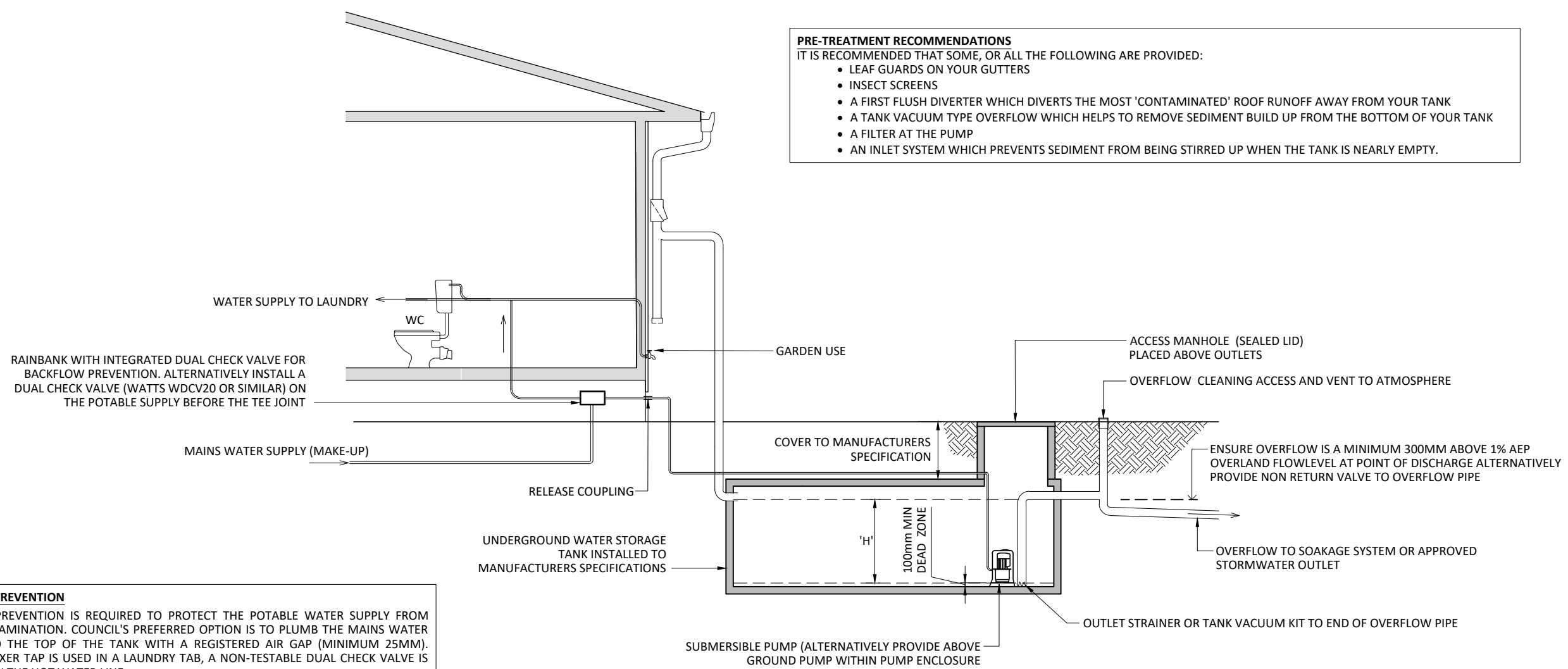


NOTES

1. ALL ELECTRICAL WORK SHALL BE BY A REGISTERED ELECTRICIAN TO REQUIRED SAFETY STANDARDS
2. ONLY THE PERSONNEL TRAINED ON CONFINED SPACE ENTRY SHALL ENTER THE TANK
3. PUMP AND ENCLOSURE SHALL BE OF A SILENT TYPE
4. ALL PLUMBING AND DRAINAGE WORK TO BUILDING ACT 1991 AND NZ BUILDING CODE. REFER TO NZ BUILDING CODE E1 SURFACE WATER, G12 WATER SUPPLIES AND F8 SIGNS, AND NZS 5807: PART 2 FOR ADDITIONAL REQUIREMENTS.
5. TANKS TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NZS3500:1 WATER SERVICES
6. INVERT SHOULD BE LEVEL FROM THE SCREW CAP TO 10mm HOLE. THIS WILL ALLOW A CLEANING WIRE TO SLIDE ALONG AND BE GUIDED BY THE INVERT
7. ALL PIPES SUPPLYING RAIN WATER FOR NON-POTABLE PURPOSES SHALL BE LILAC COLOURED OR MARKED WITH 6 LONGITUDINAL LILAC COLOURED STRIPES IN ACCORDANCE WITH S2.16 OF AS/NZS 3500.5: 2000.
8. ALL NON-POTABLE WATER SUPPLY OUTLETS SHALL BE CLEARLY & PERMANENTLY LABELLED "CAUTION NOT FOR DRINKING"
9. ANY INSTALLATION WORK WILL NEED TO BE COVERED BY A COUNCIL CONSENT AND CARRIED OUT BY A LICENSED CERTIFYING PLUMBER AND A TEST REPORT ISSUED BY AN IQP (BACKFLOW) REGISTERED PERSON AT THE TIME OF INSTALLATION

PRE-TREATMENT RECOMMENDATIONS
 IT IS RECOMMENDED THAT SOME, OR ALL THE FOLLOWING ARE PROVIDED:

- LEAF GUARDS ON YOUR GUTTERS
- INSECT SCREENS
- A FIRST FLUSH DIVERTER WHICH DIVERTS THE MOST 'CONTAMINATED' ROOF RUNOFF AWAY FROM YOUR TANK
