

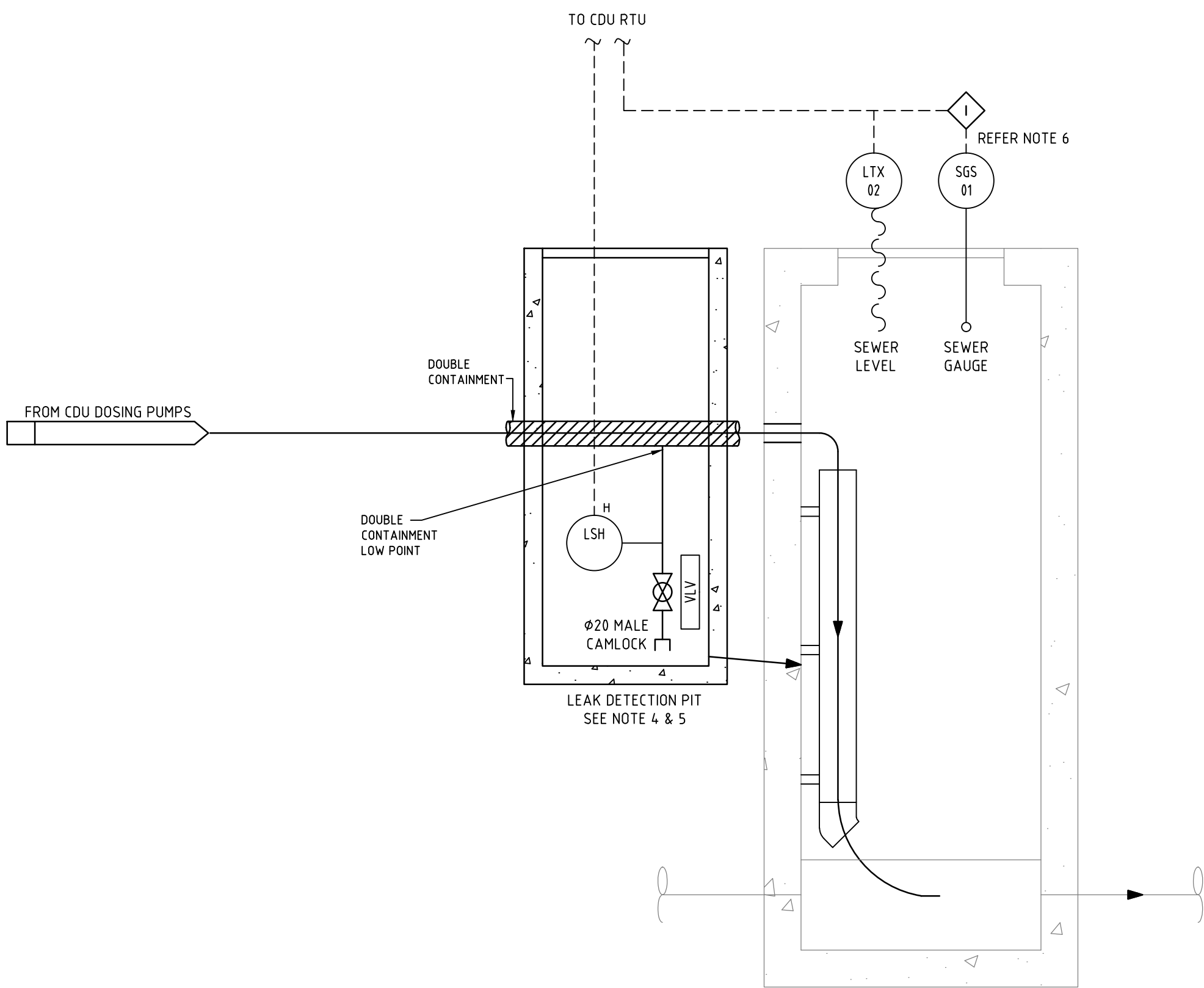
THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS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

