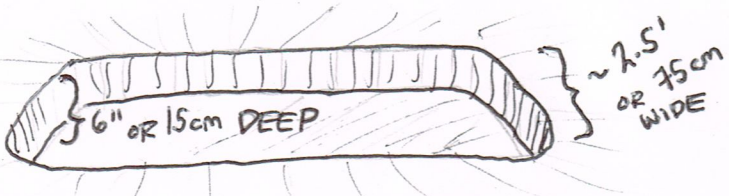
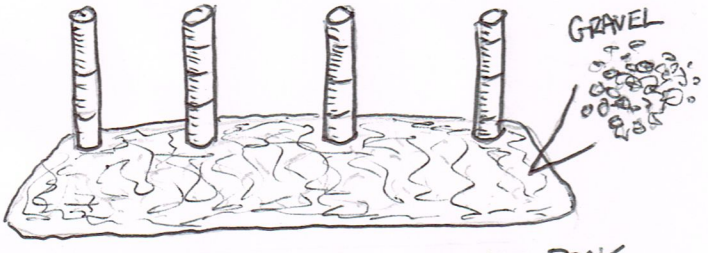
HOW-TO BUILD AN EARTHBENCH

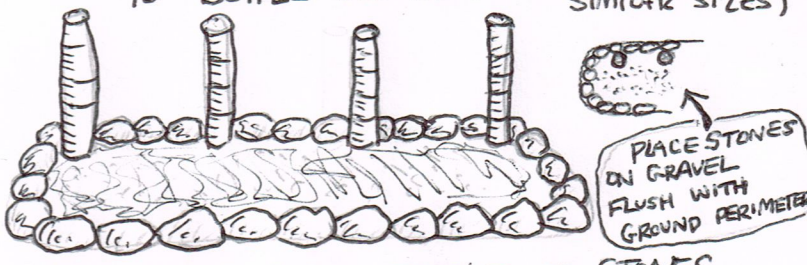


- DIG DRAINAGE HOLE IN BENCH FOOTPRINT

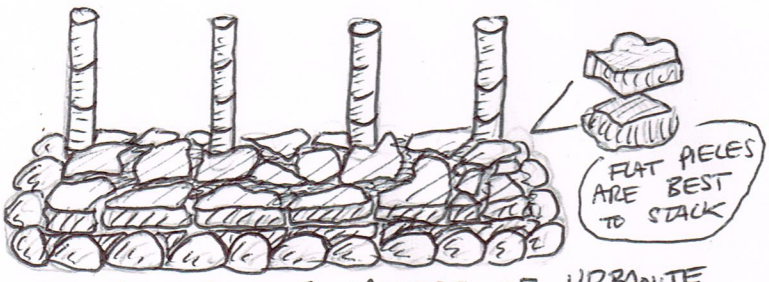
- IF BENCH HAS BACK, ADD POLES FOR SUPPORT
- MAKE SURE POLE WIDTH IS EQUAL TO BOTTLE WIDTH (BOTTLES SHOULD BE SIMILAR SIZES)



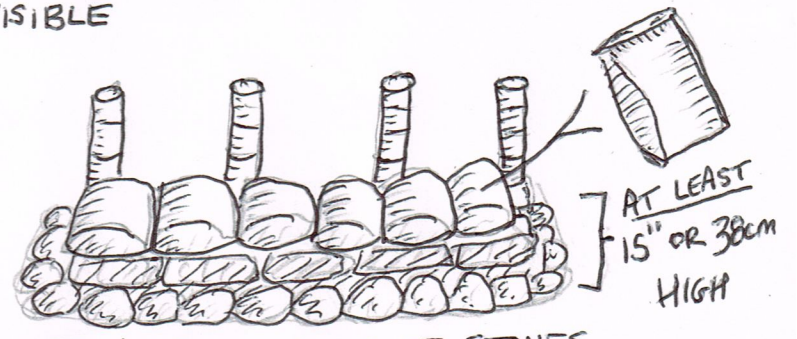
-ADD GRAVEL OR DRAINAGE ROCK TO LEVEL OF GROUND



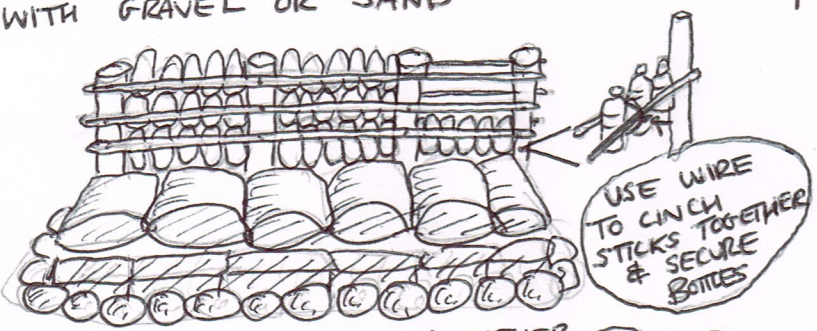
-ADD RIVER ROCKS, BRICKS, OR STONES ON PERIMETER. THESE ROCKS WILL REMAIN VISIBLE



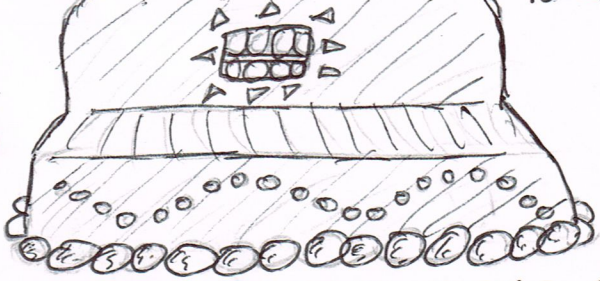
-ADD AT LEAST 2 LAYERS OF URBANITE BROKEN CONCRETE PIECES) OR STONE TO CREATE FOUNDATION. FILL CRACKS WITH GRAVEL OR SAND



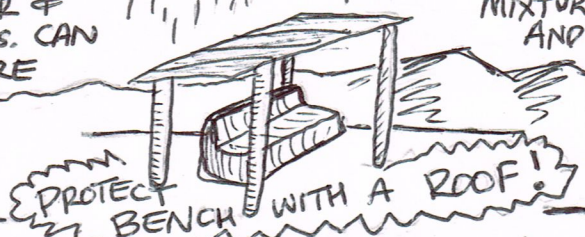
-ADD ANOTHER LAYER OF STONES, MORTAR & BOTTLE BRICKS, OR EARTHBAGS
- EARTHBAG CONSTRUCTION = 1.5 PARTS SAND TO 1 PART CLAY, MIXED WITH SMALL AMOUNT OF WATER, SEALED IN WHITE SANDBAG & TAMPED DOWN TO CREATE MASS



ATTACH SMALL STICKS ON EITHER SIDE OF POLES. BOTTLE BRICKS SHOULD SLIDE IN-BETWEEN. SE WIRE OR ZIP-TIES TO INCH STICKS TOGETHER & ECURE BOTTLE BRICKS. CAN LSO USE CHICKEN WIRE N PLACE OF STICKS



- MORTAR OVER BENCH. MORTAR SHOULD BE AT LEAST 1" - 2" (2.5-5cm THICK). CAN USE CEMENT OR COB. COB IS A MIXTURE OF CLAY, SAND, STRAW, & WATER AND MUST BE PROTECTED BY PLASTER & ROOF
- MAKE SURE TO DECORATE BENCH & LEAVE TRUTH WINDOW TO SEE BOTTLES INSIDE



QUESTIONS? → CONTACT BRENNAN@EARTHBENCH.ORG