

HAROLD CRESSY HIGH SCHOOL | DESIGN PROPOSAL



UCT KNOWLEDGE CO-OP

The UCT Knowledge Co-op facilitated this collaborative project between Harold Cressy High School and UCT.

See <http://www.knowledgeco-op.uct.ac.za> or
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HAROLD CRESSY HIGH SCHOOL | PROPOSAL

HAROLD CRESSY HIGH SCHOOL: HAROLD CRESSY HIGH SCHOOL IS A SECONDARY SCHOOL LOCATED IN DISTRICT SIX, SOUTH AFRICA. IT WAS FOUNDED IN 1951 AS THE CAPE TOWN SECONDARY SCHOOL. THE SCHOOL HAS A RICH HISTORY AND PLAYED A SUBSTANTIAL ROLE IN OUR HISTORY DURING THE APARTHEID PERIOD. AS A RESULT, THE BUILDING IS NOW IDENTIFIED AS AN IMPORTANT CAPETONIAN LANDMARK. THE DESIGN, THEREFORE, SHOULD BE TREATED WITH THE SENSITIVITY THAT THE SITE DESERVES.

BRIEF: WE WERE TASKED WITH DESIGNING OUTDOOR SPACES FOR REST, RELAXATION AND SOCIAL GATHERING. OUR ARCHITECTURAL RESPONSE REVOLVES AROUND THE CREATION OF SHADED PORTALS, BENCHES AND A CENTRAL BRAAI AREA THAT ACTIVATES A PREVIOUSLY-UNUSED SPACE. THIS ACTIVATION ALSO SUGGESTS THE CREATION OF A TUCK SHOP THAT BORDERS THE BRAAI AREA. THE PROPOSED CONSTRUCTION METHODS MAKE USE OF LOCALLY-SOURCED CONCRETE, TIMBER AND PAVING TO ENLIVEN THE SPACE.

TEAM:

JESSIE FROMAN

CONOR MOSES

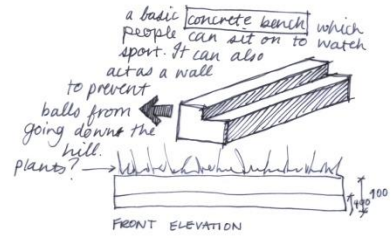
ALICE FINDLAY

LIAM LEONARD

RAHEEMA PARKER

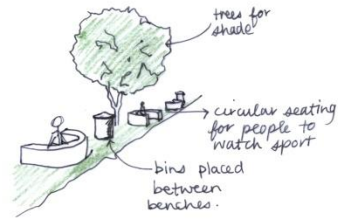
ILAENA NAPIER

HAROLD CRESSY HIGH SCHOOL | INITIAL SKETCH IDEAS

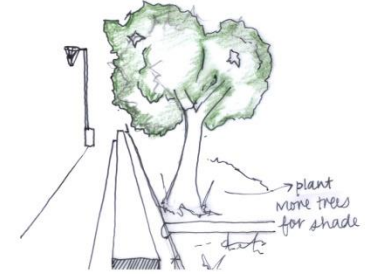


BENCH IDEA:

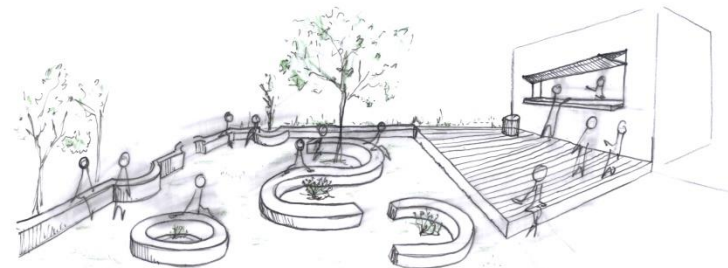
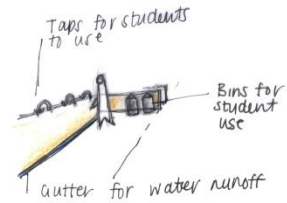
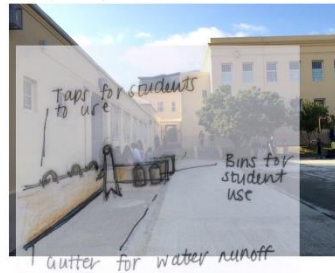
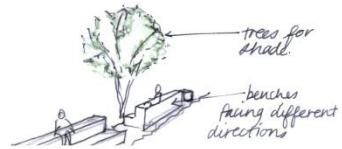
1.