- A TANK VACUUM TYPE OVERFLOW WHICH HELPS TO REMOVE SEDIMENT BUILD UP FROM THE BOTTOM OF YOUR TANK
- A FILTER AT THE PUMP
- AN INLET SYSTEM WHICH PREVENTS SEDIMENT FROM BEING STIRRED UP WHEN THE TANK IS NEARLY EMPTY.



BACKFLOW PREVENTION
 BACKFLOW PREVENTION IS REQUIRED TO PROTECT THE POTABLE WATER SUPPLY FROM CROSS CONTAMINATION. COUNCIL'S PREFERRED OPTION IS TO PLUMB THE MAINS WATER SUPPLY INTO THE TOP OF THE TANK WITH A REGISTERED AIR GAP (MINIMUM 25MM). WHERE A MIXER TAP IS USED IN A LAUNDRY TAB, A NON-TESTABLE DUAL CHECK VALVE IS REQUIRED ON THE HOT WATER LINE.
 WHERE MAINS WATER IS PLUMBED DIRECTLY TO THE DWELLING WITH A SOLENOID BYPASS VALVE (E.G. UNDERGROUND TANKS), THIS IS REQUIRED TO BE A TESTABLE BACKFLOW DEVICE.
A NON-TESTABLE DUAL CHECK VALVE IS REQUIRED AT POINT OF SUPPLY IN ACCORDANCE WITH THE RITS IN ALL CASES.

150
125
100
75
50
25
0
SCALE (mm)
ORIGINAL

City Development Group

	Date	Checked	Date
SURVEY			
DESIGN	HV	08/22	
DRAWN	HV	08/22	
PROJECT VERIFICATION			
AMENDMENTS			

Strategic Development	
PROJECT MANAGER	Andrea Phillips
ASSET MANAGER	Private
PREPARED FOR	PRIVATE OWNERSHIP



Private Bag 3010, Hamilton, New Zealand
 Phone 07 838 6699 www.hamilton.co.nz

UNDERGROUND RAINWATER REUSE TANK ('Rainbank' Installation) ACCEPTABLE SOLUTION

SCALE	1:50 @ A3
PATH	
ORIGIN OF LEVELS	N/A
Plan No.	HCC-02.2