

## UNIQUE FEATURES

Suitable for all surfaces and planes

Equipped with automatic irrigation system

Fully grown

Low water consumption

Reduces fine dust by 40 - 60%

Fully recyclable

Low maintenance

Double-sided greenery  
(on multi-storey car parks)



## BENEFITS

Contributes to the greening of urban areas

Contributes to a healthy environment

Contributes to biodiversity

Improves air quality

Increase in value for real estate

Insulating effect

Prevention of graffiti

## INSTALLATION

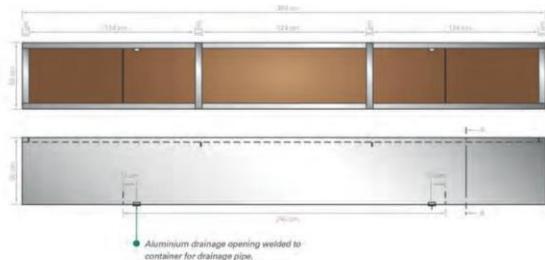


## SUPPORTING STRUCTURE

Due to the weight of the WallPlanter elements, a robust support structure is necessary. This supporting structure, depending on the strength of the wall and the foundation, is attached to the wall or resting on the base. Apply to support construction: The planters will be installed on the support structure using a crane.

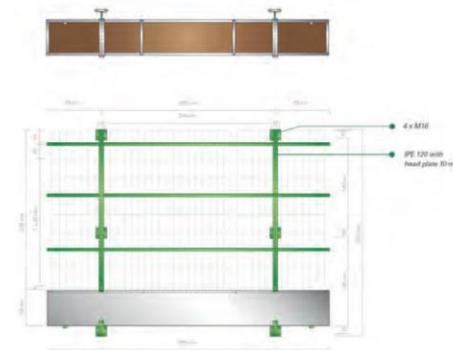
## IRRIGATION

Each planter is supplied with water and nutrients through an irrigation system. In order to avoid too much water remaining in the plant (for example, in heavy rain), each plant container is also provided with drainage. This also ensures the supply of oxygen to the plant roots. For the supply of water and nutrients a technical area of at least 4 m<sup>2</sup> is required. Ideally, this technical is situated as close to the living wall as possible. The containers are made of high quality aluminium and all sides include an insulation layer with a drainage layer at the bottom. If desired, the containers can be supplied in any RAL colour.



## DIMENSIONS

The standard planter has the following dimensions: 50x50x390 cm. Other lengths (260 cm, 130 cm, and customised sizes) are possible. The Mobilane Green Screens in the planters are up to 220 cm high. The total height of an element (including Planter and support points) is 285 cm. The total weight of a standard container of 390 cm length and 220 cm high Mobilane Green Screen is 1450 kg (maximum saturated state). This is equivalent to the weight of approximately 140 kg per m<sup>2</sup> green wall surface.



## PLACING AND WATERING

## Indoor

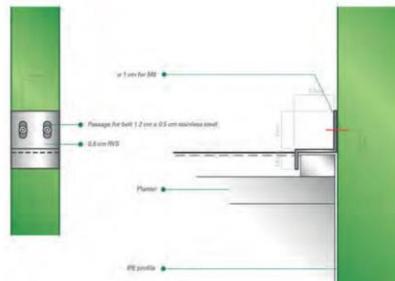
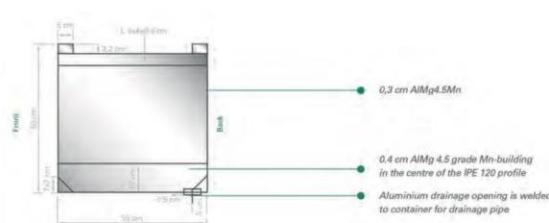
## Outdoor

## Watergift

Manual

Tan!

### Irrigation system



## REFERENCES AND APPLICATIONS



MULTISTOREY CAR PARK



UTILITY CONSTRUCTION



MULTISTOREY CAR PARK



UTILITY CONSTRUCTION

# CASE STUDY



## PROJECT INFORMATION

Commissioned by The Bracknell Regeneration Partnership (BRP), a dull, grey and run-down residential area with post-war architecture has been transformed into a hypermodern shopping centre with lots of green elements. In England Lexicon Bracknell, more than 1500 m<sup>2</sup> of green façade has been realized with the WallPlanter system. The green transformation is an important development in the creation of a sustainable and natural environment within the Lexicon shopping centre. The Lexicon has a retail area of approximately 11 football fields. The large-scale application of greenery is a key part of the project developer's philosophy.

