

# Solar Slopes



425

ENERGY FOR 425 HOUSES  
5,475 kWh / YEAR / HOUSE



2,340 MWh ANNUAL  
ENERGY GENERATION

CO<sub>2</sub>

1,920 TONNES  
ANNUAL CARBON EMISSIONS REDUCTION

SOLAR SLOPES RESPONDS TO THE HISTORY OF ENTERTAINMENT OF THE TRIANGLE SITE AND ITS CONTEXT WITH DYNAMIC UNDULATING SURFACES THAT FLOW TOGETHER TO ARTICULATE A NEW CULTURAL HUB. THE LANGUAGE OF THE NEW SITE WAS DEVELOPED BY MIRRORING THE EXISTING SITE'S SLOPE AND JUXTAPOSING IT WITH AN ARRAY OF SOLAR SURFACES THAT GENERATE ENERGY AND PROVIDE NEW PERFORMANCE SPACES. BIODIVERSITY IS INCREASED BY THE ADDITION OF NATIVE PLANTING AND PERMEABLE SURFACES THROUGHOUT THE SITE, MEANWHILE ALLOWING FOR OTHER NATIVE WILDLIFE TO FLOURISH. KEY VIEWS ACROSS THE SITE ARE MAINTAINED AND RESPECTED, AND USERS ARE INVITED TO MEANDER THROUGH THE SITE AND ACROSS A NEW PEDESTRIAN BRIDGE LEADING YOU TO THE OUTDOOR AMPHITHEATER AND BEACHSIDE. THE SOLAR SLOPES ARE NOT ONLY A LAND ART GENERATOR, BUT ALSO A PLACE TO HOST ART.

SITE PLAN

