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| <b>PERSONAL INFORMATION</b><br><br>Full name<br>Date of birth<br>Nationality | Sandra Cristina Miranda Reis Lobo<br>3th of June 1966<br>Portuguese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>EDUCATION AND PROFESSIONAL QUALIFICATIONS</b>                             | <b>Master's Degree in Civil Engineering, Structural Specialization</b> , Instituto Superior Técnico, with the thesis: <i>Paramandric Study of the Behavior of Flexible Retaining Structures Subjected to Seismic Action</i> , awarded with a final grade of <b>17/20</b> in 2016.<br><br><b>Pre-Bologna Bachelor's Degree in Civil Engineering, Construction and Structures</b> , Instituto Superior Técnico (IST), Lisbon, awarded with a final grade of <b>15/20</b> in 1995.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ADDITIONAL TRAINING</b>                                                   | Participation in <b>ReSist Days – Training Cycle</b> , session entitled “ <i>How to Report a Geological Risk? The AGEO App</i> ”, 3 hours, 30 September 2022.<br><br>Fundec Course, <b>Design and Dimensioning of Tower Crane Foundations</b> , 5 hours, 9–10 May 2022.<br><br>IST Training, Professor João Paulo Correia Rodrigues, <b>Structural Safety and Fire Performance of Materials and the New Generation of Eurocodes</b> , November 2021.<br><br>Fundec Course, <b>Design, Dimensioning, and Execution of Solutions Using Driven Micropiles</b> , 6 hours, 28–30 July 2021.<br><br><b>Robot Structural Analysis Course</b> , Luso Cuanza – Soluções Informáticas, S.A., 22 hours, May 2018.<br><br>Professional Training – <b>Advanced BIM Training</b> , Teixeira Duarte – Engenharia e Construções, S.A., 27 hours, July 2017.<br><br><b>French Course, Intermediate Level B2</b> , EuroTrends, 90 hours, 2016.<br><b>French Course, Intermediate Level B1</b> , EuroTrends, 90 hours, 2014.<br><br><b>Robot Structural Analysis Course</b> , Luso Cuanza – Soluções Informáticas, S.A., 22 hours, May 2011.<br><br>Training on the <b>New Orthographic Agreement – Linguistic Changes</b> , CEFI – Centre for Studies and Philosophy of Science, Portuguese Catholic University, 15 hours, November 2011.<br><br>Training on <b>SCIE – New Fire Safety Regulation in Buildings</b> , Action Modulers – Consultores de Segurança, 10.5 hours, June 2011.<br><br><b>Advanced SAP2000 Training</b> , 20 hours, Oeiras, 25–29 October 2010.<br><br><b>Advanced Professional Training in AutoCAD 2D and 3D</b> , 21 hours, Oeiras, 4 December 2006 – 12 February 2007, Autodesk, Lusocuanza.<br><br>Training “ <b>Awareness of Quality Management Systems</b> ”, Lisbon, 28 May 2002, Bureau Veritas. |
| <b>PROFESSIONAL ASSOCIATIONS</b>                                             | <b>Senior Member and Geotechnical Specialist</b> of the Portuguese Order of Engineers, No. 36437.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AREAS OF EXPERTISE</b>                                                    | Geotechnical Projects, Retaining Walls, Foundations, Soil Treatment, Slope Stabilisation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>CURRENT POSITION</b><br><br>Jan 2024 - ....                               | Technical Director and Managing Partner of <b>OCEANING - Engenheiros Consultants, Lda.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>CONTACTS</b>                                                              | e-mail: <a href="mailto:sandra.reis@oceaning.pt">sandra.reis@oceaning.pt</a> phone: (+351) 91 465 3858                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|                                     | e-mail: <a href="mailto:sandra.reis@oceaning.pt">sandra.reis@oceaning.pt</a> ; phone:; internand: <a href="http://www.oceaning.pt">www.oceaning.pt</a> ;<br>tel: (+351) 217 780 088, (+351) 91 465 3858                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>LANGUES</b>                      | Portuguese (mother tongue), English and French.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>PROFESSIONAL EXPERIENCE</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| January 2024<br>March 2026          | Responsible for the <b>development of studies and design projects in the field of maritime and port engineering</b> , with a particular focus on: <ul style="list-style-type: none"> <li>• <b>Design and construction of quay and mooring structures</b> for commercial, recreational, and industrial ports.</li> <li>• <b>Assessment of the stability and performance of maritime embankments</b>, including analysis of slopes, retaining structures, and coastal protection systems.</li> <li>• <b>Project planning and technical supervision</b>, ensuring compliance with safety, environmental, and regulatory requirements.</li> <li>• Coordination of multidisciplinary teams in <b>geotechnical, structural, and hydraulic aspects of maritime projects</b>.</li> </ul>                                                                                                                                                                                                                                     |
| November 1996<br>December 2023      | Senior Civil Engineer within the Studies and Projects Department of the company Teixeira Duarte, Engenharia e Construções<br><br>Responsible for the development of studies and design projects in the field of geotechnical engineering and foundations, with expertise in: <ul style="list-style-type: none"> <li>• <b>Design of retaining structures</b>, including anchored retaining walls such as <b>cast-in-place walls, sheet pile walls, secant pile walls, diaphragm walls, and Berlin- and Munich-type retaining walls</b>.</li> <li>• <b>Slope stability and excavation support solutions</b>, including <b>nailed walls and other reinforced soil techniques</b>.</li> <li>• <b>Design of indirect foundations</b> and ground reinforcement solutions using <b>piles, micropiles, and jet-grout columns</b>, among other methods.</li> <li>• <b>Coordination of multidisciplinary teams</b>, ensuring effective collaboration across structural, geotechnical, and construction disciplines.</li> </ul> |
| Septembre 1995<br>Octobre from 2000 | Assistant in the Bachelor's Program in Civil Engineering at the <b>Universidade Independente</b> for the subjects of Structural Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Septembre 1995<br>Octobre from 2000 | Assistant in the Bachelor's Program in Civil Engineering at the <b>Universidade Lusófona Humanities and Technologies</b> for the subjects of Structural Analysis and Applied Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| January 1996<br>April 1996          | Collaboration at the <b>University of Pavia</b> , in Italy<br><br><b>Project funded by the European Community: "Cooperative Research on the Seismic Response of Masonry-Infilled Frames"</b> <ul style="list-style-type: none"> <li>• Participated in a <b>cooperative study on the seismic response of masonry-infilled reinforced concrete frames</b>.</li> <li>• Conducted an <b>analytical study of the influence of masonry walls</b> on the behavior of reinforced concrete structures subjected to horizontal (seismic) loads.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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| <p>March 1995</p> <p>Octobre of 1996</p> | <ul style="list-style-type: none"> <li>Performed <b>parametric analyses of structural models</b> using a <b>finite element program (ANSR – I, Mondkar and Powell, 1976)</b> to evaluate the interaction between masonry infills and frame behavior.</li> </ul> <p>Research Fellow in LNEC – Laboratório Nacional de Engenharia Civil   <a href="http://www.lnec.pt">www.lnec.pt</a></p> <ul style="list-style-type: none"> <li>Conducted <b>data processing and analysis</b> for a parametric study aimed at calibrating and verifying the current version of <b>EC8 (Eurocode 8)</b> applied to reinforced concrete structures, identifying potential areas for future code improvements.</li> <li>Performed <b>design and behavior analysis</b> of a series of buildings to study the interrelationship between EC8 design parameters and their influence on the <b>nonlinear response of structures under seismic loading</b>.</li> <li>Contributed to research publications in the <b>Journal of Structural Engineering</b></li> </ul> |
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**PROFESSIONAL EXPERIENCE**


