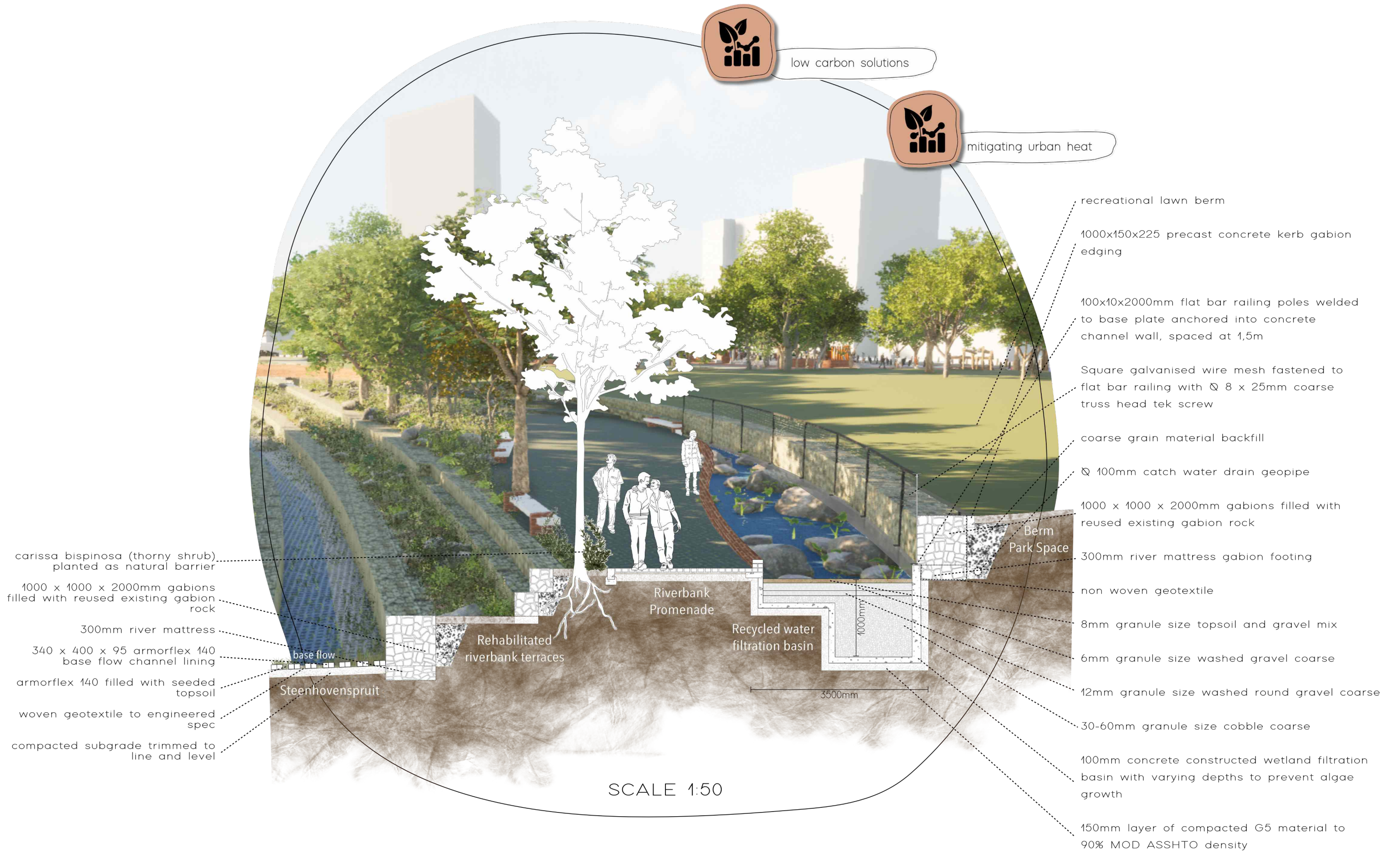
