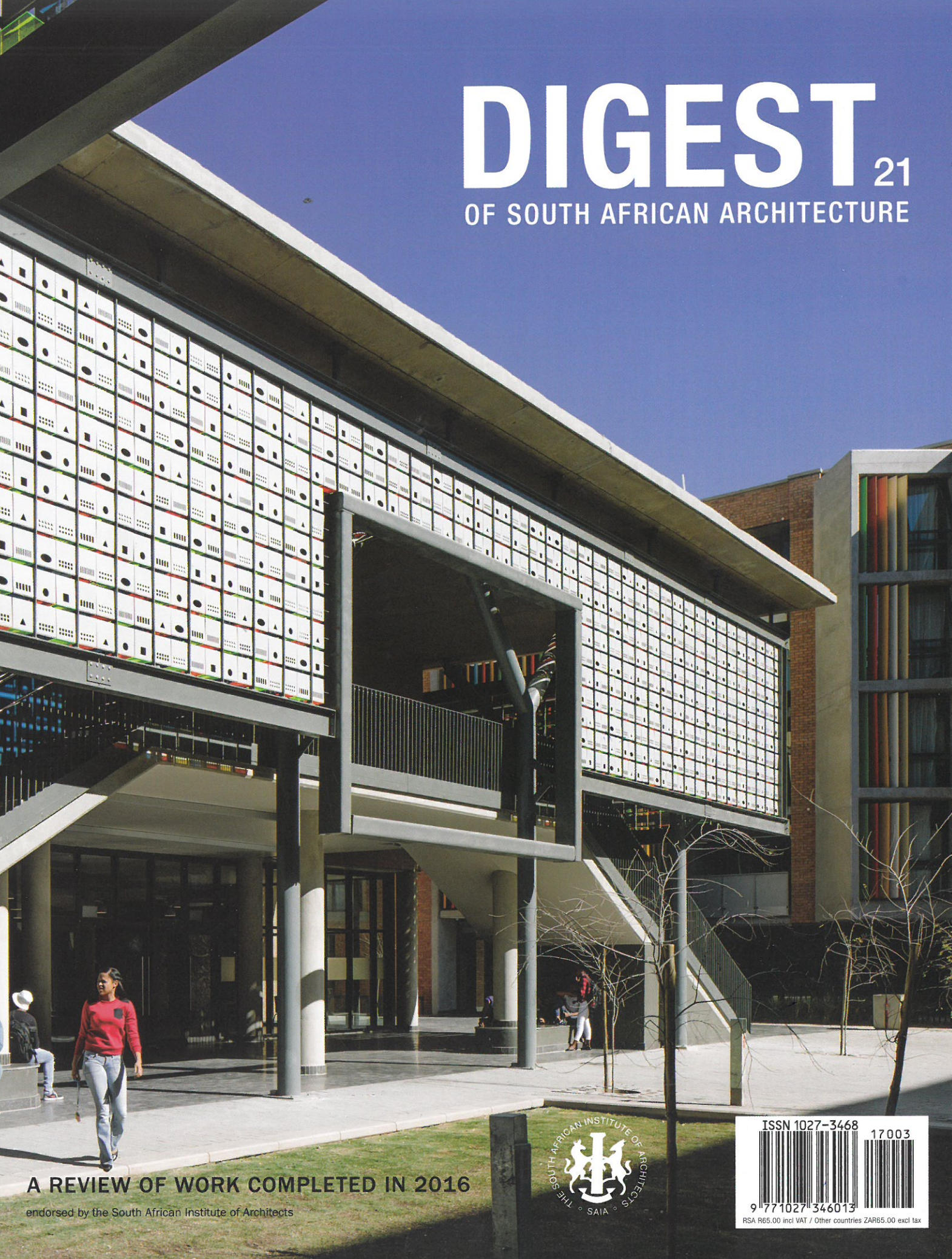


DIGEST ²¹

OF SOUTH AFRICAN ARCHITECTURE



A REVIEW OF WORK COMPLETED IN 2016

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Imizamo Yethu Water Platform, 2016