## FULLY GROWN

The WallPlanter system consists of aluminium planters in which Mobilane Green Screens are placed. A fully covered green façade is created immediately upon delivery without having to wait for years. The ground floor, elevator shafts and walkways, among other things, get a friendly and natural appearance. In addition, the Mobilane Green Screens also capture fine dust and reduce CO<sub>2</sub>.

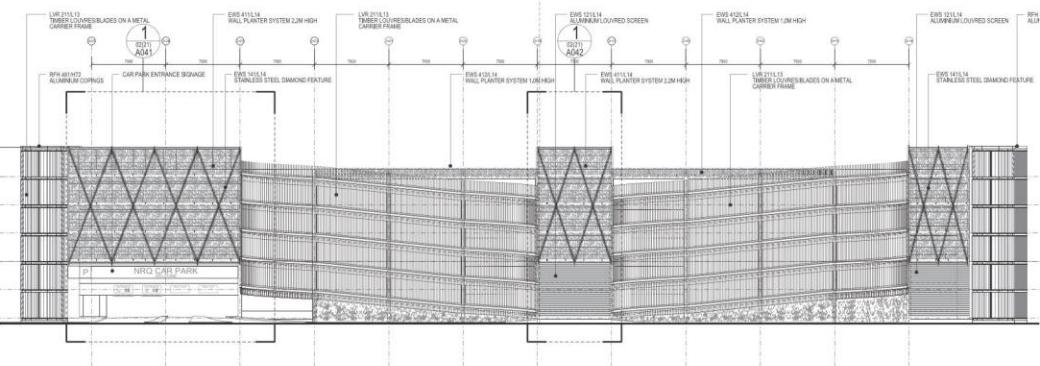
**CLIENT :** Bracknell Regeneration Partnership (BRP)

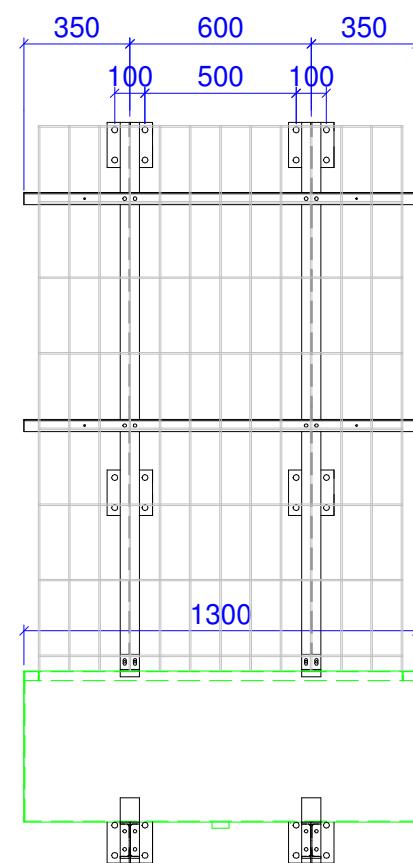
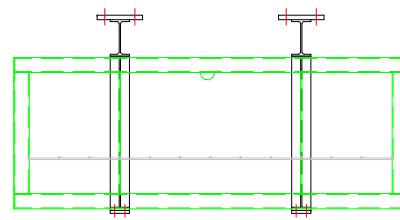
**ARCHITECT:** BDP

