

Green Star – Office Interiors v1.1

 Indoor Environment Quality
IEQ-15 Indoor Plants

Points Available	Points Claimed	CIR Submitted
2	2	N

Credit Criteria

Up to two points are awarded, as follows:

1 point is awarded where it is demonstrated that indoor plants are incorporated in the tenancy fitout and comply with the following requirements:

- The plant species are selected on the basis of their suitability to indoor environments;
- A 'Horticultural Maintenance Plan' is in place (minimum two years) to ensure that the health of the plants is maintained; and
- There is a minimum density of one large plant (300mm pot) or two small plants (200mm pot) per two work settings, distributed over the NLA.

2 points are awarded where the above is demonstrated, but the plant density is increased to a minimum of one large plant or two small plants per work setting.

Documents Provided

✓	<p>Information from the plant supplier that confirms the quantity and species of all plants supplied.</p> <p>AND</p> <p>A statement from the plant supplier that the plants were selected for their suitability to indoor environments;</p> <p>AND</p> <p>Information from the sub-contractor that confirms that the plants supplied were installed within the tenancy fitout. IEQ-15: 1</p>
✓	<p>A copy of the Horticultural Maintenance Plan that includes:</p> <ul style="list-style-type: none"> - the location and density of plants - service intervals - soil moisture, pH and nutrient monitoring - watering and cleaning requirements - identification of plant disease or ill health - plant replacement regime (any plant of ill health must be replaced to ensure that the density of plants is maintained over the life of the Horticultural Maintenance plan) IEQ-15: 2
✓	<p>An extract from the maintenance contract that demonstrates at least a two year commitment to the Horticultural Maintenance Plan; IEQ-15: 3</p>
✓	<p>A summary document that includes the total number and sizes of plants installed and the fraction of the NLA covered by the plants. IEQ-15: 4</p>
✓	<p>A copy of the as-built tenancy plan indicating the location of the plants/planters. IEQ-15: 5</p>

Green Star – Office Interiors v1.1

Discussion

- Sizes of plants and compliance described on page 51, IEQ-15: 4. Location of all plants called out on as-built plan supplied on page 52, IEQ-15: 5.

Rentokil Initial Pty Ltd ABN 98 000 034 597
 554 Somerville Road
 Sunshine Vic 3020
 T: (03) 9312 1500
 F: (03) 9312 1600
 M: 0416 193 794
 E: rokeefe@rentokilinitial.com.au

14 March 2008

Joe Karten
 Green Building Council of Australia
 L15, 179 Elizabeth Street
 Sydney NSW 2000

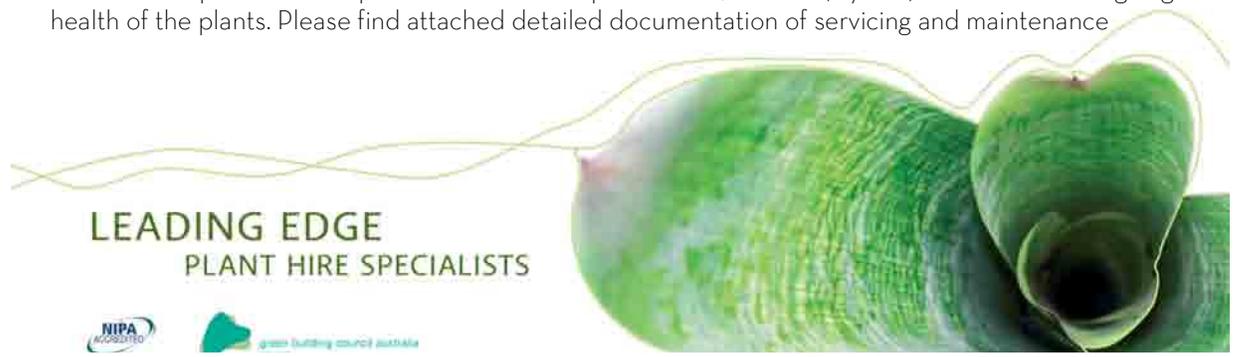
Dear Joe,

The following plant species have been supplied and installed to your office on Level 15 at 179 Elizabeth Street in Sydney as per BVN plan:

Plant Species	Number of plants provided	Plant size	Area of plants (m2)
Crassula ovata	16	200mm	3.2
Euphorbia	16	200mm	3.2
Sansevieria	16	200mm	3.2
Sansevieria	60	200mm	12
Cissus	17	200mm	3.4
TOTAL	125		25

The plants detailed above were selected for their suitability to indoor environments. The plants have been specifically grown for interior use and were considered ideal for this type of office environment.

Hire and maintenance service is undertaken on a regular basis (approximately every 11 working days) and will include hand watering, monitoring soil moisture and pH nutrient levels, fertilisation, dusting and cleaning of leaves, weed litter and dead foliage removal, replacement of unhealthy/ or unsightly indoor plants, replenishment of top dressing, insect and disease treatment and the pruning of foliage. This will ensure that each display is kept at the highest possible standard at all times. This horticultural maintenance plan will be in place for a minimum period of 24 months (2 years) to ensure the on-going health of the plants. Please find attached detailed documentation of servicing and maintenance





Rentokil

Tropical Plants

Rentokil Initial Pty Ltd ABN 98 000 034 597
554 Somerville Road
Sunshine Vic 3020
T: (03) 9312 1500
F: (03) 9312 1600
M: 0416 193 794
E: rokeefe@rentokilinitial.com.au

undertaking. Any plant of ill health identified during maintenance service will be replaced to ensure that the density of plants is maintained over the life of the service contract. Rentokil Tropical Plants will provide maintenance to the plants in your office over the next 2 years as per contract.

If you have any further questions, feel free to contact me at 0416 193 794.

Kind regards,



Rachael O'Keefe
National Design Manager
Rentokil Tropical Plants



LEADING EDGE
PLANT HIRE SPECIALISTS



*At the request of Ambius Indoor Plants, the Service Manual provided as part of the submission has been removed due to the intellectual property it contains.

The following documents were provided in order to comply with IEQ-15 Additional Guidance:

- Cleaning of Plants
- Pest Control
- Watering
- Fertilising
- Pruning and Trimming



Service Agreement

Agreement No: 09488

Client Details (the "Client")

Name/Company Name	The Green Building Council
ABN	
Trading As	"Greenhouse Site"
No & Street	Level 15 179 Elizabeth St
Suburb & Post Code	Sydney 2000
Business Phone	02 8252 8222 Fax 02 8252 8223
Business E-mail	joe.karten@gbc.org.au

Branch Office Address	Rentokil Tropical Plants 557 Somerville Road 2 Brennan St Alexandria 9312 1500 9312 1500
Phone:	02 9395 0571 Fax: 02 9310 3607

It is hereby agreed that:

- The company will install where applicable and maintain the Displays as itemised in the Display Schedule below in accordance with the terms and conditions of this agreement.

Display Type	No of Displays	Rate/Week	TOTAL PER WEEK
Rental and Maintenance:			
- Rental Plus/Executive	plants supplied as per installation letter		
- Classic Range			
- Traditional Range			
Maintenance Only			
Australian			
Silk Options			
Christmas Plus			
		Total Weekly Rental	
		GST	
		Net Weekly Rental	

2. The client agrees to accept the Company's Displays and Service for an initial minimum term of twenty-four (24) months commencing from the Agreement date. At the expiry of the initial minimum term, the rights and obligations of the parties under this Agreement will automatically extend thereafter until this Agreement is determined by either party giving at least three (3) calendar month's written notice of its intention to terminate this Agreement provided that such notice shall not take effect until after the last day of the initial minimum term of 2 years.

- Rental is payable in advance each calendar month at \$ [redacted] per month.
- The installation fee is a once off fee of \$ [redacted] (Ex GST) and will be invoiced with the first monthly invoice.
- In addition to all rental charges and fees quoted above the client agrees to pay the gross goods and services tax applicable to this Agreement in accordance with clause 18 overleaf.
- This Agreement is also subject to the term and conditions overleaf.