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**PARTICIPATION IN  
TECHNICAL AND  
SCIENTIFIC ACTIONS**

- 12<sup>th</sup> Portuguese Coastal and Port Engineering Days, 6 and 7 November 2025, PIANC, Figueira da Foz
- Geotechnical Seminar in Maritime Works, 2-3 December 2024, APDL, Porto.
- 8th National Geotechnical Congress, from 14 to 17 May 2023.
- Commemorative Seminar of the 50th anniversary of the Portuguese Geotechnical Sociandy "Geotechnics as a Reference of Portuguese Engineering" - Civil Engineering Laboratory, Lisbon, Portugal, from 24 to 26 November 2022.
- 17th National Geotechnical Congress, 10th Luso-Brazilian Geotechnical Congress, 11th Meandering of Young Geotechnicians, from 14 to 17 November 2021.
- 2nd Geotechnical Seminar in transport (2SGT2019), SPG - Sociandy Portuguese of Geotechnics (Portuguese Geotechnical Sociandy), 01-2019;
- 16th National Geotechnical Congress, LREC - Laboratory Regional Engineering (Regional Engineering Laboratory) and SPG - Sociandy Portuguese of Geotechnics (Portuguese Geotechnical Sociandy), 05-2018;
- Robot Structural Analysis Course, Luso Cuanza - Solutions Computing, S.A., 22 hours, 05-2018;
- 1st Geotechnical Seminar in transport, SPG - Sociandy Portuguese of Geotechnics (Portrait Geotechnical Sociandy), 10-2017;
- Professional training course - Advanced BIM training, Teixeira Duarte - Engenharia e Construções, SA, 27 hours, 07-2017;
- French course, intermediate level B2, EuroTrends, 90 hours, 04-2016;
- French course, intermediate level B1, EuroTrends, 90 hours, 12-2014;
- 7th Luso-Mozambican Engineering Congress / IV Mozambique Engineering Congress, 04-2014;
- French course, elementary level A2, EuroTrends, 90 hours, 03-2013;
- 13th National Geotechnical Congress and VI Luso-Brazilian Geotechnical Congress, SPG - Sociandy Portuguesa de Geotechnics (Portuguese Geotechnical Sociandy), 04-2012;
- French course, elementary level A1, EuroTrends, 90 hours, 02-2012;
- Training session on the new agreement orthographic - linguistic modifications, CEFI - Centro de Estudos de Filosofia da Faculdade of Sciences Humanas da Universidade Catholic Portuguese (Centre for Philosophy Studies of the Faculty of Humanities of the Portuguese Catholic University), 15 hours, 11-2011;
- Training session on the SCIE - Novo regulamento of safandy against fires em buildings (New fire safandy regulation in buildings), Action Modulers - Consult of Safandy, 10.5 hours, 06-2011;
- Course of Autocad 2004-2007, recycling 2D/3D, Luso Cuanza - Software Solutions, S.A., 21 hours, 02-2007;
- - Awareness training session for quality management systems, Bureau Veritas, 4 hours.

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**STUDIES/PROJECTS**


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A short list of the main projects in each field is presented below, including on-site consulting and supervision projects. .

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**STRUCTURES**


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(2018) *Design of the Steel Suspension Structure for the Buildings Crossed Beneath by the Access Tunnel to the Bolhão Market, Porto* – City Hall of Porto

(2018) *Design Project of Reinforced and Prestressed Concrete Slabs for the New Facilities of the Family Welfare Building, Rua Formosa nº 35, Porto* – Associação de Socorros Mútuos

(2017) *Design Project of the Water Reservoir Structures of the Lucrécia Maternity Paím, Africa* – Imo Corporation, S.A., Luanda, Angola.

