

# C.V. of DENNIS VIVIAN CRESS Pr Eng

## Contact Details

Citizenship : South African • Date of birth : 11 February 1948 Durban, Male

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## Address & Personal Information

6 Robin Street, Cedar Lakes Estate, Fourways, 2191, Gauteng  
PostNet Suite No. 287, Pvt Bag X153, Bryanston, 2021  
Spouse & Children Married, 2 ch, 5 g/ch  
Health Excellent  
Height 1,85m



## Memberships of Technical Societies

Pr. Eng. 1975, Renewed up to 2025. Membership of S A Institution of Civil Engineers.

## Key Skills

Proficient with the following software programs :

M S Office 2021 Word Excel	Prokon Concrete Design Suite	Modelmaker, Pipemaker, Roadmaker Civil design programmes
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## Education

1967 - 1971 Bachelor in Science in Civil Engineering BSc Eng (Civil)  
University of Natal Durban - Majors : Structural Engineering  
1961 - 1965 Glenwood High School Durban : Matric

## Major Work Experience

Refer to Schedule of Completed Projects – ANNEXURE 1 Opened Sole Principal Consulting Practice in Pinetown DENNIS V CRESS AND ASSOCIATES Name changed in 2012 to DCA CONSULTING ENGINEERS	1987 - PRESENT 1987 - PRESENT <b>SOLE PRINCIPAL</b>
OJ&P : Partners Pinetown, Consulting Engineering Practice Position Held : Partner – Structural and Civil Design and Contract Administration SCBS Durban Consulting Engineering Practice Position Held : Design Engineer and Resident Engineer at Cato Ridge Abattoir : Structural and Civil Works City Engineer's Department Durban Position Held : Structural/Civil Design Engineer	1979 - 1987 1974 - 1979 1972 - 1974

Activities and Interests : Social Golf and Tennis, Mountain bike riding

Languages : English (Home) , Afrikaans (fluent)

## ANNEXURE 1 : MAJOR PROJECTS COMPLETED / IN PROGRESS

### CONTRACT SUPERVISION : DCA CONSULTING ENGINEERS

FUNCTION	YEAR	VALUE	PROJECT	DESCRIPTION	CONSULTANT
Resident Engineer	2022-23	R150m	Special Maintenance on National Route R63 Section 12 from N10 (Km 0.0) to Bedford (Km 20.7)	Recycling of the existing pavement surface and base layers combined with bitumen and cement to produce 155 mm BSM2 base layer, cape seal surfacing, construction of RC box culverts and drainage	GladAfrica
Chief Resident Engineer	2018-20	R394m	Lesotho Highlands Development Project, Phase II - Advance Infrastructure Contract	CRE for construction of advance infrastructure comprising roads, water, sewer reticulation, temporary and permanent water and sewer works, bulk excavations and terracing at Polihali Dam site and infrastructure upgrading at Katse Dam site.	Mott MacDonald Africa
Resident Engineer	2016-18	R396m	Safety Improvements on R23 Section 2 from Km 0-Km 4 and 6 new bridges Standerton - Balfour	E R for contract to construct approach roadworks at bridges and demolition of existing bridges and rebuilding 6 new bridges along R23	SMEC
Resident Engineer	2014-16	R91m	Bridal Veil Road Overpass Bridge N1-20- Midrand Gauteng	E R for contract to construct 5 span PC beam bridge over N1-20, leading into Mall of Africa complex. Bridge 116m long * 23m wide	AECOM

