



Girl Scout Gold Award

Greenhouse Restoration Proposal

Project led by: Nicole Matamala

Troop 975

March/2011



LAMAR LOUISE CURRY MIDDLE SCHOOL- GREENHOUSE

The original project plan was to receive donations between different sponsors in order to restore the greenhouse at Lamar Louise Curry Middle School. Volunteers from the Curry's International Baccalaureate program and student council are working in tandem with TERRA Environmental Research Academy and Troop/Crew 816. in order to complete this project.

RESTORATION TASKS

- The greenhouse needs to be restored through several important tasks
 - Resurfacing the floor area through the recycling of peat rock gravel and the addition of new peat rock gravel
 - Replacing the doors with new aluminum 36 x 80 inches greenhouse doors which include mesh and glass window panes
 - Replacing all of the mesh surrounding the greenhouse in order to lose all runs and tears in the current mesh
 - Replacing the sprinkler system, so that plants reach the proper amount of water directly to the roots instead of the leaves
 - Spraying primer on all rusted areas
 - Replacing the exhaust fan and adding a hose to the greenhouse

MATERIALS REQUIRED FOR THE TASKS ARE:

- ◉ 80 inches by 36 inches aluminum Greenhouse doors
- ◉ ORTHO 11-1/2 Lbs. Ortho Fire Ant Killer Broadcast Granules (Received 50 pounds of Ant Killer)
- ◉ Weedfree Premium Fabric 100 linear feet
- ◉ Encore Plastics 5-Gallon Gray Pro Logo Pail
- ◉ Red Max 96 Oz. Red Max Regular Bleach
- ◉ Evergreen 0.5 Cu. Ft. Drainage Rock
- ◉ Quickie Small Angle Broom
- ◉ Mesh
- ◉ CHANNELLOCK, INC. 6-1/2" Tongue-and-Groove Pliers
- ◉ SWAN 5/8"Dia. x 100'L Heavy-Duty Soft and Supple Hose
- ◉ Gilmour 4" metal twist nozzle with rubber overmold grip
- ◉ Suncast 225' Hose Reel Cart with Hose Guide & Metal In and Tube
- ◉ Mister Landscaper 8" 10-GPH Mister Riser with Adjustable Valve
- ◉ Mister Landscaper Violet Flow Controller
- ◉ Mister Landscaper 180° Half Circle Water Mister Jet
- ◉ Mister Landscaper End Fitting with Cap for 1/2" Poly Tubing
- ◉ Gardner Bender 100-Pieces 8"Long UVB Cable Ties

MATERIALS DONATION STATUS

Materials	Quantity	Price
80 inches by 36 inches aluminum Greenhouse doors	4	???
ORTHO 11-1/2 Lbs. Ortho Fire Ant Killer Broadcast Granules	\$20.35 x 1 bag	Donated by VAS Agricultural Supply Inc.
Weedfree Premium Fabric 100 linear feet	1 long roll	Paid \$25
Encore Plastics 5-Gallon Gray Pro Logo Pail	5	\$12.70
Red Max 96 Oz. Red Max Regular Bleach	10 gallons	Donated by Pinch-a-Penny
Evergreen 0.5 Cu. Ft. Drainage Rock	66 square feet	Donated by A-1-A Sod, Sand and Soil
Quickie Small Angle Broom	\$5.75 x 2	\$11.50
Mesh	2 (45 ft x 5 ft) + 2 (18 ft x 10 ft)	???
CHANNELLOCK, INC. 6-1/2" Tongue-and-Groove Pliers	\$11.48 x 5	\$57.40

MATERIALS DONATION STATUS (CONTINUED)

Materials	Quantity	Price
SWAN 5/8"Dia. x 100'L Heavy-Duty Soft and Supple Hose	\$36.98 x 1	\$36.98
Gilmour 4" metal twist nozzle with rubber overmold grip	\$7.29 x 1	\$7.29
Suncast 225' Hose Reel Cart with Hose Guide & Metal In and Tube	\$44.98 x 1	\$44.98
Mister Landscaper 8" 10-GPH Mister Riser with Adjustable Valve	\$2.76 x 10	\$27.60
Mister Landscaper Violet Flow Controller	\$4.13 x 2	\$8.26
Mister Landscaper 180° Half Circle Water Mister Jet	\$4.83 x 20	\$96.60
Mister Landscaper End Fitting with Cap for 1/2" Poly Tubing	\$3.33 x 4	\$13.32
Gardner Bender 100-Pieces 8"Long UVB Cable Ties	\$6.75 x 3 bags	\$20.25
TOTALS		\$336.88

GREENHOUSE PICTURES



Hauling gravel to be bleached.



