

HEAT PUMP

ELECTRICAL ENERGY TO GRID

PV'S PHOTOVOLTAIC CELLS

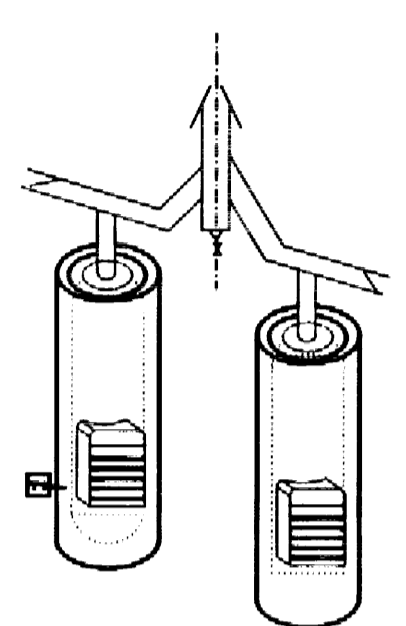
SOLAR PANELS

SYPHONIC ROOF DRAINAGE

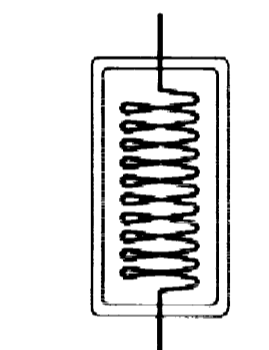
LANDSCAPE FILTER BEDS

GRAY WATER TANK

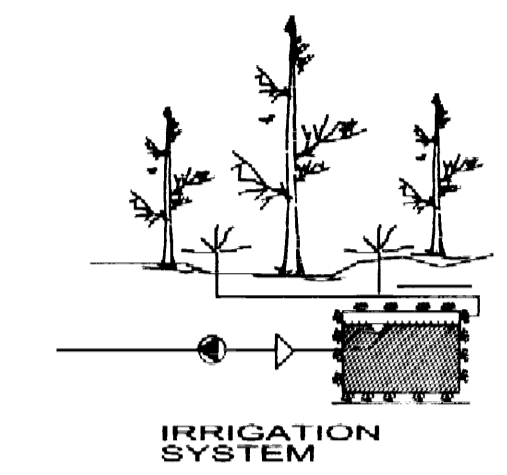
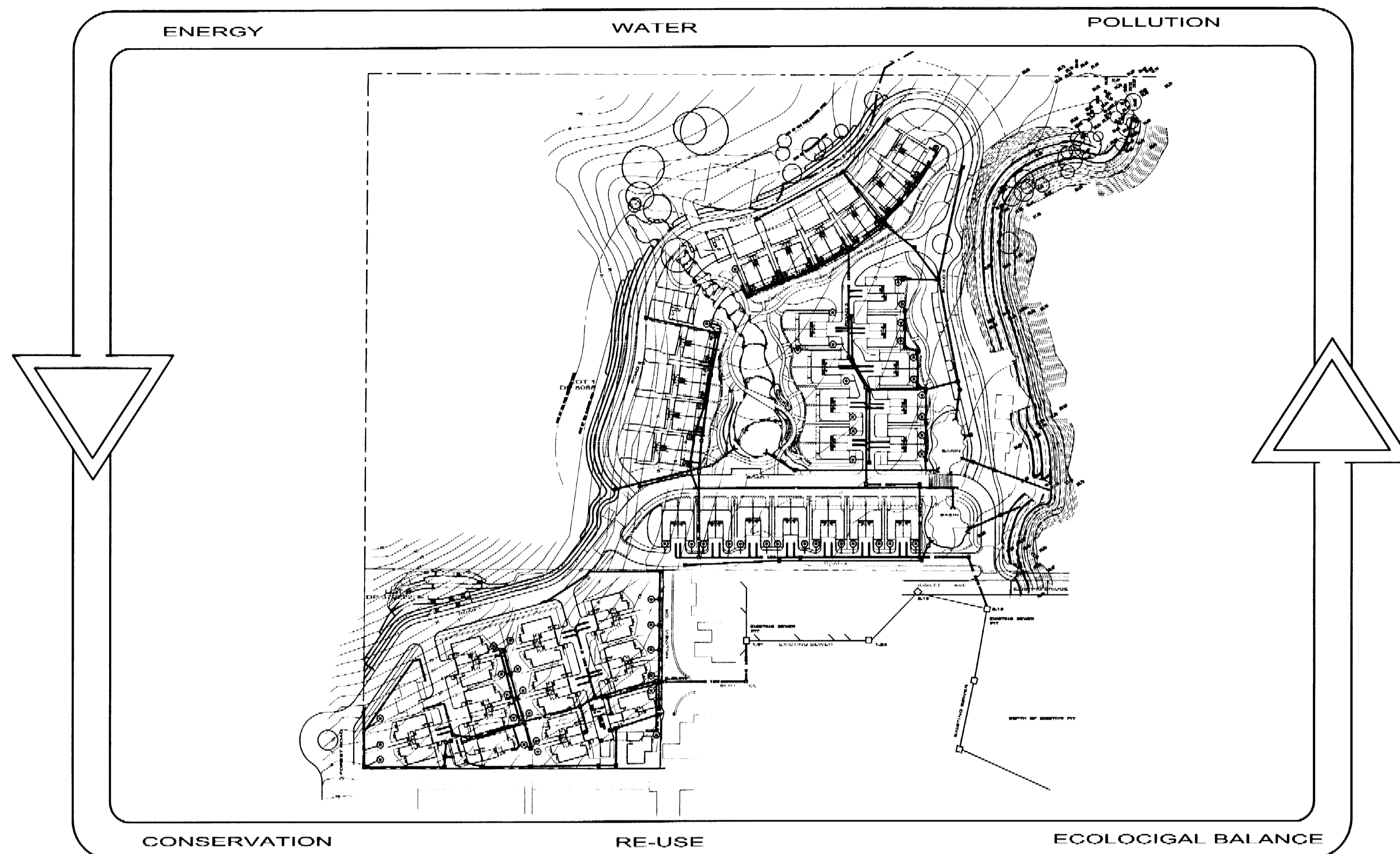
CARWASHING



