

Interlocking Concrete Lego Blocks

Specification Sheet
CBS120000

06/08/25

safesite[®]
F A C I L I T I E S



Interlocking Concrete Lego Blocks

Legato™ (also known as Lego) concrete blocks are high strength interlocking concrete blocks that can be used to manage vehicle and pedestrian access at your premises as well as being ideal for building custom storage bays, partition walls, security barriers and much more.

From the Italian meaning 'tied together', Legato™ interlocking concrete blocks are highly resilient and robust providing the same advantages as in-situ concrete without the cost, inflexibility and interruption of having to cast on site.

Created only from Portland cement and locally-sourced aggregates (and containing no reinforced steel, recycled or waste materials), these high strength blocks are manufactured with 50N/mm² concrete and have their own cast-in lifting pins. Each standard block produces 1.28m² of fire resistant wall and is incredibly durable. Quick and easy to install, Legato™ concrete blocks provide a simple solution to a number of long-term or temporary projects.



Forklift Lifting Clutch attached



Legato Blocks on site

Key Features

- Various sizes available
- 50N/mm² concrete
- Resilient and robust Lego blocks
- Quick and easy to install
- Lifting anchors cast into blocks
- Delivery and install available nationwide

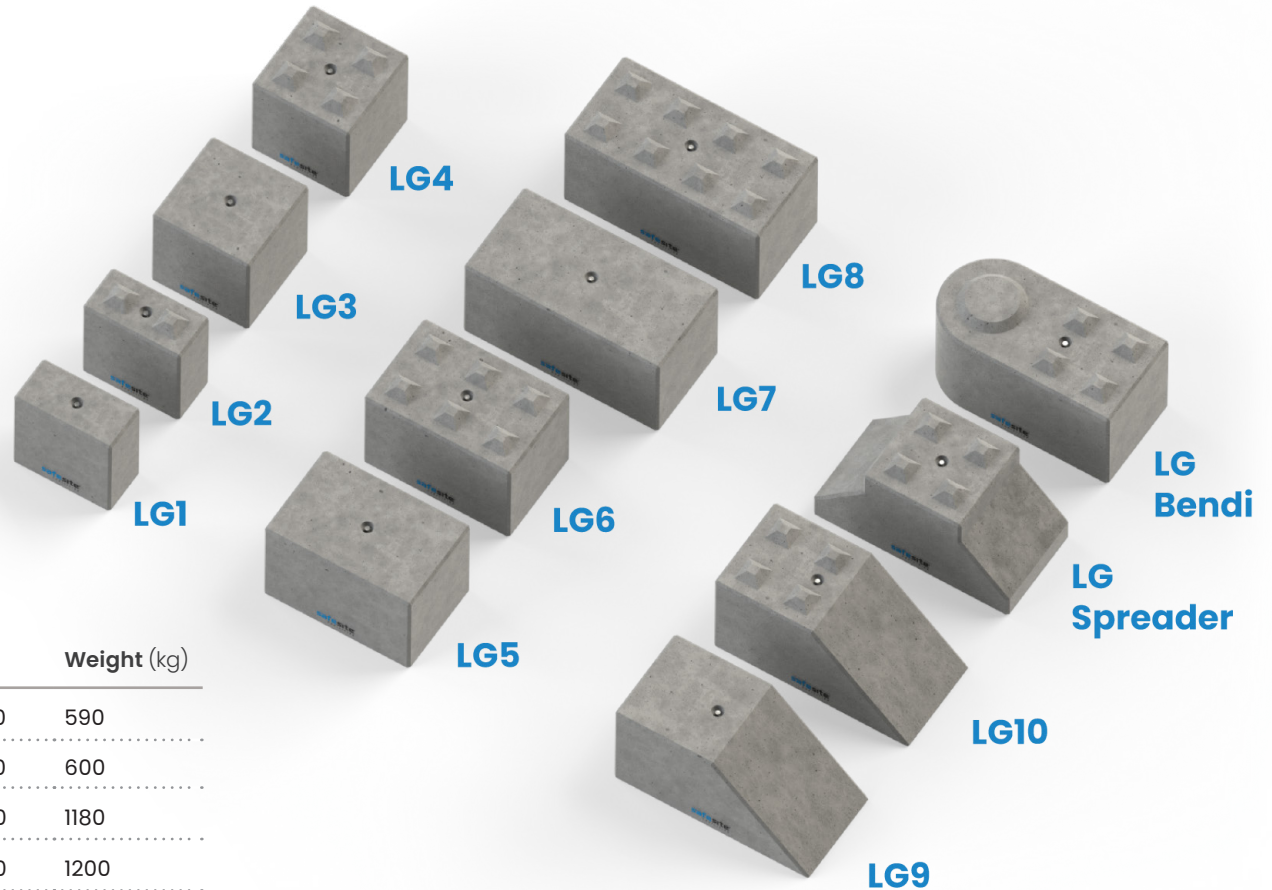
| Description | Size (mm) | Weight (kg) |
|--|---------------------|-------------|
| CBSI20000 - LG2 Legato Block (Smooth) | H800 x W400 x D800 | 590 |
| CBSI20010 - LG2 Legato Block | H800 x W400 x D800 | 600 |
| CBSI20020 - LG3 Legato Block (Smooth) | H800 x W800 x D800 | 1180 |
| CBSI20030 - LG4 Legato Block | H800 x W800 x D800 | 1200 |
| CBSI20040 - LG5 Legato Block (Smooth) | H800 x W1200 x D800 | 1775 |
| CBSI20050 - LG6 Legato Block | H800 x W1200 x D800 | 1800 |
| CBSI20060 - LG7 Legato Block (Smooth) | H800 x W1600 x D800 | 2365 |
| CBSI20070 - LG8 Legato Block | H800 x W1600 x D800 | 2400 |
| CBSI20080 - LG9 Legato Block (Sloped Smooth) | H800 x W1600 x D800 | 1765 |
| CBSI20090 - LG10 Legato Block (Sloped) | H800 x W1600 x D800 | 1800 |
| CBSI20150 - LG Spreader | H800 x W1600 x D800 | 1800 |
| CBSI20180 - LG Bendi | H800 x W1590 x D800 | 2240 |



Interlocking Concrete Lego Blocks Options

Legato Blocks provide a quick resolution for a number of projects, requiring substantial solid walls.

Our reinforced concrete Legato Blocks are ideal for building custom storage bays, partition walls, security blocks and retaining walls, and can be employed to ensure successful management of vehicular and pedestrian access at your commercial or residential premises.



| Description | Size (mm) | Weight (kg) |
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| CBSI20070 - LG8 Legato Block | H800 x W1600 x D800 | 2400 |
| CBSI20080 - LG9 Legato Block (Sloped Smooth) | H800 x W1600 x D800 | 1765 |
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| CBSI20180 - LG Bendi | H800 x W1590 x D800 | 2240 |



Legato Blocks in Action

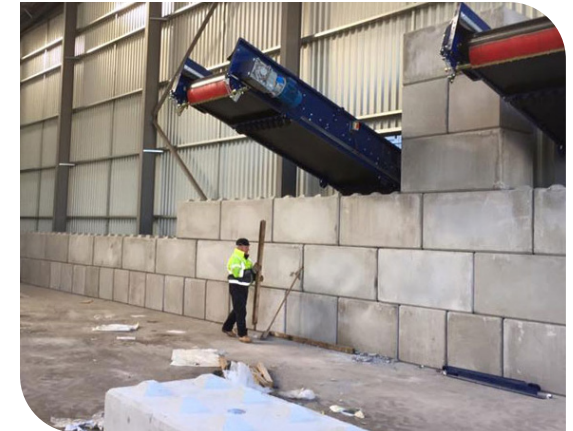
Here are some examples of our heavy duty Legato Blocks in action!

As you will see from the examples to the right, the Legato Blocks are versatile enough to be positioned in a variety of layouts, and also stacked in such a way to allow gaps for machinery such as the industrial conveyor belts pictured to the right.

