

3 11 2015
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ORDEM
DOS ENGENHEIROS
REGIÃO NORTE

Exmo. Senhor
Bastanário da Ordem dos Engenheiros
Av. Sidónio Pais, 4-E
1050-212 Lisboa

Data: 2015-10-26

401

02/11/2015

Exmo. Senhor Engenheiro

Em complemento ao despacho do Conselho Diretivo Regional Norte, junto remeto o dossier de candidatura a membro correspondente da Ordem dos Engenheiros, de SAMUEL HENRIQUE CARVALHO BASTOS, para emissão do competente parecer.

Com os melhores cumprimentos,


Anabela Silva
Movimento Associativo



SEDE
Rua Rodrigues Sampaio, 123
4000-425 PORTO, PORTUGAL

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NIF: 500839166
www.ordemengenheiros.pt / www.oern.pt



ORDEM
DOS ENGENHEIROS
REGIÃO NORTE

**Pedido de Inscrição
Membro Correspondente**

MA

810)

23 OUT. 2015

PEDIDO INSCRIÇÃO DE MEMBRO CORRESPONDENTE	Nº Regional	Nº Nacional	
	017431	070967	

Nome completo: SAMUEL HENRIQUE CARVALHO BASTOS

Estado Civil SOLTEIRO

Filiação Pai: CARLOS HENRIQUE PINTO BASTOS

Filiação Mãe: MARIA FÁTIMA MAGALHÃES DE CARVALHO BASTOS

Data de Nascimento: 19/04/1990 Natural de: AMARANTE Nacionalidade: PORTUGUESA

Bilhete de Identidade: _____ DT Emissão: 1/1/ Arquivo: _____ Validade: 1/1/

NIF: 226854835 Cartão de Cidadão: 13765792 Validade: 20/02/2017

Residência: RUA DO MOSTEIRO, 149 FREIXO DE BAIXO

Código Postal/Localidade: 4600 - 613 AMARANTE

Telefone: 913812130 Telemóvel: 00447470484949 E-mail: S.HCBASTOS@GMAIL.COM

Licenciado com o curso de: MESTRADO INTEGRADO EM ENGENHARIA CIVIL Em: 25/07/2013

Pelo(a): FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO

Formação Complementar: _____

Empresa onde trabalha: ROBERT BIRD GROUP (RBG) Função: ENGENHEIRO DE ESTRUTURAS

Morada: LEVEL 2 HARLING HOUSE, 47-51 GREAT SUFFOLK STREET

Código Postal/Localidade: SE1 0BS LONDON UNITED KINGDOM

Telefone: 00442076334880 FAX: _____ E-mail: ENQUIRIES@ROBERTBIRD.COM

Requer a admissão à Ordem como MEMBRO CORRESPONDENTE nos termos da alínea.... Do artigo 13º do Estatuto da Ordem

Actividade Profissional: Mais de 5 anos

Documentação Entregue: CV Carta de Curso Certidão de Licenciatura

Outros: EXERCÍCIO DA ACTIVIDADE NO ESTRANGEIRO

O abaixo assinado declara, ao inscrever-se na Ordem dos Engenheiros, aceitar o respectivo Estatuto, as Normas Deontológicas nele incluídas e os Regulamentos em vigor.

Local: LONDRES Data: 21/10/2015 Assinatura: Samuel Henrique C. Bastos

Recebido por _____ Data: ___/___/___

Deliberação do CAQ em ___/___/___	Admita-se como membro Correspondente
O Presidente do CAQ	O Presidente do Conselho Directivo da Região Norte
_____	_____
Admitido em: ___/___/___	O Bastonário
_____	_____

Samuel Henrique Carvalho Bastos

PERSONAL INFORMATION



Address 172B Avenue Road, Acton Town / Postcode: W3 8QQ

Email shcbastos@gmail.com

Mobile 00447470484979

Date of birth 19/04/1990 | **Nationality** Portuguese

PROFILE

I graduated in July 2013 with a Master Degree in Civil Engineering, with Structural Engineering as the chosen area of specialization. Since then I have acquired professional experience in my area of expertise, designing building structures in all common materials with projects ranging from optimizations to new build developments, with projects values in excess of £20m, which contributed widely to consolidate and improve my technical skills.