WALL/BENCH IDEA:



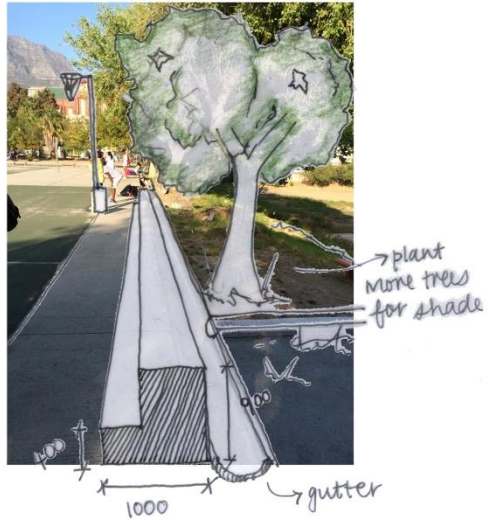
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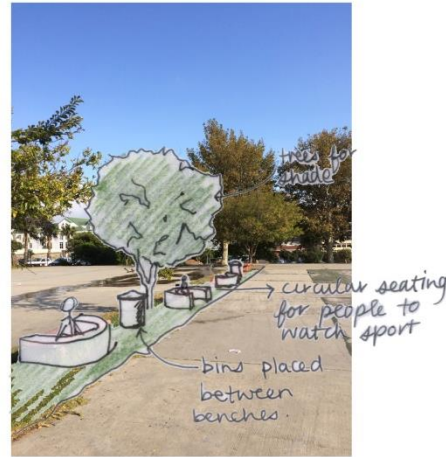
Juice bar tuck shop social area.

