2007 Reading Lists: 
Technical Studies: Diploma

This reading list has been given to the library by a unit tutor or is compiled from the 2006/7 Course Booklet. We have placed the list on the internet in the form that we received it. Please note that the library does not necessarily hold all the books included on this reading list and that only a percentage of items maybe held on the unit Programme Shelf. For location details please consult the library catalogue.

Simon Beames
Buckminster Fuller _ critical path and ‘www.the World Game Institute’
Amery Lovins _ The Natural capitalism and Factor Four
Lightness _ Adriaan Beukers
Victor Papanek _ The Green Imperative and Design for the real world
Fritjof Capra _ The Turning Point
Samuel Mockby _ Rural Studio
Andrea Campagno _ Intelligent Facades
Kallicott _ Computer Aided Manufacturing in Architecture
D.Kirkland _ Innovation in Architecture
Shelter
JE Gordon _ Structures and Materials

Wolfgang Frese
An Engineer imagines, Peter Rice Artemis 1993
Buckminster Fuller, Your private Sky, Lars Mueller, 2001
Lightness, 010 Publishers, Rotterdam, 1998
Glass, Structure and Technology, Stefan Behling. Prestel 1999
The new wood architecture, Naomi Stungo. Laurence King 1998
Planning to build?, A practical introduction to the construction industry. CIRIA Architectural Knowledge, Francis Duffy, Spon 1998
Constructing the team, Sir Michael Latham, Stationary office, 1994

Wolf Mangelsdorff
Development of Structural Form Rowland Mainstone
Finding Form Frei Otto, Bodo Rasch
Steel Construction Manual: Habermann, Schulitz, Sobek
Structures and why they do not fall down: J A Gordon
An Engineer Imagines: Peter Rice
Bridges: Fritz Leonhardt
Glass Construction Manual: Balkow, Schittich, Staib, Schuler Sobek
Lightness: Adrian Hinte, Ed van Beukers

RANDALL THOMAS
Thomas, R. (Ed), (2003), Sustainable Urban Design: an Environmental Approach, Spons
Best Foot Forward. Website: www.citylimitslondon.com
Thomas, R. (Ed), (2001), Photovoltaics & Architecture, Spons

Simos Yannas

Mohsen Zikri
Articles by Ove Arup on interdisciplinary design.
An Engineer Imagines - Peter Rice.
The Idea of Building - Steven Groak.
Arups on Engineering, Ed Dunster, Ernst & Sohn 1996 (Green Buildings by John
Berry – Simulating the Acoustic Environment by Richard Cowell –
Environmentalism and Efficient Engineering by Lorna Walker – Neither Seen nor
Heard by Tony Marriott).
Sir Norman Foster – Commerzbank, Frankfurt Volker Fischer - Horst Gruneis,
1997.
Commerzbank Frankfurt – Prototype for an Ecological High-rise - Colin Davies,
1997.
The Skyscraper Bioclimatically Considered - Ken Yang.
Renzo Piano Building Workshop, Volume 2 - Peter Buchanan.
Energy Conscious Design – Batsford.
Natural Energy and Vernacular Architecture - Hassan Fathi.

Journals
AR Feb 99 pg. 52-55 – Green on Show PD.
RIBA Profile April 1997 pg. 6-9 Time and energy David Turrent.
RIBA Profile April 1997 pg. 12-15 – Eco Chambers Dr Susan Roaf.
RIBA Profile April 1997 pg. 18-27 – The Functional tradition Professor Dean
Hawkes.
RIBA Journal September 1998 pg. 68-71 – Air Force One – Natural air-
conditioned building Vicky Richardson.
AD Jan 1997 pg. 27-31 – Research into sustainable architecture Bill Dunster &
John Pringle.
Building 20 March 1992 pg. 34-36 – Powerhouse – Parliamentary
accommodation Martin Spring.
Arup Journals Apr 1997 + Jan 2001- Berlin Velodrome & Swimming Pool
complex.
Arup Journal Apr 1997 pg. 32-35 – Smart technology in construction.
Arup Journal Apr 1996 pg. 8-10 – The future of intelligent building.
Arup Journal 1/2001 pg. 9-12 Manchester Aquatic Centre.
Architecture July 1995 pg. 77-83 – High Dividends – Inland Revenue, Nottingham Peter Cuchanan.
Baulwelt, Ionica Building, September 1996.