Working in the structural engineering field helped me increase my passion and motivation to further my career as a Structural Engineer.

Currently, my aim is to broaden my horizons, by moving abroad to the UK, and apply and improve my engineering knowledge by working in challenging projects.

PROFESSIONAL EXPERIENCE

Position	Structural Engineer
Employer	CIV4 – Civil Engineering Consultants, Lda, Maia (Portugal)
Date	Since 16/06/2014 to 31/05/2015
Main activities and responsibilities	<p>I started this job by participating in design of large commercial and residential buildings as well as smaller ones, mostly in reinforced concrete and steel.</p> <p>As experienced structural engineer, I was involved in projects as a principal design engineer, performing all the design and detailing, and coordinating the production of drawings as well as coordinating the different disciplines involved in the project.</p> <p>This is a medium sized company (around 20 structural engineers, CAD technicians and other staff) well established in the Brazilian and Angolan market. So I quickly had to become familiar with the Brazilian Standards and the know-how of some local constructors.</p>

Position	Junior Structural Engineer
Employer	afaconsult, Vila Nova de Gaia (Portugal)
Date	Since 02/07/2013 to 06/06/2014
Main activities and responsibilities	<p>In this first professional experience, I had the opportunity to consolidate and develop the structural engineering knowledge I acquired in my master degree. As a fresh graduate engineer I began, step by step, assuming more and more responsibility in some of the company's projects, designing and detailing all the components, using different structural systems.</p> <p>Such projects allowed me to develop my technical skills as well as to gain some sensibility of what values to expect in each structural analysis.</p> <p>This company has a good reputation in Portugal and they designed many iconic structures such as House of Music (Casa da Música), <i>Infante D. Henrique</i> Bridge, among others.</p>

- Museum of Contemporary Art, University of S. Paulo, Brazil

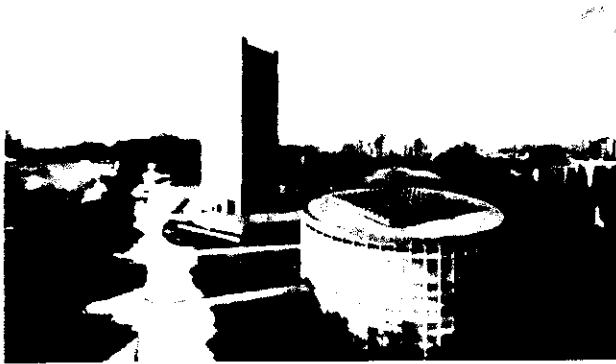


Figure 5-Render from Architecture

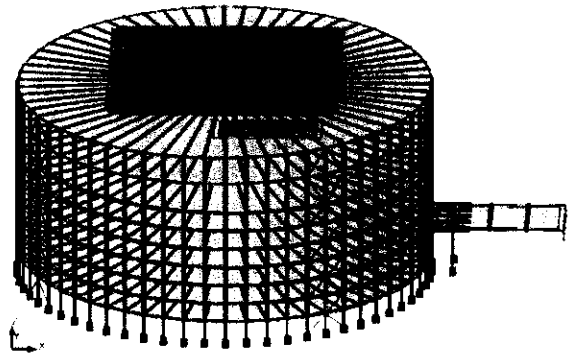


Figure 6-Structural Model (ROBOT) of the car park

Project Highlights: Tower with 93 m height and a car park with 647 spaces and apartments on the rooftop.

Scope of Works: Design of all the foundations, pile foundations. Entire car park design, which is constituted by steel columns and composite steel-concrete beams.

The car park concept required a solution less conventional with large span floors. This revealed to be a challenge because of the project short deadline and the costs control.