Utilizing the Legato Blocks Lego style interlocking formation, heavy duty long lasting walls can be constructed in a fraction of the time need to build a bricks and mortar equivalent.



Solid Legato Column Construction



Blocks Form Gap For Agricultural Conveyor Belts



Legato Wall Being Constructed



Legato Blocks Form Dividing Wall

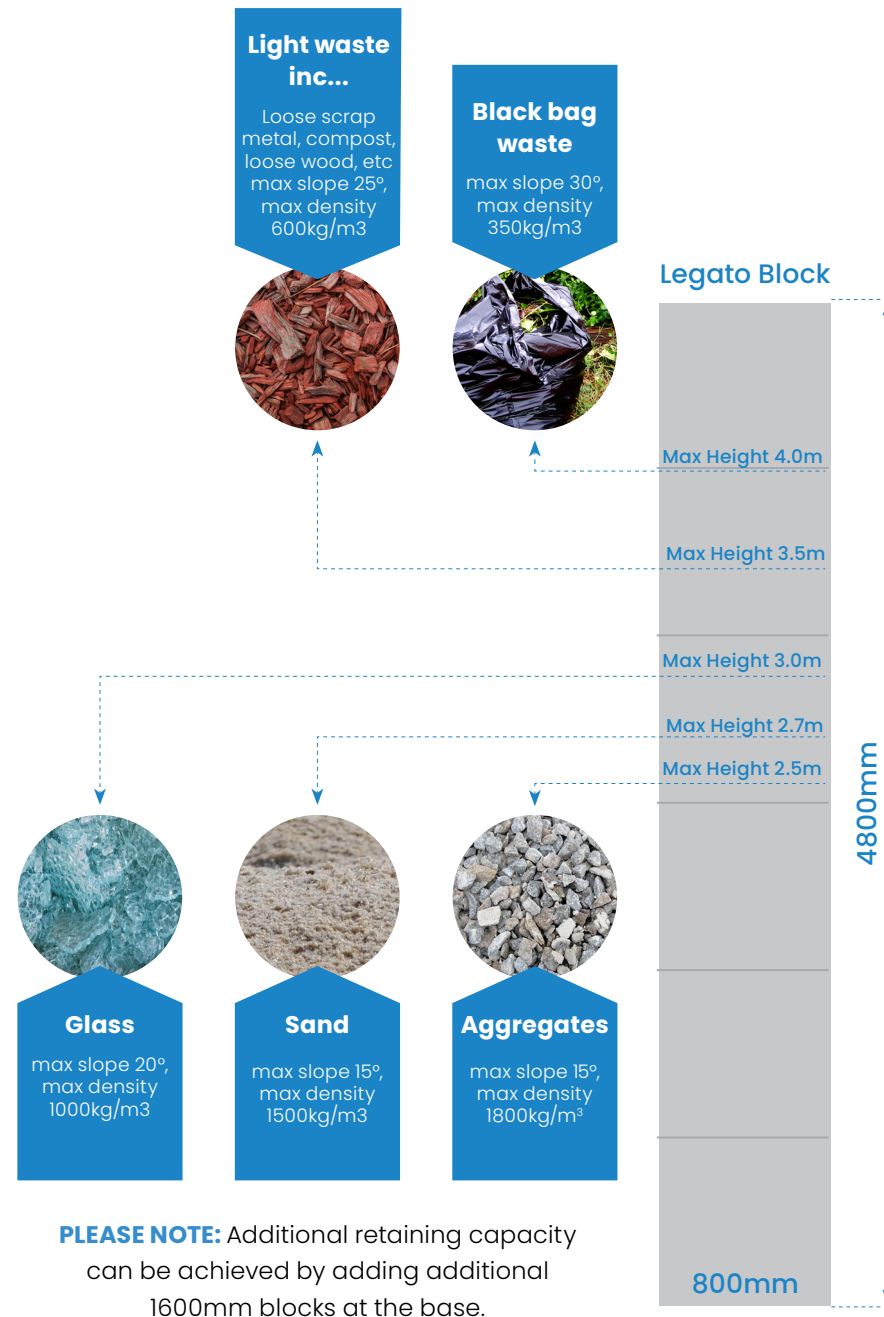


Loading Capacity - Standard Base

Maximum height and volume capacities for various materials.

The diagram to the right demonstrates the different loading capacities depending on the type of material stored against interlocked Legato Block walls.

It is very important to take into consideration the maximum height, slope angle and kg/m³ as detailed to the right when loading materials against a Legato structure.





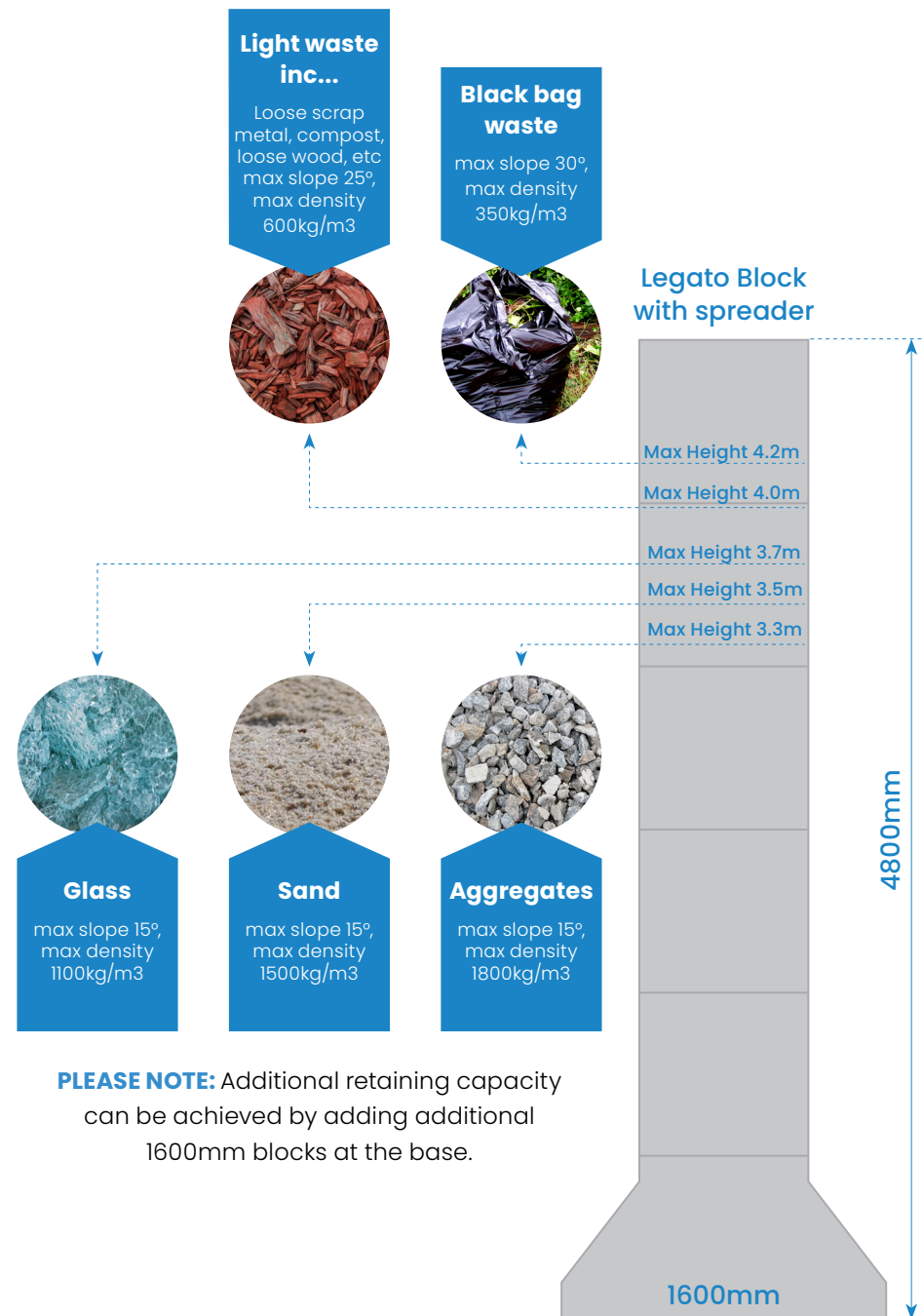
Loading Capacity – Spreader Base

Maximum height and volume capacities for various materials.