**CONTRACTOR:** Hedera Screen

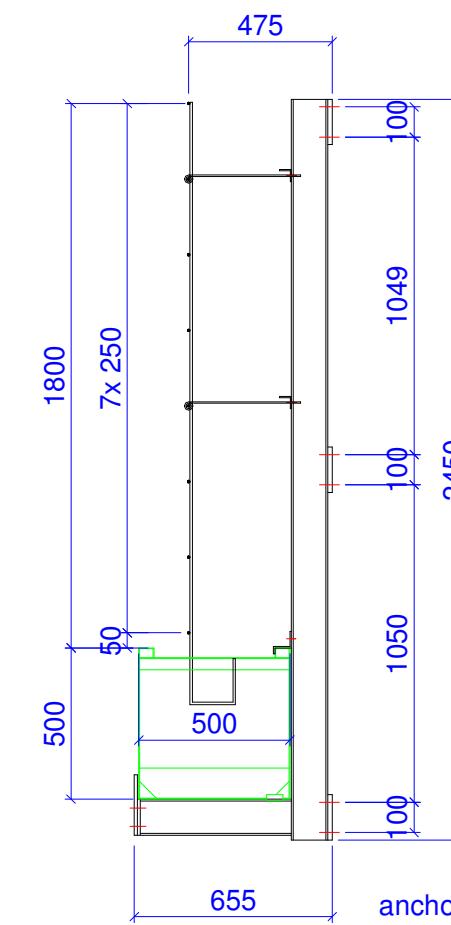
**YEAR OF CONSTRUCTION :** 2017

**LOCATION :** Bracknell, UK

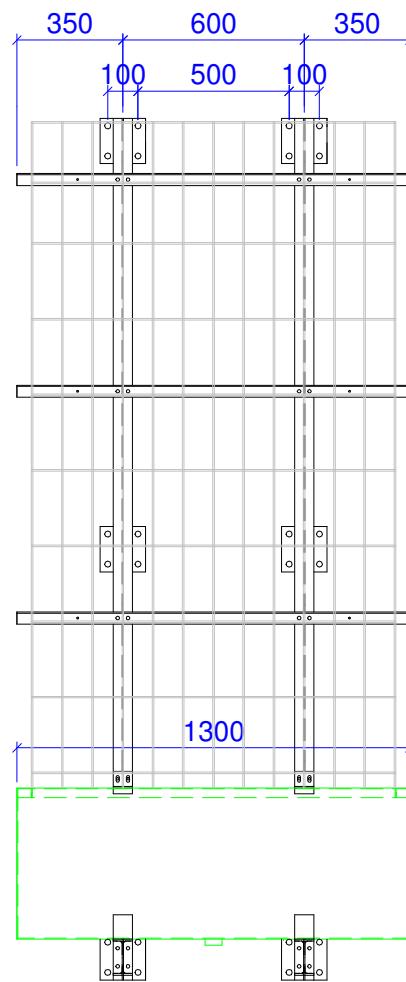
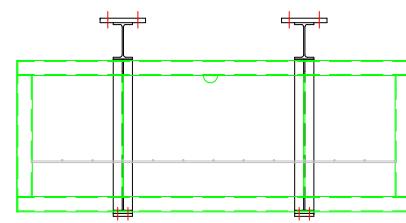




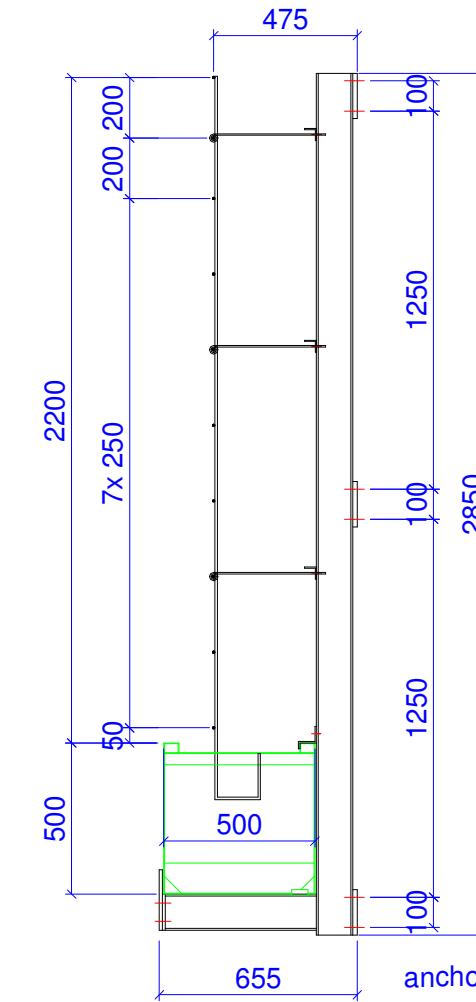
weight of the WallPlanter in normal condition approximately 415 kg  
maximum weight approximately 485 kg



	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 1300/1800		NUMBER WP-1300/1800	A3

