



COMPANY PROFILE





Diani Flowers & Landscaping Ltd

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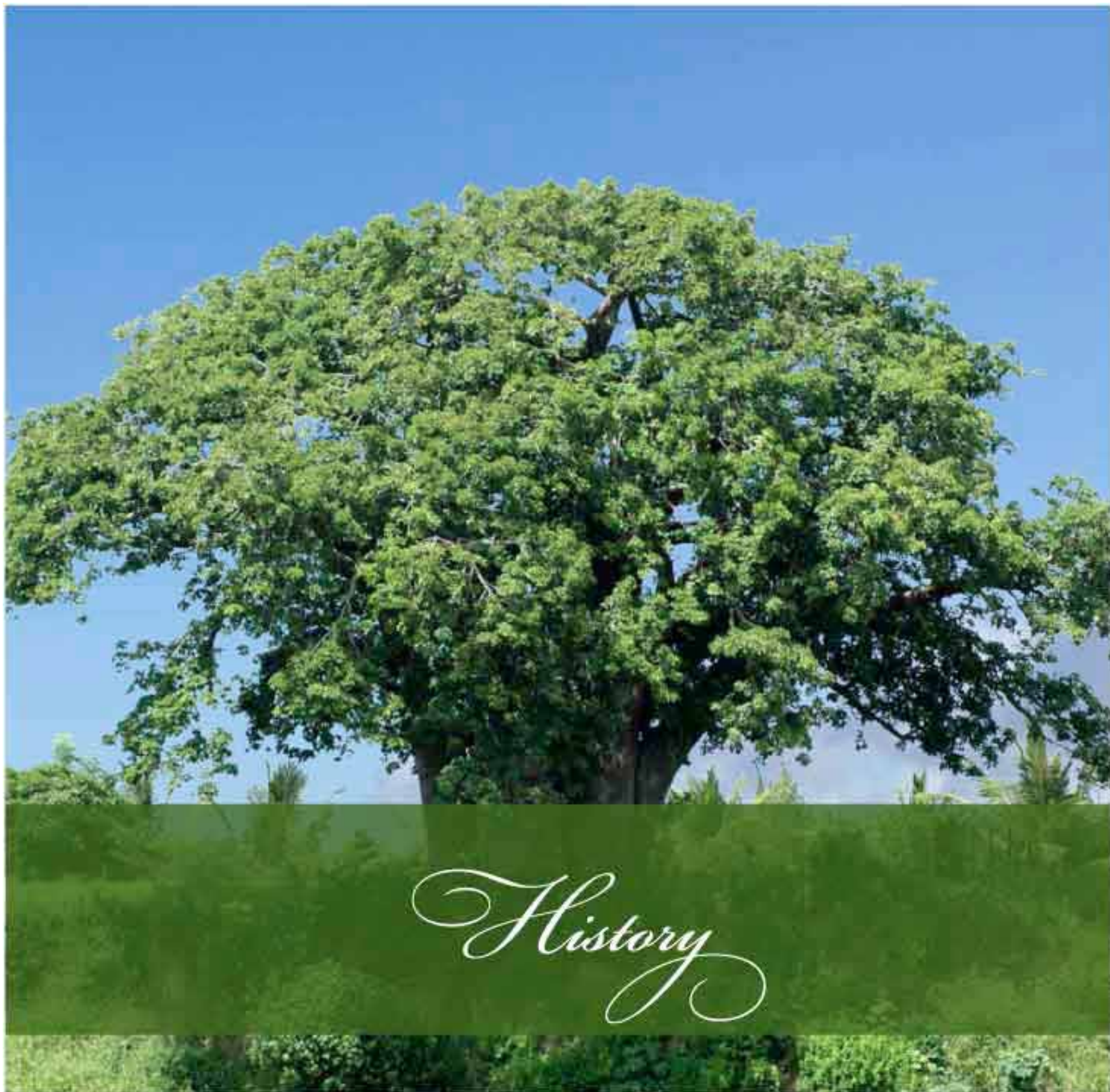
Cell: 0733771235



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*D*iani Flowers and Landscaping Limited is a company based in Kenya having a wealth of experience in gardening, landscaping and irrigation systems the Company was established in 1987.

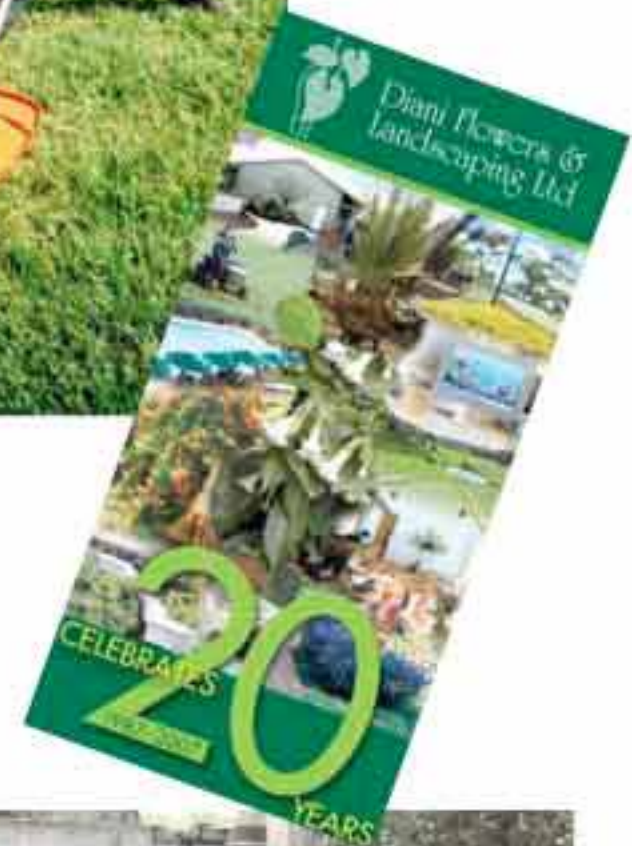
Since 1987 the company has expanded their activities and have several agencies for landscaping related equipment.

The Company has a work force of over 100 with several horticulturists, team leaders, supervisors, gardeners, florists, administrative staff, iron mongers, mechanics, drivers, pool attendants, store keepers, greenhouse specialists and nursery development staff.

This broad spectrum of specialised and highly qualified staff ensures that all aspects of landscaping and gardening are well covered.

The objectives of the Company are to have an innovative approach to landscaping with emphasis on environmentally-friendly practices in all aspects of work.

Apart from landscaping activities, the Company focuses on training staff to provide opportunities to acquire new skills. The Company also donates food and clothing to many charities in Kenya.