The diagram to the right demonstrates the different loading capacities depending on the type of material stored against interlocked Legato Block walls.

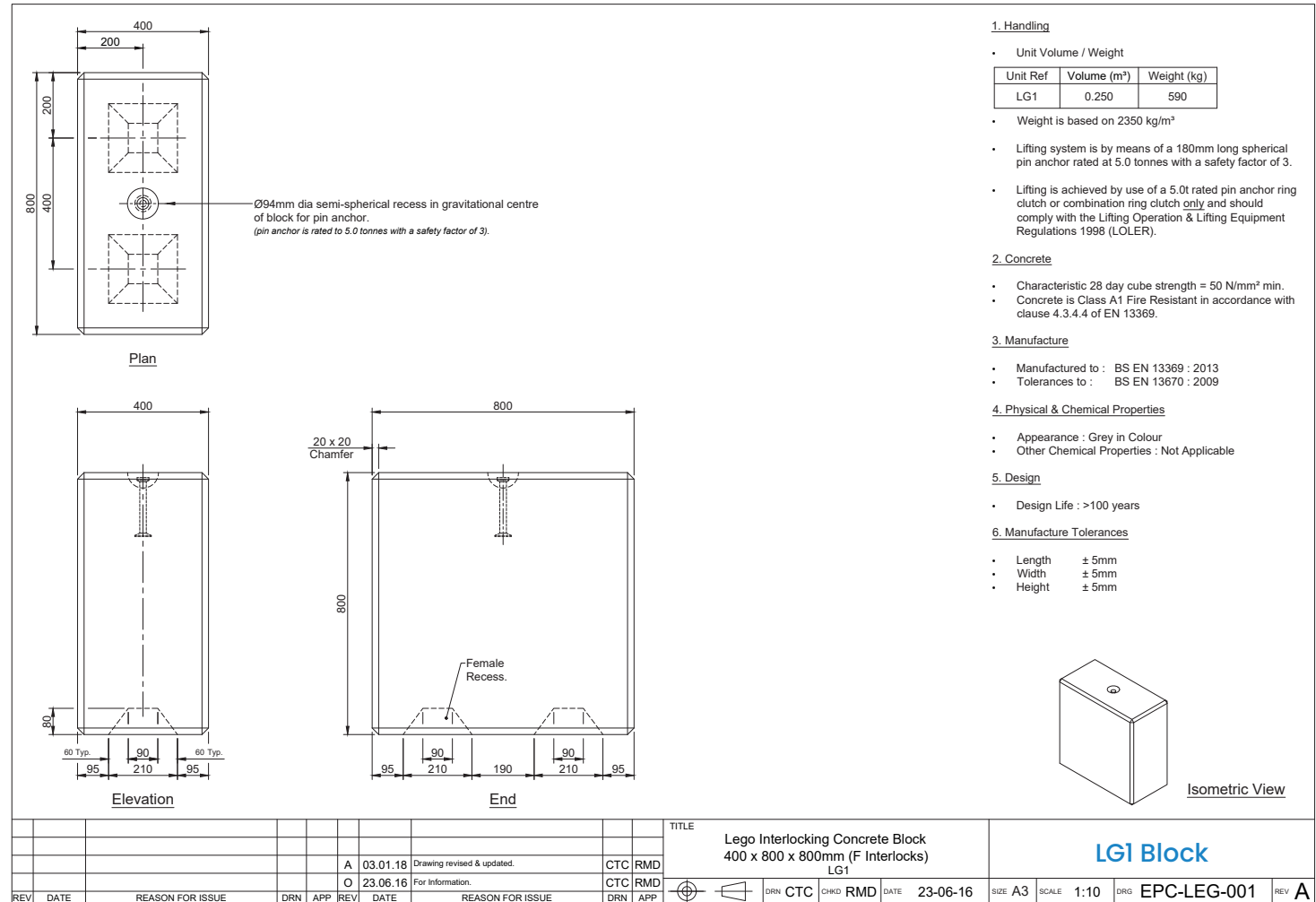
It is very important to take into consideration the maximum height, slope angle and kg/m³ as detailed to the right when loading materials against a Legato structure.

As you will notice when comparing this diagram and the diagram overleaf, the wall with a spreader base block can withstand a higher stacking load.



Technical Details

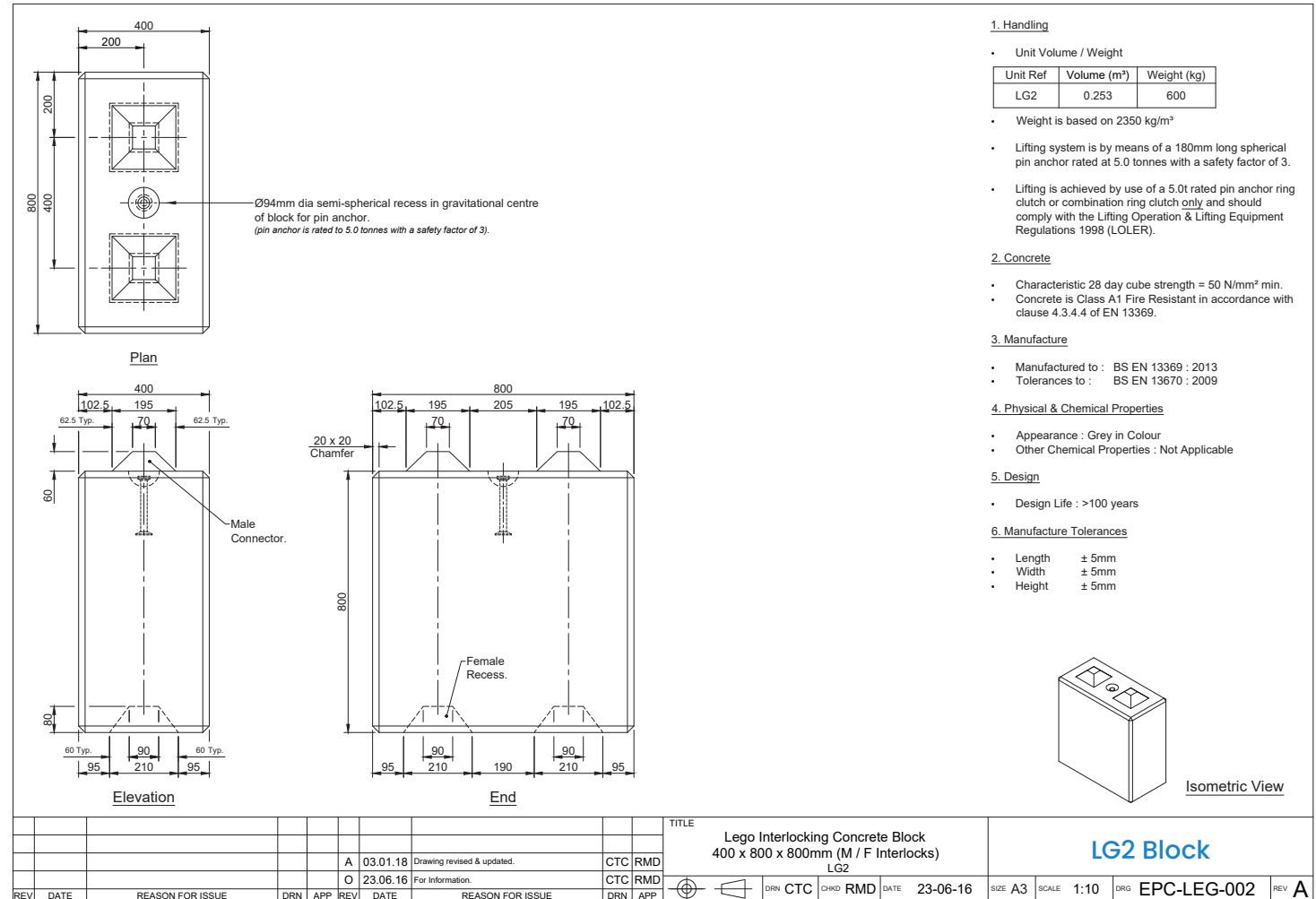
LGI block detailed specification and measurements..