REFERENCE DRAWINGS

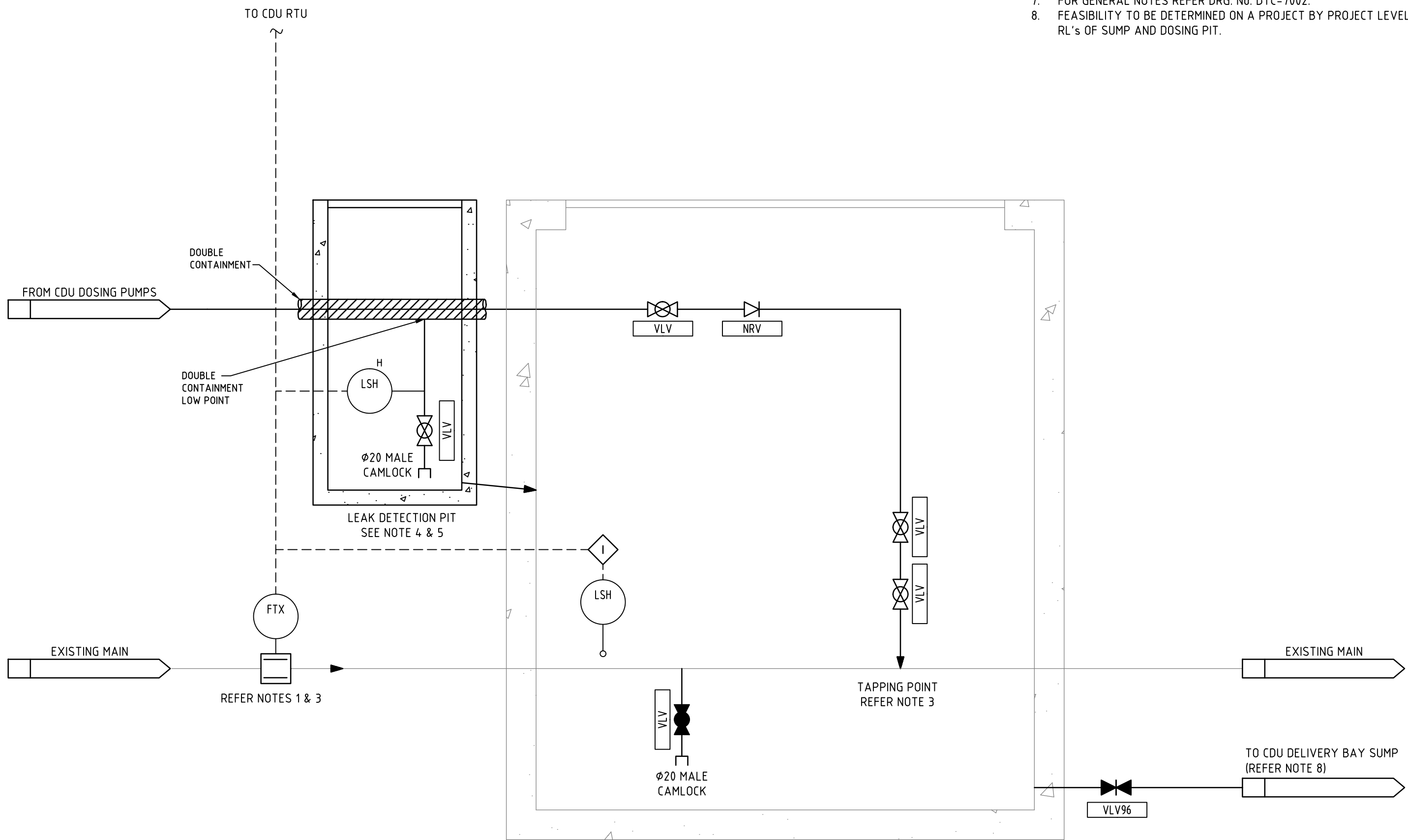
- DTC-7018 P&ID LINE LEGEND & INSTRUMENTATION SYMBOLS.
- DTC-7019 P&ID PREFIXES AND PIPING CODES.
- DTC-7020 P&ID SYMBOLS LEGEND SHEET.

DOSING POINT NOTES

- 1. MAGNETIC FLOW METERS TO BE LOCATED A MIN. DISTANCE UPSTREAM AND DOWNSTREAM OF FLOW DISTURBANCES AS INDICATED BY THE VENDOR
- 2. FLOW TRANSMITTERS INSTALLED ON TRANSFER MAINS USED TO INITIATE CHEMICAL DOSING ON DOSING SYSTEM.
- 3. TAPPING POINT TO BE A MINIMUM 10m UPSTREAM OF CHEMICALLY RESISTANT FLOW METER.
- 4. LEAK DETECTION DEVICE TO BE INSTALLED AT LOW POINT/S ON DOSING PIPE AND INSTALLED INSIDE ACCESSIBLE PIT LOCAL TO DOSING POINT. DRAIN PIPE FROM PIT TO BE FITTED WITH FLAP VALVE (OR SIMILAR) TO PREVENT ODOUR ENTERING THE PIT. LEAK DETECTION METHOD INDICATED IN DRAWING IF DRAWING IS ONE OPTION ONLY. OTHER OPTIONS CAN BE PERMITTED IF APPROVED BY THE PRINCIPAL.
- 5. PIT TO BE WATER TIGHT WITH LIGHTWEIGHT COVER.
- 6. SEWER LEVEL AND SEWER GAUGE LOCATED WITHIN THE DOSING MANHOLE AND CONNECTED DIRECTLY TO CDU RTU.
- 7. FOR GENERAL NOTES REFER DRG. No. DTC-7002.
- 8. FEASIBILITY TO BE DETERMINED ON A PROJECT BY PROJECT LEVEL BASED ON RL's OF SUMP AND DOSING PIT.



TYPE 1 - INLET MAINTENANCE HOLES
TYPE 2 - GRAVITY SEWER MAINTENANCE HOLES



TYPE 3 - SEWER PRESSURE MAINS (INSIDE PIT)

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

DEEMED TO COMPLY DRAWINGS
TYPICAL CHEMICAL DOSING UNIT FERROUS/FERRIC CHLORIDE & CALCIUM NITRATE P&ID - DOSING POINTS