The gravel team.

GREENHOUSE PICTURES



Underneath the gravel.



Spreading fire ant killer.

GREENHOUSE PICTURES



Laying out the tarp.



So begins the bleaching process.

GREENHOUSE PICTURES



Dumping the dirty gravel into a new pile



Throwing bleach, gravel and water into the cement mixer.

GREENHOUSE PICTURES



Sifting through the gravel.



Spraying water onto the gravel.



GREENHOUSE PICTURES



Dumping the clean gravel.

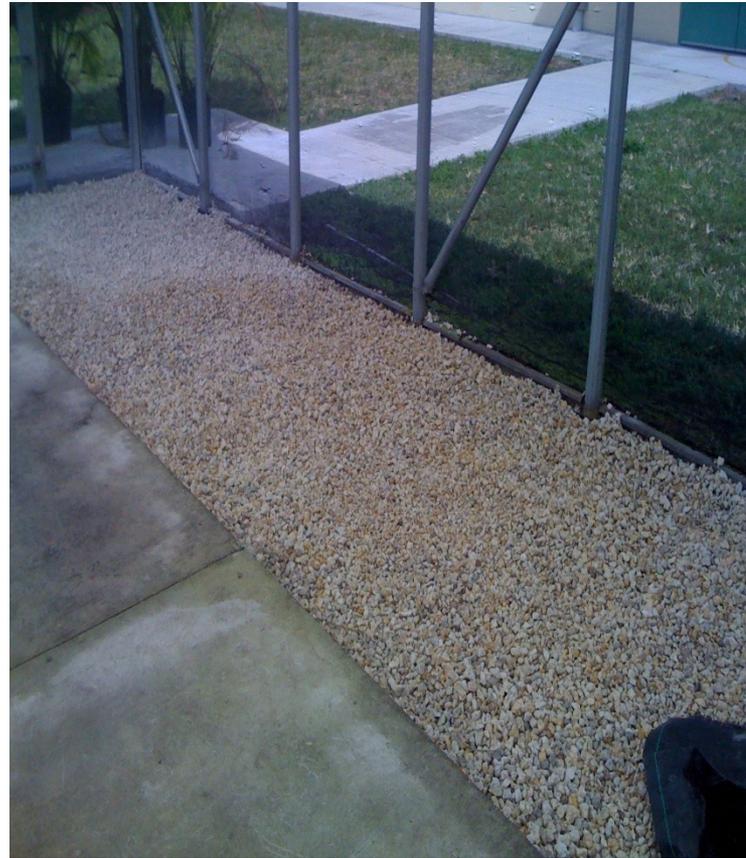


Raking the gravel into place.

GREENHOUSE RESTORATION STATUS



Before



End of Day 1 (22 by 6 by .25 feet)

GREENHOUSE RESTORATION STATUS



End of Day 2 (another 22 by 6
by .25 feet)



½ of the gravel has been done.

WHAT WE NEED FROM YOU

- ◉ Please give your support by providing the materials needed
- ◉ A letter stating that you are donating materials to Nicole's Girl Scout Gold Award-The Greenhouse Restoration
- ◉ Help finding services to mesh the greenhouse and replace the doors
- ◉ To help continue this project by donating a few plants to the finished greenhouse.

WHAT YOU WILL GET FROM US

- ◉ The company's logo on a plexi-glass tablet hanging in the greenhouse noted as a main contributor.
- ◉ A gift in kind donation form from the Girl Scout Council of Tropical Florida under tax-deductible format.
- ◉ The opportunity to showcase your generosity in the Teacher Appreciation Day scheduled for May 2011 and the Girl Scout Annual publication whereas this project has been selected.
- ◉ The challenge to impact the future by teaching and encouraging the youth to restore, maintain and utilize natural resources for a healthy eco-friendly lifestyle.

THANK YOU!!! -*Nicole Matamala*