Technical Details

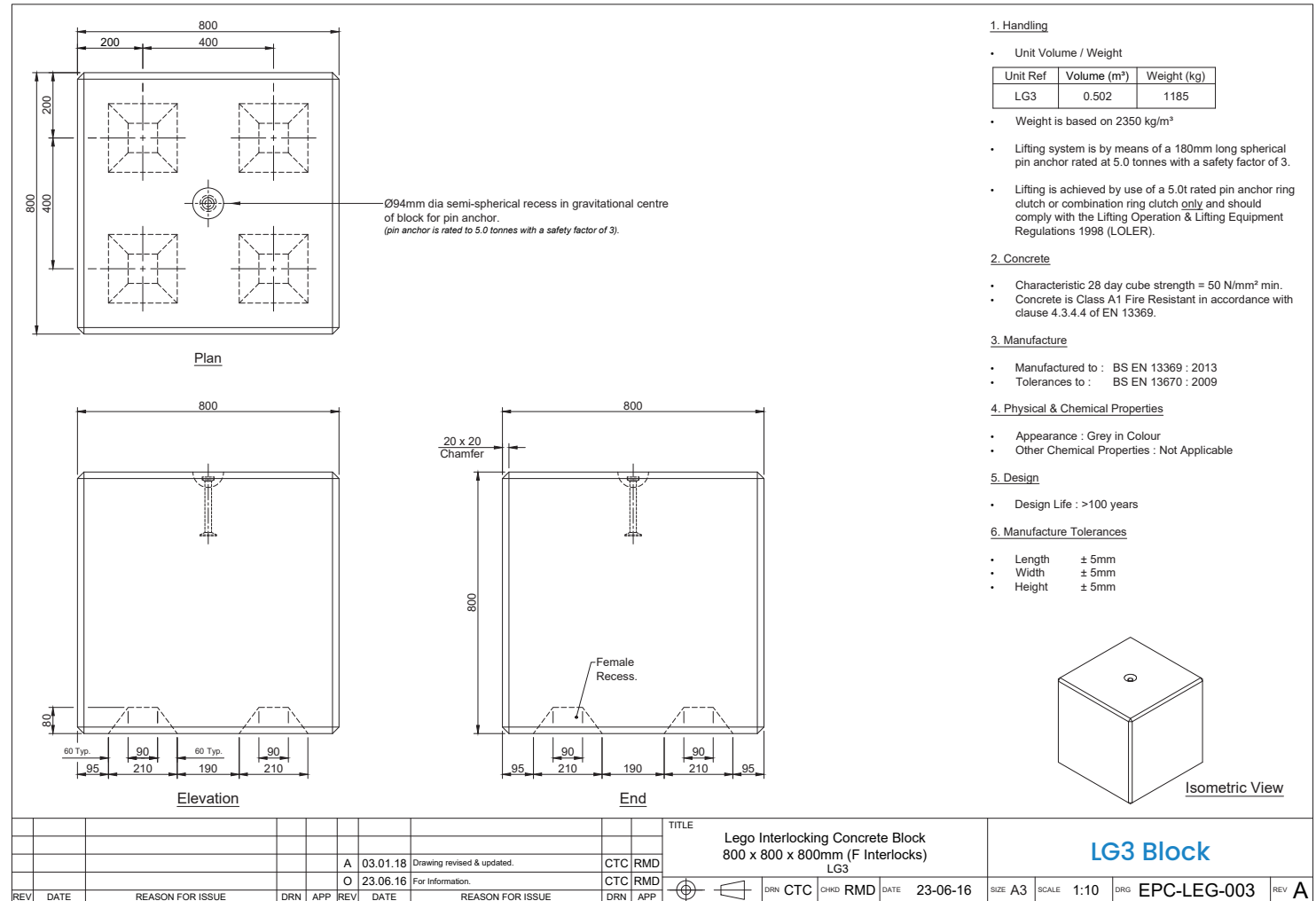
LG2 block detailed specification and measurements..





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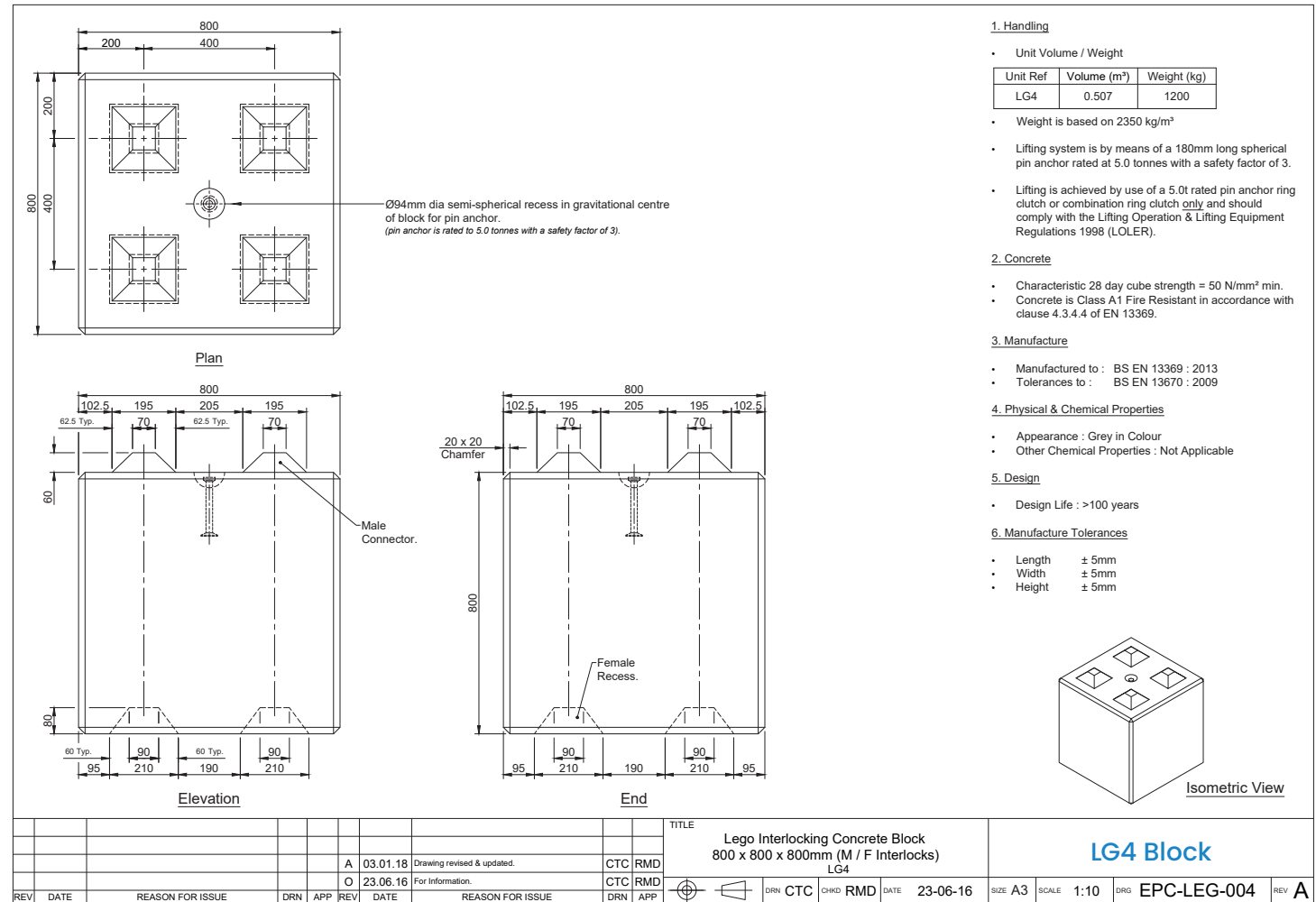
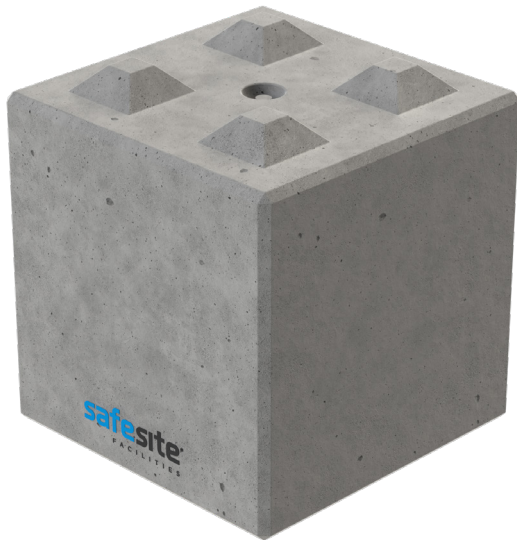
LG3 block detailed specification and measurements..





