

Singing in the Rain

Wisconsin and Upper Michigan Rain Gardens

Brent Hanson of Hanson's Garden Village

Rhinelander, Wisconsin





HOW MUCH RAIN FROM A 2000 FT^2 ROOF?

2000 ft^2 x 31.5” annual precipitation x 0.623 =

39,249 gallons

(1246 gallons in just a 1 inch rain event)

SURFACE FLOW CAN ERODE SOIL AND MOVE SEDIMENTS AND POLLUTANTS






1504



SO WHAT IS A RAIN GARDEN?



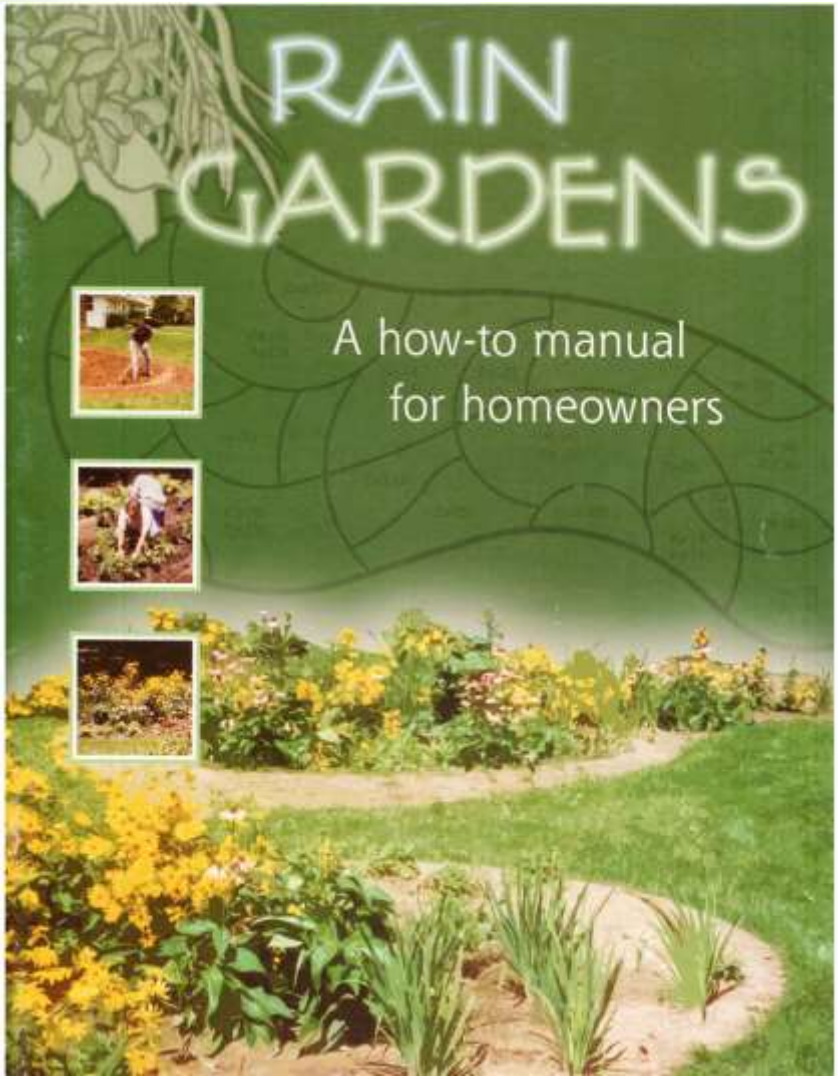


SUCCESS



FAILURE





THANK YOU WISCONSIN LAKES PARTNERSHIP – UW EXTENSION

A RAIN GARDEN IS NOT A POND



HOW EXPENSIVE IS A RAIN GARDEN?