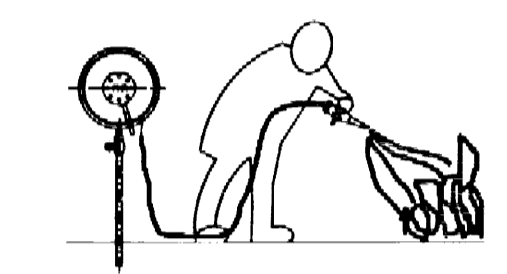
GAS BOOSTER



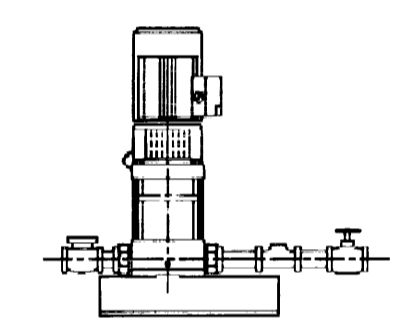
SOLAR / GAS HEAT TRANSFER



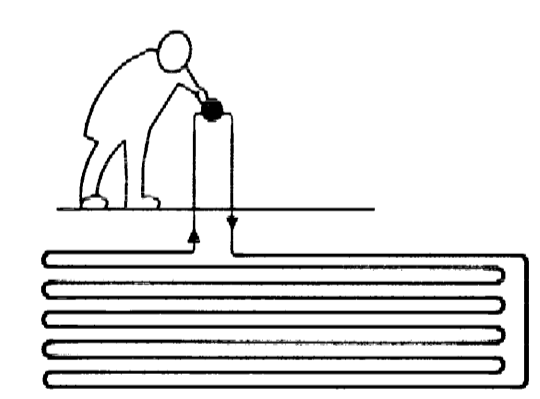
IRRIGATION SYSTEM



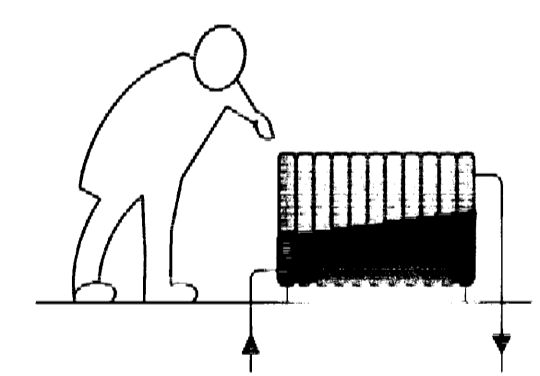
FIRE FIGHTING WATER



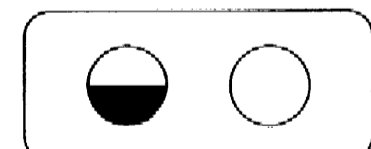
VARIABLE SPEED PUMPS (ENERGY EFFICIENT)