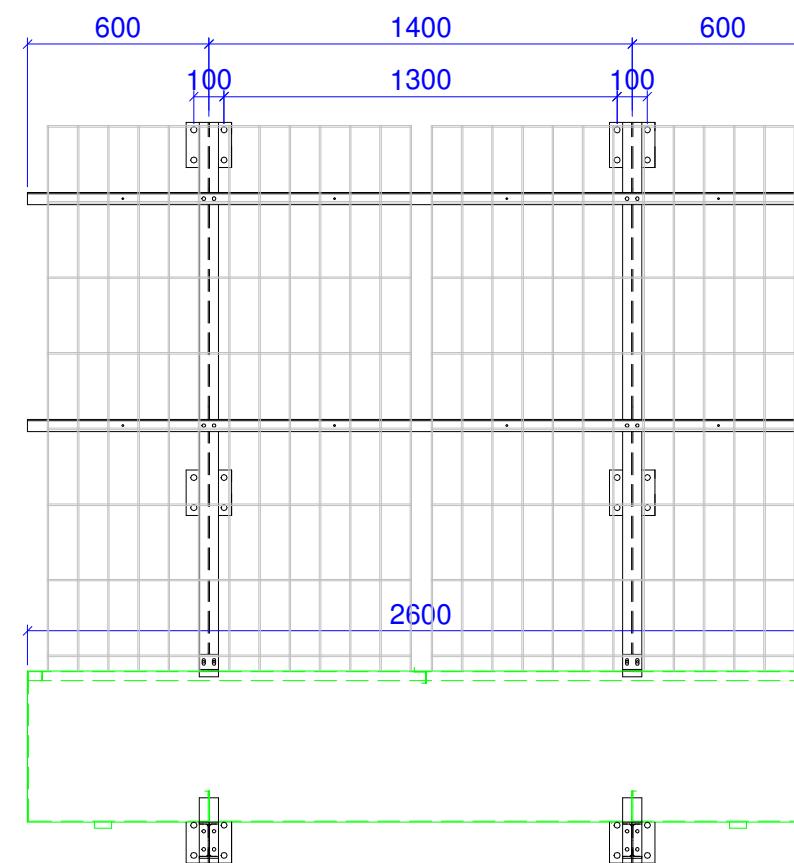
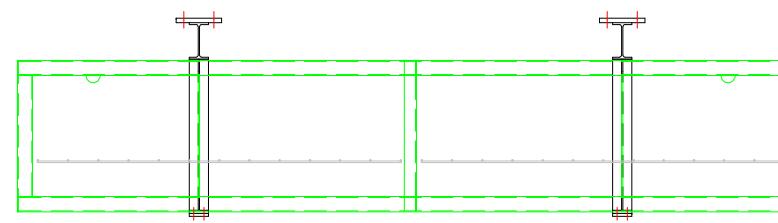


weight of the WallPlanter in normal condition approximately 415 kg  
maximum weight approximately 485 kg

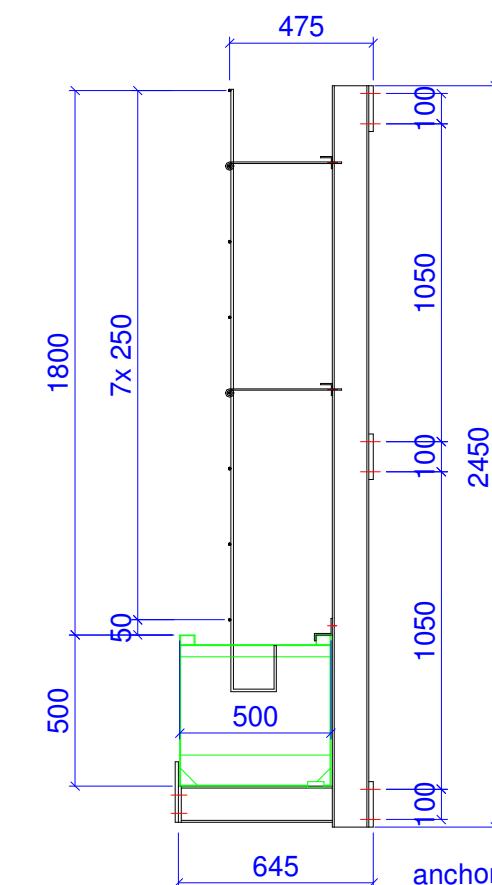


anchors or bolts M16

	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 1300/2200		NUMBER WP-1300/2200	A3