- According to Wisconsin Healthy Lakes Initiative, typical single-family rain gardens ranging from 150-600 ft^2 can run from $500 to $9,500
- A 600 ft^2 rain garden may cost $3000 (with plant costs being about half)







CATTAILS MOVING IN





WE WANT PEOPLE TO HAVE ACCESS





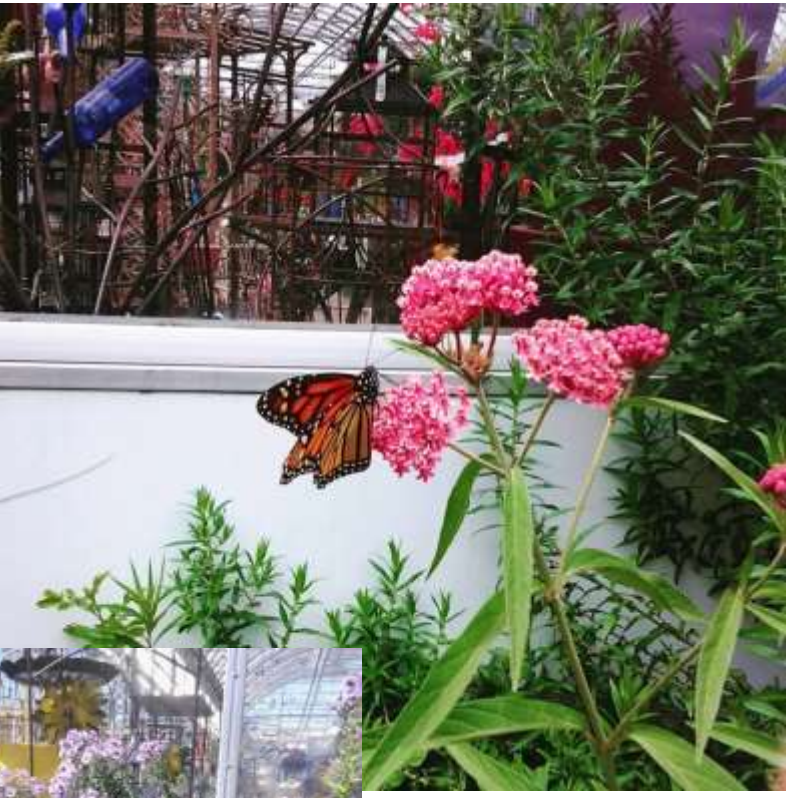






OUR RAIN GARDEN







WHERE TO PLACE THE RAIN GARDEN?



SOME SLOPES ARE TOO STEEP



HERBICIDE OPTIONS

GLYPHOSATE



ORGANIC



CALL DIGGER'S HOTLINE

- Allow three business days
- Wisconsin
  - –www.diggershotline.com
  - –1-800-242-8511
- Michigan
  - –MISS DIG 811
  - –1-800-482-7171



WORK IN COMPOST OR AGED MANURE



Figure 4 Where to dig and where to put the soil you've dug.