HAROLD CRESSY HIGH SCHOOL | DESIGN DEVELOPMENT

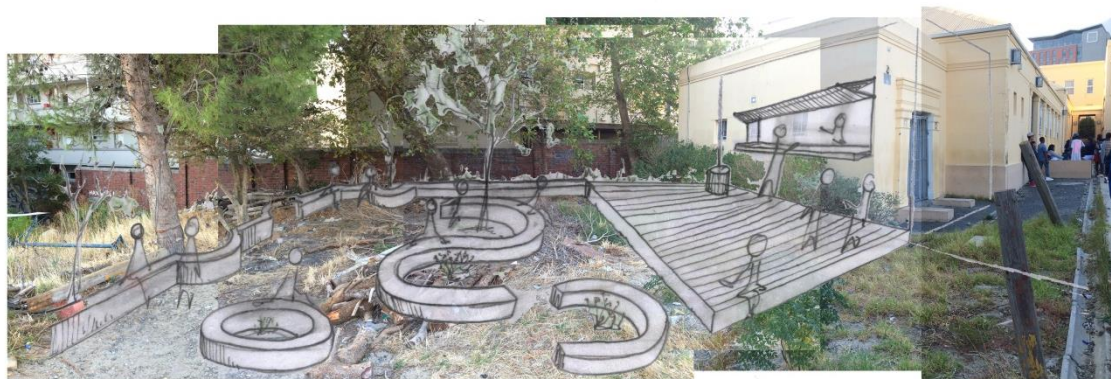
WALLED BENCH CONCEPT



BENCH PROPOSAL 1



BENCH PROPOSAL 2

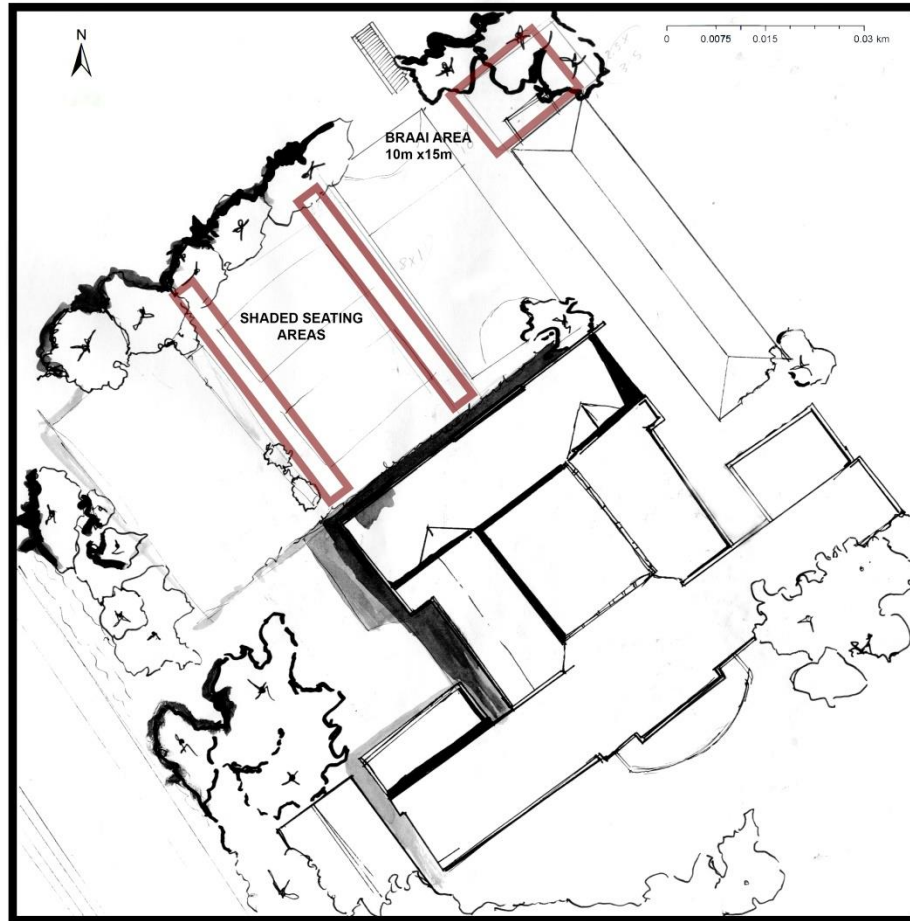


JUICE BAR | TUCK SHOP | SOCIAL AREA

EXPLANATION:

DURING THE DESIGN PROCESS, WE PRIORITISED THE FOLLOWING: SHADE, ACTIVE PUBLIC SPACE AND NICHES AND CORNERS TO REST IN. THIS WAS ACHIEVED BY ACTIVATING THE SPACE OPPOSITE THE TUCK SHOP WITH BENCHES AND A STOEP. FURTHERMORE, ADDITIONAL TREES WERE PLANTED IN OUR PROPOSAL.

FINAL SITE PLAN | 1:500 INTENTIONS FOR THE SITE



DESIGN INTENTIONS FOR THE SITE:

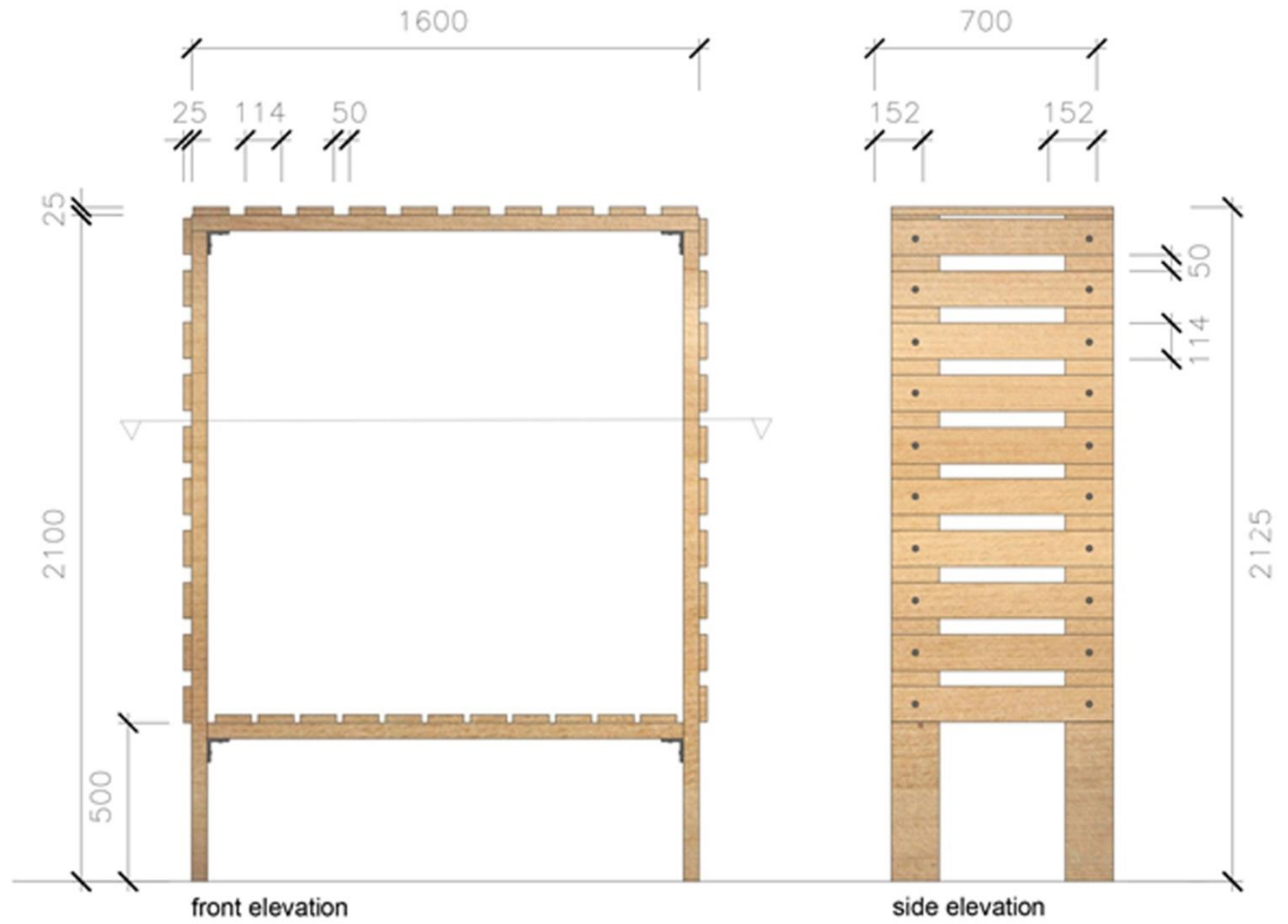
- 1) PROVIDE SHADED SEATING SPACES THAT SHELTER STUDENTS FROM THE HARSH SUN REFLECTING OFF THE COURT AREA.
- 2) CREATE A SPACE FOR SOCIAL GATHERING THAT LINKS TO THE PLAY AREA AND THE NATURAL SHADE OF THE TREES.