*L*ocated at 3 Limuru Road, Nairobi, Kenya



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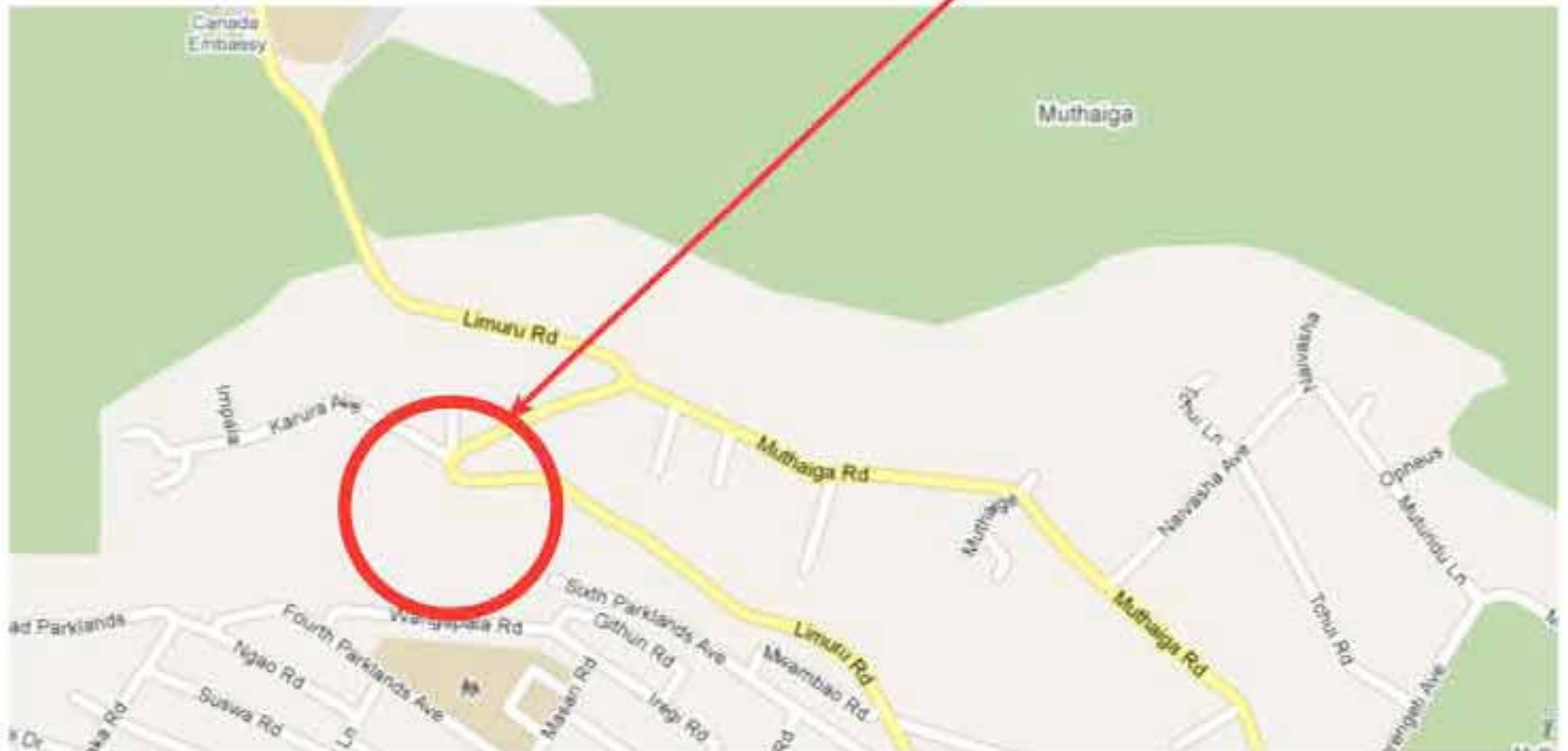
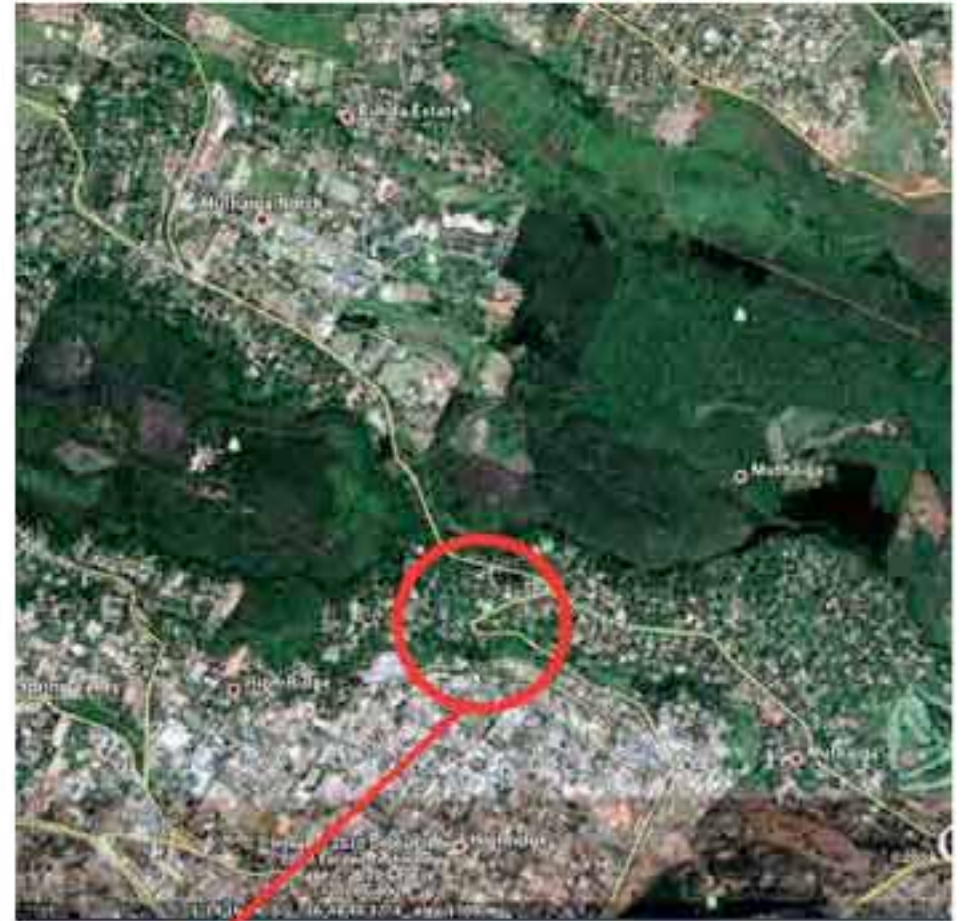
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Environmentally-friendly Practices

Geo-concrete building



Clay, sand and leaves being mixed being placed in a mould



Brick curing in the sun



Bricks used to make the wall



Metal window frames being fixed in place

MATERIALS RECYCLED

	QUANTITY	%
Roofing timber		
2x1 wood	550ft	0.69%
2x4 wood	380ft	0.96%
Roofing tiles	440pcs	5.55%
Upper roof pallets	8pallets	0.12%
Windows and door iron sheet	8pcs	0.23%
Clay bricks	1200pcs	69.64%
Building stones	56ft	3.07%
Fisher boards	180ft	0.72%
Concrete slabs	40pcs	3.39%
Galana stones	10pcs	0.85%
Door and windows	48ft	0.15%
		<u>85.37%</u>

The following originated from UNON Stores

Nails for Roofing	4kg	0.01%
Cement	750kg	1.89%
Paints	5litres	0.01%
		<u>1.92%</u>

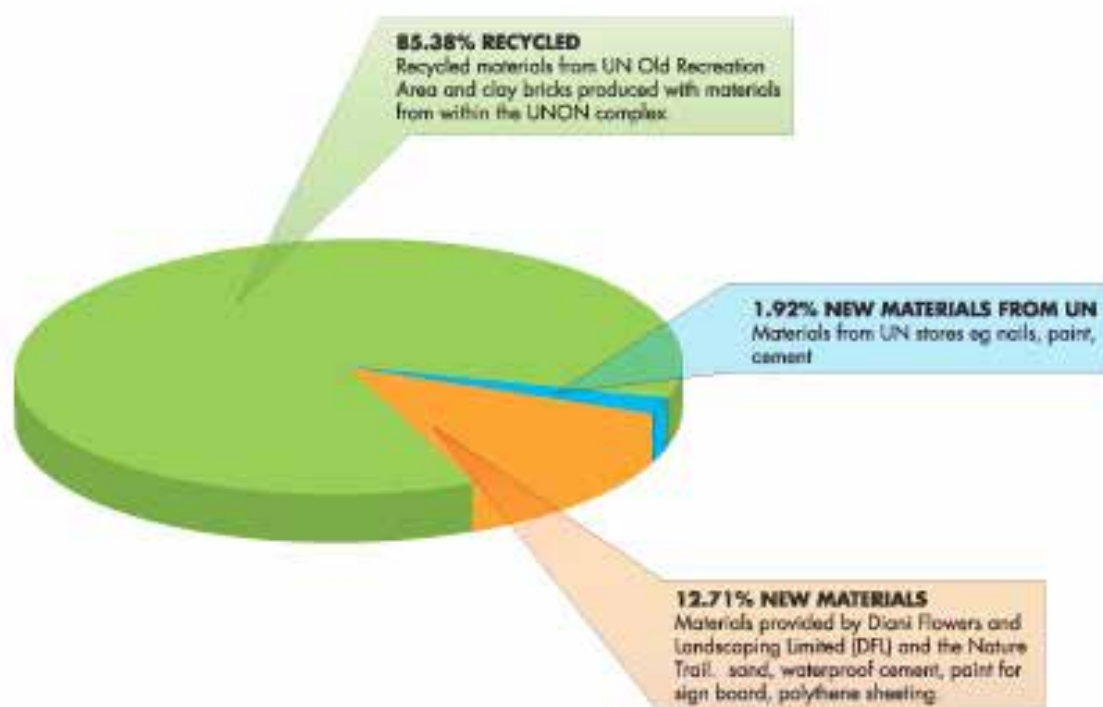
The following provided by DFL and Nature Trail:

Building sand	5000kg	12.62%
Water proof cement	10kg	0.03%
Nails 6"	4kg	0.01%
Dark oak varnish	12litres	0.03%
Clear polythene paper for roof	357ft	0.02%
Light green paint for sign board	2litres	0.01%
Blue paint for sign board	1litre	0.00%
Green paint	1litre	0.00%
		<u>12.71%</u>

100.00%



Nature Trail shop completed in 2008



Inside of the Nature Trail shop

Termite control



Termites that appear after the rain



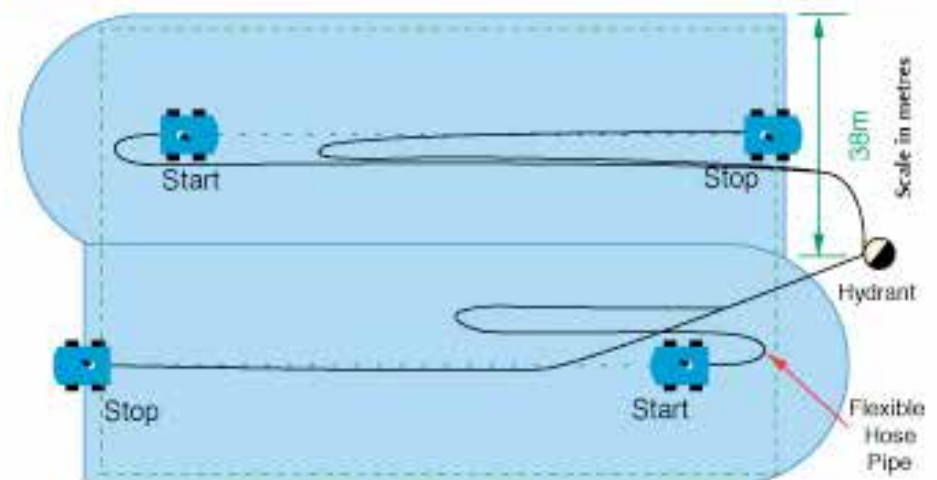
Manual removal of termite queens. No chemicals are used.

Recycling of water

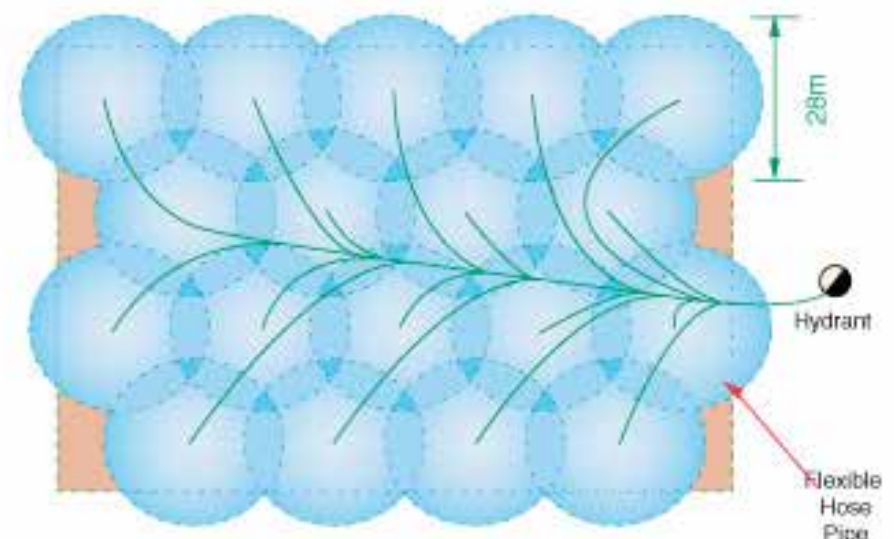
Grey water is a reliable source of water for irrigation. There are various irrigation options available for installation. The sample below shows how a reasonable easy to use RollcarT can save water. The RollcarT runs using the pressure of the water and stops automatically once the area is watered.



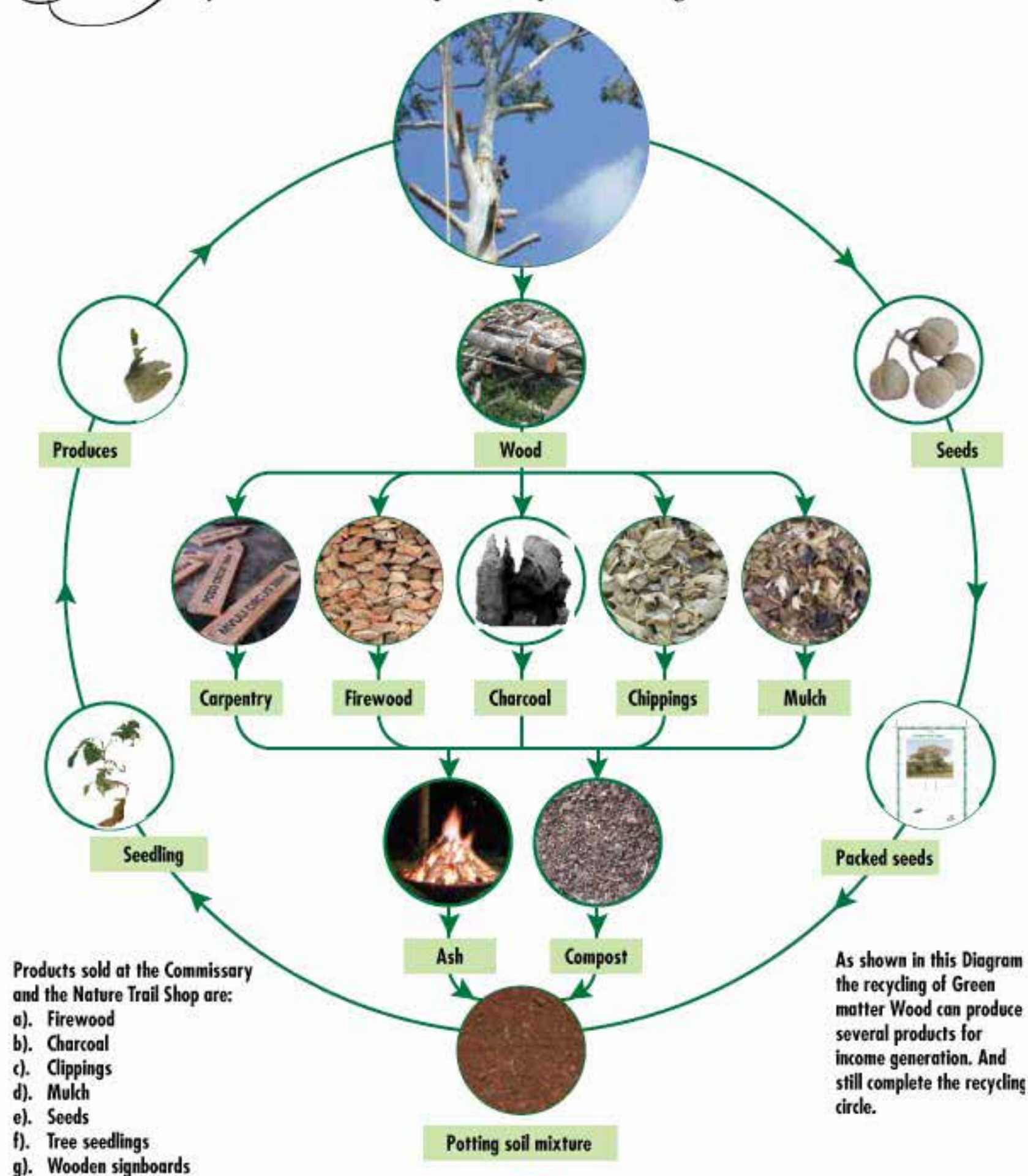
ROLLCART MOVEMENT AND WATER DISTRIBUTION



