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Sketching For Engineers And Architects (English Labouring-Class Poets, 1700 1900)



Synopsis

Using real working drawings from a 50 year career, Ron Slade shows how drawing remains at the heart of the design process in the everyday working life of engineers and architects. The book explains simple techniques that can be learnt and used to enhance any professional's natural ability. Using over 180 categorised examples it demonstrates that drawing remains the fastest, clearest and most effective means of design communication. Unlike many other books on drawing in the construction industry, this book is an engineer led and science oriented but effectively shows that there is a close affinity between the working methods of architects and engineers.

Book Information

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Customer Reviews

'Good engineers think, design and communicate through their sketches. A thoughtfully hand-drawn sketch offers a wonderfully efficient and immediately satisfying way for expressing the core concepts of a design. In fact, many problems and solutions do not reveal themselves until drawings are made from different viewpoints. The very act of drawing can help clarify the fabrication sequence and constructability of a complex design. Ron's wonderful sketches are a delight to the eye and the mind. I can think of no better recommendation to my undergraduate and postgraduate structural engineers than that they obtain a copy and cherish this delightful book.' - Roger Crouch, Professor and Dean, School of Mathematics, Computer Science and Engineering, City University, London, UK 'Busy with 21st century technology, we run the risk of losing our mother-tongue:

Sketching. Ron Slade's book Sketching for Engineers and Architects is a must-have for all aspiring design and construction leaders in the building industry. This book is a treasure chest overflowing with creative engineering sketches and easy-to-understand drawing concepts. We are inspired and patiently guided to set aside our computers more often and pick up our pencils to organize, explore and communicate our ideas.' - Gregory Brooks, Senior Lecturer, Architectural Engineering, The University of Texas at Austin, USA

Ron Slade is Structural Director at WSP | PB&A Group. Ron received his B.Sc. First Class Honours in Civil Engineering at City University, London and became a chartered member of the Institution of Structural Engineers in 1971 when he was awarded the Institution's A. E. Wynn prize. He was first appointed as a director in 1982.

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