

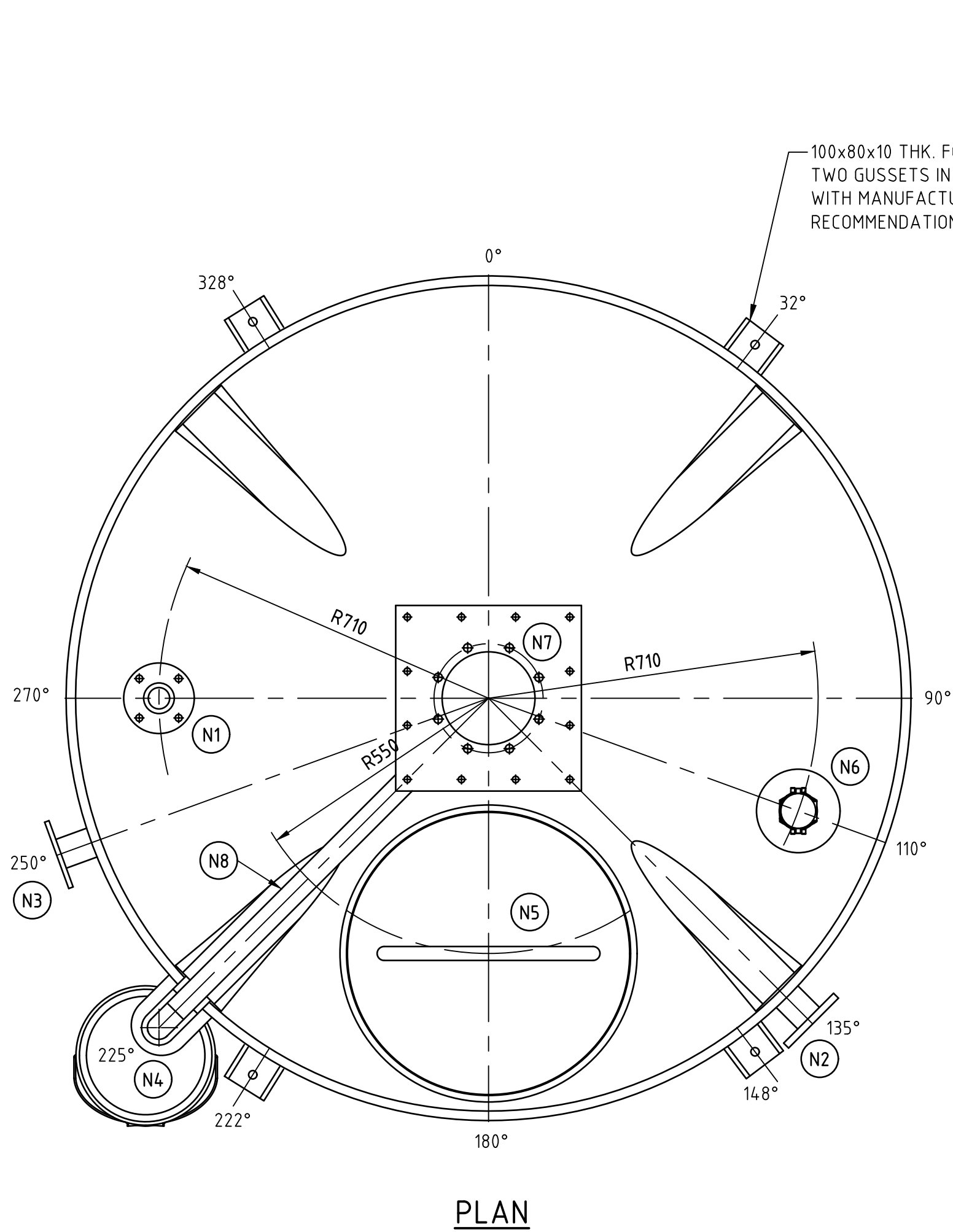
STORAGE TANK NOTES:

1. DURAPLAS POLYETHYLENE STORAGE TANK (OR APPROVED EQUIV.)  
- NOMINAL CAPACITY: 5,000L
2. TANK TO BE DESIGNED & MANUFACTURED FROM ROTOMOULDED POLYETHYLENE WITH SMOOTH INTERNAL FINISH AND SUITABLE FOR MAGNESIUM HYDROXIDE. TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS/NZS 4766.
3. ALL NOZZLES TO BE BACK TO BACK WELDED AND SUPPLIED WITH GUSSETS, REFER DETAIL-C.
4. SUPPLIER TO PROVIDE CERTIFICATION OF COMPLIANCE OF STORAGE TANK TO AS/NZS 4766.