(2010) *Assessment of the Load-Bearing Capacity of the Bridge Connecting Mozambique Island to the Mainland, Mozambique*, ANE - National Road Administration, Mozambique

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|                    | <p>(2004) <i>Design Project of the snack-bar structure and terrace, integrated into the coastal protection work of Ponta do Sol Beach, OFM and Brothers Cavaco S.A., Funchal, Portugal.</i></p> <p>(2004) <i>Design Project of the Structural Works for the Technical Buildings at the Achada, Faial, and Galeria 2 Nodes, Integrated into the Faial-Cortado Tunnel Project – Regional Directorate of Roads of the Autonomous Region of Madeira, Funchal, Portugal</i></p> <p>(2002) <i>Design Project of the Roof Test Frame for the Schools of the Hospice Princesse Dona Maria Amélia – Pre-School and 1st Cycle, Funchal, Portugal</i></p> <p>(2002) <i>Design of the Roof Test Frame for the Roman Theatre Museum, Lisbon, Portugal.</i></p> <p>(2000) <i>Design Project of the Test Frame for the Tension Load Test of an 800 mm Diameter Pile at the Biological Reactor of the Municipal Sewage System of the Ria de Aveiro, Aveiro – SIMRIA (Integrated Municipal Sanitation of the Ria), Aveiro, Portugal</i></p> <p>(2000) <i>Design Project of the Link Bridge Structure between the Corroios Terminal and the West Parking, Integrated into the North–South Crossing Project, Lot E008A, National Railway Network – REFER, Corroios, Portugal</i></p> <p>(1999) <i>Design Project of gas, fire water, potable and irrigation reservoirs integrated into the Hotel" Ocean-Park, Funchal, Dorisol Hotel Group, Funchal, Portugal.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>FOUNDATIONS</b> | <p>(2022) " <i>Design Project of Foundation for the Cimbres of PS 125-1, Construction of the Track and the Overhead Line between Évora and Elvas – Infraestruturas de Portugal, S.A.</i></p> <p>(2022) <i>Design Project of Foundation for the Cimbres of PS 120-1, Construction of the Track and the Overhead Line between Évora and Elvas – Infraestruturas de Portugal, S.A.</i></p> <p>(2022) " <i>Design Project of Foundation for the Cimbres of the Bridge over the River" Degebe, Construction of the Track and the Overhead Line between Évora and Elvas – Infraestruturas de Portugal, S.A.</i></p> <p>(2022) <i>Design Project of Foundation for the Cimbres of PI 121-1, Construction of the Track and the Overhead Line between Évora and Elvas – Infraestruturas de Portugal, S.A.</i></p> <p>(2022) <i>Foundations and Structure Proposal for the silo complexes, galleries and buildings of the St Jorge Milling Centre, Viana Luanda, Angola" – Trigola.</i></p> <p>(2021/2022) <i>Design Project of Foundation for the Blocks A, B, C, D, E, F, O, R of the Hospital of" Cacucaco, Luanda, Angola Alkra Technologies FZ-LC VAMED Engineering Deutschland Ltd.</i></p> <p>(2021) <i>Foundation Reinforcement, Micropiles Proposal of the Ecocentre of" Ovar, Ovar–Town Hall of Ovar.</i></p> <p>(2020) <i>Design Project of Foundation and Structure of the silo complexes, technical galleries and buildings of the Foodtec, Execution Works of the Grain Storage Silos, Viana, Luanda, Angola – Higatec Ltd, Execution Works.</i></p> <p>(2020) <i>Design Project of Piles and Micropiles for the Buildings Berlin I and II – Phase 1, Avenue Berlin , Lisbonne – Enigmacrópole, Ltd.</i></p> <p>(2018) <i>Design Project of the Indirect Foundations and foundation slab for the New Family Welfare Facilities, Rua Formosa n° 35, Porto – Associação de Socorros Mútuos.</i></p> <p>(2017) <i>Design Project of the Indirect Foundations for Lot 3.23.02, Parque" das Nations, Lisbonne - Imocolumbia - Real Estate Company, S.A.</i></p> <p>(2012) <i>Design Project of the Indirect Foundations of the National Technological Institute of Hydrocarbons in Equatorial Guinea - Armando Cunha, S.A.</i></p> <p>(2009) <i>Design Project of Micropiles, of the MA-65 – 6th Continuous Flow Line," Siderurgia Nacional "da Maia, Lúcio – Engineering and Construction, Maia, Portugal.</i></p> <p>(2007) <i>Design Project of Micropiles of the Leclerc Supermarket, Braga Britalar – Constructions S.A., Braga, Portugal.</i></p> |

