



# Gravel Cell<sup>®</sup> Reinforcement Structure

## Atlantis<sup>®</sup> Gravel Cell<sup>®</sup>

The Gravel Cell<sup>®</sup> reinforcement structure creates an attractive, durable hard surface suitable for light to medium parking areas, driveways and access roads.

The cells can also be used for the construction of swales to collect rainwater and direct water to surface infiltration areas such as Atlantis<sup>®</sup> sub surface Infiltration channels.

### Cost Benefits

The sub-base required for cells is equal to or less than the sub-base required for concrete or bitumen. The elimination of the traditional stormwater system required by impermeable carpark installations provides an immediate cost saving when installing Gravel Cell<sup>®</sup> reinforcement structure for the same application.



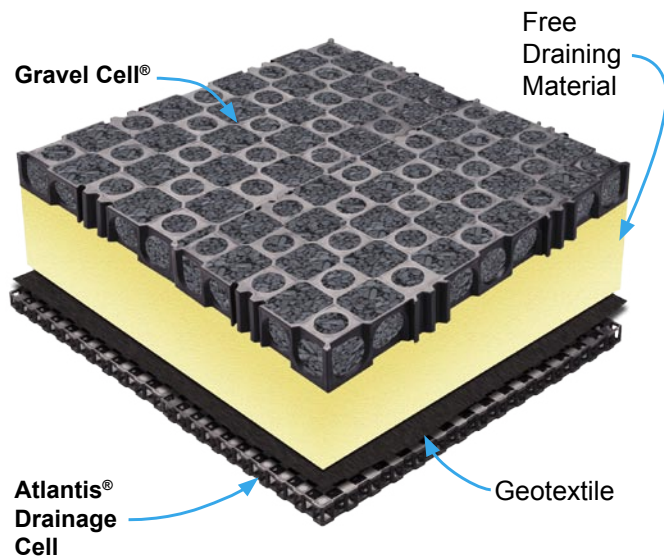
Gravel Cell<sup>®</sup> installed for pathways on a university campus.

### Applications:

- Infiltration and Purification.
- All Parking Areas.
- All Service and Access Drives
- Trails.
- Boat Ramps.
- Storage Yards.

### Benefits:

- Stormwater Filtration Treatment.
- Landscaped Areas.
- Load Bearing Pervious Surface.
- Cost Efficient.

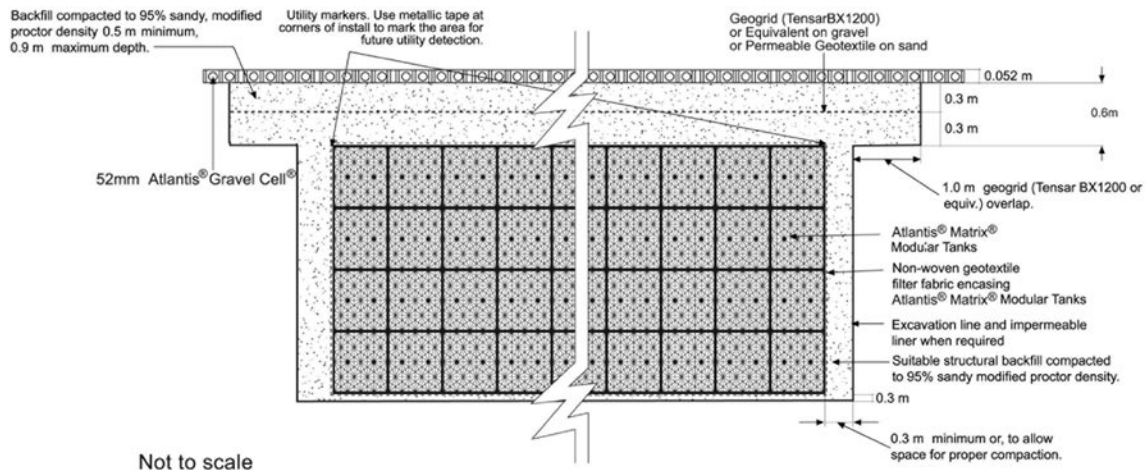


Gravel Cell<sup>®</sup> installed for an internal road of a housing development .



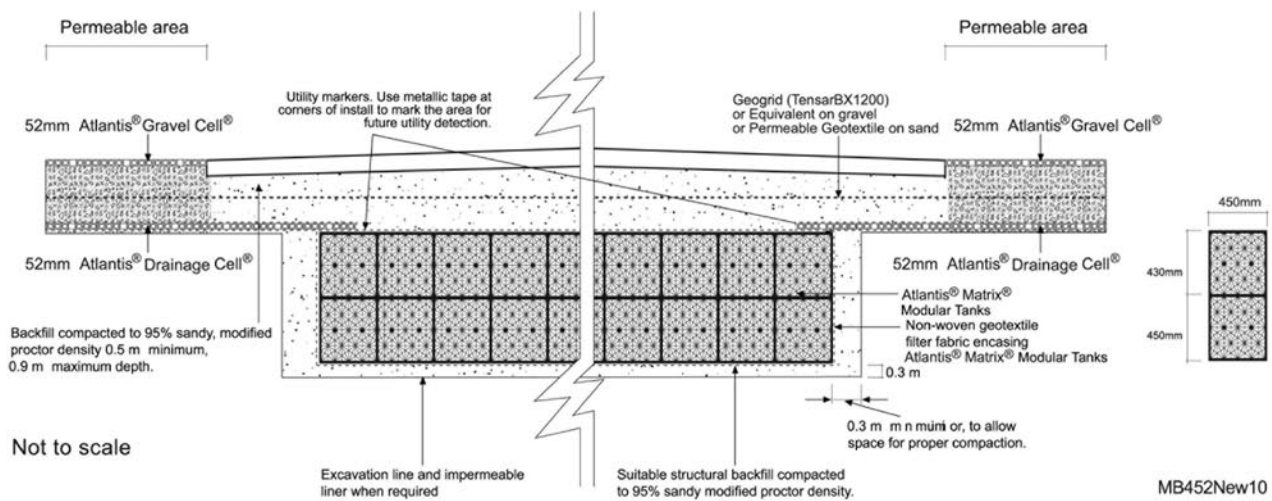
Gravel Cell<sup>®</sup> installed for individual car parking lots.

## Typical Carpark Design With Full Infiltration



MB452CNew

## Typical Carpark Design With Gravel Cell® Infiltration Areas



MB452New10

| Part Number | Size                    | Strength                  |
|-------------|-------------------------|---------------------------|
| 80002       | (T)52 x (W)260 x (L)480 | 1457.60 kN/m <sup>2</sup> |

(T) Thickness, (W) Width, (L) Length

**Note:** Atlantis® products are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions.

**Safety Factors:** Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis representative.

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