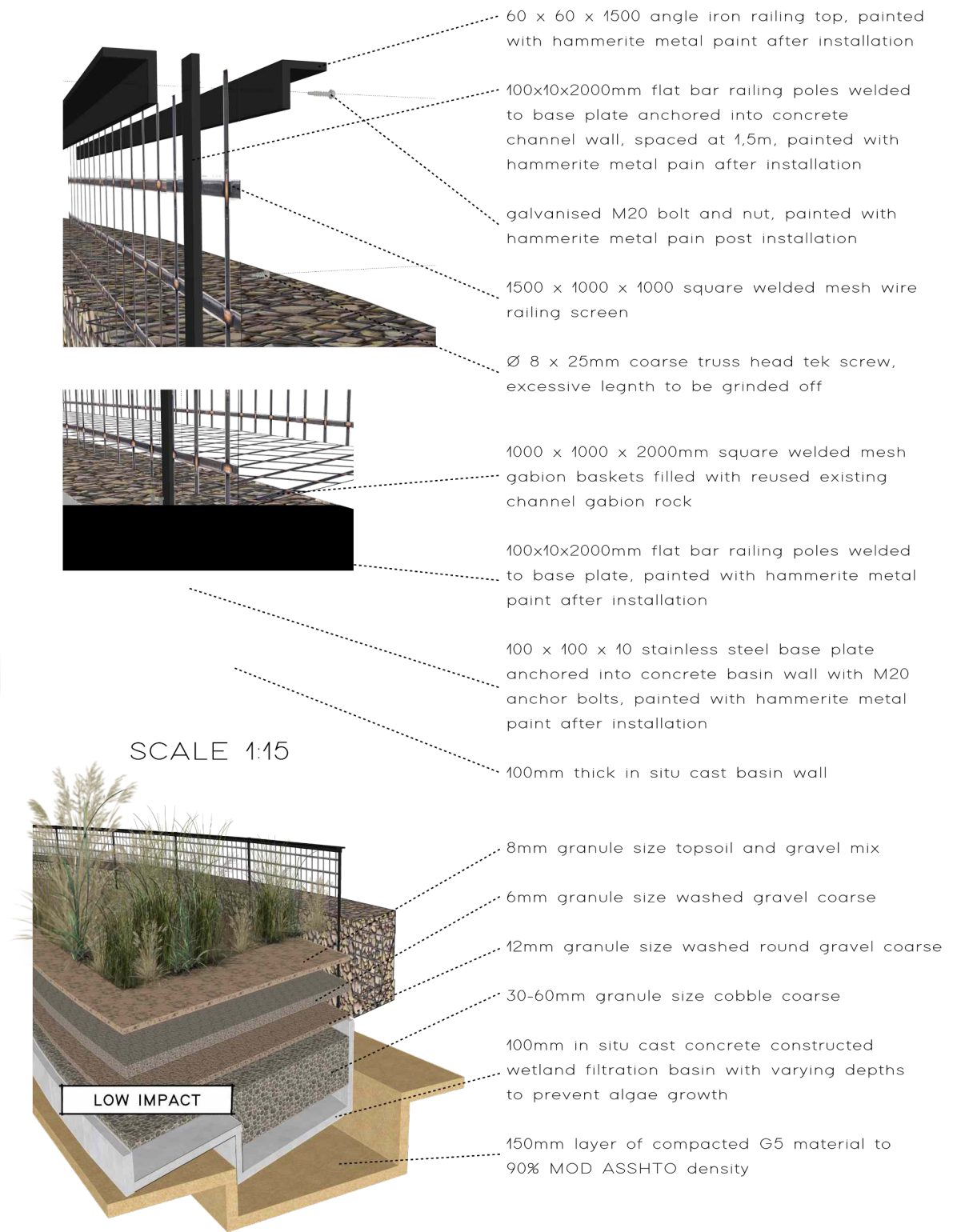
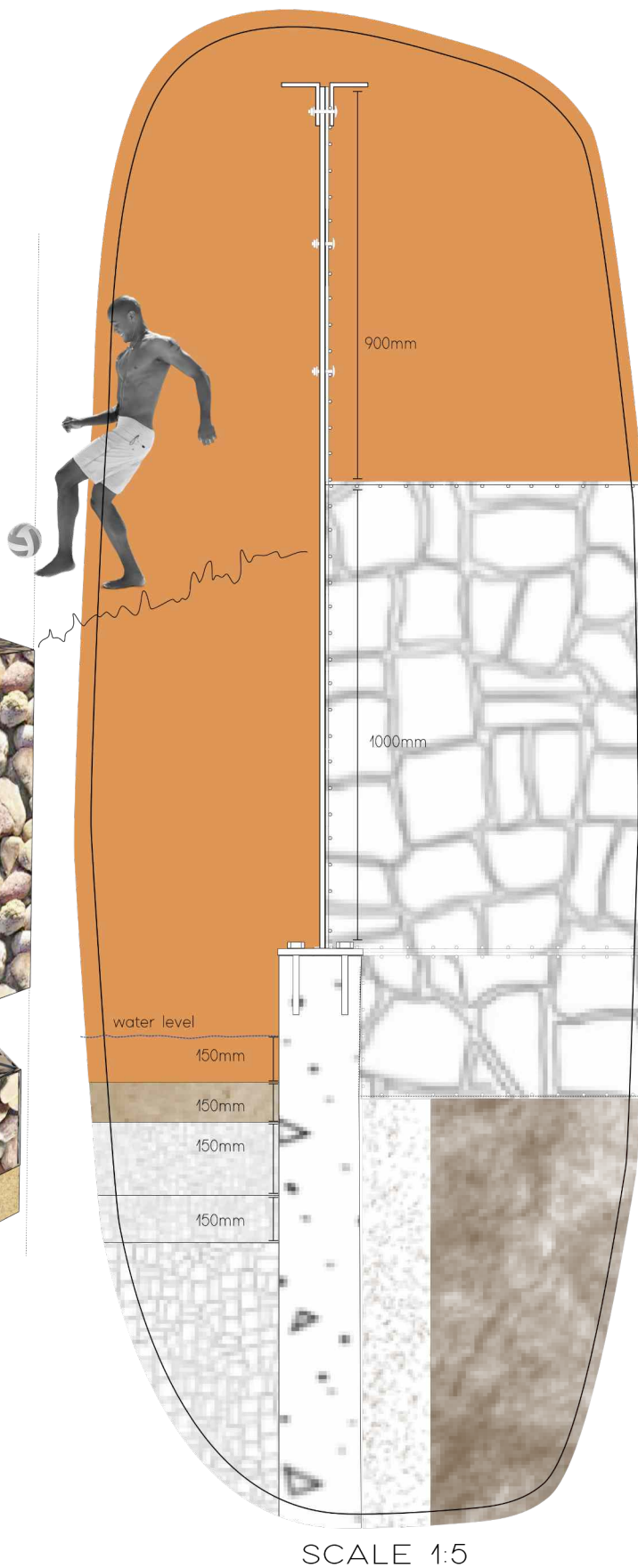
