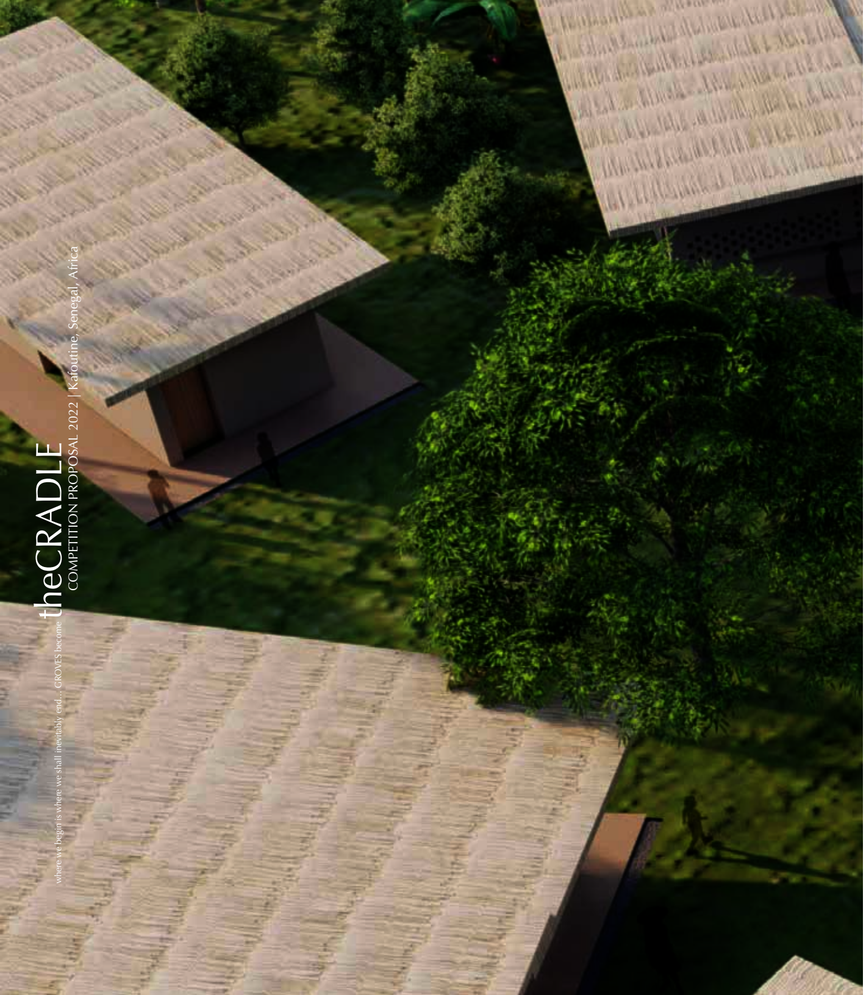


theCRADLE

COMPETITION PROPOSAL 2022 | Katoumne, Senegal, Africa

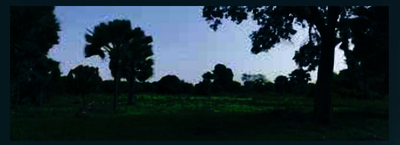
where we begin is where we shall intentionally end... GROVE's become