Traditional SPRINKLER WATER DISTRIBUTION

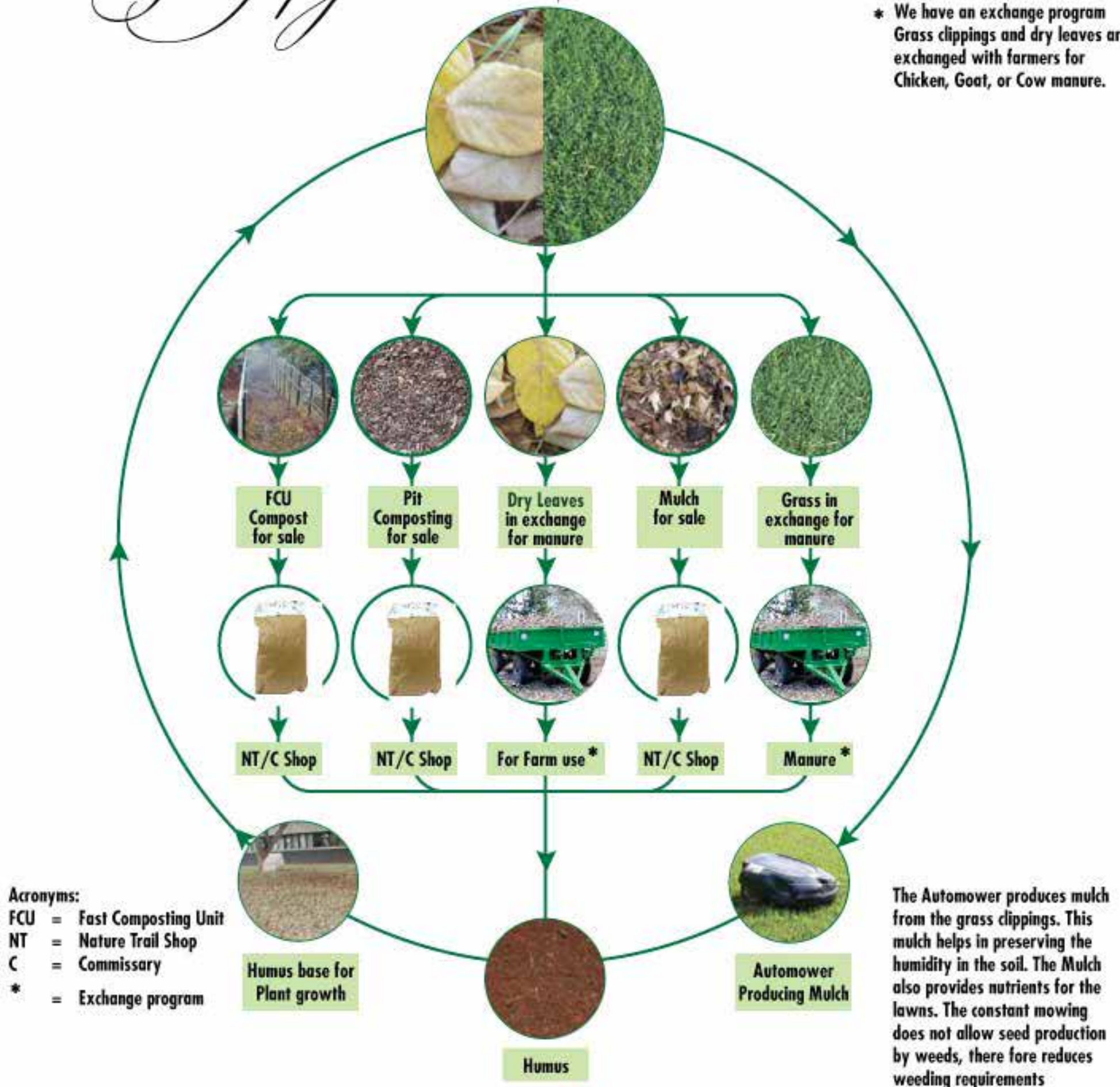


Recycling of material from pruning



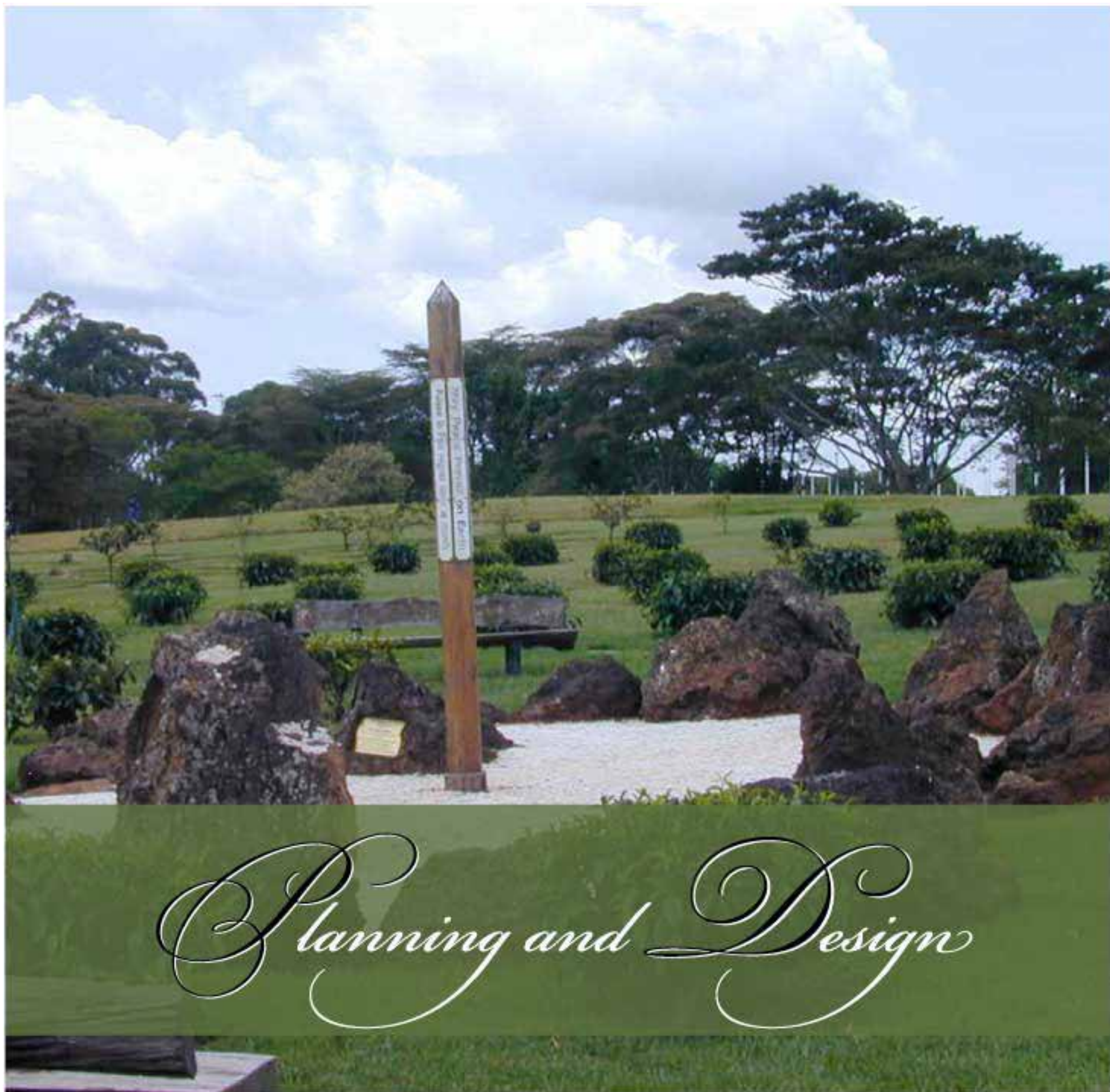
Recycling of green matter

* We have an exchange program
Grass clippings and dry leaves are
exchanged with farmers for
Chicken, Goat, or Cow manure.

