



1 DETAIL
SCALE 1:5

10mm ϕ STAINLESS STEEL CROSS BARS WELDED TO FRAME

6mm ϕ STAINLESS STEEL HOOP OVERFLOW BARS WELDED TO 10mm ϕ STAINLESS STEEL CROSS BAR

3mm STAINLESS STEEL FRAME

3mm STAINLESS STEEL PLATE WELDED TO FRAME (FLUSH WITH PLATE OF FRAME)

M12 STAINLESS FLANGED NUT (DOUBLE)

225 ϕ / 300 ϕ CATCHPIT OUTLET PIPE (WITH HALF SYPHON)

20x8 EXPANDED METAL MESH STAINLESS STEEL (12.5x5mm INTERNAL DIAMETER, 1.2mm THICK) ORIENTATION: 20mm ON HORIZONTAL

NOTES:

1. TOP OF UNIT OVERFLOW HOOP BARS TO BE A MINIMUM OF 125mm BELOW UNDERSIDE OF GRATE. BOTTOM EDGE OF UNIT TO BE 75mm BELOW INVERT OF OUTLET PIPE. WHERE ABOVE CRITERIA CANNOT BE MET SPECIFIC DESIGN REQUIRED.
2. DO NOT OVERTIGHTEN FLANGENUTS - ENABLE Tetra Trap TO BE REMOVED IF REQUIRED.
3. STAINLESS STEEL MATERIAL:
a) RAISED EXPANDED MESH: 316 FERRITIC STAINLESS STEEL (20x8x1.2mm).
b) FRAME: 316 STAINLESS STEEL
4. SPECIFIC DESIGN TO BE UNDERTAKEN IN TERMS OF COMPATIBILITY WITH CATCHPIT STRUCTURES, PRIORITIES AND CHARACTERISTICS WITHIN CATCHMENTS TO DETERMINE Tetra Trap SUITABILITY AND TYPE. APPROVAL BY AUCKLAND TRANSPORT IS REQUIRED.

PREPARED BY GHD:

Auckland Transport
An Auckland Council Organisation

Auckland Transport

**STORMWATER CATCHPIT
DEVICE
Tetra Trap 1**

SCALE : NTS

DRAWN : DX

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APPROVED :

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