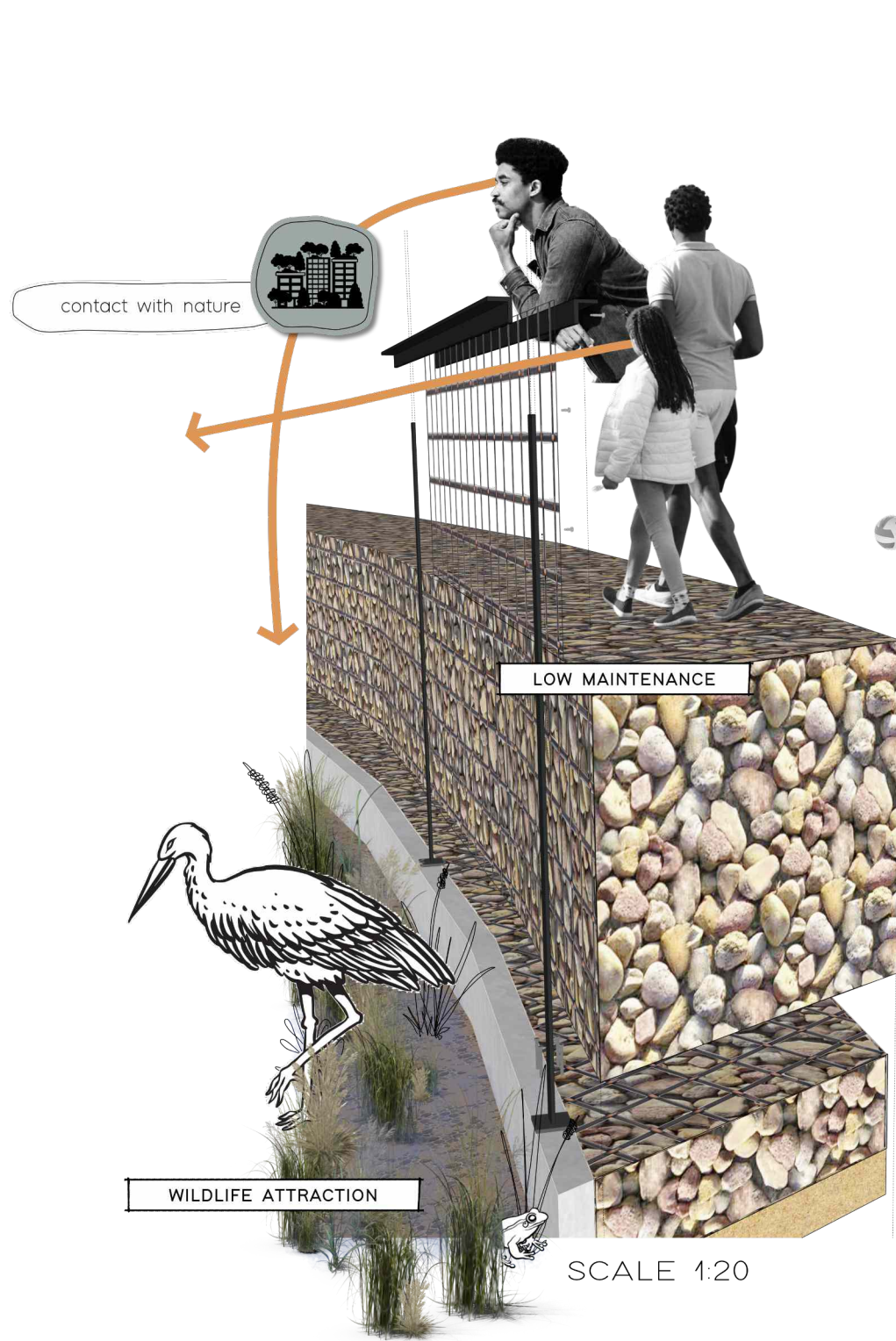