Technical Details

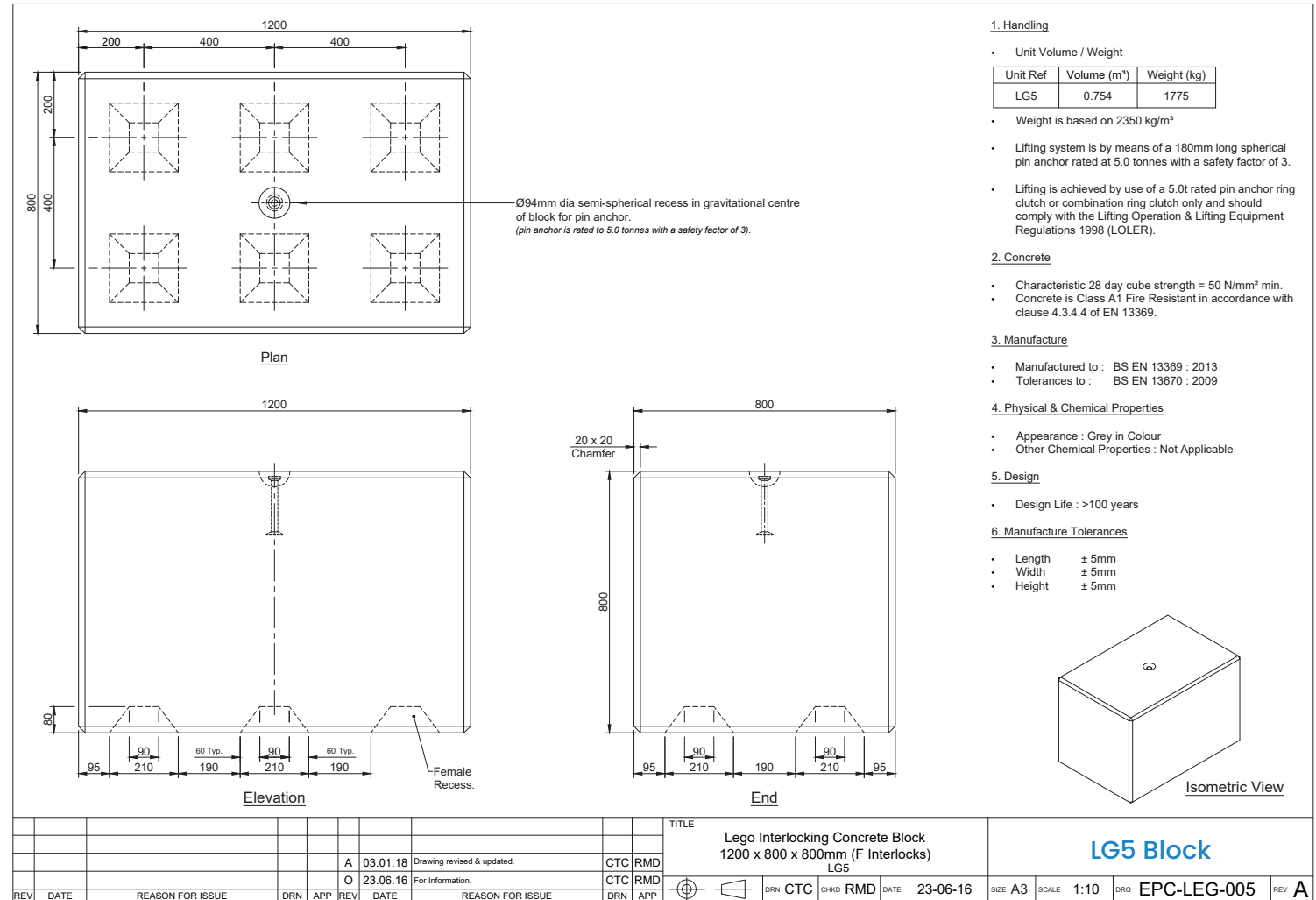
LG4 block detailed specification and measurements..





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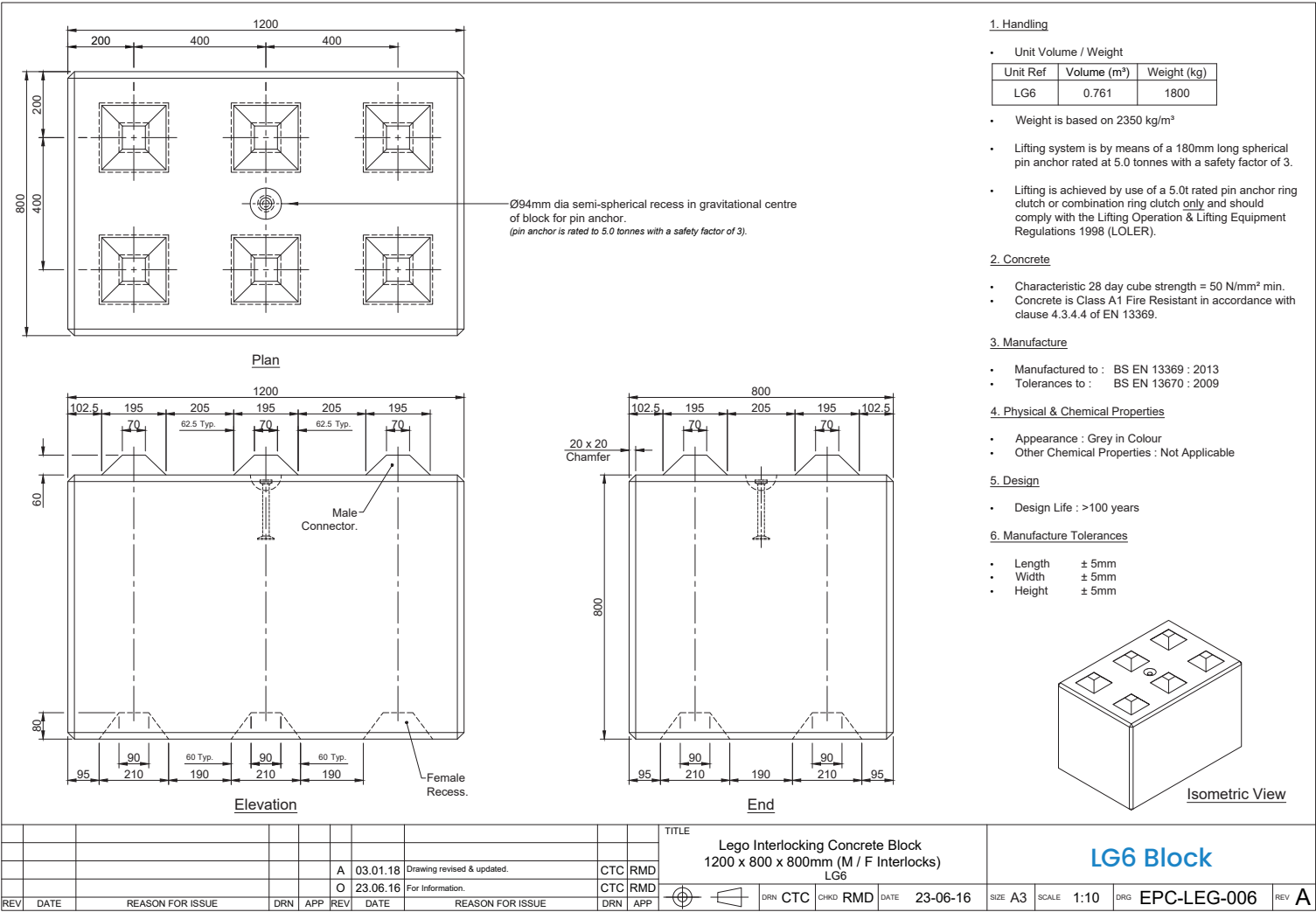
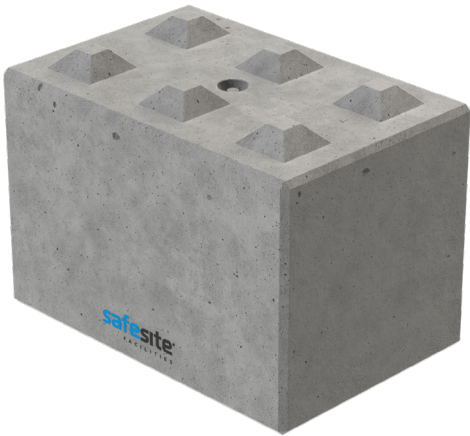
LG5 block detailed specification and measurements..