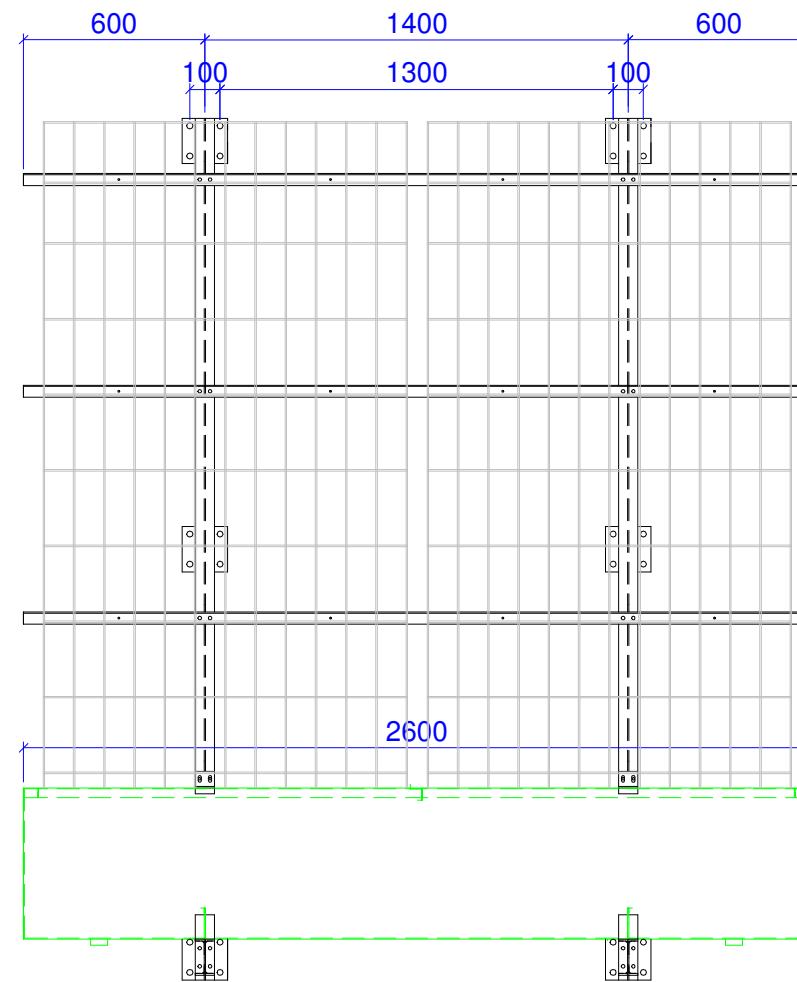
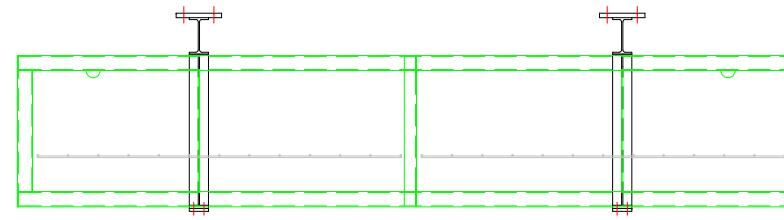


weight of the WallPlanter in normal condition approximately 835 kg  
maximum weight approximately 965 kg