MATERIALITY AND CONSTRUCTION METHODOLOGY



PROMENADE FILTRATION SYSTEM



PROMENADE FILTRATION SYSTEM



 SENANATSWI

 BUSHVELD RAIN FROG



 HADEDA

 INKANKANE



 BLUE-HEADED WARBLER

 AGAMA YA MOHLARE YA BORWA



- 1000mm brick retaining wall
- reinforced in situ cast concrete footing
- 150mm layer of compacted G5 material to 90% MOD ASSHTO density
- coarse grain material backfill
- Ø 100mm catch water drain geopipe
- marikana thornveld plant material

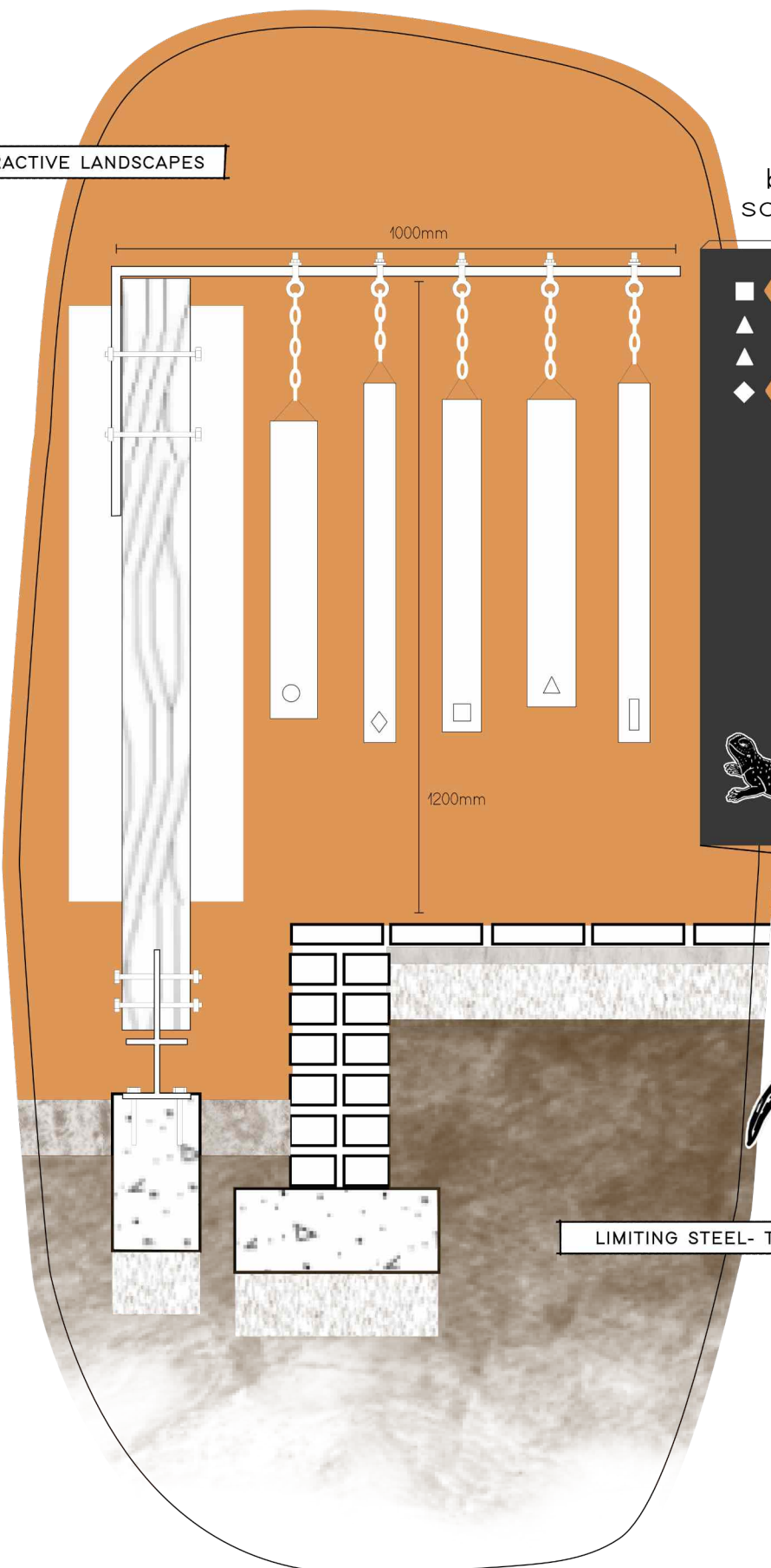
- marikana thornveld plant material
- interactive bushveld sounds chime instrument
- 10mm angled flatbar bolted to saligna pole with galvanised M20 bolts
- M10 stainless steel eye nut
- M10 stainless steel bolt
- stainless steel chain suspending hollow bamboo chimes
- var. sized, hollow bamboo poles selected according to their sounds
- perspex bushveld sounds information boards fastened to saligna pole with
- Ø 120mm saligna treated pole
- 120 x 120 x 200mm galvanised steel post base anchored to 150 x 150 x 300mm concrete footing with galvanised m20 anchor bolts
- 220 x 52 x 50mm smartstone plaza paver
- 480 x 480 x 100mm smartstone grassblock filled with seeded topsoil
- 20mm bedding sand
- 150mm crusher
- 150mm layer of compacted G5 material to 90% MOD ASSHTO density

SCALE 1:50



MARIKANA THORNVELD LEARN AND PLAY

INTERACTIVE LANDSCAPES



bushveld sound code

← BLUE-HEADED WARBLER
← AGAMA YA MOHLARE YA BORWA

bamboo bushveld sound chime

- 10mm angled flatbar bolted to saligna pole with galvanised M20 bolts
- M10 stainless steel eye nut
- M10 stainless steel bolt
- stainless steel chain suspending hollow bamboo chimes
- var. sized, hollow bamboo poles selected according to their sounds
- perspex bushveld sounds information boards bolted to saligna pole

Ø 120mm CCA treated saligna pole
 120 x 120 x 200mm galvanised steel post base anchored to 150 x 150 x 300mm concrete footing with galvanised m20 anchor bolts

220 x 52 x 50mm smartstone plaza paver

bushveld wildlife animal and plant specie name etched on plaza paver, etching process: sandblast over stencil name cut out

