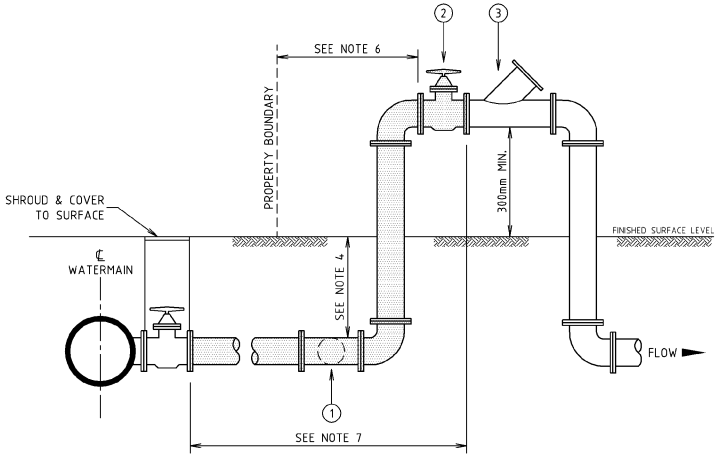
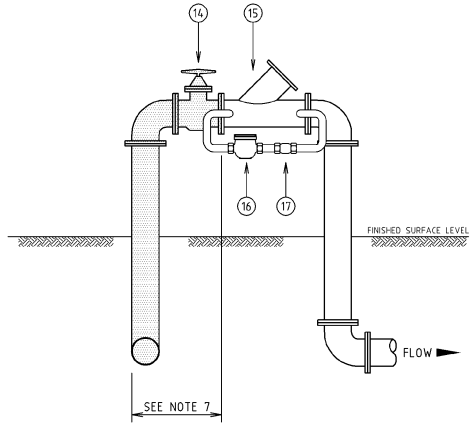
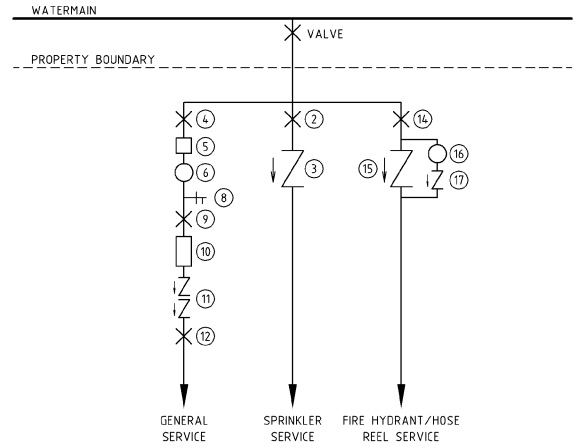


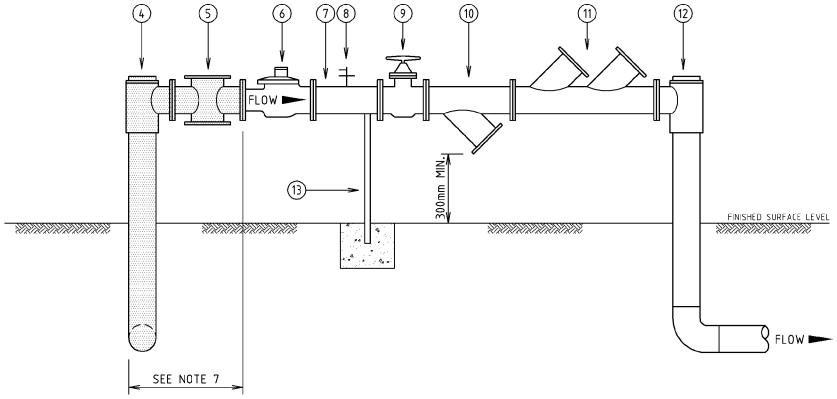
SPRINKLER SERVICE



FIRE HYDRANT/HOSE REEL SERVICE



SCHEMATIC LAYOUT



GENERAL SERVICE

NOTES:
1. All dimensions are in millimetres.
2. Pipe material and assembly to conform to AS 3500.1.
3. Meter assembly shall be horizontal.
4. Minimum pipe cover to conform to AS 3500.1 (Clause 5.10 & 5.11).
5. All flanges to conform to AS 4087.
6. Location shall conform to AS 3500.1 (Clause 12.0).
7. All plumbing shaded ▭ shall be installed prior to tapping & meter installation.

FIRE BOOSTER CONNECTION:
Suction points shall be located upstream of the first isolation valve inside the property boundary. Delivery point shall be located downstream of the check valve or backflow prevention devide. Where this is not possible special approval must be obtained from Gippsland Water.

MATERIAL SCHEDULE

ITEM	DESCRIPTION
1	TRIDENT BRANCH
2	GATE VALVE TO CONFORM TO AS 3500.1 (CLAUSE 12.0)
3	SINGLE CHECK VALVE
4	GATE VALVE TO CONFORM TO AS 3500.1 (CLAUSE 12.0)
5	DIRT BOX TO SUIT METER
6	GIPPSLAND WATER APPROVED WATER METER
7	SPACER PIPE, MINIMUM LENGTH = 3 x PIPE DIAMETER
8	TESTING FERRULE, RIGHT ANGLE LOCKABLE TYPE, TO AS 3718 OR MAP 52 spec, 012..
9 **	GATE VALVE TO CONFORM TO AS 3500.1 (CLAUSE 12.0)
10 **	FILTER TO SUIT BACKFLOW PREVENTION DEVICE MANUFACTURERS REQUIREMENTS
11	TESTABLE BACKFLOW PREVENTION DEVICE TO AS 2845.1
12	GATE VALVE TO CONFORM TO AS 3500.1 (CLAUSE 12.0)
13	METER SUPPORT
14	GATE VALVE TO CONFORM TO AS 3500.1 (CLAUSE 12.0)
15	SINGLE CHECK VALVE
16	GIPPSLAND WATER APPROVED BYPASS WATER METER
17	DUAL CHECK VALVE TO AS 2845

** For low hazard backflow prevention areas, items 9 & 10 are not required.

DO NOT SCALE

REVISIONS

No.	DATE	DESCRIPTION	APP'D

13A Church Street
Traralgon, Victoria, 3844.
Ph./Fax (03) 5174 7583
Fax (03) 5174 0011

Digital Mapping ◦
Design Drafting ◦
Water Industry Services ◦
Large Format Plotting ◦

CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS.

DESIGNED: / /
DRAWN: 3/7/06 JMB
CHECKED: / /

GIPPSLAND WATER

DRAWING No. A2-34379 REV. 0

TYPICAL ARRANGEMENT
WATER METER & BACKFLOW PREVENTION DEVICE ASSEMBLY REQUIREMENTS
TRIDENT FIRE SPRINKLER/FIRE HYDRANT/GENERAL SERVICE