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|                        | <p>(2005) <i>Design Project of the Indirect Foundations and Foundation Slab for the Elysée Tower Building, Luanda</i>, SPFA- Sociedade da Participação Angola, Luanda, Angola.</p> <p>(2004) " <i>Design Project of the Indirect Foundations of the Sports Hall of the EB 2,3 School of Porto Pinheiro</i>," Odivelas, MRG – Engenharia e Construção S.A., Lisbon, Portugal.</p> <p>(2004) <i>Design Project of the Foundation Slab for the Urbanization Near Nora, Coimbra</i> – Progresso Construções, Coimbra, Portugal.</p> <p>(2004) <i>Design Project of the Indirect Foundations for residential buildings, lots 28, 29, 30 and 31 on Avenida Elísio Moura</i>, Fernando Lopes Simões, Coimbra, Portugal.</p> <p>(2004) <i>Design Project of Micropiles, integrated into the Bridge Reinforcement Project of "Asseca, Vale de Santarém</i>, IEP – Institute of Estradas of Portugal.</p> <p>(2004) <i>Design Project of Micropiles Integrated into the Rehabilitation and Widening of the Bridge over the Alcobre Stream</i> – António Simões Rodrigues &amp; Filhos, Lda., Portugal.</p> <p>(2003) <i>Design Project of the Indirect Foundations</i>, for a group of 7 buildings at Lugar de Telheiras – Manhande, J. Araújo e Peixoto S.A</p> <p>(2002) <i>Design Project of the Indirect Foundations of Lot 42 of the Nova Leiria Urbanisation</i>, Leira Construções Véstia, Lda., Leira, Portugal.</p> <p>(2002) " <i>Design Project of the Indirect Foundations for lot 3.06.01 of the Parque" das Nations, Navegador, Lisbon</i>" CRL, Lisbon, Portugal.</p> <p>(2000) " <i>Design Project of the Indirect Foundations for the Upper Passage, at the intersection of" the road National/109 with the Ex-road National nº 235, Town Hall of Aveiro, Aveiro, Portugal.</i></p> <p>(2000) <i>Design Project of the Indirect Foundations for the Extension of the Installations of the Margarine Factory FIMA- Factory Imperial de Margarine Ltd.</i>, Santa Maria da Azóia, Lisbon, Portugal.</p> <p>(2000) <i>Design Project of the Indirect Foundations for a Residential and Commercial Building in Vila Nova de Famalicão, F.P.F.</i> – Real estate agency, Lda., Vila Nova de Famalicão, Portugal.</p> <p>(1999) <i>Design Project of the Indirect Foundations for a Single-Family House, Campo de Padrão - Quintéis, Braga</i> – Mr. António Gomes da Costa, Braga, Portugal.</p> <p>(1999) <i>Design Project of the Indirect Foundations for the Surgery Service Cardiothoracic "of the Hospitals of the University of Coimbra, Coimbra", Ministry of Health, G.G.I.E.S. – D.R.L.E.S.C.</i>, Coimbra, Portugal.</p> <p>(1999) <i>Design Project of the Indirect Foundations for Sports Hall of Pedro Alexandrino Secondary School at Póvoa of Santo Adrião</i> Tensor-Construction Civil, Lda., Lisbon, Portugal.</p> <p>(1998) <i>Design Project of the Indirect Foundations for a Building, S. João of Vêr, Santa Maria da Feira</i>, Rocha Tavares e Ribeiro Lda., Santa Maria da Feira, Portugal.</p> <p>(1997) <i>Design Project of the Indirect Foundations for a Multifamily Residential Building, Maia</i>, José Ferreira Cavadas, Maia, Portugal</p> |
| <b>RETAINING WALLS</b> | <p>(2023) <i>Design Project of Excavation and Retaining Wall for the construction of the stormwater pumping station PS2, Viana, Luanda, Angola</i> - Omatapalo, Engineering and Construction S.A.</p> <p>(2022/2023) " <i>Foundation Excavation and Retaining Wall Proposal for a hotel establishment, Terminal K, corner of Avenida Infante D. Henrique 4-12 with Rua Jardim do Tabaco 19-39, Lisbon</i>" - OpylonKrea.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

- (2022) *Excavation and Retaining Wall Proposal for the Sana Evolution hotel, corner of Avenida da República, nº 481, with Rua Luís de Camões, Vila Nova de Gaia - IntraDouro - Investimentos Turísticos, S.A.*
- (2022) *Excavation and Retaining Wall Proposal for the Quartel de São Brás, Rua de São Brás, Porto" - Imperial White - Real Estate Promotion and Construction Company, Ltd.*
- (2022) *Foundation and Retaining Wall Proposal for a Hotel Establishment, Terminal K, Corner of Avenue Infante D. Henrique 4-12 with Rua Jardim do Tabaco 19-39, Lisbonne" – OptylonKrea.*
- (2022) *Excavation and Retaining Wall Proposal for the Sana Evolution Hotel, corner of Avenida da República, nº 481 with the Rua Luís de Camões, Vila Nova de Gaia IntraDouro – Tourist Investments, S.A.*
- (2021) *Excavation and Retaining Wall Proposal for lots 1 and 2 of Parque dos Cisnes, Miraflores, Oeiras" - COM-ECP XIV, Unipessoal, Lda – Phase I/II.*
- (2020) *Excavation and Retaining Wall Proposal for lots 3.22, Parque das Nações, Lisbon - Theoretical Motivation Lda.*
- (2020) *Foundation and Retaining Wall Proposal, for the building and the hotel, Avenida Infante D. Henrique nº 88/104, Xabregas, Lisbon - Stone*
- (2020) *Excavation and Retaining Wall Proposal for the residential and commercial building, Matosinhos - Area But - Investments Real Estate, Lda.*
- (2020) *Excavation and Retaining Wall Proposal for the restaurant and the water mirror, seafront of the city of Lisbon, near the Terreiro do Paço - Lisbon Tourism Association*
- (2019/2020) *Excavation and Retaining Wall Proposal for the Pacaembú Municipal Stadium, Bairro Pacaembú, São Paulo, Brazil, - Progen, Projetos Gerenciamento Engenharia, S.A.*
- (2019) *Excavation and Retaining Wall Proposal for the MS Hotel, Rua de Marques Gomes Aveiro - A. Pimenta, Construções Lda.*
- (2019) *Excavation and Retaining Wall Proposal for the lower passage Node A2-IC20 - Branches C and D which connects Almada to Caparica, Almada - AEBT, Auto-Estrada do Baixo Tejo S.A.*
- (2019) *Design Project of Excavation, Retaining Wall and Suspended Façade of the residential building located at Calçada das Necessidades nº8-10, Lisbon - Prosperdynasty - Unipessoal, Lda.*
- (2018) *Excavation and Retaining Wall Proposal for the Promenade building, Lisbon - Cari Construções, S.A.*
- (2018) *Foundation Excavation and Diaphragm Retaining Wall for the Business Park, lots 1, 2, 3, Parque das Nações, Lisbon- Fimes Oriente, Fundo de Investimento Imobiliário Fechado.*
- (2018) *Excavation and Retaining Wall Proposal for the access tunnel to the Marché du Bolhão, Porto - Câmara Municipal do Porto*
- (2018) *Excavation and Retaining Wall Proposal for the pumping station of the ANDAR of Canoas, Bogota - OHL - Obrascon Huarte Lain S/A.*
- (2018) *Excavation and Retaining Wall Proposal for the shop and offices of Casa Peixoto, Lisbon - Casa Peixoto*
- (2018) *Design Project of Excavation and Retaining Wall of the Condominium Avenida de Sabóia 914, Estoril - Condominium of Avenida de Sabóia nº 914.*
- (2018) *Foundation and Retaining Wall proposal for the hotel Indian, hotel and business centre, Maputo - Barqueiros Lda*
- (2018) *Excavation and Retaining Wall Proposal for the Caroubier building, Algiers - ANDRHB HADDAD.*

