



"Biodrains™ System" Green the Man-made Slopes by Deep Rooting Vetiver Grass



Mist Nursery In Hong Kong



Field Nursery In Hong Kong



Roots 1 Year - Malaysia
By courtesy of
Dr. PK Yoon



4-5 Months
3 Months
1.5 Months
1 Month
CED Contract No. GE/2000/04
Landslip Preventive Works for Slopes and Retaining
Walls in Tsuen Wan and Kwai Tsing Districts
Feature No. 75W-C/C47 at Kwai Shing Circuit



Roots 6 Months
Hong Kong



4 Days



1 Month



3 Months

綠牆工程有限公司

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ACKNOWLEDGMENTS

The following pictorial records illustrate the works carried out by Dr P. K. Yoon of Malaysia in Hong Kong in 2001

Dr. Yoon extensive R&D on Vetiver grass laid the foundation for its Bioengineering applications around the world today

In addition to the above, for his basic researches on Vetiver morphology, physiology and propagation, Dr Yoon was awarded the first King of Thailand and World Bank Vetiver Awards.

http://www.vetiver.org/MAL_PK.Yoon%20Look%20see/START.HTM

His contribution is fundamental to the success of the Vetiver System today.

Paul Truong. December 2012

CED Contract No. GE/2000/04
Slope Feature No. 7SW-C/C47
At
Kwai Shing Circuit

Biodrains™ Installation Dates

Area	Date of Installation
D	July 12 and 13, 2001
C2	August 4 and 5, 2001
C1 Part 1	October 10 and 11, 2001
C1 Part 2	October 30 and 31, 2001

As-Built Record

A: For Soft-Engineering Works

GW#3 in Area C1 = 717 m²
GW#2 in Area C2 = 306 m²
GW#3 in Area D = 159 m²

Total Installation Area = 1,182m²

B: Hard Engineering Works

GW#3 in Area C1 (Planter Holes) = 1,117 Nos.
GW#2 in Area C2 (Planter Boxes) = 110 Nos.
GW#3 in Area D (Planter Holes) = 289 Nos.

Total Number of Planter Holes = 1,406 Nos.

Total Number of Planter Boxes = 110 Nos.

CED Contract No. GE/2000/04
Landslip Preventive Works for Slopes and Retaining Walls
In Tsuen Wan and Kwai Tsing Districts
Feature No. 7SW-C/C47 at Kwai Shing Circuit

11.5 MONTHS →

11 MONTHS →

8.5 MONTHS →

← 8 MONTHS



25 JUN 2002



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**Highways Department Term Contract No. 16/HY/1998
Slope Feature No. 7SW-D/C47
At
West Lion Rock Tunnel Office**

Biodrains™ Installation Dates

From February 20, 2002 to February 22, 2002

As-Built Record

A: For Soft-Engineering Works

Total Installation Area = 1,094.25m²

B: Hard Engineering Works

Number of Planter Holes = 1,153 Nos.





14 5 25





02 8 28

Highways Department Contract No. 16/HY/1998
West Lion Rock Tunnel Office
Feature No. 7SW-D/C 47



Highways Department Contract No. 16/HY/1998
West Lion Rock Tunnel Office
Feature No. 7SW-D/C 47



1 MONTH



3 MONTHS



5 MONTHS



**Highways Department Term Contract No. 16/HY/1998
Slope Feature No. 7SW-D/C 1
At
Sun Tin Wai Estate**

Biodrains™ Installation Dates

From May 8, 2002 to May 12, 2002

As-Built Record

A: For Soft-Engineering Works

Total Installation Area = 3336.70m²

B: Hard Engineering Works

Number of Planter Holes = 3,699 Nos.

Highways Department Contract No. 16/HY/1998
Sin Tin Wai Estate
Feature No. 7SW-D/C1





Highways Department Contract No. 16/HY/1998
Sun Tin Wai Estate
Feature No. 7SW-D/C 1



Highways Department Contract No. 16/HY/1998
Sun Tin Wai Estate
Feature No. 7SW-D/C 1