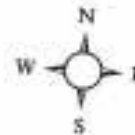


Acronyms:

FCU = Fast Composting Unit
NT = Nature Trail Shop
C = Commissary
* = Exchange program



Layout of irrigation system



INDEX	
IRRIGATION FOR NEW PLATFORMS:	
•	Conting range of pop-up sprinkler
•	Location of DSA pop-up sprinkler
•	Location of Rainjet pop-up
—	2" PVC Pipe main line
—	1" PVC Pipe distribution line
+	2" High gate valve
Drawing Ref: Konec Development, Longate South Road	
Date: 4 May 2010	Scale: 1:
Drawn by: Uta Regler	Drawing No: KDL p1/DL
Email: info@dianiflowers.co.uk Tel: 0207 721 2441 / 721 1110 Tel: 0207 721 2441 / 721 1110 PO Box 12777, Nairobi Kenya www.dianiflowers.co.uk UK: 07517771222	

Scale in metres



A sample drawing of part of an irrigation system



Plan for a memorial garden

Layout for coffee and tea plantation in memory of bomb blast victims

INDEX

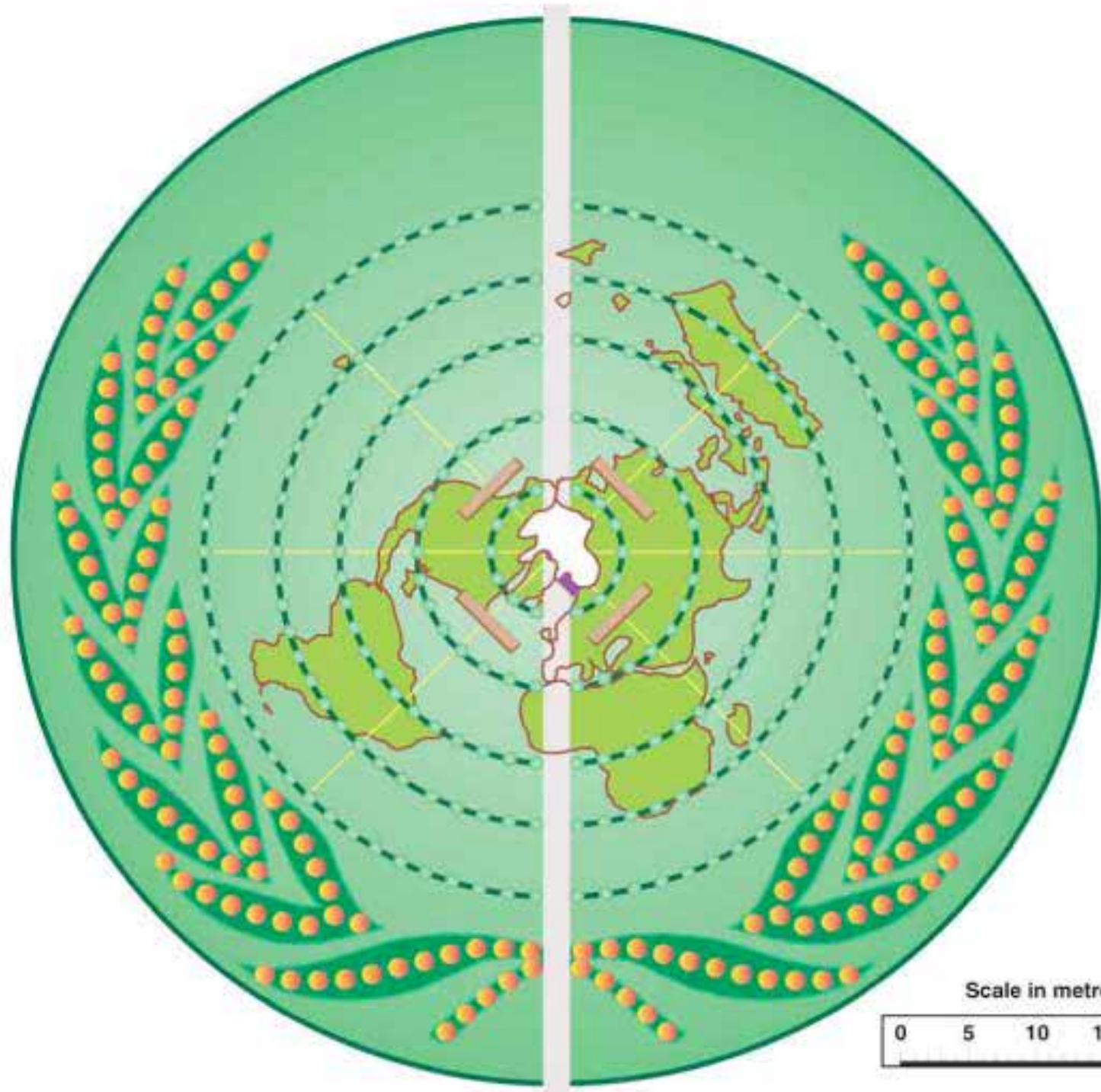
-  *Coffea arabica*
-  *Camellia sinensis*
-  Walkways
-  Benches
-  Memorial plaque