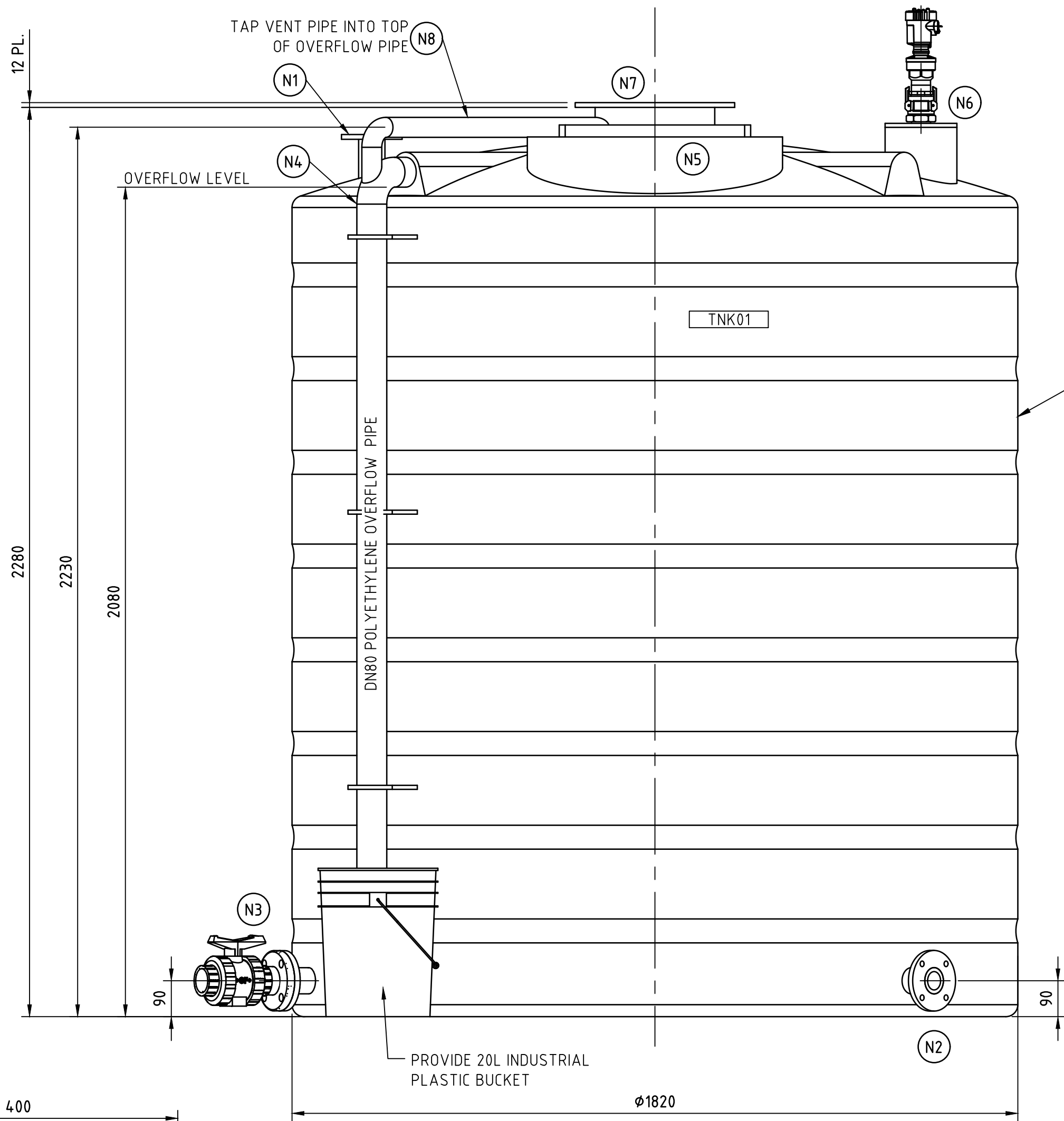
THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS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

NOTES:

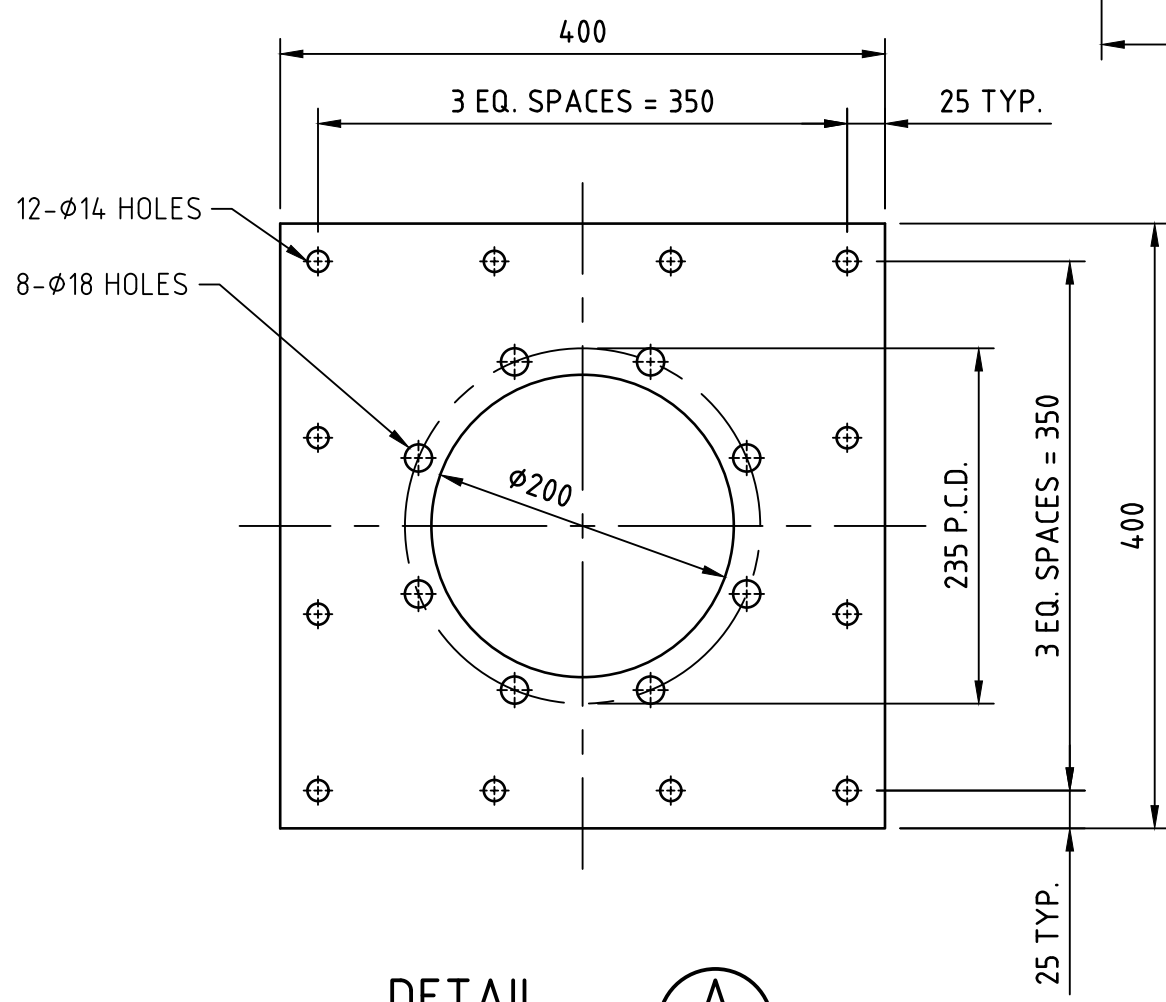
1. FOR GENERAL NOTES REFER TO DRG No. DTC-7002.