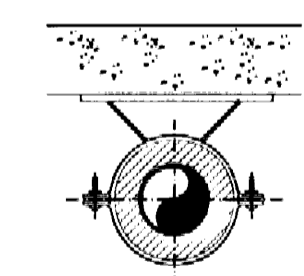
HYDRONICS FLOOR HEATING



HYDRONICS SPACE HEATING



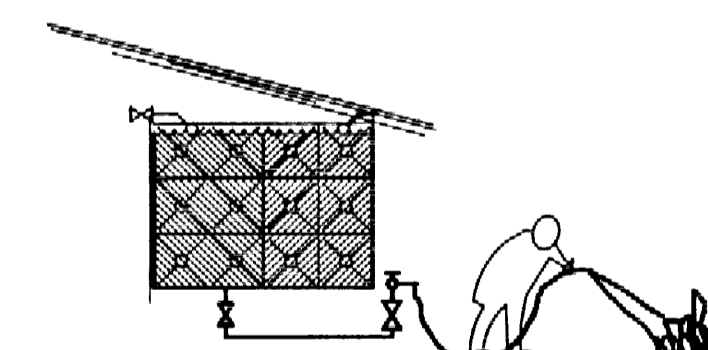
DUAL FLUSH TOILETS



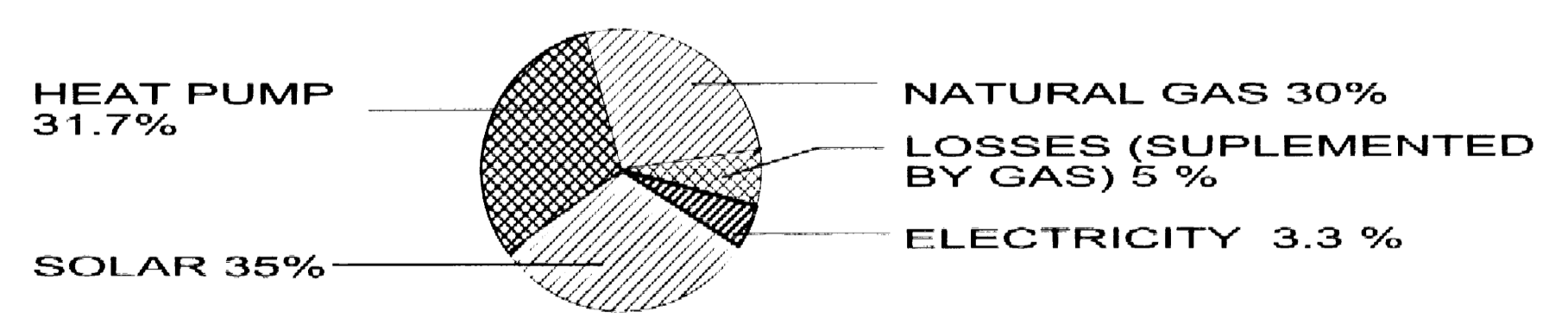
ACOUSTIC & HEAT INSULATED PIPEWORK



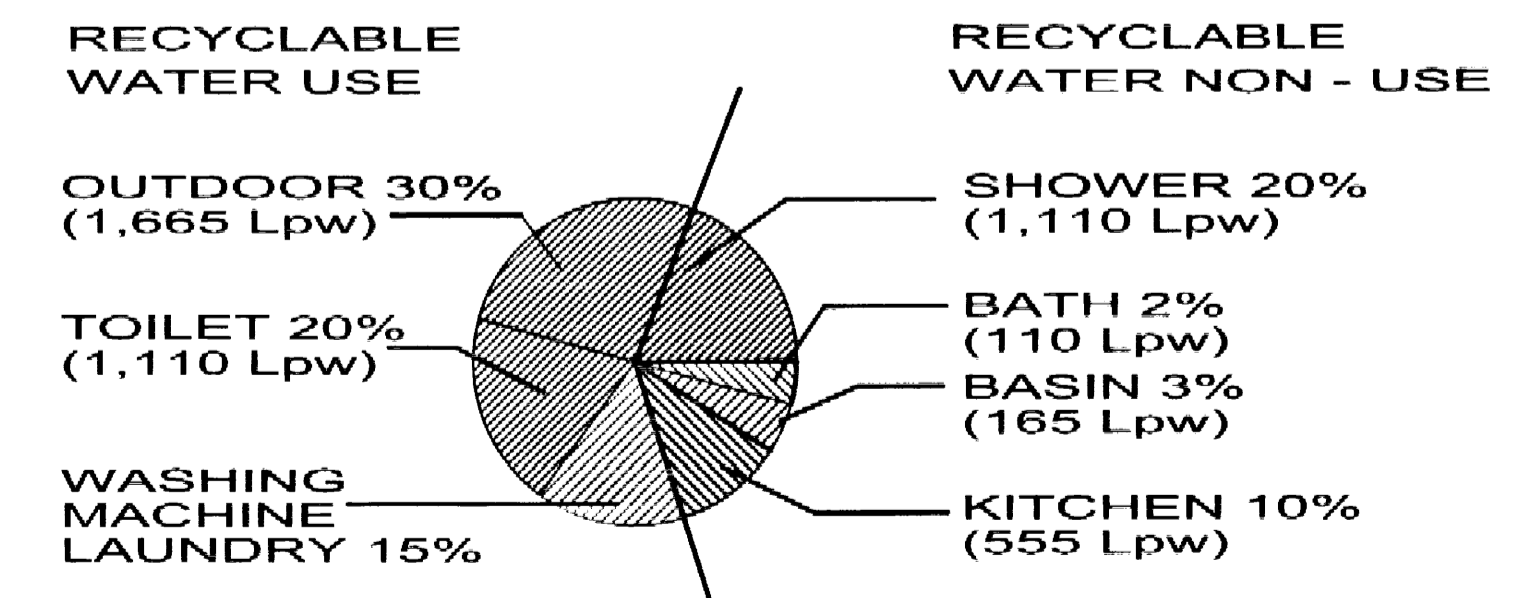
ANTISCALD WATER FLOW AND TEMPERATURE CONTROL



