





SURVEY MARKS AND LOCATIONS		LEVELS
▲	Ex PSM 24 MIRNEE - (SMES)	92.354
▲	TBM 'A' STAR PICKET - LOT 53	90.99
▲	TBM 'B' NAIL IN DUMPY PEG - LOT 46	92.00
▲	TBM 'C' STAR PICKET - LOT 42	92.14

**TOTAL WORKS**

NEW SEWER MAINS		
SIZE	TYPE	LENGTH
150mm	PVC SN8	452.15m

**TOTAL WORKS**

NEW WATER MAINS		
SIZE	TYPE	LENGTH
150mm	PVC (CL.12) SERIES 2 ONLY	144m
100mm	PVC (CL.16) SERIES 1 OR 2	24m
100mm	PVC (CL.12) SERIES 2 ONLY	78m

**WATER MAIN DETAILS**  
(REFER - SECTION 19.4 WSAA 03-2002)

DESIGN PRESSURE (m head)	SYSTEM TEST PRESSURE (m head)
79.2	100.0

**CONCRETE THRUST RESTRAINT SCHEDULE**  
(REFER WSAA 2002 STANDARD DRAWING WAT-1205)

LOCATION OF THRUST BLOCK	NOMINAL PIPE DIAMETER	TYPE OF FITTING	No. OF BLOCKS REQUIRED	AREA(Sm) PER THRUST BLOCK
A	150mm	TEE/CAP	2	0.48
B	100mm	TEE/CAP	1	0.23

NOTE: FOR ALL OTHER BENDS NOT SHOWN IN THIS TABLE, TIMBER THRUST BLOCKS ARE TO BE USED IN ACCORDANCE WITH WAT-1286

**SERVICES LOCATION SCHEDULE**

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
ROWLEY DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25
WATERLOO PLAINS CRESCENT	1.90 N	2.10 S	2.70 S	2.50 N	4.25

**ACCEPTED BY BARWON WATER**  
WORKS SHALL NOT COMMENCE UNTIL PLANS SIGNED BY BARWON WATER

SIGNED \_\_\_\_\_  
LAND DEVELOPMENT CO-ORDINATOR  
DEVELOPMENT SERVICES

- CONSTRUCTION NOTES**
- CONSTRUCTION OF SEWER AND WATER MAINS TO BE IN ACCORDANCE WITH BARWON WATER STANDARD SPECIFICATIONS "CONSTRUCTION OF GRAVITY SEWERS AND RISING MAINS" AND "CONSTRUCTION OF WATER MAINS".
  - EVERY ENDEAVOUR TO ENSURE THE LOCATION OF ALL EXISTING SERVICES ON THE PLAN ARE CORRECT HOWEVER ACTUAL LOCATIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION.
  - NOMINAL SIZE OF WATER MAINS INDICATED IN MILLIMETERS, OFFSETS ARE INDICATED IN METRES.
  - ALL SEWER PIPES ARE 150 Ø mm UNLESS OTHERWISE SHOWN.

PIPE TYPES		FITTINGS AND SYMBOLS	
ASBESTOS CEMENT	AC	WATER	SEWER
CAST IRON CEMENT LINED	CI/CL	CHANGE OF PIPE SIZE	TYPE 'A' JUMP UP
DUCTILE CEMENT LINED	MC/CL	MAINS NOT CONNECTED	TYPE 'B' JUMP UP
MILD STEEL CEMENT LINED	MS/CL	VALVE	TYPE 'C' SLIDE LINE
POLYVINYL CHLORIDE	PVC	NON RETURN VALVE	OBSLIQUE JUNCTION
POLYETHYLENE (AS SPECIFIED)	PE	FIRE PLUG	TYPE 'A' SPECIAL
REINFORCED CONCRETE	RC	DEAD END CAP	TYPE 'M' SPECIAL
VITREOUS CLAY	VC		TYPE 'B' SPECIAL

**OTHER U/G SERVICES**

EXISTING WATER MAIN	=====
STORM WATER	-----
GAS	-----
TELSTRA	-----
ELECTRICITY (POLE)	-----
EXISTING SEWER	-----

**PETER BERRY & ASSOCIATES PTY LTD**  
153 YARRA STREET, GEELONG 3220 TEL 5223 2799 FAX 5223 2901

REV	DESCRIPTION	DATE

EXTENSION No L014287  
ANDERSON STREET SUBDIVISION - STAGE 3  
WINCHELSEA  
SHEET 2 OF 4

DESIGNED	DRAWN	CHECKED	SCALE - PLAN
D.L. BERRY	D.L. BERRY	D.L. BERRY	1:500

MGR.	EXECUTIVE MGR.	REVISION
PETER BERRY		A