 Signed on Behalf of mentioned Client	
By executing this Agreement, the signatory warrants that the signatory is duly authorised to execute this Agreement on behalf of the Client.	
Name in Block Capitals	ROMILLY MADEW
Position	Chief Executive
Agreement Date:	15-1-08

Rentokil Initial Pty Ltd ABN 98 000 034 597	
 Signed on behalf of the Company	
Name in Block Capitals	Rachael O'Keefe
Position	National Design Manager
Date:	15-1-08

IEQ-15 Indoor Plants

A summary document that includes the total number of plants and sizes of plants installed as a fraction of the NLA covered by the plants.

	Number of plants provided	Plant size	Area of plants (m2)
	16	200mm	3.2
	13	200mm	3.2
	6	200mm	3.2
	60	200mm	12
	17	200mm	3.4
TOTAL	125		25

Total area of plants:	25m2
Total NLA:	804m2
% of plants to NLA:	= 25/804 x 100
	= 3.11% of NLA contains plants

Planter box plants

Green wall plants

As per the CIR ruling on the website that states:

CIR Ruling: The Credit Interpretation Request (CIR) to deem one plant (for one point) or two plants (for two points) per 30m2 NLA as equivalent of the current Criteria is **granted** provided that the plants are distributed across the NLA as per the Technical Manual:

- 1 point = one large or two small plant per 30m2 NLA; and
- 2 points = one large or two small plants per 15m2 NLA.

For Green Star – Office Interiors v1 and Green Star – Office Interiors v1.1, both approaches (the one in the Technical Manual and the one outlined above) are acceptable.

Total NLA:	804m2
Total number of small plants:	125 small plants
Number of plants required (according to min. 2 small plants area of NLA):	= 804m2/30m2 = 26.8 large plants required for 2 points OR = 53.6 small plants required for 2 points
Therefore, the GBCA fitout can claim the 2 points as there are 125 small plants, which exceeds the min. 53.6 plants required for 2 points.	

IEQ-15: 5

CASTLEREAGH STREET



BlighVollerNieldArchitecture

Telephone +61 3 0630 0100
Facsimile +61 3 0630 0100
www.bvn.com.au

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ISSUE	DATE	FOR
01	03.10.07	INFORMATION
02	02.10.07	INFORMATION
03	11.10.07	INFORMATION
04	17.10.07	APPROVAL
05	22.10.07	APPROVAL
06	22.10.07	CURTAIN RAILS DELETED

CONSULTANT
DAVIS LANGDON
tel 02 9956 8822 fax 02 9956 8848
CONSULTANT
LINCOLNE SCOTT
tel 02 8907 0900 fax 02 9957 4127
CLIENT

GBCA
15, 179 ELIZABETH STREET
SYDNEY NSW 2000
CLIENT PROJECT No.

