



SEEDS OF HOPE

INTERNATIONAL PARTNERSHIPS

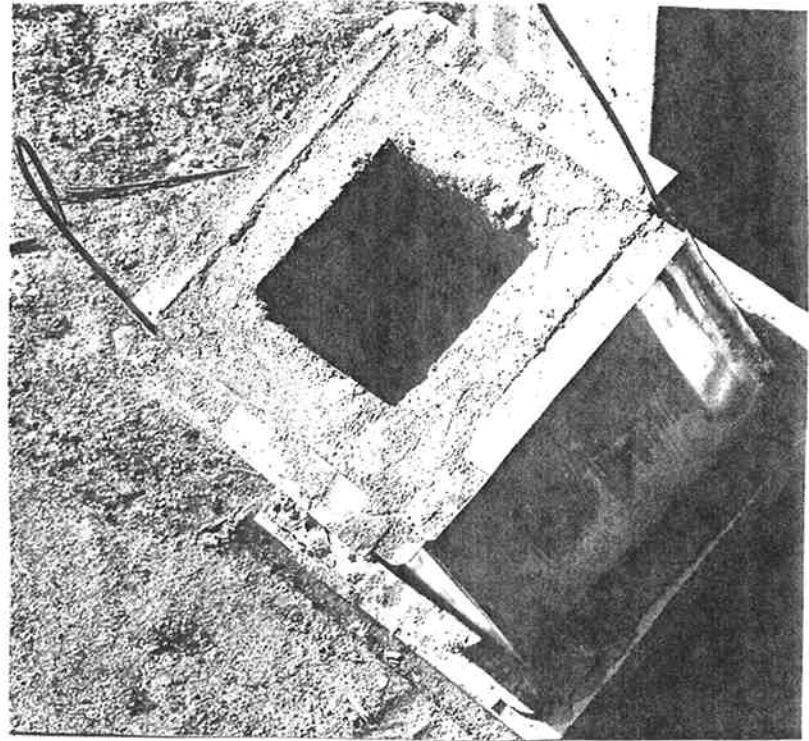
Corrugated Sand Filter

FORM FILL BLOCKS

MIX DRY:

20 PARTS SAND
1 PART CONCRETE

ADD ENOUGH WATER
TO CREATE WET MIXTURE.
TOO LITTLE WATER WILL
PRODUCE WEAK, CRUMBLY
BLOCKS.



FILL MOLD WITH MIXTURE AND COMPACT COMPLETELY
BY TAMPING FIRMLY WITH A FLAT SURFACE.
FLUSH MATERIAL TO TOP OF FORM.
AFTER WATER DRAINS OFF, REMOVE MATERIAL FROM
CENTER OF BLOCK LEAVING 2" THICK WALLS.
MOVE TO FINAL LOCATION BEFORE REMOVING FORM.
ALLOW TO BAKE IN SUN 1-2 DAYS.

MOLD CAVITY

THE FIRST FILL BLOCK IS NOTCHED FOR THE BLEEDER TUBE AND BOTH ARE LOWERED ONTO A 2" BASE OF CONCRETE USING CORDS THAT CAN BE PULLED OUT FROM UNDERNEATH THE BLOCK. SAND IS POURED INTO THE CAVITY OF THE FILL BLOCK TO PREVENT IT FROM BEING COVERED WITH CONCRETE. CONCRETE IS POURED BETWEEN FILL BLOCK AND THE EXTERIOR MOLD UNTIL FLUSH WITH THE TOP OF THE FILL BLOCK. ANOTHER FILL BLOCK IS LOWERED & THE PROCESS IS REPEATED



THREE (3) 8" X 8" X 8" BLOCKS AND TWO (2) 10" X 10" X 5" BLOCKS COMPLETE THE CAVITY. THE FILL BLOCK MATERIAL IS REMOVED DRY WITH A HARD NARROW TOOL

THE MOLD

PASTEN SIDES TOGETHER BY INSTALLING HINGE PINS. LAY ON SIDE TO ATTACH LAST SIDE IF NECESSARY. USE CHANNEL LOCK PLIERS TO PULL HINGE TOGETHER.

LEVEL & PLUMB MOLD. TAMP DIRT INSIDE TO INSURE SQUARE CORNERS @ BOTTOM. COVER BOTTOM WITH 2" OF CONCRETE (MEASURING DOWN FROM TOP) AND COMPACT COMPLETELY TO CREATE WATERPROOF BOTTOM BEFORE PLACING FIRST FORM FILL



BLOCK. ALLOW 24 HOURS FOR CONCRETE TO SET. TILT MOLD AWAY FROM SPOUT TO CLEAR BLEEDER TUBE

BLEEDER TUBE

PROTECT THE TUBE FROM BLOCKAGE AND AT THE SAME TIME PROVIDE A MEANS OF REMOVING THAT PROTECTION LATER (I.E. AN ADDED LENGTH OF TAPE LONG ENOUGH TO BE GRABBED AND REMOVED FROM ABOVE

