

PHASE 1 IMPLEMENTATION AREA

PHASE 2 IMPLEMENTATION AREA

PHASE 3 IMPLEMENTATION AREA



WILLOW (SALIX SPP.)
BRANCH ARCHED
STRUCTURE

FOG PASSES THROUGH MESH
MATERIAL AND IS CAPTURED BY
BEING DIRECTED DOWNWARDS
BY GRAVITY

CURVED FORM UTILIZED
FOR WATER HARVEST
SIMILAR TO DEW
COLLECTING
NAMIB BEETLE



WATER FLOWS DOWN
TO COLLECTION GUTTER
AND DIRECTED TO
CISTERN

STAINLESS MESH
CO-KNITTED WITH POLY
MATERIAL FOR FOG AND DEW
HARVESTING



CO-KNITTED MATERIAL AND CLIMATE
ALLOWS FOR DEW HARVESTING

STAINLESS STEEL
CISTERN WITH ONE-WAY
CHECK VALVE ATTACHED
TO WATER COLLECTION GUTTER

CISTERN CONNECTS TO DRIP
IRRIGATION SYSTEM FOR
WATERING CROPS

IMPLEMENTATION STRATEGY

PHASE I / REGENERATE

IMPROVE SOIL QUALITY FOR GROWING
WEED OUT INVASIVES AND USE FOR COMPOST



..... 3-6 MONTHS

ON SITE SEED COLLECTION FOR PROPAGATION
MAJORITY OF PROPOSED SPECIES EXIST ON SITE



CONSTRUCT WATER GENERATING STRUCTURE
STRUCTURE CREATED CAN BE USED TO PROVIDE
WATER TO STARTER PLANTS



PHASE 2 / CHANNELIZE

RESHAPE TOPOGRAPHY FOR CHANNELS
BEGIN TO HARVEST SURFACE RUNOFF



PHASE 3 / RETAIN

SAGEBRUSH HABITAT CREATION
CREATE AND PLANT TERRACED EDGES