LIMITING STEEL- THEFT

VERNACULAR MATERIALITY

SCALE 1:5



benefitting people and nature



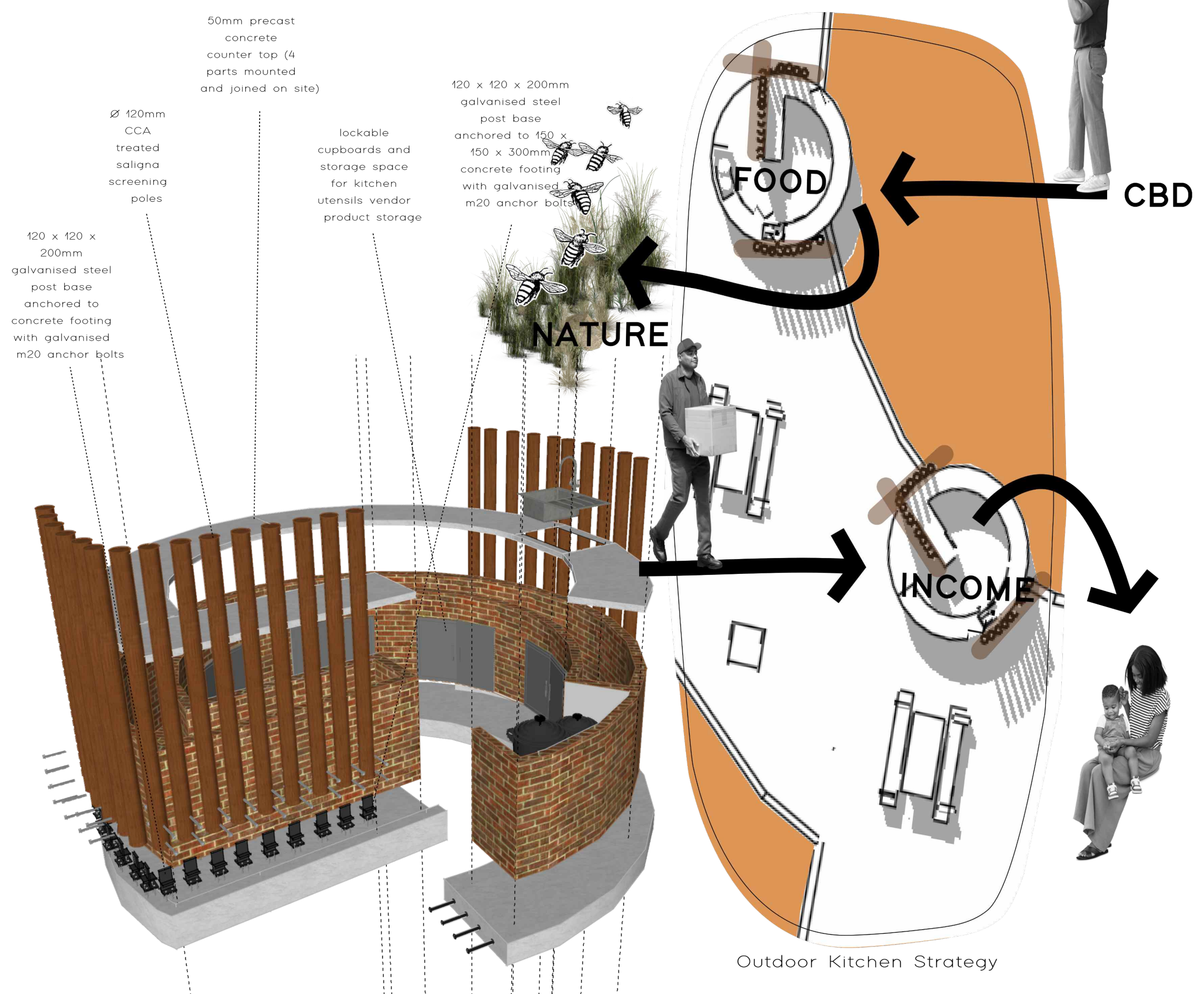


- bronze polycarbonate roof sheeting
- 100 x 50 x 20 x 3 galvanised lipped channel purlins at 700mm intervals fixed to steel I beam
- 250 x 90 x 16mm/m galvanised steel I beam frame bolted to steel column flat plate
- steel flat plate welded to universal steel column angled at 2 deg
- 3000 x 7000 x 50 suspended angle iron frame with community made bamboo mat inlays
- Ø 10mm bamboo rod mats as nbs shading panel echoing the river vernacular
- 300mm powder coated universal steel column welded to base plate
- 600 x 600 x 15 steel base plate anchored to footing with M30 anchor bolts
- 600 x 600 x 800mm in situ cast concrete footing

- 50mm precast concrete counter top (4 parts mounted and joined on site)
- 1200mm high single brick red travertine facebrick wall
- 500mm cavity for lockable cupboards and storage space
- Ø 800mm precast concrete tree ring connected to adjacent tree ring by subtly angled pavement channel to capture water and direct towards tree irrigation
- 110 x 110 x 73 victorian cobble paver

SCALE 1:50

URBAN FOOD AND VENDOR PLAZA





MARIKANA THORNVELD LEARN AND PLAY



URBAN FOOD AND VENDOR PLAZA



REHABILITATED RIVERBED | PROMENADE | WATER FILTRATION BASIN



SHARED STREET WASTE PICKER LANE



OUTDOOR WORK AND CHARGE