THE CONCEPTUALIZATION OF SURFACE... **grove**

theCRADLE

Kafoutine, Senegal, Africa

where we begin is where we shall inevitably end... GROVES become



Notes On Site

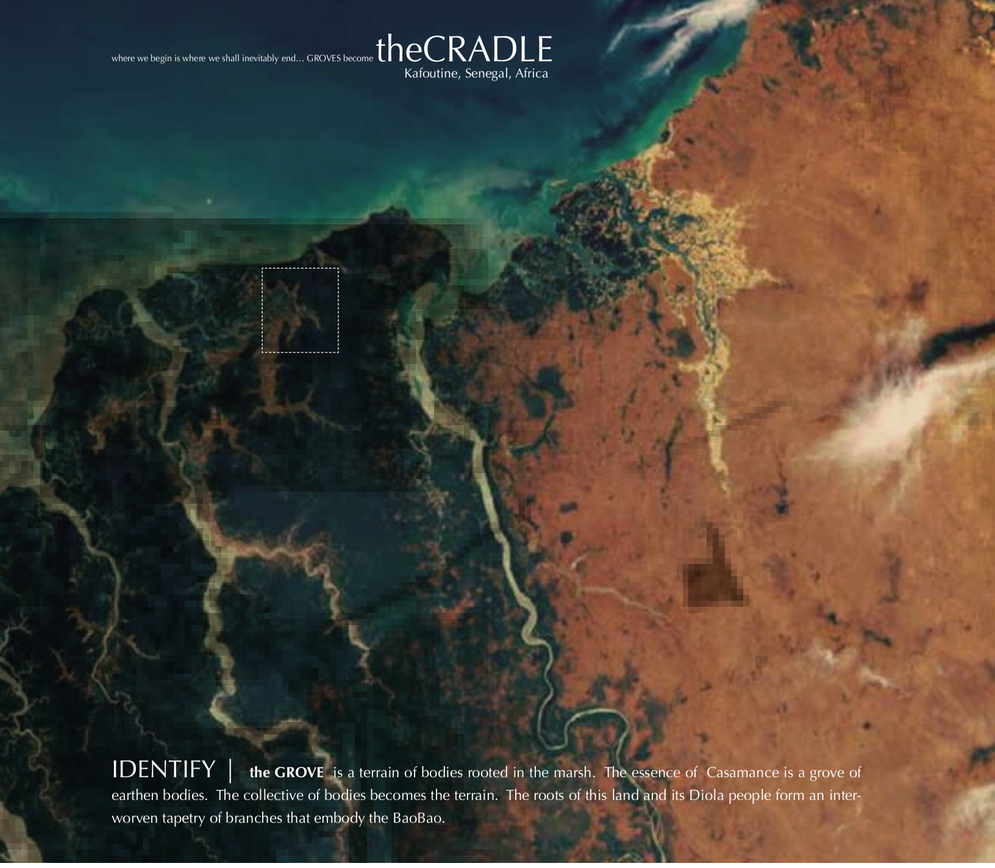
KAFOUNTINE, SENEGAL

Site Dimensions	60.0m x 80.0m
Gross Lot Area	480 sm
Net Lot Area	480 sm
FAR Floor Area Ration	1.0
Lot Coverage (building)	70%
Buildable Area	70% of 480 sm = 336 sm
Open Space Requirement	30% of 480 sm = 144 sm
Gross Building Area	336 sm
Maximum Building Height	5 meters
Maximum Building Floors	1 floors
Site Temperature Range	July 22-30 c / January 23 c
Windiest Month	November
Average Humidity	67%
Prevailing Winds (Maximum)	Western ?
Rainfall (Yearly Average)	1000 mm -1400 mm per year (dry season 8 months)
Sun Angles (Summer/ Winter)	79.48 summer/ 53.63 winter
Local Environmental Catastrophies	Extreme Heat / Floods
Shadow Length	0.38m summer/ 1.88m winter
Climate	Sudano-Sahelian type
Population	17,000 (2021 Kafountine)

