

Engineering Heritage Committee

ORAL HISTORY PROGRAM

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DATE: 14: 02: 96

NUMBER OF TAPES: 1

RESTRICTION ON USE: Nil

TAPE LOG

Tape Recorder: on loan from State Library.
Tape Counter: Yamaha Stereo Cassette KX-200

Make: Marantz
(Domestic model)

COUNTER	SUBJECT	NAMES & KEYWORDS
Tape 1 Side A		
000-010	Leader and identification	
010 -095	Born Sydney 03:06: 34 Parents, Father's occupation, . children & siblings	Family Background
095-125	Early schooling. Growing up in War-time Sydney, social conditions	Maroubra Public School.
125-161	School Vocational Guidance not encouraging re. engineering career need for Maths 1 & 2	Maroubra Junction Junior Technical High School

COUNTER	SUBJECT	NAMES & KEYWORDS
161-168	Randwick High-- aptitude for maths became evident-- top in Maths-- enjoyed practical subjects	Randwick High School
168-200	High opinion of teachers--at 15 years decided to aim for civil engineering	Headmaster Mr. Parnell
200-250	Good Leaving Certif. Pass qualified for entry to Diploma Course. Commenced cadetship at 18 yrs. with NSW Dept. Transport	Cadetship Dept. Transport
250-270	Design training in Dept's Drawing Office, and in Randwick Workshops --Ivan Petunim mentor in graphical methods for steel frame analysis. Eng.Diploma in 1956	Ivan Petunim
270-345	To MacDonald Wagner & Priddle in 1957. Nth. Qld bulk sugar loader facility. Precise & stadia surveying difficulties. Social comment on work situation. On return to Sydney engaged on design of silos for bulk wheat storage.	Macdonald Wagner & Priddle
345-358	In 1961 went to Rankine & Hill - structural design work in Canberra-G.G. residence-Lake Burley Griffin project.	Rankine & Hill
358-384	1962 to U.K. to further experience. J.D. & D.M. Watson 3 months - then Sir William Halcrow & Partners 1963-65 sewerage engineers. Produced novel design for reverse flow filter system.-	U.K. Experience
384-406	Working conditions U.K. vs. Aust. Various des. proj. Wales, London ,pumping station ,rice mills	Sir W. Halcrow & Partners

COUNTER	SUBJECT	NAMES & KEYWORDS
Tape 1 Side B		
021-040	Low salaries in U.K. 1964 to S. Africa still with Sir W.H.	South Africa
040-120	Water tunnel design. Novel des. for r.c. bridge progressive strength method	South Africa
120-180	Return to Aust. 1966 . various projects Pelletising Plant S.A. Programming early computer in Mel. for struct. des. analysis	Cook, Michel Peacock Stuart & Partners
180-205	Design of wheat storage facility	Panner West & Partners
205-232	Going solo June 1969 - teething trouble staffing-getting jobs--making contacts	Private practice
232-250	Work dried up--downturn in ec. activity high int. rates. Took on lectureship with Institute of Tech. Syd.	Lecturing - Institute of Technology
250-278	Quality of students - problems of employing staff - adopted policy of contracted employment - an increasing trend.	Practice difficulties
278-320	Contracted to Wool. Ccl to review submissions for construction with a significant struct. des. content. Poor quality of much work checked i.e. major problems sufficient to cause failure	Woollahra Council
320-359	Attitude toward marginal designs--cure to problems - review by properly qualified structural engineer.	Design responsibility
359-378	Final thoughts	