Technical Details

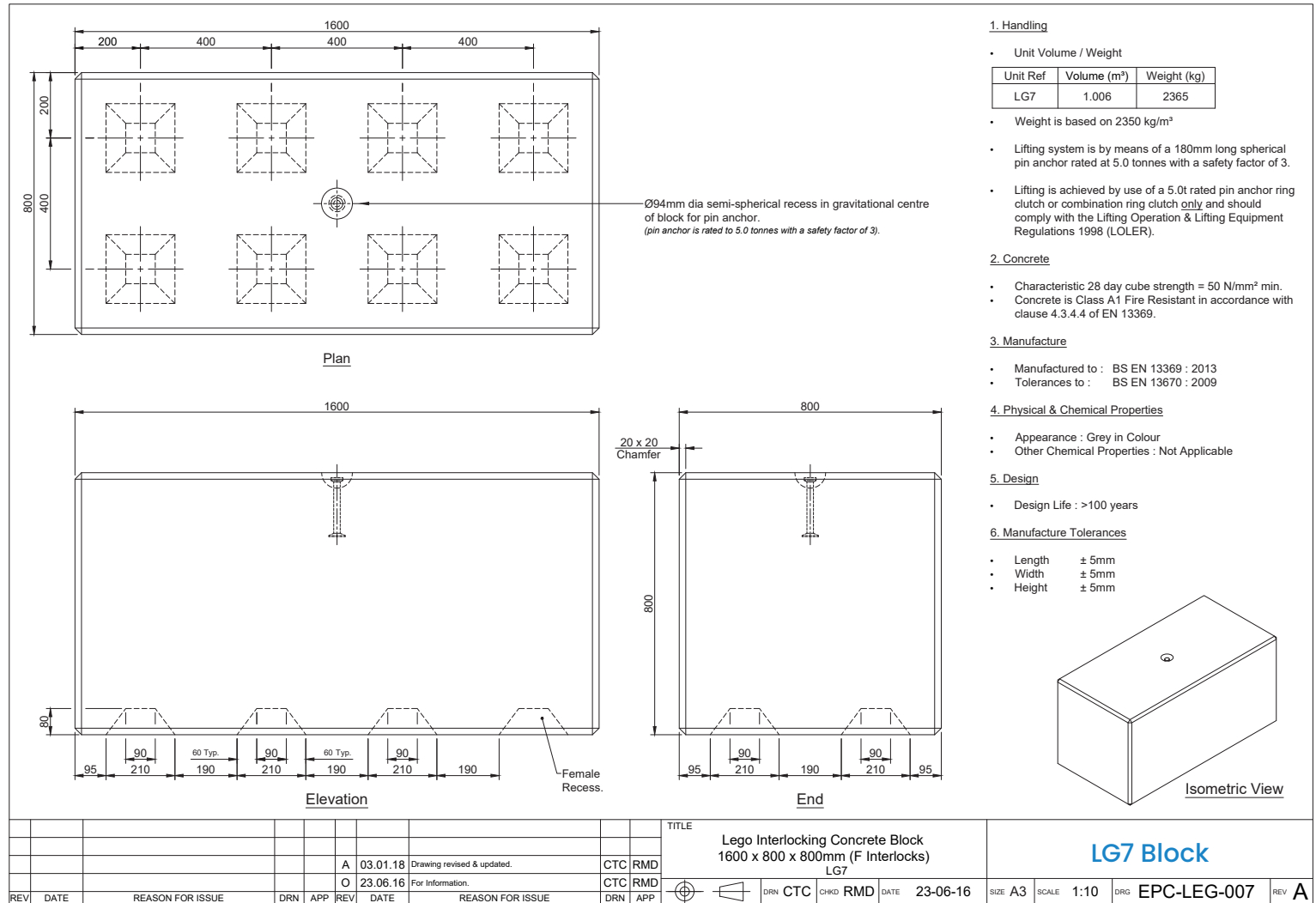
LG6 block detailed specification and measurements..





Technical Details

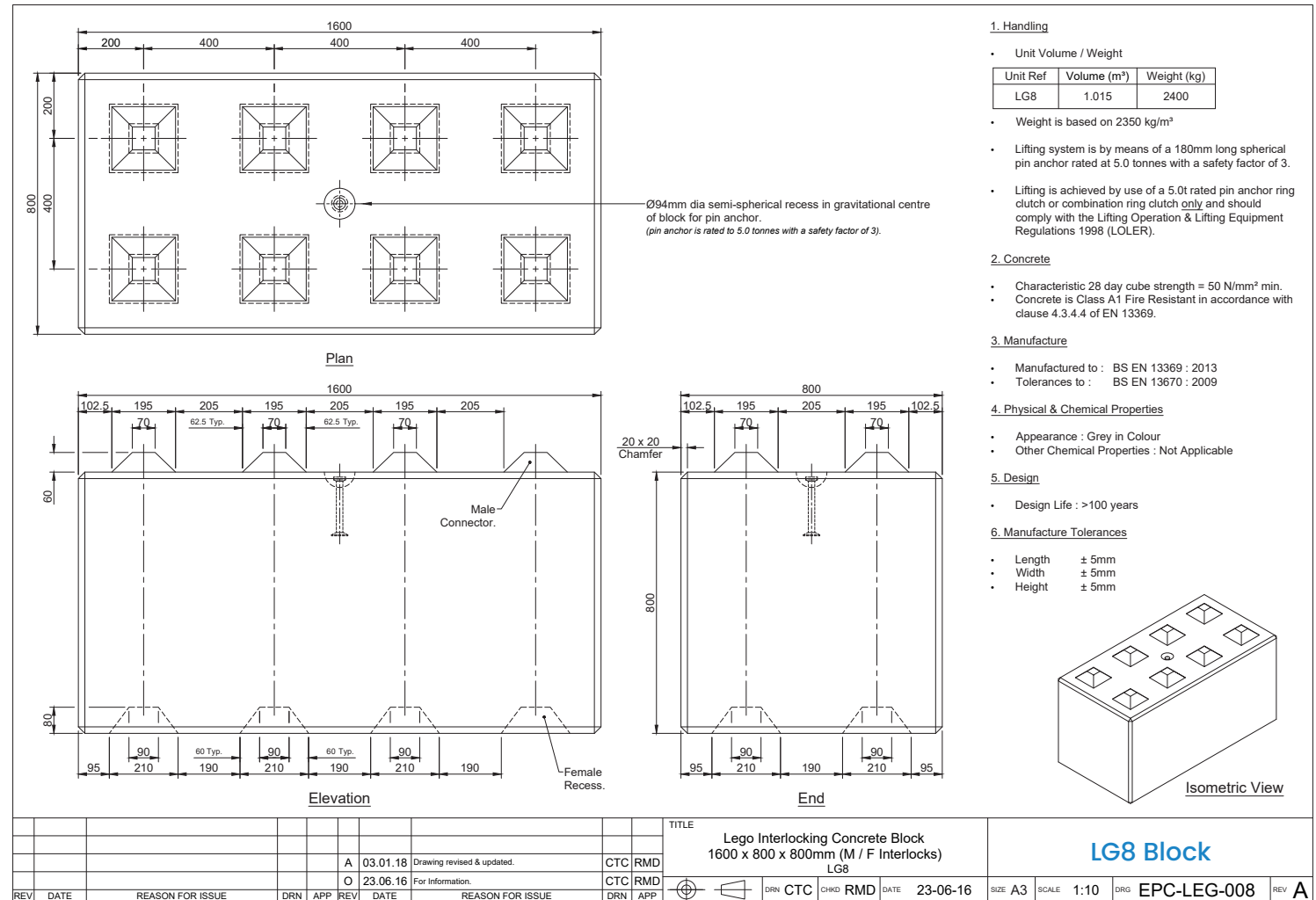
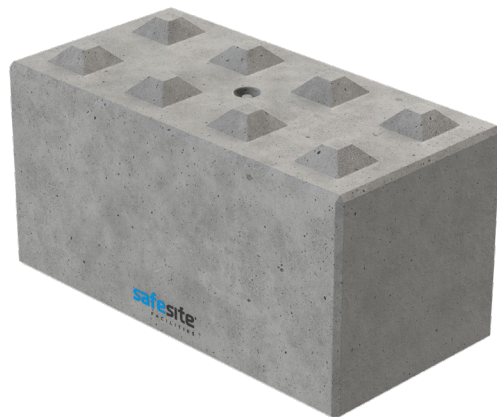
LG7 block detailed specification and measurements..