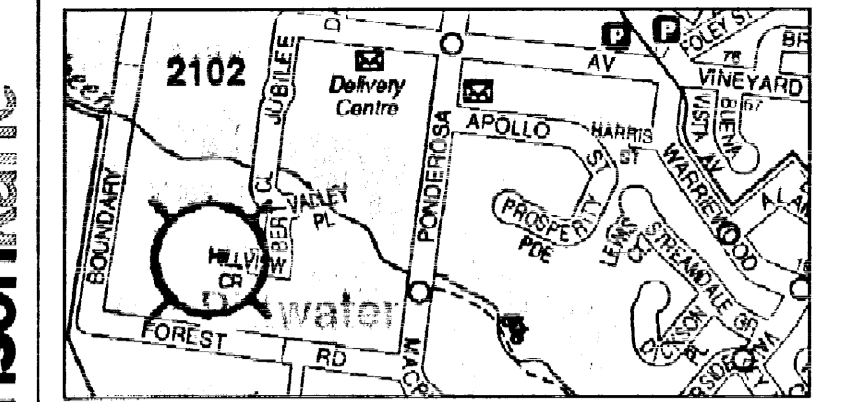
WATER STORAGE TANK



AVERAGE ENERGY USAGE IN PROPOSED DEVELOPMENT



AVERAGE SYDNEY HOUSEHOLD



SITE LOCATION

thomsonkane

REV	ISSUE	BY	CHKD	DATE
P7	REVIEW	AM	AT	08.12.04
P6	REVIEW	AM	AT	29.11.04
P5	REVIEW	AM	AT	20.10.04
P4	REVIEW	AM	AT	10.10.04
P3	REVIEW	AM	AT	10.09.04
P2	REVIEW	AM	AT	12.07.04
P1	PRELIMINARY ISSUE	AM	AT	17.06.04

DISCIPLINE	DRG NO.	REV	TK QA SYSTEM	REASON FOR ISSUE
ARCHITECTURAL PLANS	29.10.04			
STRUCTURAL				
LANDSCAPING PLANS	06.12.04			
ELECTRICAL				
CIVIL	PLANS 19.10.04			

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 ACN: 108 803 849  
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**Wolski, Lycenko & Brechnock**  
 115 Military Road, Neutral Bay NSW 2089  
 Tel: (02) 9953 8477 Fax: (02) 9953 8587

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**WEBB**  
 37 Hyde Road, Pymble NSW 2073  
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**WP Brown & Partners Pty Ltd**  
 Level 2, 52 Waterloo Road  
 Macquarie Park NSW 2113  
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**LANDSCAPE:**  
**Place Planning & Design P/L**  
 Suite 10, Norberry Terrace, 177 Pacific Hwy  
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**PROJECT:**  
**PROPOSED RESIDENTIAL SUBDIVISION - 5 WARRIEWOOD VALLEY, WARRIEWOOD NSW**

**TITLE: HYDRAULIC SERVICES**  
**WATER CYCLE DIAGRAM**

SCALE:	PROJECT No:	CAD REF:
	4733-1H	T: TKNEW/
DATE: JULY '04	DRAWING NUMBER	REVISION
DRAWN BY:	H-01	P7
CHKD BY: AT		