

PLAN  
STORAGE TANK 1 SHOWN  
STORAGE TANK 2 (OPPOSITE HANDED)

NOZZLE	SIZE	SCHEDULE	CONNECTION	RATING	TYPE	DESCRIPTION	REMARKS
N1	DN50	80	FLANGED	ANSI 150	FF	INLET	
N2	DN50	80	FLANGED	ANSI 150	FF	OUTLET	
N3	DN50	80	FLANGED	ANSI 150	FF	DRAIN	
N4	DN80	80	FLANGED	ANSI 150	FF	OVERFLOW	
N5	Ø600	-	LID	CLASS A	-	MANHOLE	15kg MAX. WEIGHT
N6	DN25	80	FLANGED	ANSI 150	FF	CONDENSATE RELIEF	REQ'D. FOR TNK01 ONLY
N7	DN50	80	PLAIN END PIPE	-	-	VENT	REFER DETAIL-A
N8	DN50	80	FLANGED	ANSI 150	FF	SPARE	c/w POLY BLIND FLANGE
N9	Ø180	80	RISER	ANSI 150	FF	LEVEL TRANSMITTER	REFER DETAIL-B
N10	DN25	80	FLANGED	ANSI 150	FF	LEVEL INDICATOR (SIDE)	
N11	DN25	80	FLANGED	ANSI 150	FF	LEVEL INDICATOR (TOP)	

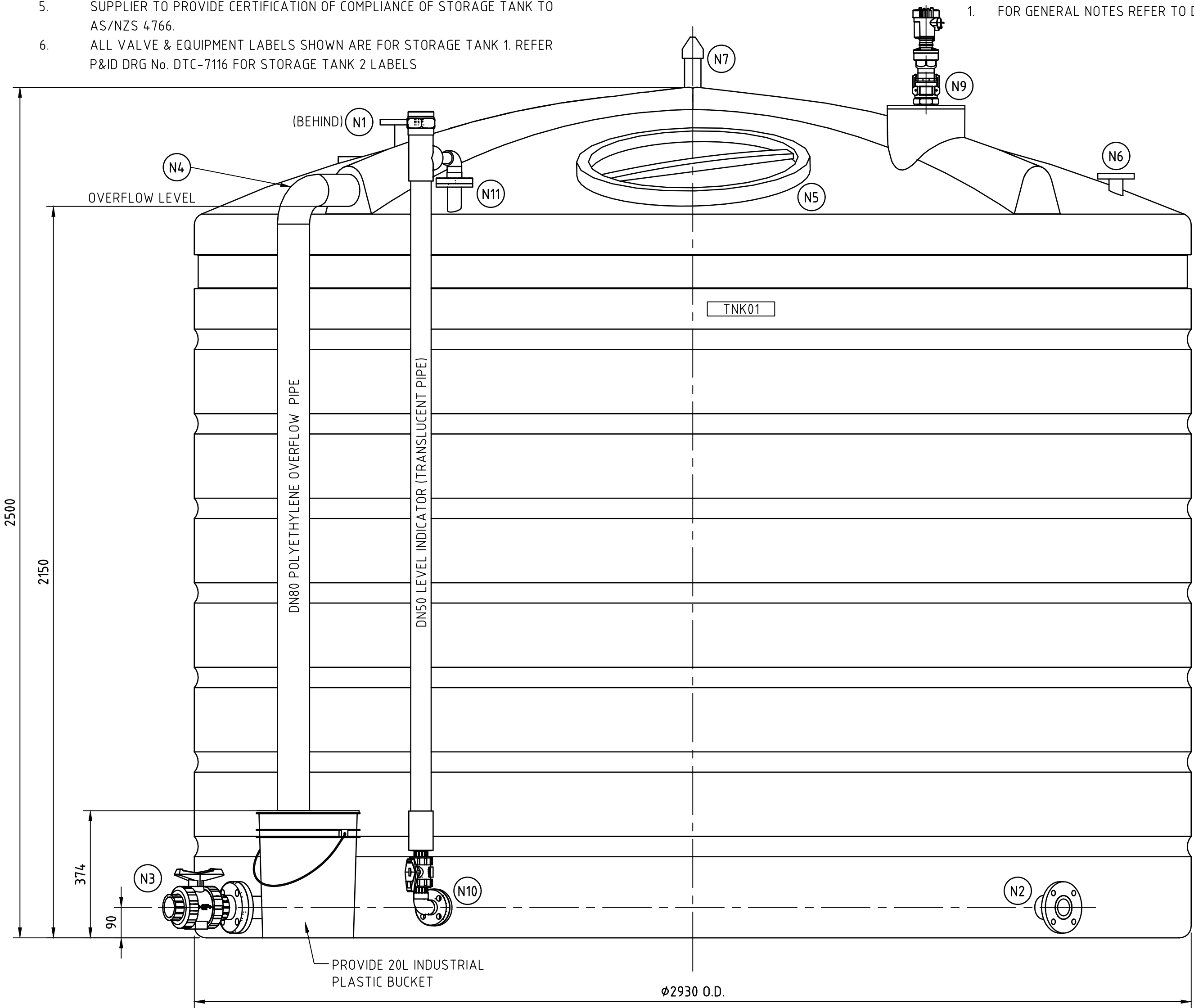
STORAGE TANK NOTES:

- DURAPLAS POLYETHYLENE STORAGE TANK (OR APPROVED EQUIV.)  
- NOMINAL CAPACITY: 13,500L
- TANK TO BE DESIGNED & MANUFACTURED FROM ROTOMOULDED POLYETHYLENE AND SUITABLE FOR FERROUS/FERRIC CHLORIDE & CALCIUM NITRATE.
- TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS/NZS 4766.
- ALL NOZZLES TO BE BACK TO BACK WELDED AND SUPPLIED WITH GUSSETS, REFER DETAIL-C.
- SUPPLIER TO PROVIDE CERTIFICATION OF COMPLIANCE OF STORAGE TANK TO AS/NZS 4766.
- ALL VALVE & EQUIPMENT LABELS SHOWN ARE FOR STORAGE TANK 1. REFER P&ID DRG No. DTC-7116 FOR STORAGE TANK 2 LABELS

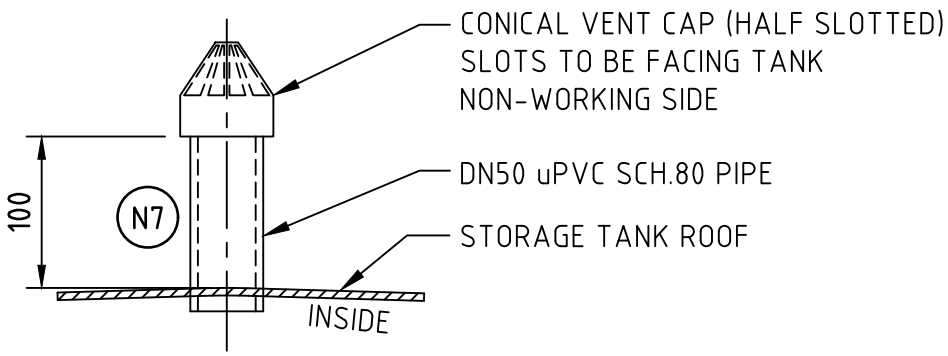
THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS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

NOTES:

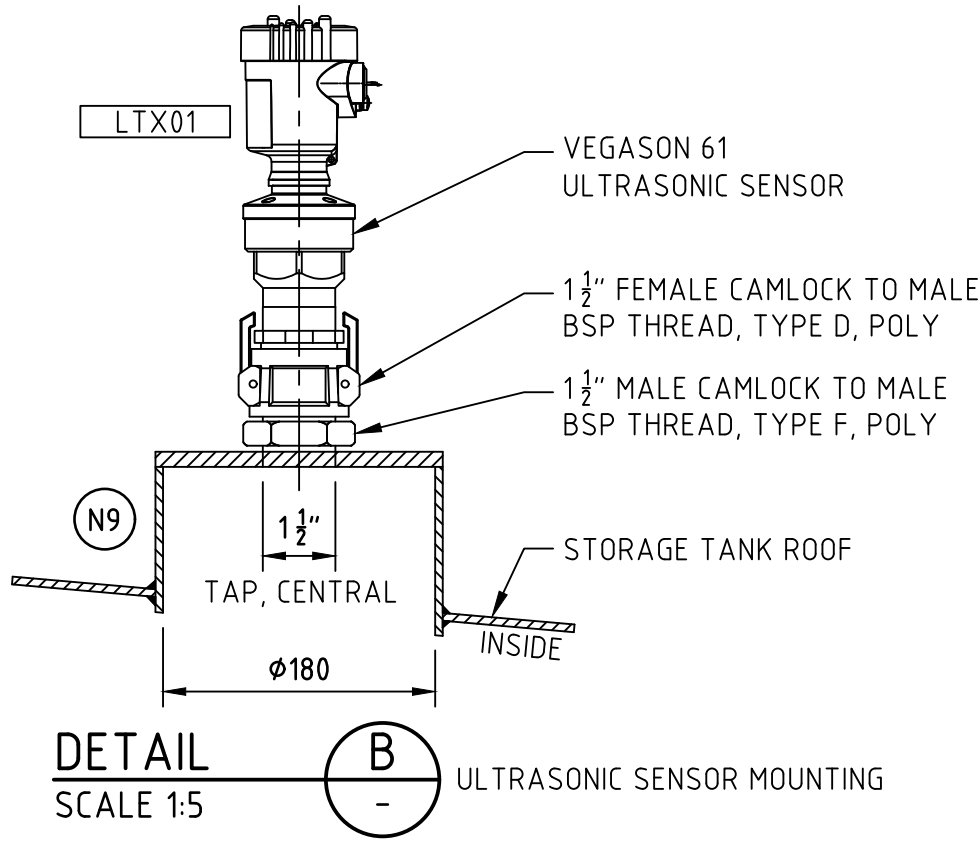
- FOR GENERAL NOTES REFER TO DRG No. DTC-7002.



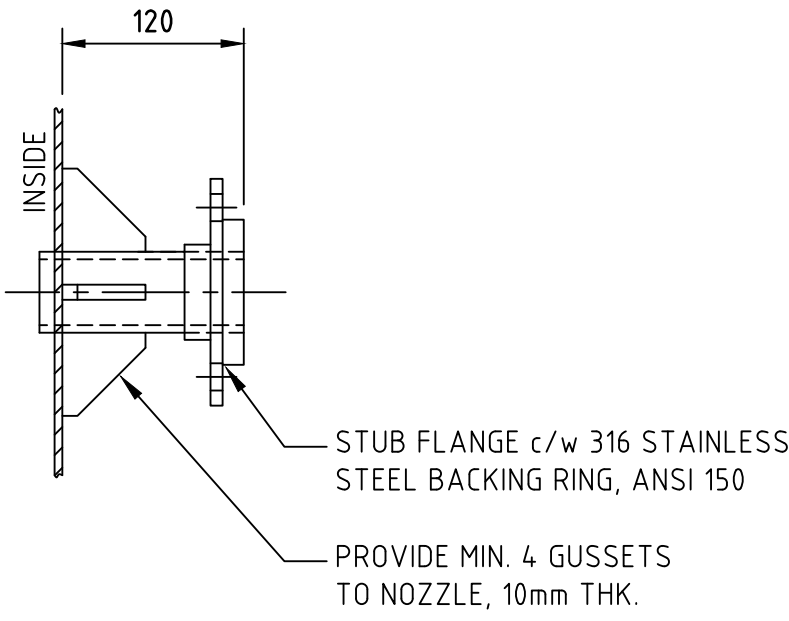
ELEVATION



DETAIL  
SCALE 1:5  
A  
-  
VENT DETAIL



DETAIL  
SCALE 1:5  
B  
-  
ULTRASONIC SENSOR MOUNTING



DETAIL  
SCALE 1:5  
C  
-  
TYPICAL STORAGE TANK NOZZLE

Sydney  
**WATER**

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APPROVED MAR 2017

KEN WIGGINS  
MANAGER, E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

A  
LETTER

ORIGINAL ISSUE

DETAILS OF AMENDMENT

KW

10/03/17

APP'D

DATE

DEEMED TO COMPLY DRAWINGS

**13.5kL + 13.5kL CHEMICAL DOSING UNIT  
FERROUS/FERRIC CHLORIDE & CALCIUM NITRATE  
13.5kL STORAGE TANK DETAILS**

**DTC  
7121**