- (2017) *Foundation and Retaining Wall Proposal for the Ludovice Palace, Rua de São Pedro de Alcântara 39, 1250-237 Lisbon*
- (2017) *Design Project of Excavation and Berlin type Retaining Wall for Lot 3.23.02, Parque das Nations, Lisbon - Imocolumbia - Sociedade Imobiliária, S.A.*
- (2017) *Design Project of Excavation and Berlin-Type Retaining Wall with Anchored and Shotcrete Slopes for the Underground Parking of Palacete Henrique Mendonça, Rua Marquês da Fronteira nº 18, Lisbon – Reinforced and Anchored Slopes – Ismaco Development, Unipessoal.*
- (2017) *Design Project and Berlin type Retaining Wall of the residential building Monte Estoril Ocean Residence, Avenida de Sabóia, Estoril, Portugal Monestoril Investments Ltd.*
- (2018) *Fondation, Excavation and Retaining Wall Proposal for the hotel Índico, hotel and business centre, Maputo - Barqueiros Lda*
- (2018) *Excavation and Retaining Wall Proposal for the Caroubier building, Algiers - ANDRHB HADDAD.*
- (2017) *Fondation, Excavation and Diaphragm Retaining Wall Proposal for the Palace Ludovice, Rua de São Pedro de Alcântara 39, 1250-237 Lisbon*
- (2017) *Design Project of Excavation and Berlin type Retaining Wall for Lot 3.23.02, Parque das Nations, Lisbon - Imocolumbia - Sociedade Imobiliária, S.A.*
- (2017) *Design Project. Excavation and Berlin type Retaining Wall for the underground parking of the Palace Henrique Mendonça, Rua Marquês da Fronteira nº 18, Lisbon - Reinforced and Anchored Slopes – Ismaco Development, Unipessoal.*
- (2017) *Design Project. of Excavation and Berlin type Retaining Wall of the residential building Monte Estoril Ocean Residence, Avenida de Sabóia, Estoril, Portugal – Monestoril Investimentos Lda.*
- (2018) *Foundation, Excavation and Retaining Wall Proposal for the Hotel Índico, Hotel and Business Centre, Maputo" – Barqueiros Ltd.*
- (2018) *Excavation and Retaining Wall Proposal for the Caroubier Building, Algiers - ANDRHB HADDAD.*
- (2017) *Foundation, Excavation and Retaining Wall Proposal for the Palace Ludovice, Rua de São Pedro de Alcântara 39, 1250-237 Lisbon*
- (2017) *Design of Excavation and Diaphragm Retaining Wall of Lot 3.23.02, Parque das Nations, Lisbon -Berlin of Madeira - Imocolumbia - Real Estate Company, S.A.*
- (2017) *Design of Excavation and Retaining Walls for the Underground Parking of Palacete Henrique Mendonça, Rua Marquês da Fronteira nº 18, Lisbon – Reinforced Slopes and Anchored Walls – Ismaco Development, Unipessoal.*
- (2017) *Design Project. of Excavation and Berlin Tpe Retaining Wall for the Building Monte Estoril Ocean Residence, Avenida de Sabóia, Estoril, Portugal – Monestoril Investimentos Lda.*
- (2017) *Design Project of Excavation and Secant Pile Retaining Wall for the New Substation of Maspandh Avenue, Canarsie Line (BMT) and Rehabilitation of Switchgear Houses 85 and 86, New York – EIC Associates, Inc.*
- (2017) *Design Project of Foundation, Excavation and Diaphragm Retaining Wall of apartments & spa, related to the Cegonha Hotel company at Rua do Alto do Pina, Carvalhal, Comporta, Portugal – Palco dos Desejos, Lda.*
- (2017) *Excavation and Sheet Pile Retaining Wall Proposal of the C Dam of Piaçaguera, in Cubatão, São Paulo, Brazil – VLI Multimodal S.A.*