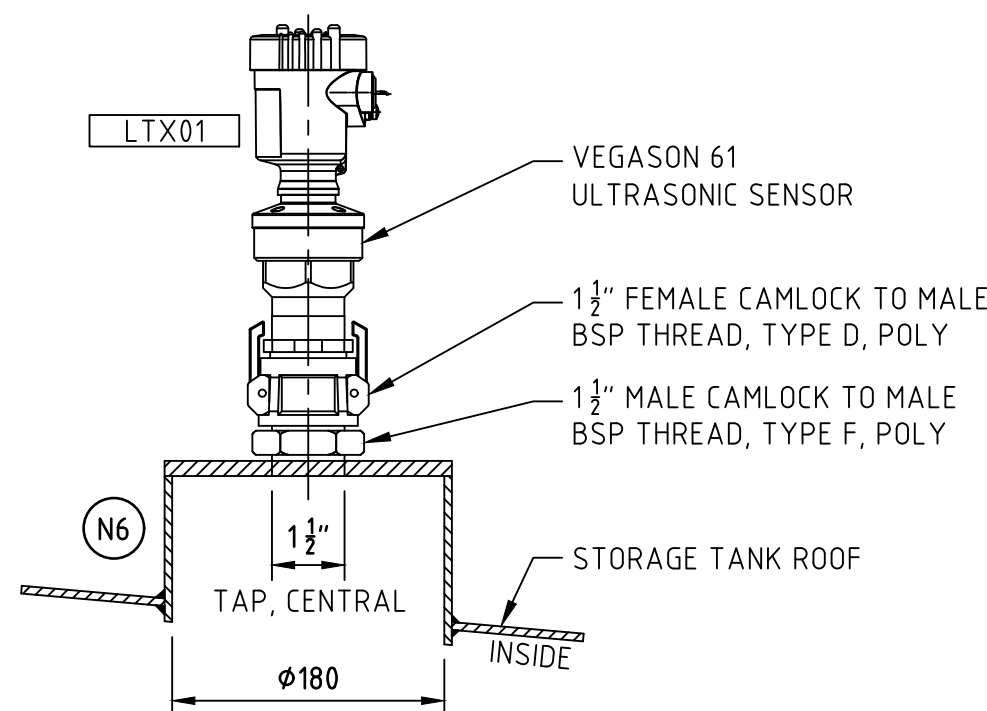
PLAN



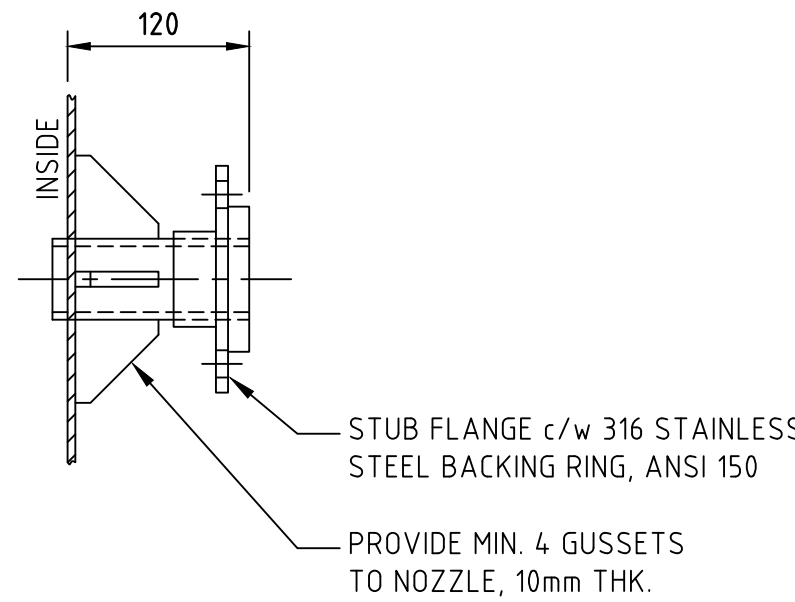
ELEVATION



DETAIL SCALE 1:5 A MIXER PLATE CONNECTION



DETAIL SCALE 1:5 B ULTRASONIC SENSOR MOUNTING



DETAIL SCALE 1:5 C TYPICAL STORAGE TANK NOZZLE

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	PIPE	-	-	OVERFLOW	
N5	Ø600	-	LID	CLASS A	-	MANHOLE	15kg MAX. WEIGHT
N6	Ø180	80	RISER	-	-	LEVEL TRANSMITTER	REFER DETAIL-B
N7	400x4.00		12 THK. PLATE	-	-	MIXER CONNECTION	REFER DETAIL-A
N8	DN50	80	PIPE	-	-	VENT	

Sydney  
**WATER**

COPYRIGHT  
STATE OF NEW SOUTH WALES THROUGH SYDNEY  
WATER CORPORATION. ALL RIGHTS RESERVED

APPROVED MAR 2017

KEN WIGGINS  
MANAGER, E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

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

DEEMED TO COMPLY DRAWINGS

5KL CHEMICAL DOSING UNIT  
MAGNESIUM HYDROXIDE  
5KL STORAGE TANK DETAILS

DTC  
7135