Engineer's Representative	2013/15	R205m	<b>Richmond Pipeline, Reservoir and Pump Station</b>	E R for 3 contracts during the construction of a 32km welded steel 450/600 dia pipeline, 5 Ml concrete reservoir, pump station, supply and installation of pumps, pipework and motor control centres	RHDHV
Resident Engineer	2010/12	R145m	<b>Ohlanga Sewage Transfer Scheme : Umhlanga Rocks</b>	R E during the construction of a new 12 Ml/day pump station, supply and installation of pumps, pipework and motor control centres , 1,1km * 560mm dia HDPE rising main and 6,2km gravity outfall sewer and 1,33km 1350mm dia elevated concrete pipe on P/T concrete beams on elevated continuous pipe supports	Aurecon
Chief Engineer's Site Representative : Civil Works	2007/10	R1,6b	<b>King Shaka International Airport La Mercy Durban</b>	Chief E R for Site Supervision of Aprons and associated taxiways, public open parking facilities, underground services at the terminal precinct , external airside/landside road and general civil co-ordination during the complete project construction period	PDNA
Design Engineer & Contract Supervision	2007	R16m	<b>Remote Parking Facility</b> ACSA at Old Durban International Airport	Design of remote parking facility infrastructure to supply additional capacity to existing parking facilities	ARCUS GIBB
Resident Engineer	2006/7	R94m	<b>Multi Storey Car Park</b> for ACSA at Old Durban International Airport	R E during construction phase of two floor R/C parking garage comprising grout augered piles, post tensioned slabs and structural steel barrel vault roof structure. Project stopped midway due to construction of new KSIA airport	ARCUS GIBB
Design Engineer	2006	R8m	<b>Multi Storey Car Park</b> for ACSA at Old Durban International Airport	Design of civil works infrastructure consisting of stormwater drainage, sewer, water reticulation and traffic drop off facilities	ARCUS GIBB
Design Engineer	2005	R2,5m	<b>Montebello Hospital</b>	Design of civil and structural additions	ARCUS GIBB
Design Engineer	2004	R5,5m	<b>Reunion Eco Centre and Boardwalk</b>	Preparation of structural design drawings for Eco Centre building and polywood boardwalk through mangrove swamps	ARCUS GIBB
Resident Engineer	2003	R16,7m	<b>SATI Container Depot Southgate</b>	40 000 m <sup>2</sup> container storage depot, comprising layer works, precast block paving, rail siding and infrastructure	ARCUS GIBB
Resident Engineer	2002	R5m	<b>Westville Sewer Reticulation</b>	Installation of sewer reticulation in existing erven in Westville comprising 17 100 m of 160 upvc sewer pipes and 660 precast concrete manholes in Phase 4, Stages 1 and 2	SOOKAN & Assoc
Resident Engineer	2002	R6m	<b>NR2 La Lucia Interchange Upgrading</b>	Part time supervision to completion of the rehabilitation of existing carriageways under extremely heavy traffic conditions, mill/replace, final premix overlay comprising 21 000 m <sup>2</sup> on MR 94 and ramps, measurement of quantities on completed road & bridge works & final acceptance inspection	BCP Engineers
Resident Engineer	2002	R8m	<b>The Moreland Millennium Bridge</b>	Two span closed cell box structure, curved soffit, skew, on l/grade, founded on precast piles, elliptical central pier, conventional counterfort abutments, structural steel arches mounted on steel fins carrying lighting components	BCP Engineers
Resident Engineer	2001	R1.5m	<b>Widening of Old Bush Bridge</b>	Two span closed cell box structure, closed abutments, central pier, prestressed road / road widening bridge founded on Berea Red sands	BCP Engineers
Resident Engineer	2000	R4m	<b>Widening of Seaview Bridge on Umhlanga Rocks Drive</b>	Widening of Seaview Bridge on Umhlanga Rocks Drive : Two span closed cell box structure, counterfort abutments, central pier prestressed road / road widening bridge founded on Berea Red sands	BCP Engineers
Resident Engineer	2000	R2m	<b>Widening of Umhlanga Rocks Drive</b>	Rehabilitation of existing carriageways, construction of new three lane carriageways, all associated bulk earthworks and layer works comprising 20 000 m <sup>2</sup> premix overlays under extremely heavy traffic conditions between Hickory Drive & Armstrong Avenue	BCP Engineers