- (2016) *Design Project of Excavation and Diaphragm Retaining Wall of the Hospital Cuf "Tejo, Lisbon", Imo Health – Real Estate Investments Unipessoal, Lda.*
- (2016) *Design Project of Excavation and Diaphragm Retaining Wall of the HTC Building – High Tech Tower, Luanda - Angola, Africa Imo Corporation.*
- (2015) *Foundation, Excavation and Retaining Wall Proposal, Habitation and Commerce Building, Avenida Sansão da Muthemba, 887, Polana Quarter – Maputo – Mozambique – Steffanuti Stock.*
- (2015) *Design Project of Excavation and Diaphragm Retaining Wall of the Media Temps Group Building, Business District of Algiers, Grupo ANDRHB, Algeria.*
- (2014) *Design Project of Excavation and Diaphragm Retaining Wall of the building Acacias do Maculusso, Luanda, Grupo Vitória Régia, Angola.*
- (2013) *Design Project of Excavation and Secant Pile Retaining Wall of the New Banking Complex on Avenida Ali Khodja in Algiers, Algeria, AGB – Gulf Bank, Algeria.*
- (2013) *Design Project. of Excavation and Berlin type Retaining Wall of the Multi-use Building / Technological Complex, Rua Nicolau Gomes Spencer, Maculusso, Luanda, IURD – Igreja Universal do reino de Deus, Angola.*
- (2013) *Design Project of Excavation and Diaphragm Retaining Wall of the Julius Nyerere Building 130 on Julius Nyerere Avenue, Maputo, Teixeira Duarte Engineering e Construction Mozambique Lda, Mozambique.*
- (2012) *Design Project. of Excavation and Diaphragm Retaining Wall, using the "Top-Down" method and pile foundations of the Kwanza Building at the corner of Rainha Ginga and Rua Rui de Sousa, Luanda, Rui Ribeiro Angola – Construções S.A., Angola.*
- (2012) *Design Project of Excavation and Diaphragm Retaining Wall of the Building Coqueiros Prestige Office in Travessa Martinho da Samba, Luanda, Rui Ribeiro Angola – Construções S.A. Angola.*
- (2012) *Design Project of Excavation and Diaphragm Retaining Wall of the Building Space on Rua Nossa Senhora da Muxima, Luanda, Teixeira Duarte Engineering e Construction Angola, Angola.*
- (2012) " *Design Project of Excavation and Diaphragm Retaining Wall of the Condominium Residential – Blocks A and B in the Galhardas subdivision at São Domingos de Benfica, Lisbon, TDF – Sociedade Gestora de Fundos of Investimento Real Estate S.A., Lisbon, Portugal.*
- (2011) " *Design Project of Excavation and Diaphragm Retaining Wall of the Building Masterkwanza in the Maculusso neighbourhood, Ingombotas", Angola.*
- (2011) *Design Project of Excavation and Diaphragm Retaining Wall of the Building Somatek on the Avenue Lenine, Luanda Somague Engenharia Angola, Angola.*
- (2010) *Design Project of Excavation and Diaphragm Retaining Wall of the Installation Chamber of the Tide Gate on Rua do Terreiro do Trigo, Lisbon, Simtejo – Saneamento Integrado dos Municípios do Tejo e Trancão, S.A. Lisbon, Portugal*
- (2010) *Design Project of Excavation and Secant Pile Retaining Wall of the Housing Boumerdès, Algiers, Algeria, Cosider OA, Algeria*
- (2010) *Design Project of Excavation and Diaphragm Retaining Wall of the building Lenine, at the corner of Avenida Lenine with Rua Manuel Bernardo, Luanda, Somague Engenharia Angola, Luanda.*
- (2010) *Design Project of Excavation and Retaining Wall in Berlin Wall of the Housing and Service Building at the corner of Avenida Santa Joana and Avenida Araújo Silva, Aveiro, Habivenda Construções S.A., Aveiro, Portugal.*

- (2010) *Design Project of Foundation, Excavation and Berlin type Retaining Wall of Lot 13 of Lagoas Park, Porto Salvo*, TDF – Sociedade de Gestão de Fundos Imobiliários, Oeiras, Portugal.
- (2009-2010) *Design Project of Foundation, Excavation and Diaphragm Retaining Wall of the Building Maravilha, at the corner of Rua Nossa Senhora da Muxima with Avenida Marechal Tito, Kinaxixe, Luanda*, Consórcio PWC, OPCA e Carlos Madaleno, Luanda
- (2008) "Design Project. of Excavation and Diaphragm Retaining Wall of the Housing and Commercial Building, Avenida Porto de Pesca, Peniche", NICIM – Sociedade de Construções, Lda., Peniche, Portugal.
- (2008) *Design Project of Excavation and de Diaphragm Retaining Wall of Lot 34, Habitation and Commerce Building located on Rua José Afonso, Aveiro*", Alcides da Silva Henriques, Aveiro, Portugal.
- (2008) *Design Project of Excavation and Berlin type Retaining Wall of des Stations of Pumping of Verdelha and "from Sobralinho to Póvoa de Santa Iria*, Multimunicipal Water Sanitation System of the Municipalities of the Tejo and Trancão, Vila Franca de Xira, Portugal.
- (2008-2010) *Design Project, of Foundation, Excavation and Diaphragm Retaining Wall of the Coqueiros Building, Luanda*, Teixeira Duarte Angola G.P.II. S.A, Luanda, Angola
- (2007) *Design Project, of Foundation, Excavation and Diaphragm Retaining Wall of the building Inacom Headquarters*, Luanda Inacom, Luanda, Angola.
- (2007) *Design Project of Excavation and Berlin type Retaining Wall of the Tudor Building*, Algés, Lisbon, Centro Cerro, Algés, Portugal.
- (2007) *Design Project of Foundation, Excavation and Diaphragm Retaining Wall of the Kimpa Vita Building, Rua Joaquim Kapango, Luanda*, Siccal - Sociedade Industrial e Comercial de Construções Andrades, Lda., Luanda, Angola.
- (2006) *Design Project of Excavation and Berlin type Retaining Wall of Lots 54 to 58 of the Urbanisation of Quinta de Fitaes, Rinchoa - Sintra*, Tecniger S.A. and Carul S.A, Sintra, Portugal.
- (2006) *Design Project of Excavation and Diaphragm Retaining Wall of the building Soima, Rua Katiavala, Luanda*, Soima, Luanda, Angola.
- (2006) *Design Project of Excavation and Diaphragm Retaining Wall of a building located at the corner of Avenida da República with the streands Brito e Cunha, Matosinhos*, Novandar – Empreendimento Imobiliário Lda., Matosinhos, Portugal.
- (2006) " Design Project of Excavation and Berlin type Retaining Wall "of the Parking Largo Julius Futchik, Luanda", SPFA – Sociedade de
- (2005) *Design Project of Excavation and Berlin type Retaining Wall of a Housing Building, Vale de Santa Rita, São João do Estoril*, OCEOP – Oeiras Construction of Buildings and Public Works, Cascais, Portugal.
- (2005) *Design Project of Excavation and Retaining Wall of the Municipal Markand of Guimarães, Cari* – Casimiro Ribeiro & Filhos, Lda., Guimarães, Portugal.
- (2005) *Design Project of Excavation and Berlin type Retaining Wall of a Collective Housing Building, at the corner of Rua Luciano Freire and Travessa da Memória, Ajuda*, Sociedade de Construções Azul Ferreira & Irmão Lda., Lisbon, Portugal.
- (2005) *Design Project of Excavation and Berlin type Retaining Wall of the Day Centre of São José, Calçado do Moinho de Vento, Lisbon*, PERI-Engenharia e Construction S.A., Lisbon, Portugal
- (2005) *Design Project of Excavation and Belin type Retaining Wall of the parking building of the BCP on Avenida Estados Unidos da América*, Lisbon, Banco Comercial Português, Lisbon, Portugal.