Technical Details

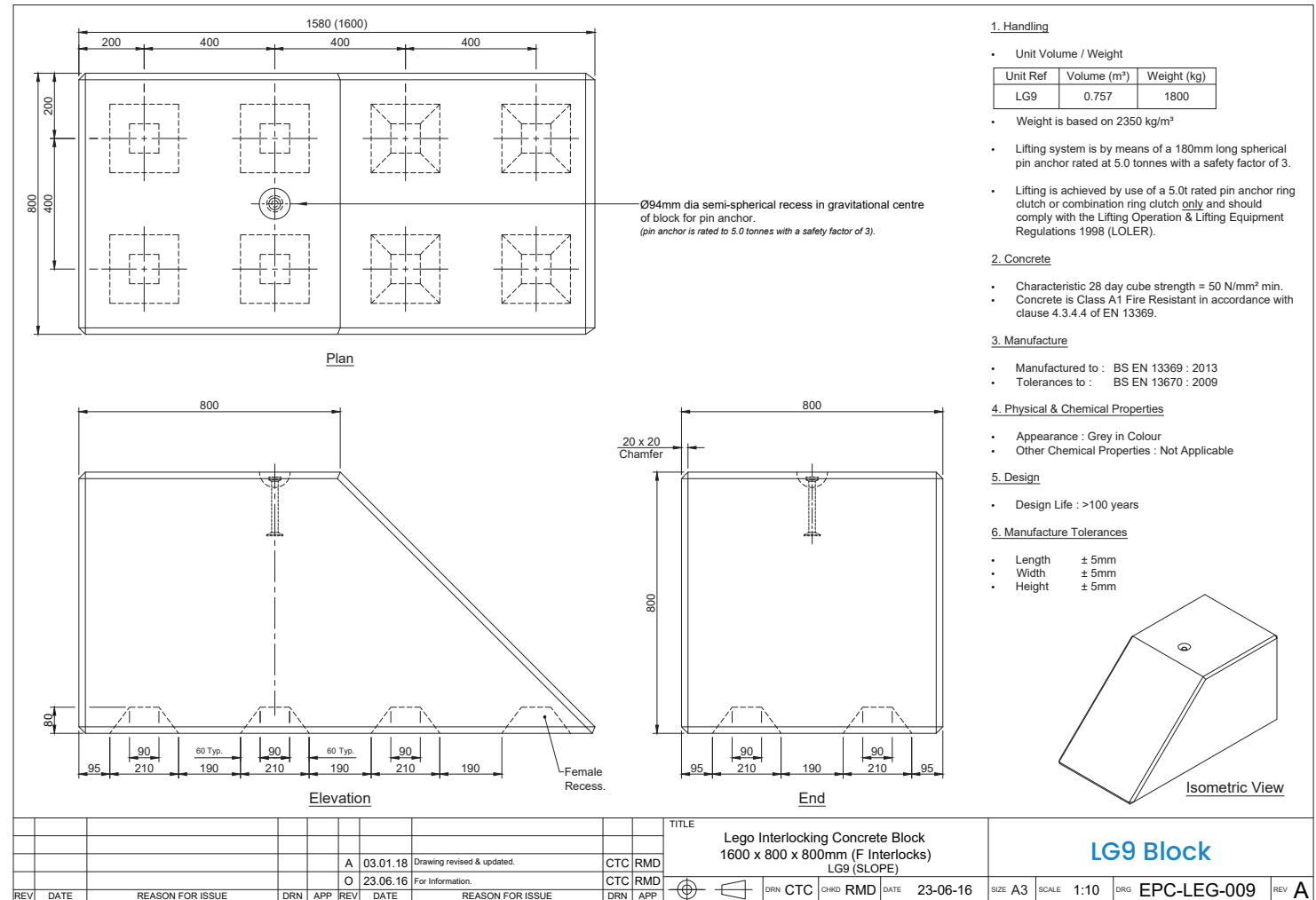
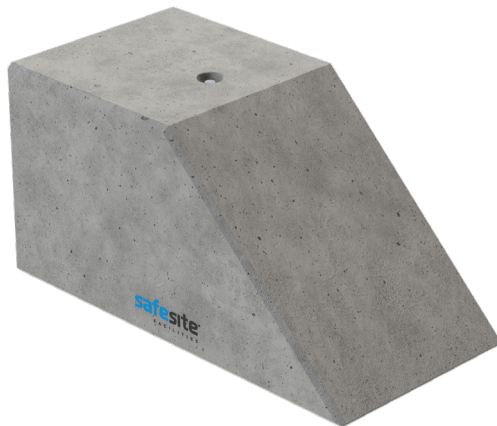
LG8 block detailed specification and measurements..