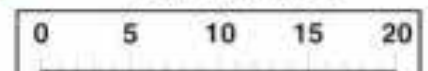
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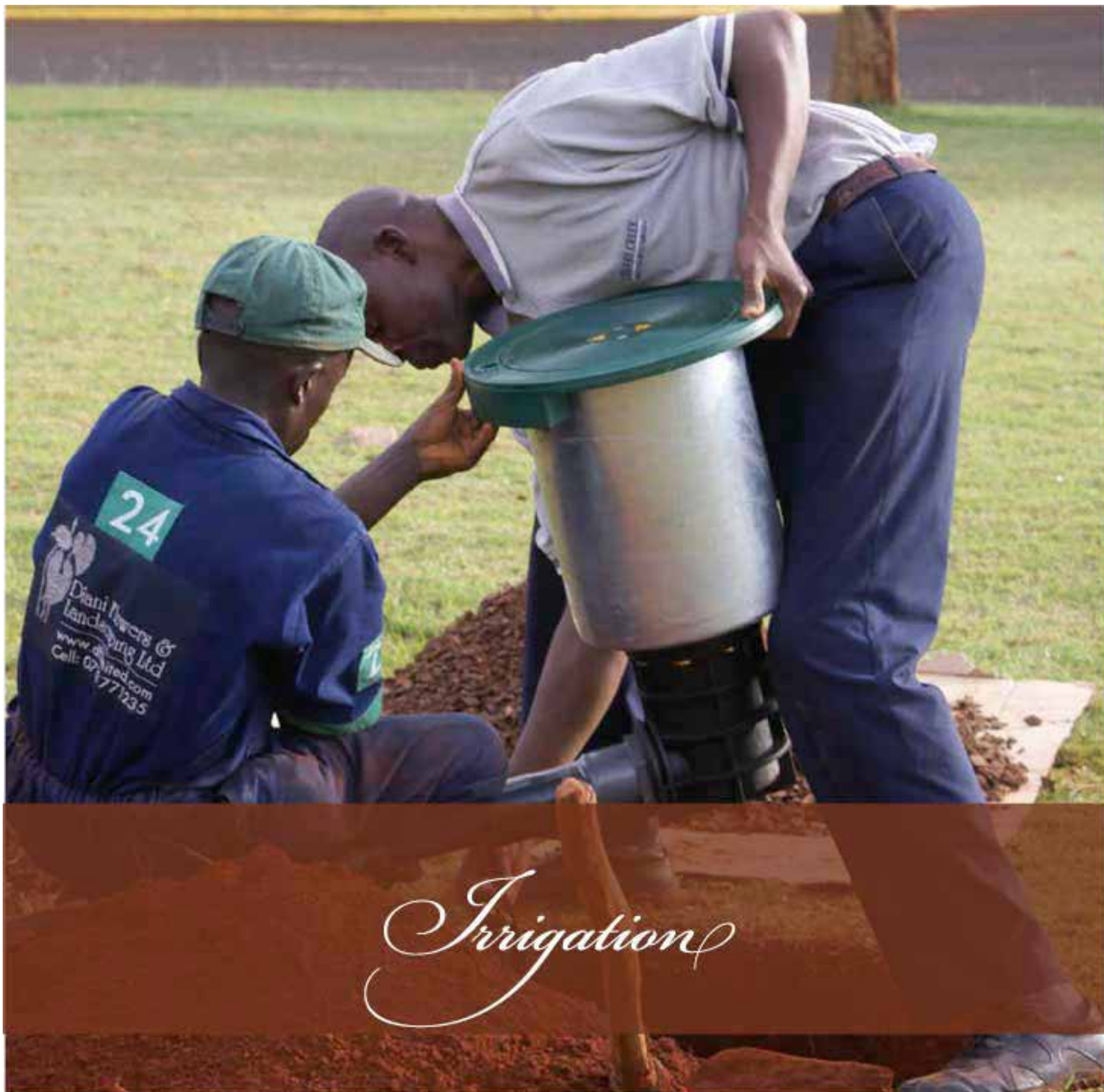
DRAWN BY: URS RINGLER
DATE: 23RD AUGUST 1998



Scale in metres



x





VP2 Perrot pop-up sprinkler to be used to irrigate football fields



RollcarT travelling machine made in Germany used for irrigation



VP 2 installed in the ground



Long lasting high quality hose pipe up to 10 bar pressure resistance



Grass planting



Grass uprooting tooling used for transplanting of grass



Systematic planting of grass on a football field

Ponds



Pond made with clay waterproofing



The same pond (above) after completion

Water features & fountains

Interior shop designs



Fountain at a restaurant



Creation of natural habitat for terrapins



Outdoor fountain made out of Kenrock rocks



Plant and water feature at a shop in a mall



Rustic environment created indoors for shop in a mall selling outdoor equipment

Garden maintenance



Garden maintenance carried out at one of Kenya's leading environmental institutions



Private garden with pond using recycled water from the home



Landscaping around a villa in Nairobi



Lawn maintenance

Pruning



Pruning of tea bushes in specific shape at a memorial garden



Member of the pruning using specialised equipment and protective gear for safety in an urban environment

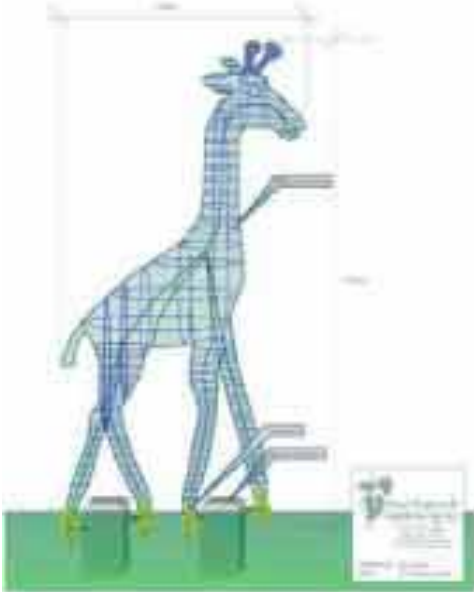
Pergolas



Steel pergola with tumbergia climber, growing through the pipe and eventually to the fan at the top located outside a bank

Topiary

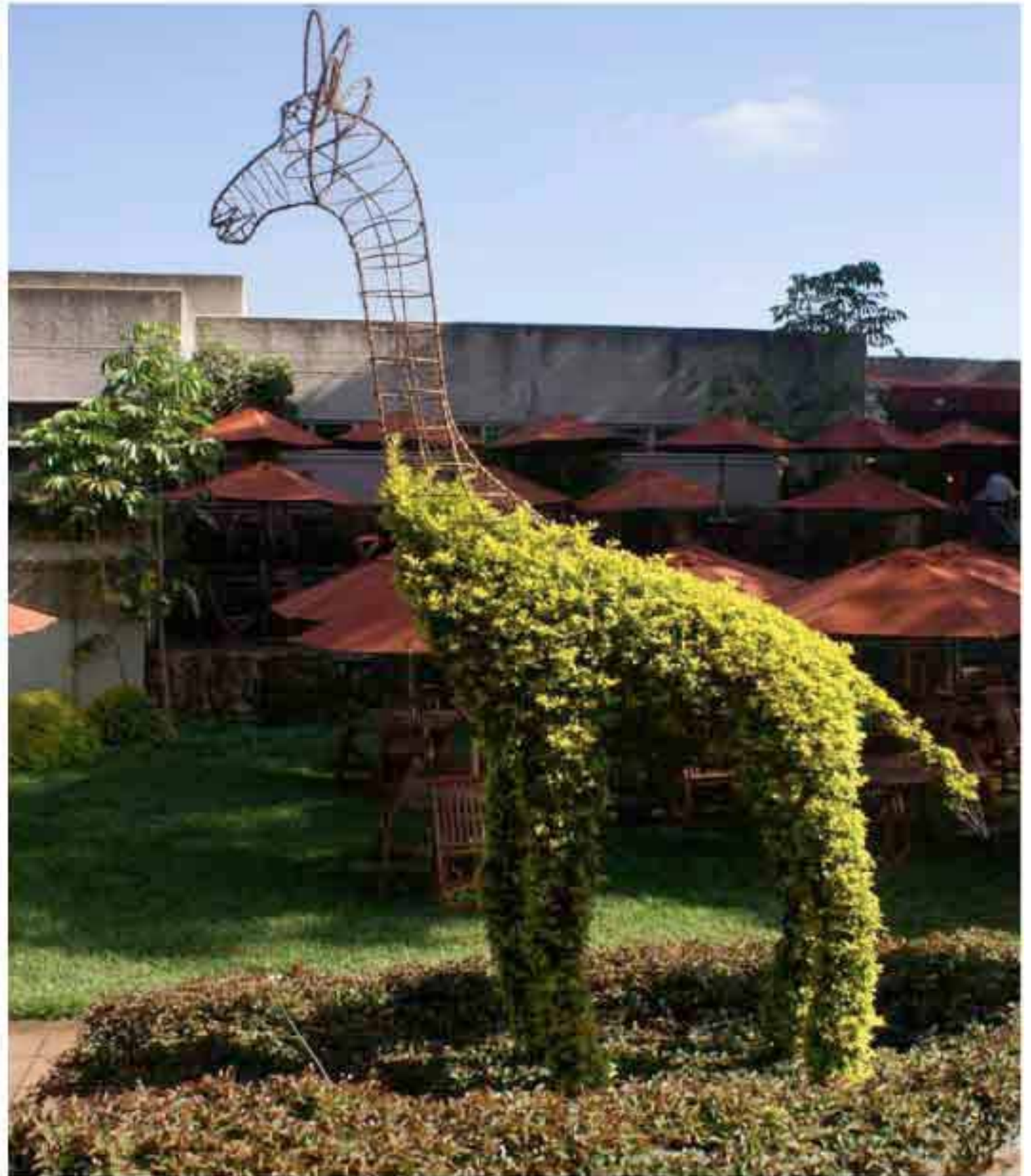
TOPIARI GIRAFFE FRAME



Drawing of topiary giraffe provided to the workshop team for construction



Workshop team constructing a topiary giraffe frame



Grills & barbecue areas



Terrace, steeling railings, pizza, tandoor and barbecue constructed outside main house