- Technological Institute of VALE for sustainable development, Brazil

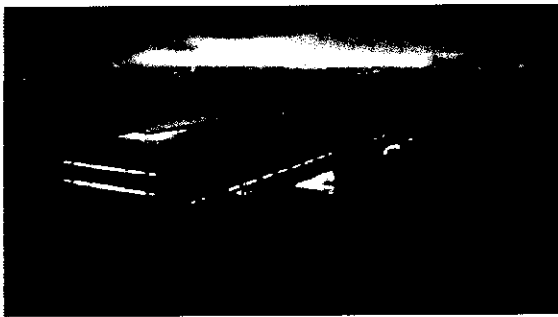


Figure 7-Render from Architecture

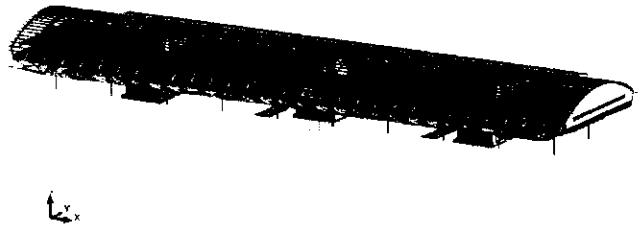


Figure 8-Structural Model (ROBOT)

Project Highlights: Main building of rectangular plant with 180x50 meters.

Scope of Works: Pile foundations design. This solution required innovative construction methods for the piles because this building is located above a swamp area, which excludes the use of heavy machinery.

- Urban Requalification of *Largo 1º de Maio, Kuito, Bié, Angola*

Project Highlights: Commercial area with leisure and sport facilities.

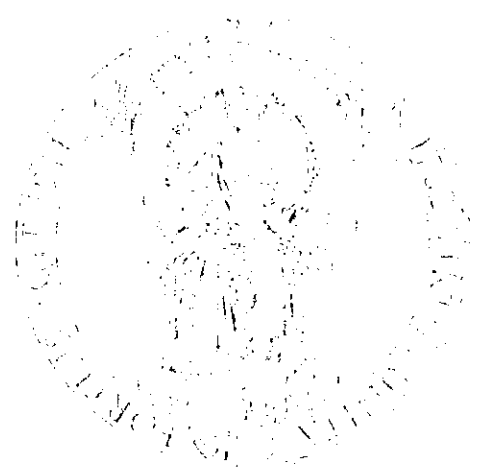
Scope of Works: Design of restaurants, shops and supermarket based on a strategy of cost optimization and quick construction. To meet these requirements, the vertical elements (columns) were designed in reinforced concrete and the solution of the roof is a steel roof decking supported by steel trusses.

- Fish market (lota do peixe de benguela), Angola

Project Highlights: Two main bodies with implementation areas of 2900 m² plus 1500 m².

Scope of Works: Structural optimization, design and detailing of steel and steel concrete connections and shallow foundations.

DP - 31/10/13



CERTIDÃO

Grau de Mestre

Matilde Fernanda da Rocha Moreira, Diretora dos Serviços Académicos da Faculdade de Engenharia da Universidade do Porto:

Certifico, em face de arquivo respetivo, que

Samuel Henrique Carvalho Bastos

titular do bilhete de identidade n.º 13765792, de nacionalidade portuguesa, concluiu na Faculdade de Engenharia, desta Universidade em vinte e cinco de julho de dois mil e treze, o ciclo de estudos integrado conducente ao grau de mestre em Engenharia Civil - Estruturas, com a classificação final de dezasseis valores, correspondendo à classe A na escala europeia de comparabilidade de classificações.

Deste grau foi lavrado o registo 11009360M200802808.

A presente vai firmada com o selo branco desta Faculdade.

Faculdade de Engenharia da Universidade do Porto, em 14 de outubro de 2013.

P^l Diretora dos Serviços Académicos

Paula Valente

Emit. mmcf

Emol. 15,00 EUR

Conf. *Uls*

N.º Cert. 66452