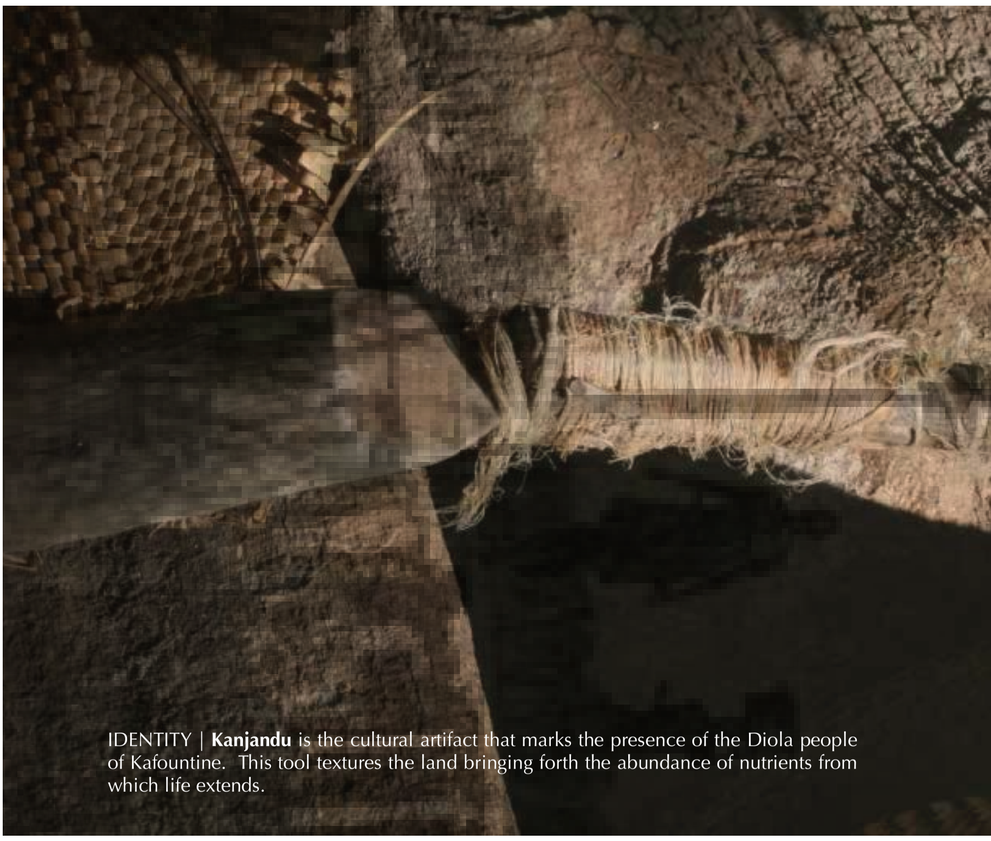
where we begin is where we shall inevitably end... GROVES become