Gazebo made out of makuti with galana stone flooring



Outdoor kitchen constructed at an international organization using local building materials i.e. makuti roofing and clay bricks



A outdoor kitchen

Pizza & tandoor ovens and Kenrock bar



Kenrock bar at a private residence in Muthaiga



Grill, tandoor pizza oven with working area and wood storage

Walkways



Stairs in terraced gardens



Temporary walkway leading to tents before international meeting



Stairs and walkway leading into a lower garden at a private residence in Muthaiga

Pots & plants



Various plastic pots



Palm in office corridor



Ficus in doctor's reception

Greenhouses



Constructing of a greenhouse



Greenhouse constructed for plant propagation

Pool maintenance



Washing of swimming pool tiles by pool maintenance supervisor



A pool maintained by the company

Sports field construction & maintenance



Football field construction in progress



Goal area at the national stadium in Amahoro, Rwanda



Re-levelling at a football field



The beginning of a football match at Amahoro Stadium



Section of the irrigation system running at Amahoro Stadium



Flower arrangements

Fresh flower arrangements



Various flower arrangements



Flower arrangements for a Holy Communion ceremony at a church in Lavington



Flower arrangement in Kenrock planter



Themed arrangement for a company celebration



Flowers in a calabash



Palm arrangement above head level



Easily carried arrangement with lanterns for a dinner party buffet table



Frucrea stand at a meeting at an international organization in Nairobi



Themed arrangement of flowers in a globe



Valentine flower arrangement with perfumes



White roses on glass stand

Dry flower arrangements



Tropical dry flower arrangement



Beach arrangement in a bottle on a stand



Table arrangement



*Decorations for Parties
& Special Occasions*

Log candles



Log candle placed along the entrance to a residence in Kileleshwa where a wedding anniversary took place