PROJECT

GREEN BUILDING COUNCIL
OF AUSTRALIA
BVN PROJECT NUMBER

M0709010
TRUE NORTH PROJECT NORTH

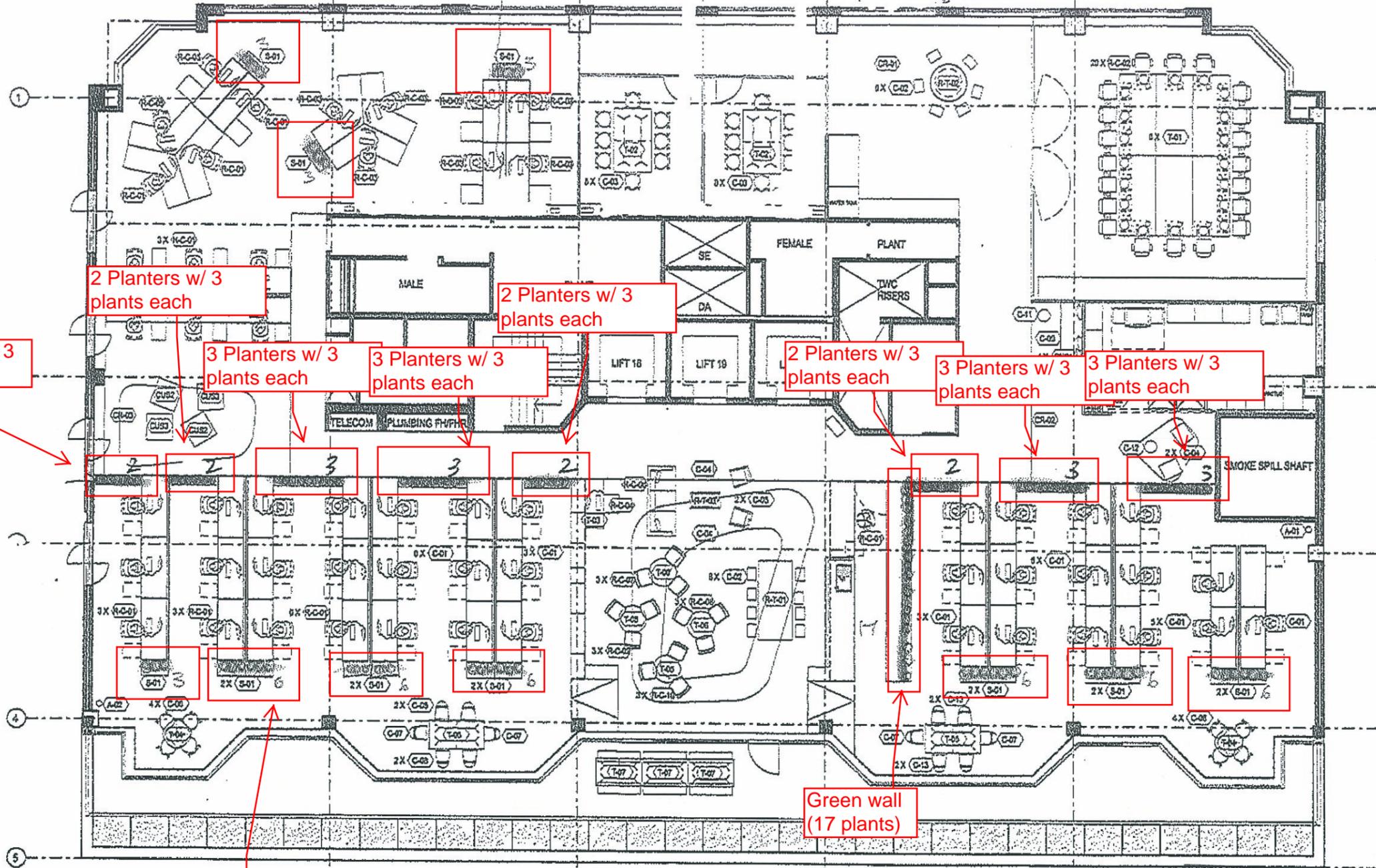


1:100 at A2 DO NOT SCALE

STATUS
CONCEPT DEVELOPMENT
DRAWING

GENERAL ARRANGEMENT
FLOOR PLAN

DRAWING NUMBER	ISSUE
A-D-01	06



2 Planters w/ 3 plants each

2 Planters w/ 3 plants each

2 Planters w/ 3 plants each

3 Planters w/ 3 plants each

3 Planters w/ 3 plants each

2 Planters w/ 3 plants each

3 Planters w/ 3 plants each

3 Planters w/ 3 plants each

Loose plants (48 in total)

Green wall (17 plants)

ELIZABETH STREET

BVN MELBOURNE
AS BUILT
17 JUN 2008
ATTENTION:
PROJECT: GBCA
FILE:

- Floor Standing troughs - as marked
- Desktop planters 3 per cabinet - as marked
- plants only (client owned liners) to climb up stainless steel wire

01 FLOOR PLAN
1:100