



TREATED WATER USES
 SOME TREATED GREYWATER GOES TO THE CLEAN CISTERN FOR USE IN THE BUILDING: FLUSHING TOILETS, CLEANING OFF SUPPLIES IN THE MUDROOM, AND WATERING PLANTS
 OTHER TREATED GREYWATER AND TREATED BLACKWATER CAN BE USED TO DILUTE UNTREATED BLACKWATER, WATER VEGETATION ON SITE AND THE REVITALIZED WETLAND TO THE NORTH, OR BE RELEASED INTO THE GROUND THROUGH AN EFFLUENT SYSTEM

SURFACE RETENTION WETLAND
 FOR STORAGE OF WATER IN ORDER TO KEEP WETLAND HEALTHY DURING DROUGHT AND KEEP WATER AVAILABLE FOR USE
 SAND/GRAVEL MIX OVER #10 GRAVEL OVER 30mm PVC LINER
 PLANTED WITH TYPHA, SCIRPUS, JUNCUS, CAREX FAMILY PLANTS

SUBSURFACE HORIZONTAL FLOW POLISHING WETLAND
 MULCH/SOIL OVER SAND/GRAVEL MIX OVER #10 GRAVEL OVER 30mm PVC LINER, PLANTED WITH TYPHA, SCIRPUS, JUNCUS, CAREX FAMILY PLANTS
 HEIGHT VARIABLE EFFLUENT OUTLET TO CONTROL WATER DEPTH
 SLOPE AT .8% TO ALLOW GRAVITY FLOW

SUBSURFACE HORIZONTAL FLOW TREATMENT WETLAND

SUBSURFACE HORIZONTAL FLOW FILTRATION WETLAND

SEPTIC AND CLEAN WATER STORAGE TANKS
 1,000 GALLON TWO PART SEPTIC TANK FOR INITIAL TREATMENT AND SEPARATION OF SOLIDS, BLACKWATER IS DILUTED AT 1:4 BEFORE ENTERING WETLAND
 1,000 GALLON TANK FOR STORING A SMALL AMOUNT OF TREATED WATER FOR NON-POTABLE USES IN AND AROUND THE BUILDING
 WATER COLLECTED FROM ROOFS CASCADES INTO A SMALL CISTERN ABOVE GROUND TO VISUALLY DEMONSTRATE WATER COLLECTION