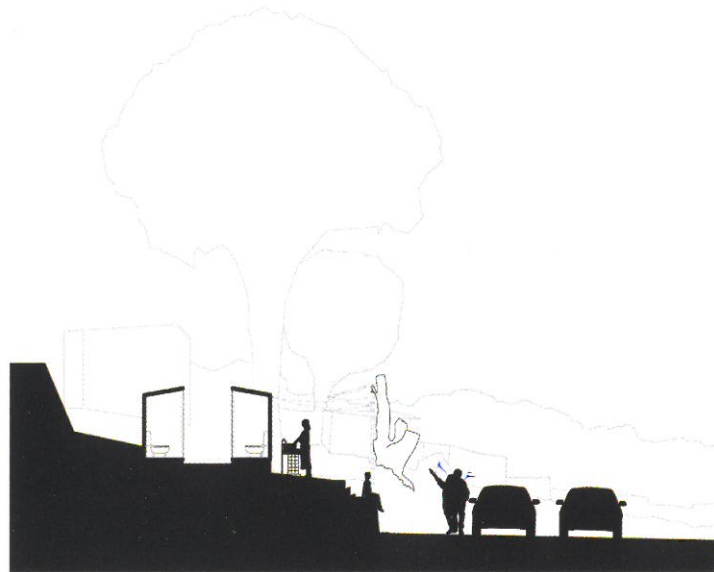
Hout Bay, Western Cape

Architects: School of Architecture, Planning and Geomatics, UCT
 Staff Project Team: Mike Louw, John Coetzee, Shafiek Matthews
 Student Project Team: Kaamilah Barden, Doug Bryant, Hanno Coetzee, Terrini Govender, Ashley Hampson, Daniel Hellenberg, Joshua Martin, Tanaka Maswaya, Ntholeng Mohajane, Nawal Mohamad, Hazel Moyo, Hannah Mullins, Raheema Parker, Stephani Perold, Tauhir Rakiep, Alonso Santos, Amy Schofield, Gabriella Shukor, Dane September, Lundi Sineke, Shareefah Smith, Ettore Soffiatti, Gareth Stangroom, Travors van Breda, Katrina van Hasselt, Tiaan van Niekerk
 Structural Engineers: Henry Fagan & Partners
 Surveyors: School of Architecture, Planning and Geomatics, UCT
 Project Partners: Bluescope Steel, Duram, Fair Cape, Lafarge, Operation Smile, PERI, PPC, Tensile Cables, Youngman
 Construction: Staff and students of the School Architecture, Planning and Geomatics, UCT, with Kenny Tokwe, Akhona Jobo and Anda Nikelo
 Photographer: Mike Louw
 Text: Mike Louw

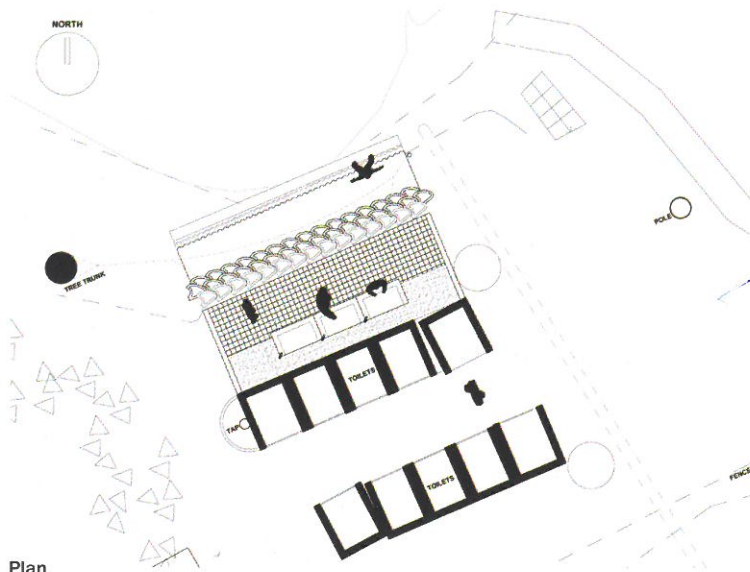
34° 1,47'44"S
 18° 21,47'84"E

In Imizamo Yethu in Hout Bay, an estimated 9 464 households make use of shared toilets and taps. This means the service ratio in the settlement is 61,1 households per toilet and a staggering 394,3 households per tap. As part of a continuing effort to engage with these problems, the second-year students from the School of Architecture, Planning and Geomatics at the University of Cape Town [UCT], together with a few key staff members and members of the Imizamo Yethu community, recently helped to design and construct the seventh annual water platform. The platforms are a way of providing more dignified places for water collection and washing in Imizamo Yethu. They also serve as social gathering spaces and cleaner areas for children to play.

The project is part of a Technology course where students are required to design and manufacture prototypes. A third of the class volunteered to construct the platform during six days of the June vacation. Community members were involved during the planning phases and unemployed members of the community were nominated to assist with construction. There was an exchange of knowledge and skills between members of the community and the students. The use of recycled content was one of the themes of this year's platform – discarded concrete test cubes were used for paving and construction of the washtop walls, while recycled bottle caps and tensile cables were used to construct a much-needed shading structure.



Section



Plan