## STRUCTURAL DESIGN & CONTRACT SUPERVISION : DCA CONSULTING ENGINEERS

FUNCTION	YEAR	VALUE	PROJECT	DESCRIPTION	CONSULTANT
Consulting Structural Engineer	2009 CANCELLED	R35m	<b>Greenwood Park Police Station</b>	Design of 3 * 2 floor reinforced concrete structural framed new detective offices	DCA Cons Eng
Consulting Structural Engineer	2015	R12,8m	<b>Old Supreme Court : Pmb D O W</b>	Repairs and renovations, new structural steel mezzanine floor, conversion to new offices for Dept of Correctional Services	DCA Cons Eng
Consulting Structural Engineer	2015	R8,5m	<b>Sekusile Primary School : Inanda</b>	Single story DOW classroom block on R/C bases, retaining wall and ancillary buildings	DCA Cons Eng
Consulting Structural Engineer	1994	R2m	<b>Sinenhlanhla Primary School Verulam</b>	Two single storey R/C framed structures on bases, retaining walls	DVC & Assoc
Consulting Structural Engineer	1994	R5,1m	<b>Sithengile Secondary School Clermont</b>	Two three-floor and one two-floor R/C framed structure classroom blocks on bases, retaining walls	DVC & Assoc
Consulting Structural Engineer	1992	R16m	<b>Sandown Retirement Village Pinetown</b>	140 simplex units, amenities and frail care centre founded on grout augered piles	DVC & Assoc
Consulting Structural Engineer	1991	R12m	<b>Community Halls for RSA KZN D P Umlazi</b>	12 structural steel portal framed structures founded on bases or grout augered piles	DVC & Assoc
Consulting Structural Engineer	1991	R2m	<b>Adams Resource Centre for RSA KZN D P Amanzimtoti</b>	Community hall R/C framed industrial structure on bases, timber roof trusses	DVC & Assoc
Consulting Structural Engineer	1991	R2,8m	<b>Devon Road Factory Pinetown</b>	Three floor R/C framed industrial structure and founded on bases with timber roof trusses	DVC & Assoc
Consulting Structural Engineer	1990	R6m	<b>La Pirogue Beach Apartments Ballito</b>	Four floor r/c framed structure using precast floor slab panels founded on grout augered piles	DVC & Assoc
Consulting Structural Engineer	1989	R1,4m	<b>Mariannridge Church for MMI Pinetown</b>	One floor square R/C coffer slab on bases with pyramidal shaped structural steel roof trusses spanning 24 m	DVC & Assoc
Consulting Structural Engineer	1988	R1m	<b>Medical Clinic Phoenix</b>	Two floors R/C tilt up technology precast panel/column structures founded on bases	DVC & Assoc
Consulting Structural Engineer	1988	R8,9m	<b>La Palmiers Beach Apartments Ballito</b>	Eight floors R/C framed structure founded on grout augered piles comprising fifteen units	DVC & Assoc
Consulting Structural Engineer	1987	R4,8m	<b>Chelsea Village Retirement Complex Pinetown</b>	Six floors R/C framed structure CIS slabs and founded on R/C piles comprising 40 units	DVC & Assoc
Consulting Structural Engineer	1987	R2,1m	<b>Post Office for DP&amp;T New Germany</b>	Single suspended R/C framed structure, bases, timber roof trusses	DVC & Assoc

## CIVIL DESIGN & CONTRACT SUPERVISION : DCA CONSULTING ENGINEERS

FUNCTION	YEAR	VALUE	PROJECT	PROJECT DESCRIPTION	CONSULTANT
Consulting Civil Engineer	2011-2015	R8m	<b>Sekusile School Inanda</b>	Design and preparation of layout drawings for roadworks, sewer, stormwater and water reticulation	DCA Cons Eng
Consulting Civil Engineer	1999	R5m	<b>Karridale Road Sewer Reticulation Kingsburgh</b>	Joint Venture with Goba Moahloli & Associates : Sewer reticulation to serve 316 existing housing units and comprising two steel pipe bridge crossings on piled foundations over the Little Amanzimtoti River, 11 600 m of upvc pipework and 435 precast concrete manholes	DVC & Assoc
Consulting Civil Engineer	1997	R4m	<b>Township Road Upgrading Ladysmith</b>	Drawing and design for 17.1 kms of township road upgrading at Ezakheni Ladysmith	BKS
Consulting Civil Engineer	1997	R6m	<b>Lovu Development Phase 5B Kingsburgh</b>	Drawing, design and site supervision of infrastructure for 813 sites comprising 9 500 m upvc sewer pipes, 256 p/c M/H, 1 060 m R/C S/W pipes, 18 470 m <sup>2</sup> premix surfacing and 6 400 m concrete kerbing	DVC & Assoc
Consulting Civil Engineer	1996	R1m	<b>Lovu Phase 5B Service Crossings Kingsburgh</b>	Pipe jacking of three 900 dia R/C pipe crossings of total length 110 m, carrying sewer connections under MR 21	DVC & Assoc
Consulting Civil Engineer	1996	R3,5m	<b>Lovu Phase 2B Bus Route Kingsburgh</b>	Major 2.5 km bus route and collector road comprising 20 000 m <sup>2</sup> premix, 1 150 m s/w drainage pipework, serving infrastructure for 813 sites	DVC & Assoc
Consulting Civil Engineer	1995	R16m	<b>Sandown Village Pinetown</b>	Infrastructure for 140 simplex units, amenities and frail care centre, comprising roadworks, stormwater drainage and sewer reticulation	DVC & Assoc