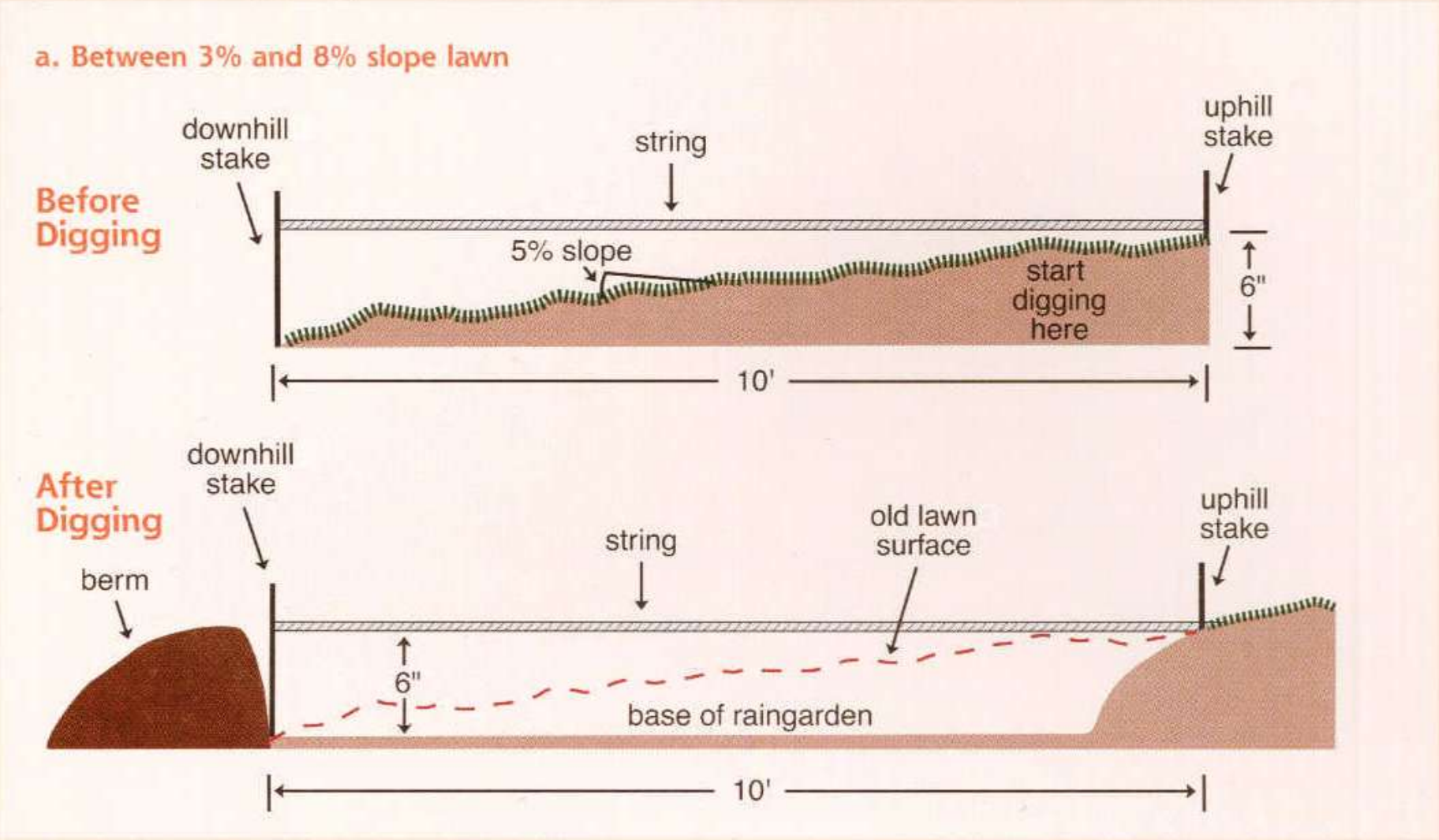




ILLUSTRATION CREDIT: WILD ONES

NOW THE FUN BEGINS



CURLEX NET FREE™ AND PLANTS AT 1 FT SPACING



CURLEX NET FREE™ ON RAIN GARDEN FLOOR
SHREDDED CEDAR MULCH ON BERM



DO YOU NEED DEER FENCING?