Fire dishes



Fire dish at a national day celebration at a restaurant in Runda

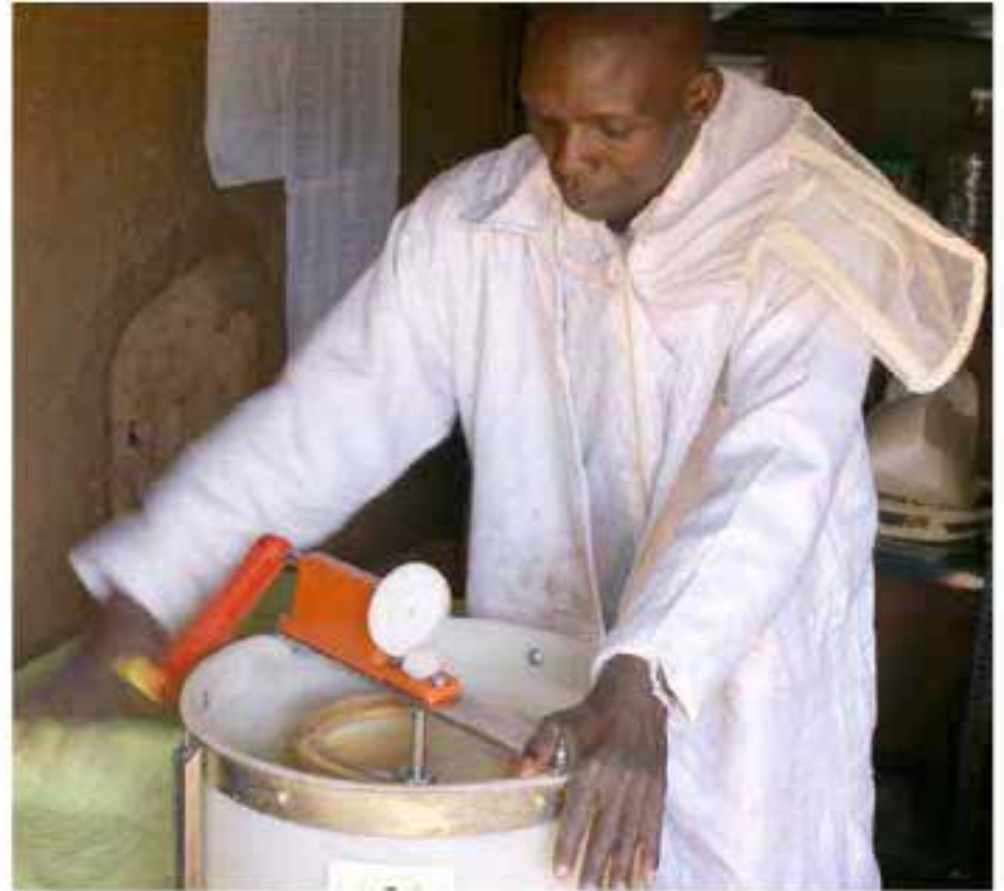


Beekeeping

Honey production



Removal of bee hive in a satellite dish



Processing of honey



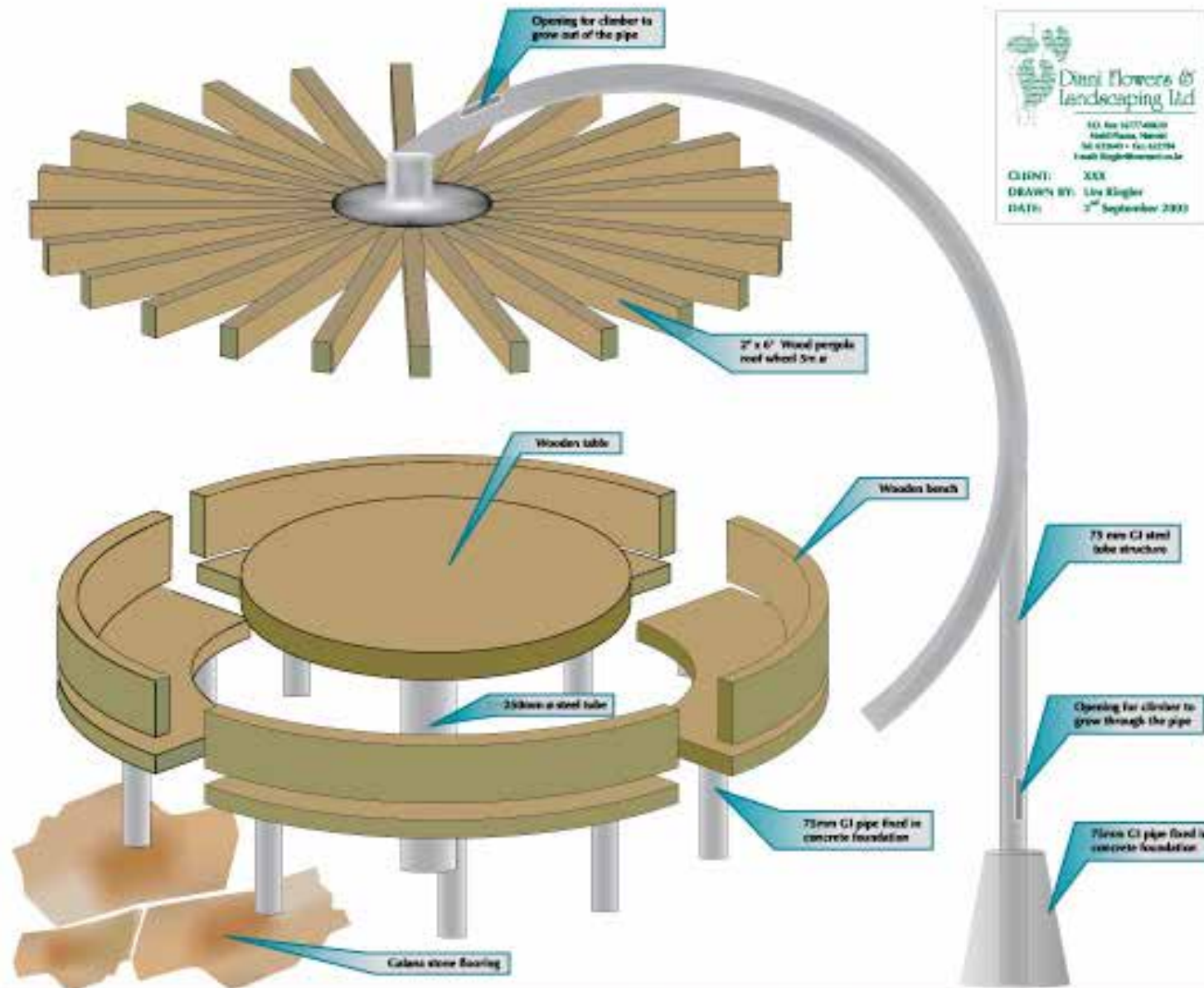
Harvesting of honey



Centrifugal removal of honey







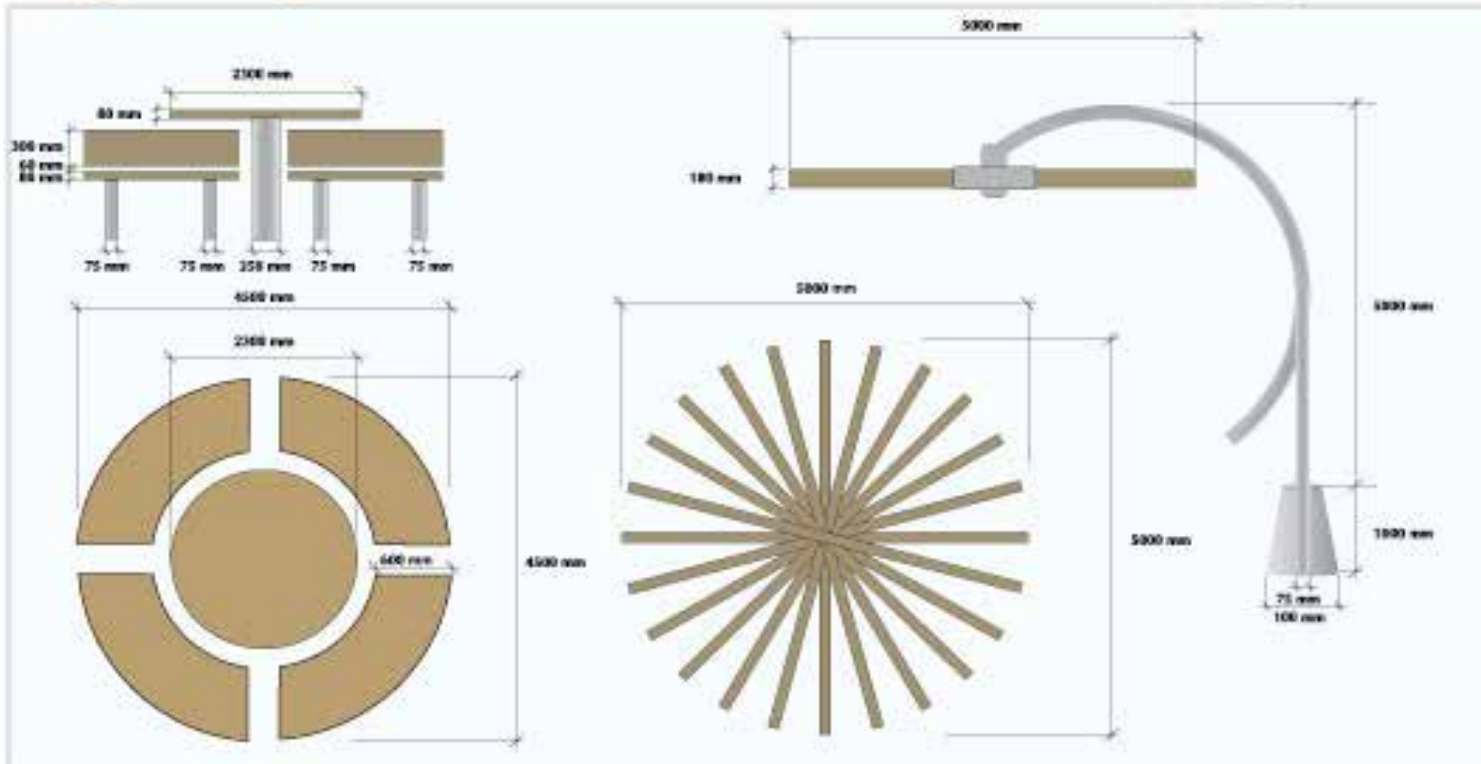
Steel bench



Pipe for plant to grow through



Wheel to hold growing plant





Erecting of the pergola



Newly erected pergola



Plant grown through the steel pipe



Pergola in blending in with the environment





Makuti roof construction at an outdoor barbecue place



Construction of a roof on a kitchen



The roof completed



Wood Products



Sign board for a tree planting ceremony



Huge sign board for a shop



Sign board engraved, painted and fixed on a metal frame



Park bench made out of a log and fixed on a steel frame



Educating the Youth

HARVESTING

1. The material covering the charcoal are cleared from the top to get the charcoal available for harvesting.
2. Soil or water is used to put off the fire.
3. Making sure that there is no trace of fire, and no possibility of the charcoal to start fire, the charcoal is collected into the buckets ready for transport.
4. Charcoal is dried in the sun before packaging.
5. Finally the charcoal is labeled ready to be delivered at the Nature Trail for sell.



Finished product for consumer use.

Tools Required

1. Fork
2. Spade
3. Panga
4. Jembe
5. Drums/buckets
6. Drying area
7. Packing bags
8. Product labels

Flyer on charcoal harvesting



Tree planting by students of a school in Nairobi

CHARCOAL PRODUCTION PROCESS

Charcoal is a bio-organic product obtained from converting wood using energy through carbonisation process and is used as cooking fuel.

PROCEDURE OF PRODUCTION

Step 1. Excavate a pit for 6 feet wide by 5-100 feet long by 1-4 feet deep in the ground. The pit is oriented parallel to prevailing winds. A canal is dug sloping away from the pit to avoid water draining inside the pit.



Step 2. Logs are prepared by cutting them into long pieces. We use only pruning material for the production of charcoal. We do not fell trees for the purpose.



Step 3. The logs to be carbonised are piled tightly to minimise void spaces. Short cut off's can be used to fill in void spaces. Steel pipes are inserted in different positions for carbon monoxide to smoke out. Dry pieces of sticks from the previous burn are stacked to help start burning process.



Step 4. The entire pile is covered with green grasses and leaves so that the wood cannot be seen. 3 inches of mud is used to cover the top of the entire pile. At the bottom centre of the wind ward end where the pile will be lit, a small opening is left of 1 foot square.



Step 5. To light the Kiln, the fire is lit at the point where the wind is coming from the fire under the soil will be spreading to the entire area of the Kiln. In few Minutes time the smoking starts coming out of the opposite ends. Small holes are left to aid burning and can be covered after a short while. As long as the Kiln is emitting white smoke, carbonisation is in progress. Blue smoke indicate a lot of air getting in at that point and should be stopped by proper covering and or regulation of vents.



Step 6. After a waiting period of 1 - 4 weeks as carbonisation progresses, the pile collapses slowly to about 1/2 of its original height. The charcoal product will be ready after carbonisation is complete and the harvesting of charcoal can follow.



Leaflet on the production of charcoal



Children pose for a photo near newly reacted sign board





Tree planting for the UNEP Billion Tree Planting campaign



Transplanting of traveller palm



Tree planting with the German school



Engraved sign board



Support to Local Communities





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