**HAROLD CRESSY HIGH SCHOOL
SEATING PLAN
1:500**

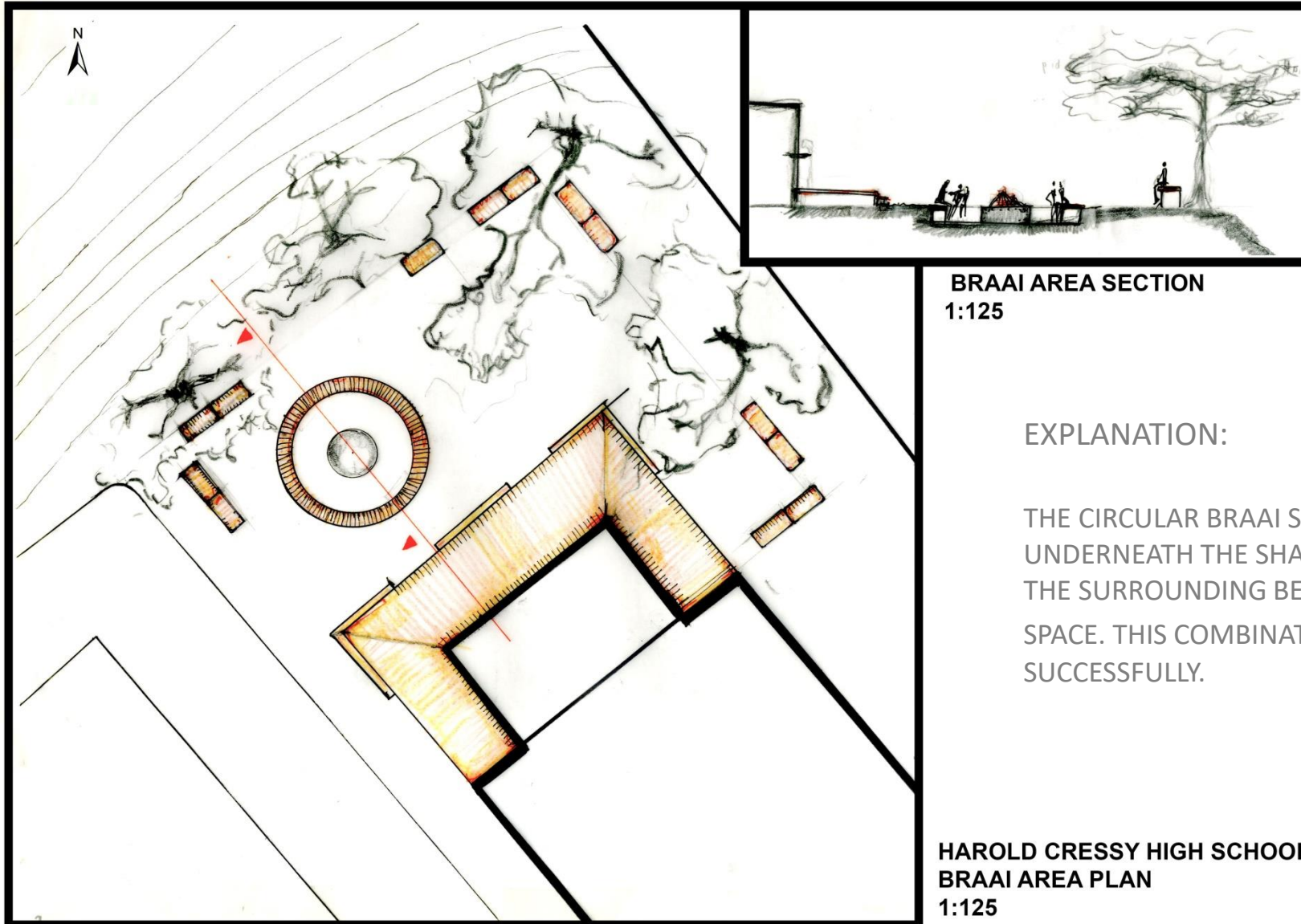
1) TECHNICAL DESIGN OF SHADED SEATING BENCHES | 1:100



plan



2) SPATIAL DESIGN OF SOCIAL GATHERING AND BRAAI SPACE | 1:100



BRAAI AREA SECTION
1:125

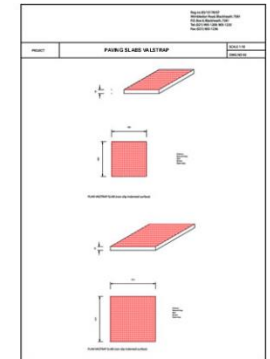
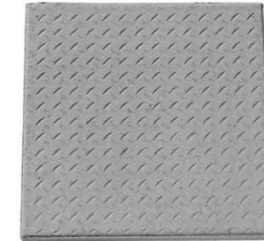
EXPLANATION:

THE CIRCULAR BRAAI SPACE ENCOURAGES SOCIAL ACTIVITY UNDERNEATH THE SHADE OF THE EXISTING TREES. FURTHERMORE, THE SURROUNDING BENCHES CREATE POCKETS OF SEMI-PRIVATE SPACE. THIS COMBINATION CREATES ACTIVATES THE SPACE SUCCESSFULLY.

HAROLD CRESSY HIGH SCHOOL
BRAAI AREA PLAN
1:125

SOURCING CONCRETE | CAPE TOWN SUPPLIERS

- **CAPE CONCRETE:** CAPE CONCRETE WORKS, LOCATED IN CAPE TOWN, SOUTH AFRICA, IS A LEADING SUPPLIER OF SUPERIOR PRECAST CONCRETE PRODUCTS TO BOTH THE CONSTRUCTION AND CIVIL ENGINEERING INDUSTRIES. THEIR MAIN PRODUCTS INCLUDE PIPES, KERBS, CULVERTS, DRAINS, MANHOLES, WINDOW SYSTEMS, LAMP POLES, BUS SHELTERS, TOILET CUBICLES AND GARAGES. THEY ARE LOCATED 30KM FROM HAROLD CRESSY HIGH SCHOOL.
- **AFRIMAT:** AFRIMAT'S READYMIX DIVISION SUPPLIES CONCRETE TO LARGE-SCALE CIVIC ENGINEERING AND CONSTRUCTION PROJECTS. THE CONCRETE IS SUPPLIED THROUGH FIXED AND MOBILE READYMIX PLANTS WHERE CONCRETE IS BATCHED ON DEMAND AND THEN TRANSPORTED TO SITE BY CONCRETE MIXER TRUCKS.
- THE MAJORITY (90%) OF THEIR RAW MATERIAL IS SOURCED FROM THEIR OWN QUARRIES IN THE WESTERN CAPE THUS REDUCING THE RESULTANT CARBON FOOTPRINT AND EMBODIES ENERGY OF THE CONCRETE. THEIR BATCHING SYSTEM IS FULLY AUTOMATED AND MEETS ALL THE STANDARDS SET BY THE SOUTH AFRICAN READYMIX ASSOCIATION IN ORDER TO DELIVER THE HIGHEST QUALITY PRODUCTS TO THE INDUSTRY.