theCRADLE

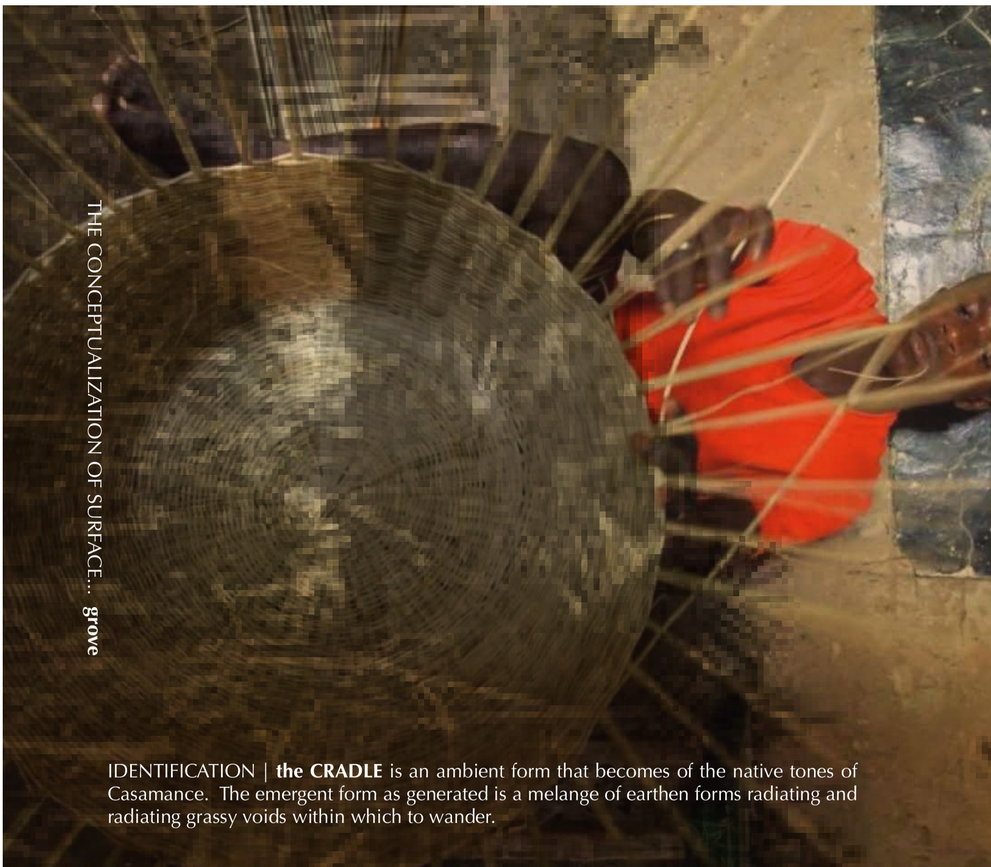
Kafoutine, Senegal, Africa



IDENTIFY | **the GROVE** is a terrain of bodies rooted in the marsh. The essence of Casamance is a grove of earthen bodies. The collective of bodies becomes the terrain. The roots of this land and its Diola people form an inter-worven tapetry of branches that embody the BaoBao.



IDENTITY | **Kanjandu** is the cultural artifact that marks the presence of the Diola people of Kafountine. This tool textures the land bringing forth the abundance of nutrients from which life extends.