NORTH LAKELAND DISCOVERY CENTER




A Natural Destination for Discovery





SPLASH WAY



VIEW DOWN TO RAIN GARDEN



TERMINATION OF DRAIN TILE



VIEW OF DRAINAGEWAY



INSTALLED IN 2009



NLDC – AUGUST 2012







CUP PLANT AND NEW JERSEY TEA



BUSH HONEYSUCKLE



RED-STEM DOGWOOD
Cornus sericea baileyii





NOTE THAT THERE IS NO BERM



NLDC – ENTRY BEDS 2015



EFFECTIVELY CAPTURING ROOF WATER



CUP PLANT IN 2015



THE RAIN GARDEN AT 6 YEARS





ASHLAND PROJECT 2012





OVERFLOW TO THE STREET

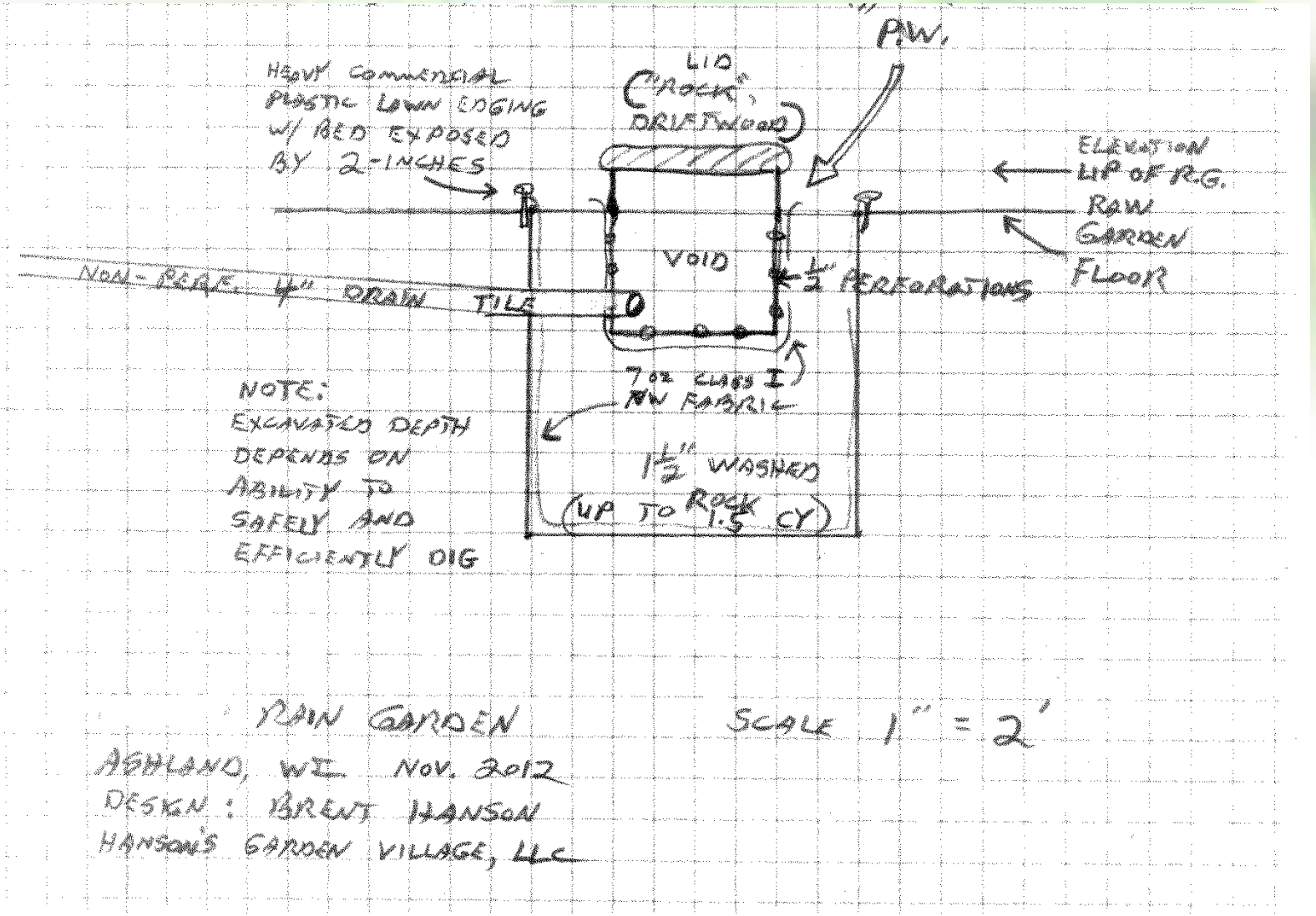




SNOW ON THE MOUNTAIN



PUMP AND INSPECTION WELL



ASHLAND RAIN GARDEN
2 YEARS AFTER INSTALLATION



DOWNSPOUT WAS TURNED TO GARDEN AND PUMP WELL



TUSSOCK SEDGE



SEDGES, SWAMP ASTER AND SPIKENARD



AMERICAN SPIKENARD
ARALIA RACEMOSA



SICKLE SEDGE
CAREX CRINITA



STEPPERS AND PUMP WELL



BOG GOLDENROD
SOLIDAGO ULIGINOSA



BOTTLE GENTAIN
GENTIANA ANDREWSII



2015 RAIN GARDEN







SPREADING THE COMPOST





CONTROLLING DRIVEWAY RUN OFF



MOON BEACH CAMP





BEAUTIFUL NATIVES FOR DRY BERMS



LET'S TRY TO AVOID THIS…



TO GET THIS





WHO DO YOU “CALL” FOR HELP?



SOURCES FOR INFORMATION

- Search Wisconsin Healthy Lakes Initiative
  - Fact sheets on:
    - Rain garden
    - Diversion practices
    - Run off guide
    - Grant funding
- Rain Gardens – A Guide For Homeowners and Landscapers (2018 WI)
- Various Michigan Sources
  - City of Ann Arbor

Hanson's Garden Village

2660 County Hwy G

Rhinelander, WI 54501

www.hansonsgardenvillage.com



715-365-2929

info@hansonsgardenvillage.com