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|                        | <p>(2004) <i>Design Project of Excavation and Retaining Wall in a Secant Pile Wall anchored on the A27 Estorões-Ponte de Lima (IP1/A3) Km 6+397 and Km 6+630/6+720 – Scut do Norte Litotal, Ferrovia, Agroman, S.A., Portugal.</i></p> <p>(2005) <i>Design Project of Excavation and Berlin type Retaining Wall of Lot 14 of the Gaia Nova project, V8 - Gestion Immobilière, Vila Nova de Gaia, Portugal.</i></p> <p>(2004) <i>Design Project of Excavation and Retaining Wall of the East building of the new intermodal station of Campanhã, Porto, OFM-Obras Públicas Ferroviárias e Marítimas S.A., Porto, Portugal.</i></p> <p>(2004) <i>Design Project of Excavation and Retaining Wall building 7 of the Instituto Politécnico de Lisboa, Lisbon, ISEL, Portugal.</i></p> <p>(2004) <i>Design Project of Excavation and Retaining Wall of a residential and commercial buildings, Rua Direita/ Glicínias, Aveiro, Martins e Bastos, Imóveis, Lda., Aveiro, Portugal.</i></p> <p>(2004) <i>Design Project of Excavation and Berlin type Retaining Wall of the residential and commercial building at the corner of Avenida Drº Lourenço Peixinho and Rua Engº Oudinot, Aveiro, Ribeiro Escala e Construções, Lda., Aveiro, Portugal.</i></p> <p>(2003) <i>Design Project of Excavation and Secant Pile Retaining Wall for Forum Oeiras Lot 1, TDF - Société de Gestion de Fonds Immobiliers, Oeiras, Portugal.</i></p> <p>(2003) <i>Design Project of Excavation and Secant Pile Retaining Wall for the car park on João de Deus Streand in São João da Madeira, C.P.E.- Companhia de Parques de Parking, S.A.</i></p> <p>(2001) <i>Design Project of Excavation and Secant Pile Retaining Wall for the construction of the anti-foam chamber structures of the Mutela treatment plant, Almada, SMAS- Serviços Municipalizados de água e Saneamento de Almada, Almada, Portugal.</i></p> <p>(2001) " <i>Design Project of Foundation, Excavation and Retaining Wall of a building on João Machado, nº21-23, Coimbra, Srº Adriano Lucas dos Santos, Coimbra, Portugal.</i></p> <p>(2001) <i>Design Project of Excavation and Retaining Wall of the Oudinot building, at the corner of the Av. Dr. Lourenço Peixinho with the Engineer Streand Oudinot and the Rua Comandante Rocha da Cunha, Oliveira e Figueiredo Lda., Aveiro, Portugal.</i></p> <p>(2000) <i>Design Project of Excavation and Secant Pile Retaining Wall for the parking of Ponte de Lima, Sá Machado Filhos S.A., Ponte de Lima, Portugal.</i></p> <p>(1999) <i>Design Project of Excavation and Secant Pile Retaining Wall of a residential and commercial building on Avenida da República in Vila Nova de Gaia, Cociga S.A., Vila Nova de Gaia, Portugal.</i></p> <p>(1999) <i>Design Project of Excavation and Berlin type Retaining Wall of Lot A- blocks A1 to A8, Rego, Lisbon, City Council of Lisbon - Department of Construction and Housing, Lisbon, Portugal.</i></p> |
| <b>RETAINING WAALS</b> | <p>(2024) <i>Design Project of Retaining Walls of the Maritime Promenade of Oeiras, Oeiras, Portugal.</i></p> <p>(2009) <i>Design Project of Retaining Walls, national road EN248-3 at Sº João dos Montes, Town Hall of Vila Franca de Xira, Portugal.</i></p> <p>(2008) <i>Design Project of Retaining Walls of the Maison de la Culture and the Centr da Juventude of Santana, Madeira, Regional Secrandariat of Social Equipment and Environment, Madère, Portugal.</i></p> <p>(2006) <i>Design Project of the Retaining Wall around the defensive driving track, municipality of Cacuaco, Sonangol, Angola.</i></p> <p>(2004) <i>Design Project of the Retaining Walls, Integrated into Section 3 of the Light Metro of the South Bank of the Tagus, between Km 11+255 and Km 11+590, Laranjeiro – Metroligeiro ACE, Portugal.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | <p>(2000) <i>Design Project of the Retaining Walls along Avenida Lusíada in Lisbon, integrated into the Galhardas subdivision</i>, BCP – Fundos Imobiliários, S.A., Lisbon, Portugal.</p> <p>(1999) <i>Design Project of Rehabilitation of Retaining Walls of the National Medical Centre, Lumiar, Lisbon</i>, Portugal.</p> <p>(1998) <i>Design Project of Retaining Walls integrated into the project of the Santa Apolónia road viaduct</i>, Lisbon, Refer – Rede Ferroviária Nacional, E.P., Lisbon, Portugal.</p> <p>(1998) <i>Design Project of the Retaining Walls of the wing of Upper Bridge 3 of the Sintra Line</i>, integrated into the Overall Development Project of the Queluz-Massamá Interface, Refer – Rede Ferroviária Nacional, E.P., Lisbon, Portugal.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>STABILISATION AND PROTECTION OF SLOPES</b> | <p>(2023) <i>Design Project of Stabilization of the Excavation Slope</i>, Rua Sacadura Cabral, Dafundo, Oeiras- Town Hall of Oeiras.</p> <p>(2021) <i>Proposal of Stabilization of the slope at Makro Alfragide</i>, Rua Quinta do Paizinho 1, Carnaxide, Oeiras Makro, S.A.</p> <p>(2004) <i>Design Project for the Stabilization of the Excavation Slope for the Construction of the New Judicial Police Headquarters</i> in Caxias.