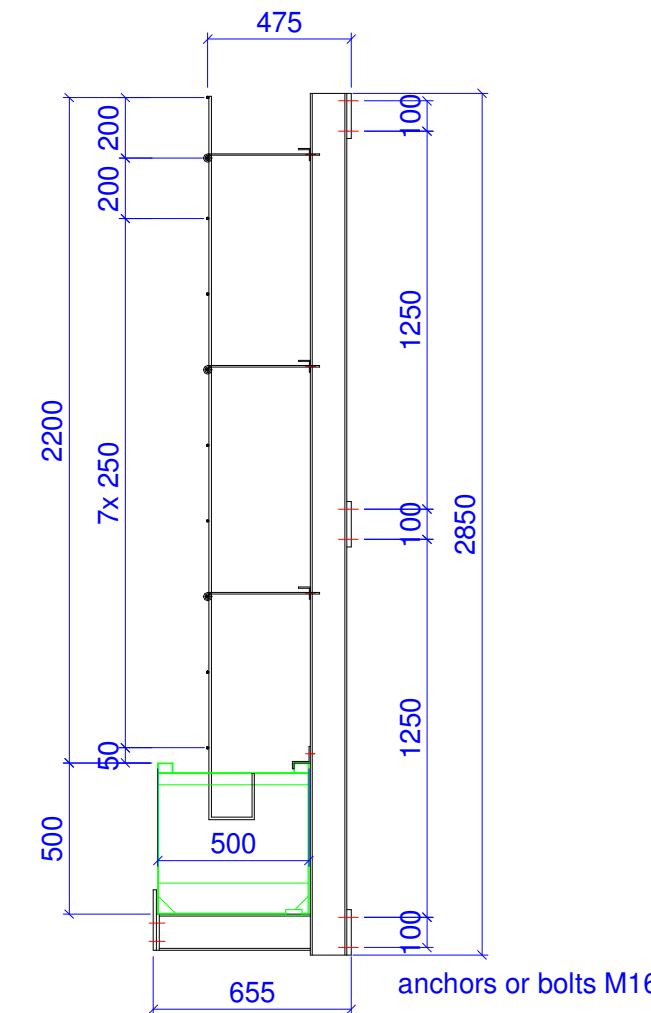


anchors or bolts M16

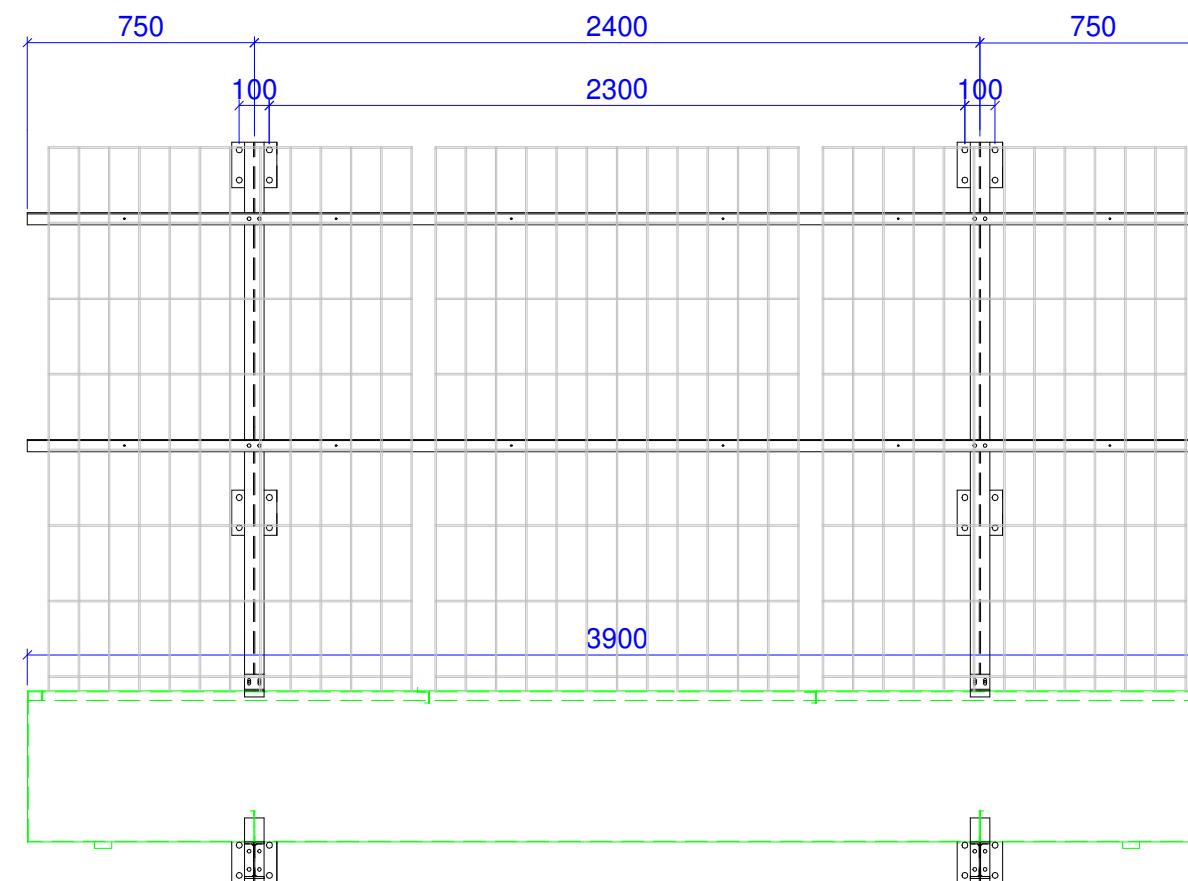
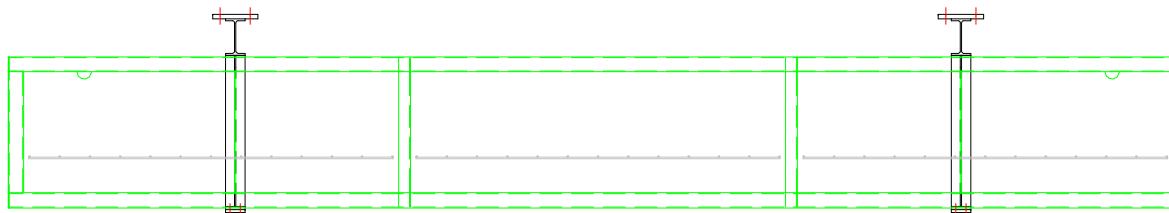
	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 2600/1800		NUMBER WP-2600/1800	A3



