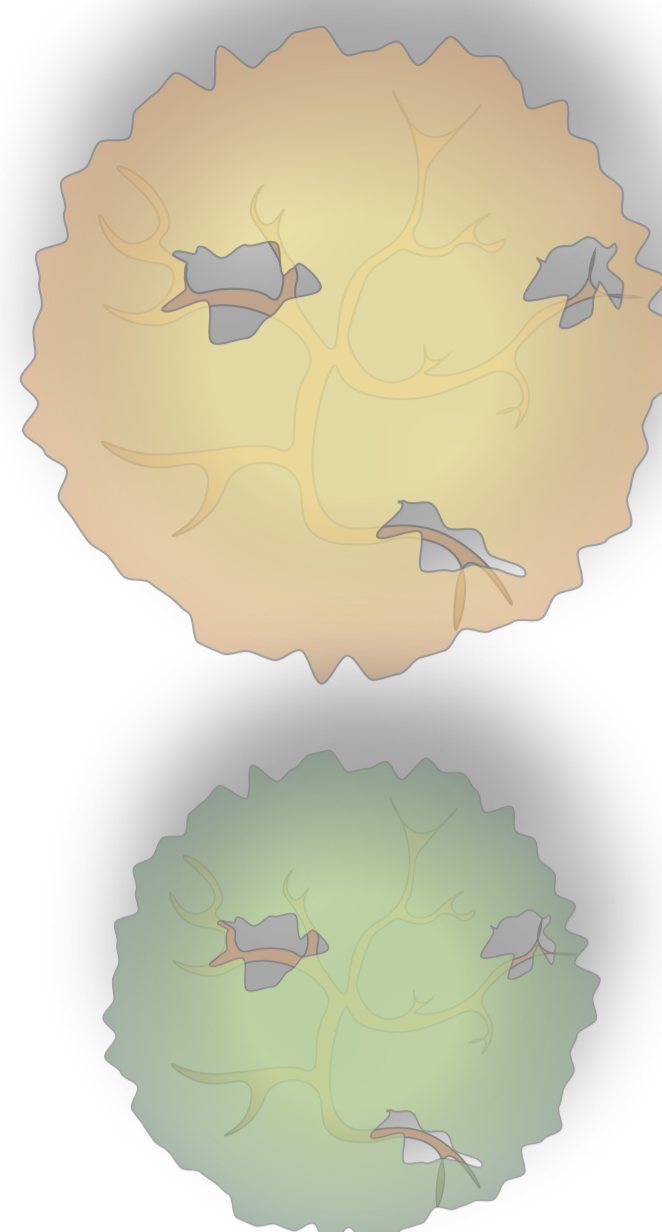




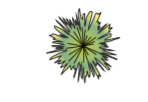

# Feaster Charter School Water Capture Concept Plan

prepared by Catching H2O, May 2019




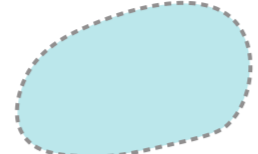
PLATANUS RACEMOSA

SALIX SPP.

-  SALVIA CLEVELANDII "WINFRED GILMAN"
-  MUHLENBERGIA CAPILLARIS
-  MUHLENBERGIA RIGENS
-  MIMULUS SPP.

FLORA NOT DISPLAYED IN DESIGN:

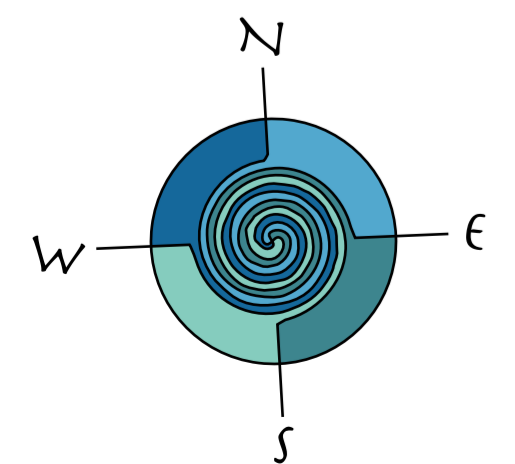
- ACHILLEA MILLEFOLIUM (DEADHEAD EACH FALL)
- EPILOBIUM CANUM (CUT TO GROUND EACH WINTER)
- PEROVSKIA ATRIPLICIFOLIA (CUT TO 12" EACH WINTER)

-  STUDY BOULDERS
-  INFILTRATION BASINS



SPEED BUMP DIVERTS RUNOFF TO A SERIES OF CONNECTED BASINS

APPROX. SCALE - 1/8" = 1'  
0 8 16 FT



THIS SYCAMORE-STUDED RAIN GARDEN HARVESTS PASSIVE RUNOFF FROM CLASSROOM ROOFS AND THE ROAD FROM THE SOUTH AND EAST. A.C. CONDENSATE IS ALSO HARVESTED FROM THE SURROUNDING CLASSROOMS FOR SEASONAL WATER.

BOULDERS ARE SCATTERED THROUGH THE WALKABLE BASINS TO ACT AS STUDY AREAS. WHEELCHAIR SAFE PATHWAYS BRIDGE THE BASIN AT THREE POINTS TO MAKE THE GARDEN AN EXPERIENCE ALL STUDENTS CAN ENJOY.

CENTRAL BASINS TERMINATE AT A ROCK ARMORED WASHOUT AND BASIN THAT SPANS THE WEST FENCELINE OF THE PROPERTY, INCREASING PRIVACY AND SHADE FOR THE SCHOOL.

TOTAL PASSIVE CATCHMENT AREA = 58,000 SQUARE FEET OR 52,000 GALLONS PER YEAR.