SOURCING TIMBER | CAPE TOWN SUPPLIERS

- **UNIVERSAL TIMBER:** UNIVERSAL TIMBER IS A DIVERSE AND PROGRESSIVE SUPPLIER OF TIMBER IN CAPE TOWN, SOUTH AFRICA. THEY CLAIM TO BE ABLE TO SOURCE AND MACHINE ANY TIMBER FROM AROUND THE WORLD AND SHAPE IT INTO ANY DESIRED FORM. THEIR TEAM IS HIGHLY QUALIFIED AND EXPERIENCED - THUS ENSURING A RELIABLE AND QUALITY TIMBER PRODUCT. IN THE COMPANY, THERE IS AN ACCUMULATED TIMBER WORK EXPERIENCE OF APPROXIMATELY 670 YEARS. FURTHERMORE, THE COMPANY IS UNIQUE IN THAT IT HAS THE CAPACITY AND KNOWLEDGE ALONG THE ENTIRE PROCESS OF FELLING TREES THROUGH TO THE FINISHED AND SEALED PRODUCT. THEY, AS A COMPANY, OPERATE A WELL-EQUIPPED ENGINEERING DIVISION WHICH KEEPS THE MECHANICALLY-DEMANDING NATURE OF THE BUSINESS RUNNING SMOOTHLY.
- **CAPE TOWN TIMBERS:** CAPE TOWN TIMBERS, AS A COMPANY, PROCURE ONLY THE BEST QUALITY LOCAL SOFTWOODS AND IMPORTED HARDWOODS FOR THEIR DISTRIBUTION. THEY TRANSFORM THE ROUGH-SAWN TIMBER INTO A VARIETY OF MOULDINGS AND TURNINGS. FURTHERMORE, THEY SET THE INDUSTRY STANDARDS AS LEADERS IN THE FIELD.



SOURCING PAVERS | CAPE TOWN SUPPLIERS

CELMAR CONSTRUCTION: SITUATED IN THE HEART OF CAPE TOWN, THEY ARE THE LARGEST MANUFACTURERS OF PRE-CAST CONCRETE PAVERS IN AFRICA. ALL OF THEIR MATERIALS ARE

- MANUFACTURED TO THE MOST STRINGENT SPECIFICATIONS WITH EMPHASIS PLACED ON STRENGTH, UNIFORMITY AND STRICT QUALITY CONTROL. THEY HAVE BEEN IN OPERATION FOR OVER 35 YEARS AND SERVE THE WHOLE CAPE-TOWN REGION.

SA PAVING: THEY ONLY PURCHASE FIRST-GRADE, SABS-APPROVED BRICKS FROM ESTABLISHED SUPPLIERS. THIS ENSURES THAT ALL OF THEIR PRODUCTS ARE OF AN OPTIMAL QUALITY AND ARE SOLD AT HIGHLY COMPETITIVE PRICES IN A SATURATED MARKET. THEY PRODUCE THE PAVING NECESSARY FOR DRIVEWAYS, POOL DECKS, PATIOS, WALKWAYS AND GROUND COVER. FURTHERMORE, THEY OFFER A PAVEKLEEN SERVICE SO THAT YOUR PAVING CAN REMAIN IN OPTIMAL CONDITION.

PRICE LISTS:

http://www.celmar.co.za/files/Celmar_Retail_Price_List.pdf

<http://www.sapaving.co.za/>

<http://www.capebrick.co.za/files/Cape-Brick-Products-Catalogue.pdf>

