

GENERAL NOTES

- ① FLANGED NRS GATE VALVE WITH INTEGRAL BY-PASS. SEE ②
- ② TWO VALVES REQUIRED FOR NRS BY-PASS GATE VALVE
- ③ FLANGED DUCTILE IRON TEE, COMPLETE WITH BLIND FLANGE
- ④ FLANGED COUPLING ADAPTOR
- ⑤ DI SC54 PIPE c/w THRUST FLANGE ON PIPE
- ⑥ COUPLING
- ⑦ DI SC54 FLxPE PIPE c/w THRUST FLANGE ON PIPE
- ⑧ THRUST BLOCK AS PER OPSD 1101.014
- ⑨ PRECAST REINFORCED CONCRETE TOP CAP SECTION AS PER OPSD 1101.015
- ⑩ PRECAST REINFORCED CONCRETE RISER SECTIONS AS PER OPSD 1101.013
- ⑪ PRECAST REINFORCED CONCRETE BASE SLAB AS PER OPSD 1101.013
- ⑫ 300 X 300 X 175 SUMP
- ⑬ 25MPa POURED CONCRETE FLOOR, MINIMUM 50mm THICK, TO BE HAND FINISHED. FLOOR TO DRAIN TO SUMP
- ⑭ 25MPa CONCRETE FLOOR SUPPORT BLOCK FOR GATE VALVE & TEE. PROVIDE BOND BREAKER BETWEEN CONCRETE VALVE BODY AND FITTING BODY
- ⑮ VALVE STEM EXTENSION AS PER OPSD 1101.020
- ⑯ VALVE BOX ASSEMBLY AS PER OPSD 1101.020. ADJUST TO SUIT GRADE
- ⑰ MANHOLE COVER AND SQUARE FRAME AS PER OPSD 401.010 TO BE SET IN CEMENT MORTAR
- ⑱ MODULOC EXTENSIONS (1 MIN, 3 MAX) WITH ALUMINUM STEP
- ⑲ TWO LAYERS 50mm THICK SM RIGID INSULATION (TYPICAL)
- ⑳ GRANULAR BACKFILL TO BE MINIMUM 300mm THICKNESS ON ALL SIDES OF PRECAST CHAMBER AND GRANULAR BEDDING COMPACTED TO 100%% SPMDD
- ㉑ 75mm Ø STAINLESS STEEL VENT WITH VENT COVER
- ㉒ 685mm Ø VALVE CHAMBER CAP OPENING
- ㉓ GALVANIZED GRATE FOR SUMP
- ㉔ FLEXIBLE MATERIAL SEALANT
- ㉕ ALUMINUM STEPS AS PER OPSD 405.010
- ㉖ BACKFLOW PREVENTER
- ㉗ 100mmØ PVC DR28 SUMP DRAIN

3	REVISED DETAIL NAME	TOI	MAY 2021
2.	TO REFLECT TOWN STANDARDS	TOI	APRIL 2018
1.	REVISED TOWN LOGO	TOI	APRIL 2015
NO.	REVISIONS	APR'D	DATE



PRECAST VALVE CHAMBER FOR 450 & 500mmØ WATERMAINS GENERAL NOTES

DRAWN: A&A

APR'D:

SCALE: N.T.S.

DATE: JUNE 2011

METRIC
ALL DIMENSIONS IN mm
UNLESS OTHERWISE NOTED

**TOISD
724**