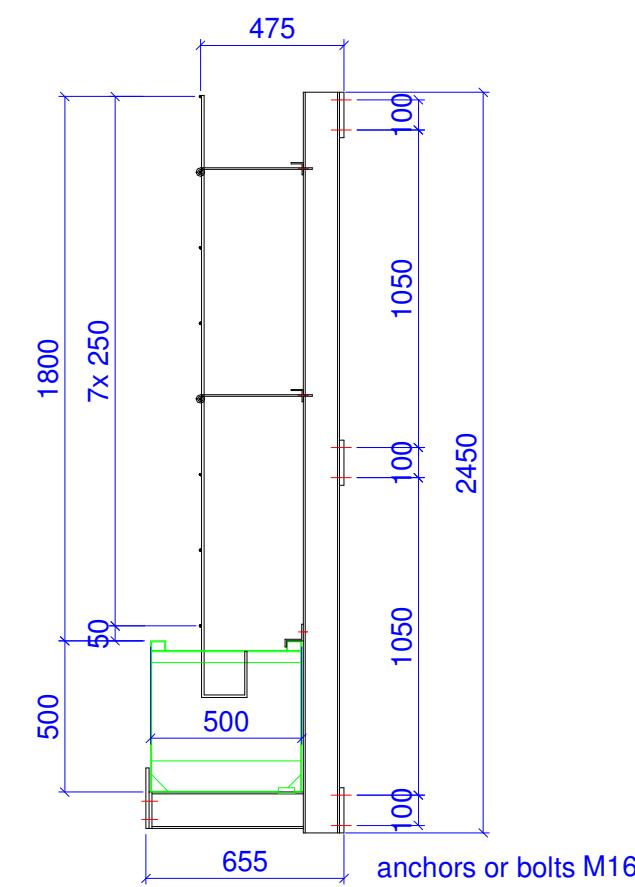
weight of the WallPlanter in normal condition approximately 835 kg  
maximum weight approximately 965 kg



	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 2600/2200		NUMBER WP-2600/2200	A3

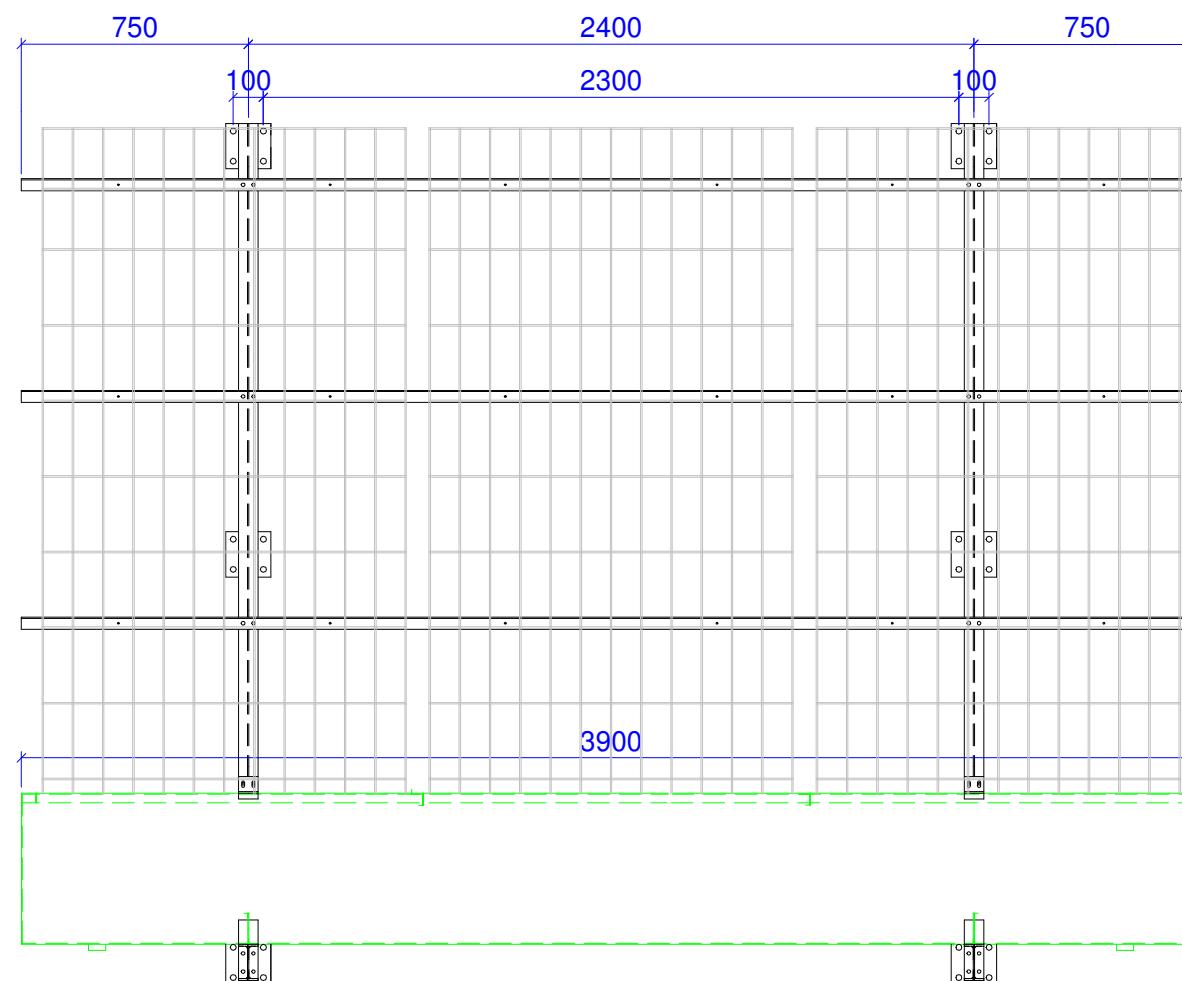
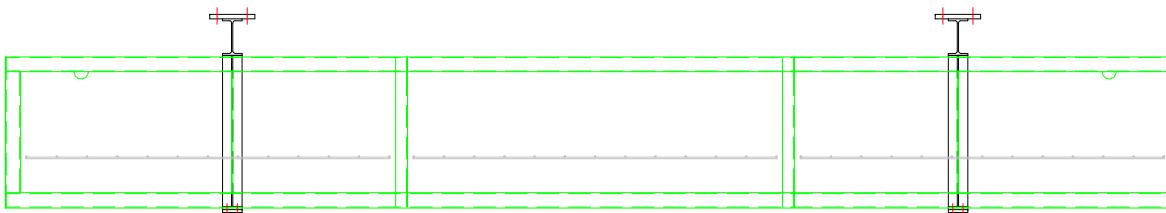


