20MM SLICED BRICKS
BRICK VENEER / BRICK TILES

- Internal and external cladding for Commercial/Residential projects
- Store and shop fitouts

CRUSHED BRICKS
RETURNING SOON

- Landscaping material
- Baseball mound sand

PATIO AREA

PAVEMENT

PIZZA OVEN

RESIDENTIAL

VENEER COTTON ON

VENEER OVEN