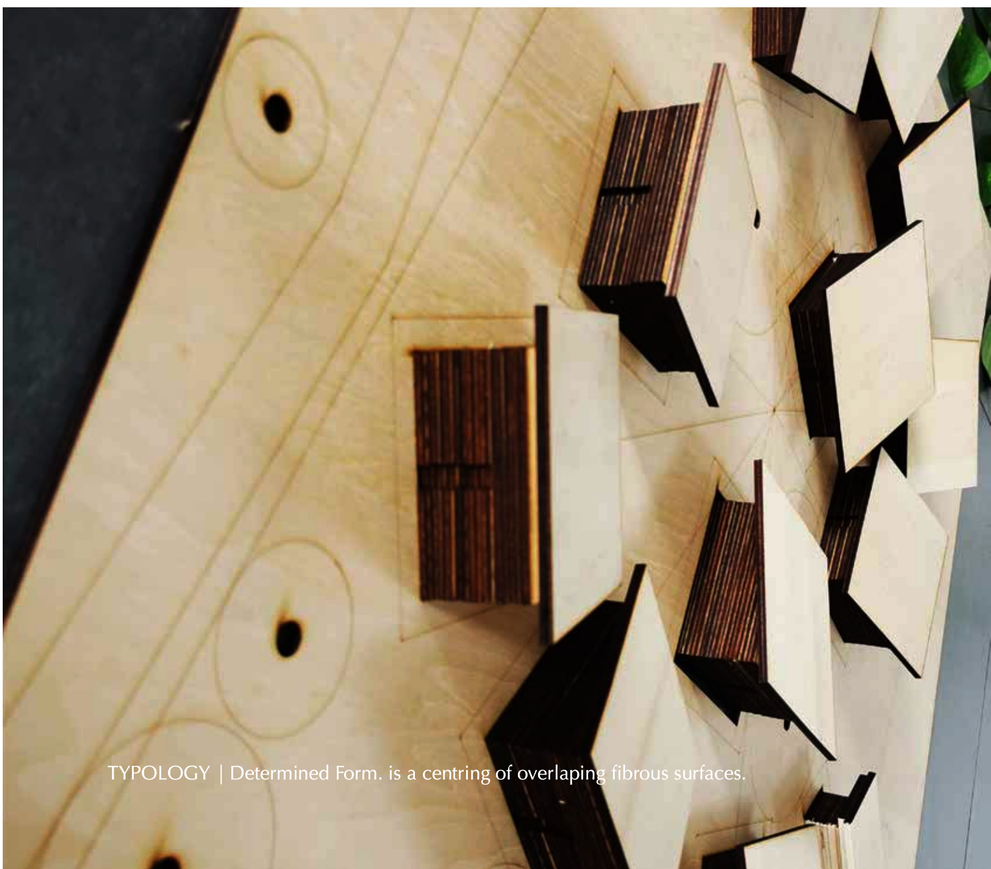


THE CONCEPTUALIZATION OF SURFACE... **grove**

IDENTIFICATION | **the CRADLE** is an ambient form that becomes of the native tones of Casamance. The emergent form as generated is a melange of earthen forms radiating and radiating grassy voids within which to wander.

TYPOLOGY | Potenital Form. the **cradle** is a tapestry of radiating voids.

TYPOLOGY | Ideal Form. is a **medley** of angular compressed earthen forms.

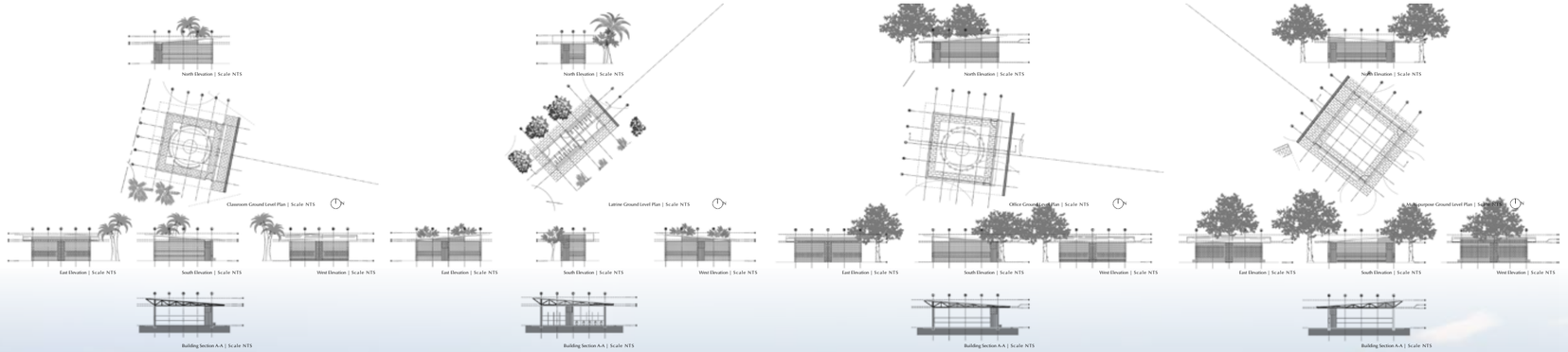


TYPOLOGY | Determined Form. is a centring of overlaping fibrous surfaces.

theCRADLE

Kafoutine, Senegal, Africa

where we begin is where we build, where we build is where we grow, GROWTH becomes GROWTH



KAFOUNTINE PRIMARY SCHOOL

design strategies | form, repetition, void & radiation

theCRADLE
Kafoutine, Senegal, Africa

where we begin is where we shall inevitably end... GROVES become

textures | the essence of adobe.

textures | the essence of date palm thach.

textures | the essence of light.

Wall Section 1 | Scale NTS

AMBIENT FORM | radiating from the centring, the trace of a presence

KAFOUNTINE PRIMARY SCHOOL
design strategies | form, repetition, void & radiation

theCRADLE

Kafountine, Senegal, Africa

where we begin is where we shall inevitably end... GROVES become

AMBIENT FORM | melange of form. the trace of the essence...

KAFOUNTINE PRIMARY SCHOOL

design strategies | form, repetition, void & radiation