weight of the WallPlanter in normal condition approximately 1250 kg  
maximum weight approximately 1450 kg

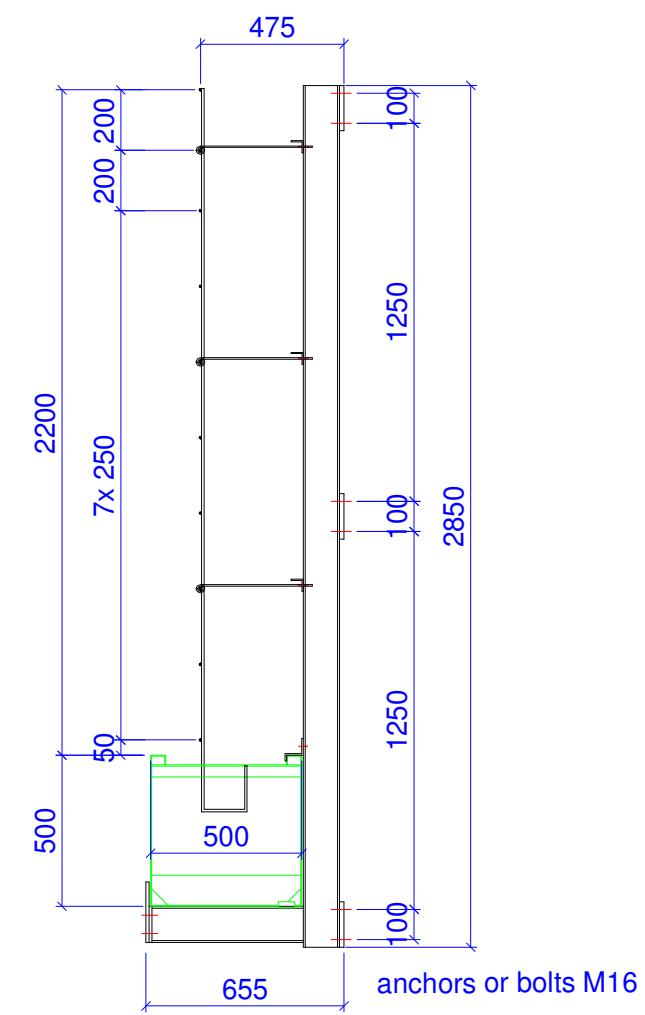


anchors or bolts M16

	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 3900/1800		NUMBER WP-3900/1800	A3



weight of the WallPlanter in normal condition approximately 1250 kg  
maximum weight approximately 1450 kg



anchors or bolts M16

	SCALE	: 1:25	DRAWN	: F.W.	REMARKS:
	UNITS	: mm	SEEN	:	
	DATE	: 251114	CHANGED	:	
MOBILANE BV LEERSUM		NAME Principal setup of WallPlanter 3900/2200		NUMBER WP-3900/2200	A3