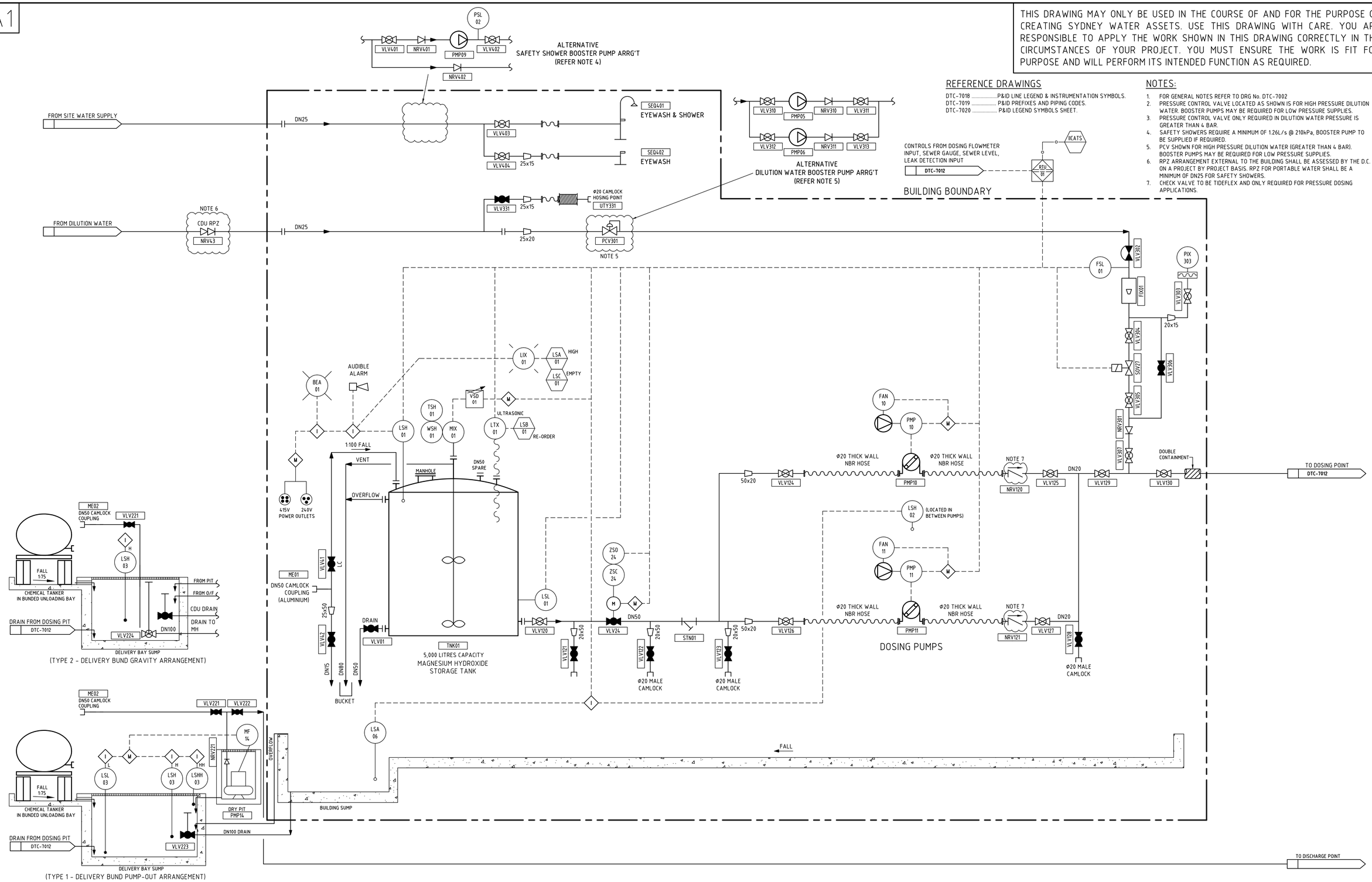
A1

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS INTENDED FUNCTION AS REQUIRED.



REFERENCE DRAWINGS

DTC-7018 ..... P&ID LINE LEGEND & INSTRUMENTATION SYMBOLS.
DTC-7019 ..... P&ID PREFIXES AND PIPING CODES.
DTC-7020 ..... P&ID LEGEND SYMBOLS SHEET.

NOTES:

1. FOR GENERAL NOTES REFER TO DRG No. DTC-7002
2. PRESSURE CONTROL VALVE LOCATED AS SHOWN IS FOR HIGH PRESSURE DILUTION WATER. BOOSTER PUMPS MAY BE REQUIRED FOR LOW PRESSURE SUPPLIES.
3. PRESSURE CONTROL VALVE ONLY REQUIRED IN DILUTION WATER PRESSURE IS GREATER THAN 4 BAR.
4. SAFETY SHOWERS REQUIRE A MINIMUM OF 1.26L/s @ 210kPa, BOOSTER PUMP TO BE SUPPLIED IF REQUIRED.
5. PCV SHOWN FOR HIGH PRESSURE DILUTION WATER (GREATER THAN 4 BAR). BOOSTER PUMPS MAY BE REQUIRED FOR LOW PRESSURE SUPPLIES.
6. RPZ ARRANGEMENT EXTERNAL TO THE BUILDING SHALL BE ASSESSED BY THE D.C. ON A PROJECT BY PROJECT BASIS. RPZ FOR PORTABLE WATER SHALL BE A MINIMUM OF DN25 FOR SAFETY SHOWERS.
7. CHECK VALVE TO BE TIDEFLEX AND ONLY REQUIRED FOR PRESSURE DOSING APPLICATIONS.

Sydney WATER

APPROVED MAR 2017

KEN WIGGINGS

MANAGER, E & ES

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ENGINEERING & ENVIRONMENTAL SERVICES

LETTER	DETAILS OF AMENDMENT	APP'D	DATE
A	ORIGINAL ISSUE	KW	10/03/17

DEEMED TO COMPLY DRAWINGS

5kL CHEMICAL DOSING UNIT MAGNESIUM HYDROXIDE P&ID

DTC

7130