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>SOIL TREATMENTS</b>                        | <p>(2018) <i>Proposal for Soil Improvement at the STF Cold Storage Complex</i>, Malanje – WM Constructions Ltd.</p> <p>(2010) <i>Soil Improvement Design using 600 mm Diameter Concrete Columns</i> – Maravilha Building, located at the corner of Rua Nossa Senhora da Muxima and Avenida Marechal Tito, Kinaxixe, Luanda, Angola..</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MARITIME WORKS</b>                         | <p>(2026) <i>Preliminary Design of the Trestle, Jetty and Mooring Dolphins, Angola Soyo Amufert Fertilizer Project</i> – OBSL Engineering.</p> <p>(2026) <i>Participation in the Design of a Floating Berthing Pier for Small-Scale Fishing Vessels at the Matosinhos Fishing Port</i> – Docapesca.</p> <p>(2025) <i>Participation in the Detailed Design of the Floating Berthing Pier for Small-Scale Fishing Vessels at Peniche Fishing Port</i> – Docapesca.</p> <p>(2025) <i>Participation in the Design of the Rehabilitation of the Nazaré Submarine Outfall</i> – Etermar, Engenharia S.A.</p> <p>(2025) <i>Participation in the Design of Foundation Protection for the Caisson Base of the Molhe-Cais and Counter-Breakwater, and the Reconfiguration of the Berthing Basin at Calheta Marina, São Jorge Island, Azores</i> – Tecnovia Madeira – Sociedade de Empreitadas, S.A.</p> <p>(2025) <i>Preliminary Study, Preliminary Design and Detailed Design of the Structures Required for the Repair of the 42" Pipeline at the Malongo Terminal Oil Export (MTOE), Cabinda</i> – CABGOC, Cabinda Gulf Oil Company.</p> <p>(2025) <i>Preliminary Study, Preliminary Design and Detailed Design of the Travel Lift Circulation Structure, Vilamoura Marina</i>.</p> <p>(2024) <i>Preliminary Study for the Ouro Marina, Porto</i> – APDL.</p> <p>(2024) <i>Preliminary Design of Long-Term Coastal Protection Solutions: Sedimentation Jetty, Coastal Stabilization Jetty and Artificial Beach Nourishment, Malongo, Cabinda</i> – CABGOC, Cabinda Gulf Oil Company.</p> <p>(2024) <i>Preliminary Study and Detailed Design of the Jetty at Sendou-Bargny, Senegal</i> – Secowa.</p> |
| <b>PUBLICATIONS</b>                           | <p><b>Coauthor of the following publications</b> at national and international scientific meandings.</p> <ul style="list-style-type: none"> <li>• Xavier, B., Reis, S., Pina J. (2010) "<b>Technological Innovations in Foundation Engineering</b>", in COBRAMSEG 2010 - V Luso-Brazilian Geotechnical Congress,</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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| Dissertation | <p>Gramado, Brazil, Brazilian Association of Soil Mechanics and Geotechnical Engineering, pp. 31-41.</p> <ul style="list-style-type: none"> <li>• Coelho Ema ; Reis Sandra, October 1995. <b>Non-linear seismic response of reinforced concrete structures designed according to EC2 and EC8 for different levels of ductility and different design intensities.</b></li> </ul> <p><b>Author of the following publications</b> at national and international scientific meetings</p> <ul style="list-style-type: none"> <li>• Reis, Sandra; Xavier, Baldomiro (2023). <b>Construction of an Access Tunnel for Vehicles to the Bolhão Market</b> in the 18th National Geotechnical Congress, May 14–17, 2023</li> <li>• Reis, Sandra; Xavier, Baldomiro (2021). <b>Structural Reinforcement of a Retaining Wall</b>, in 17th National Geotechnical Congress, 10th Luso-Brazilian Geotechnical Congress, 11th Meeting of Young Geotechnical Engineers, November 14–17, 2021.</li> <li>• Reis, Sandra; Xavier, Baldomiro (2018). <b>Excavation and Perimeter Retaining Works at the CUF Tejo Hospital</b> – Lisbon,” in 16th National Geotechnical Congress, 6th Luso-Spanish Geotechnical Meeting, May 27–30, 2018.</li> <li>• Reis, Sandra, Xavier, Baldomiro; (2018) <b>Excavation and Perimeter Retaining Works at the High Tech Tower Building, Luanda, Angola,</b> in 16th National Geotechnical Congress, 6th Luso-Spanish Geotechnical Meeting, May 27–30, 2018.</li> <li>• Reis, Sandra, Bento, Nuno; Xavier, Baldomiro, (2014) <b>Foundation in Pile-Raft, Excavation and Diaphragm Retaining Wall of the Buildings of the Bank of Mozambique, Maputo</b>, at the IV Mozambique Engineering Congress, from 14 to 18 April.</li> <li>• Reis, Sandra, Xavier, Baldomiro; (2014) <b>Excavation and Diaphragm Retaining Wall of the Julius Nyerere building no. 130, Maputo, Mozambique</b>, at the 4th Mozambique Engineering Congress, from 14 to 18 April.</li> <li>• Reis, Sandra; Pedrosa, Gabriela (2012) <b>Excavation and Secant Pile Retaining Wall in Wilaya - Algeria: historical case</b>, at the 13th National Geotechnical Congress, from 15 to 19 April in Lisbon, Portugal, of the Portuguese Geotechnical Society.</li> </ul> <p>Reis, S. (October 2016). <b>Parametric Study of the Behaviour of Flexible Retaining Structures</b>. Dissertation submitted for the award of a <b>Master's Degree in Civil Engineering</b> at the <b>Technical University of Lisbon, Instituto Superior Técnico, Portugal</b>.</p> |
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Lisbon, March 2026