Technical Details

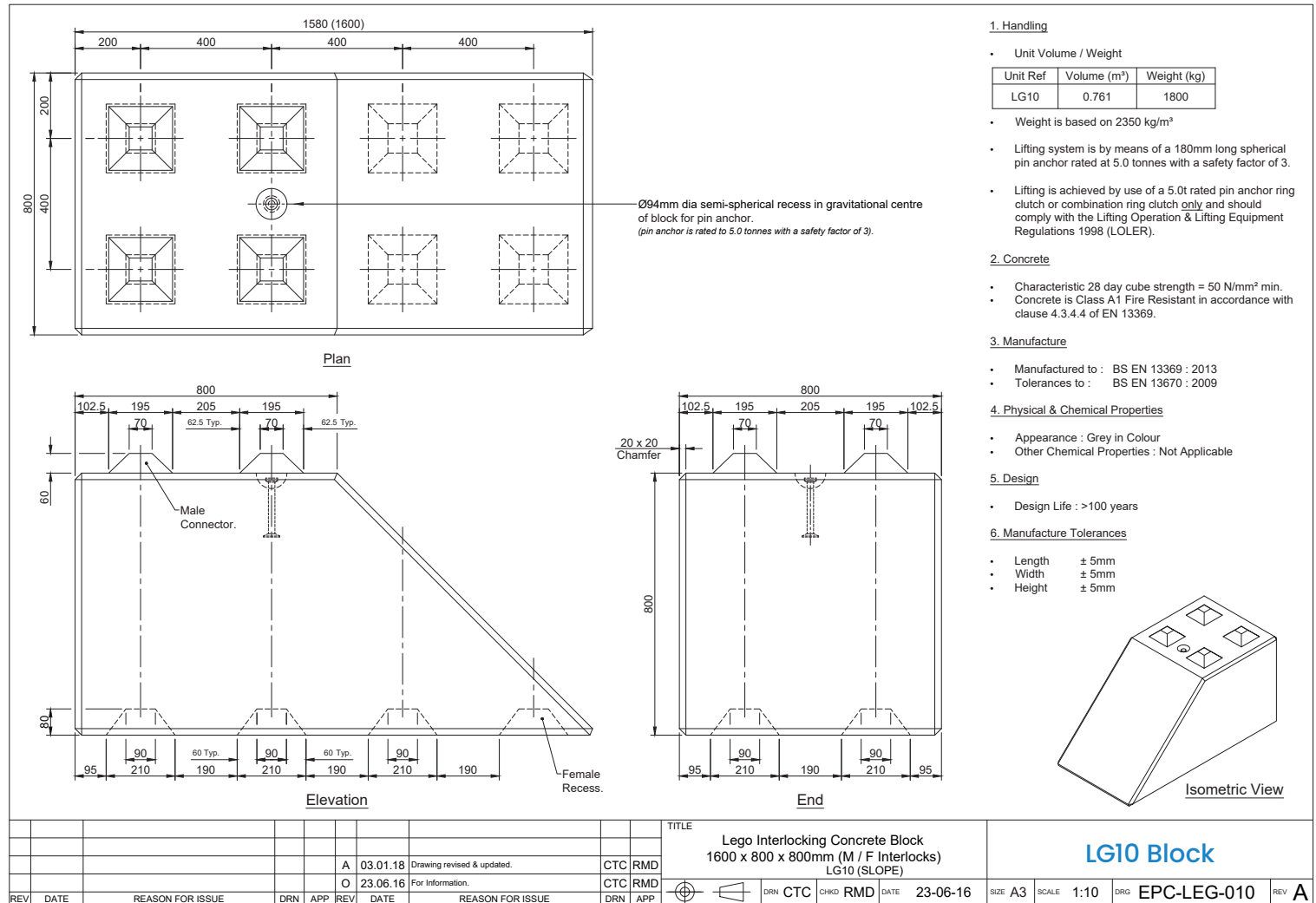
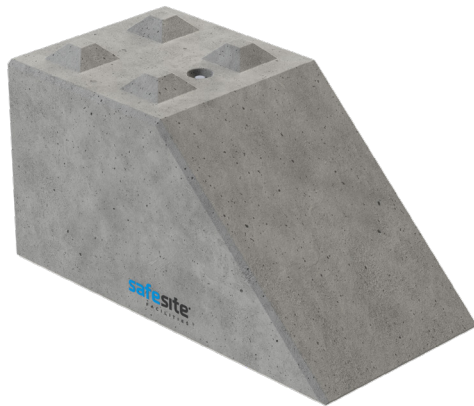
LG9 block detailed specification and measurements..





Technical Details

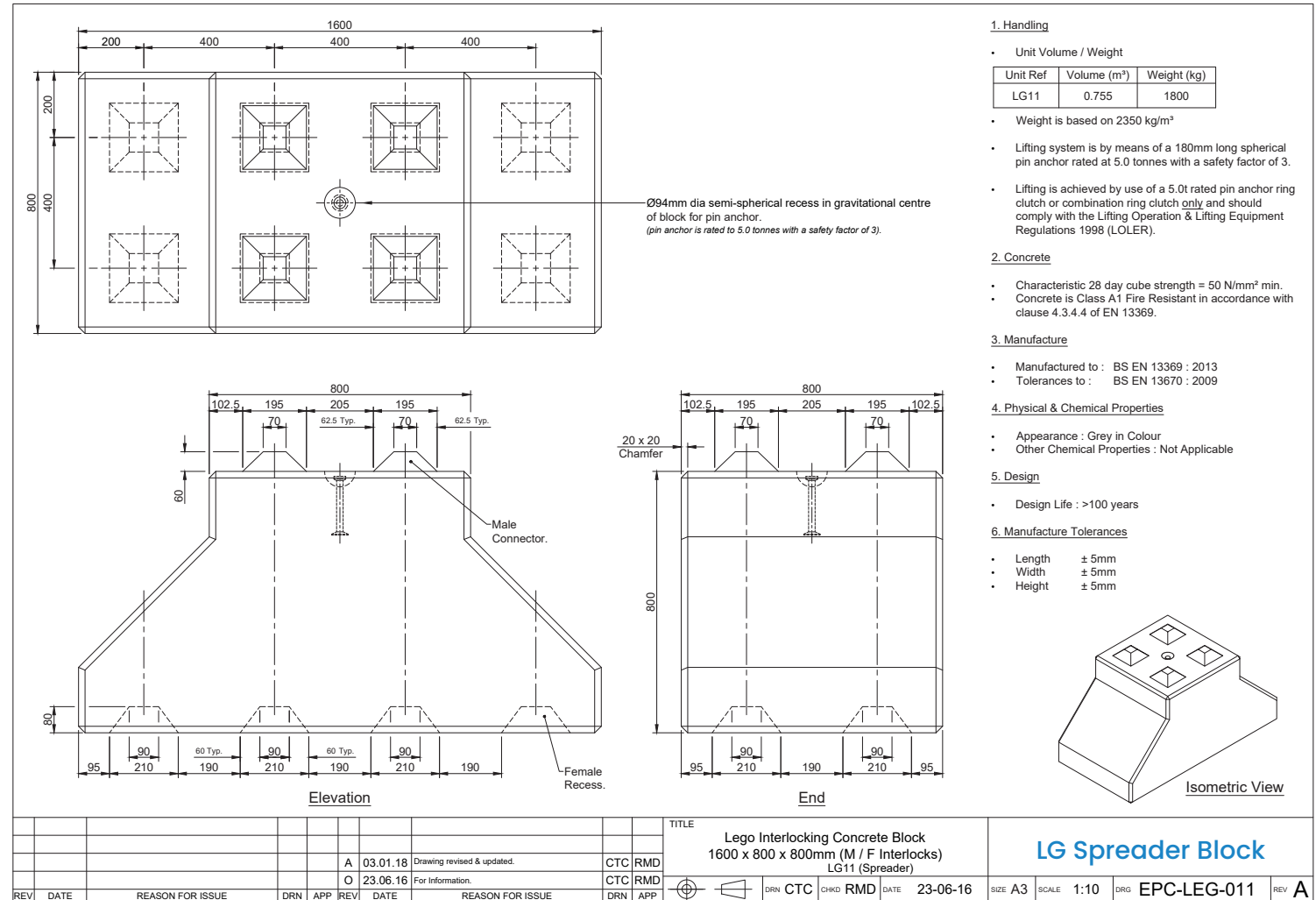
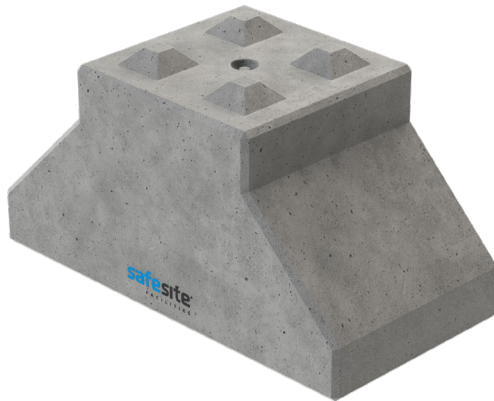
LG10 block detailed specification and measurements..





Technical Details

LG Spreader block detailed specification and measurements..





Technical Details

LG Bendi block detailed specification and measurements..

