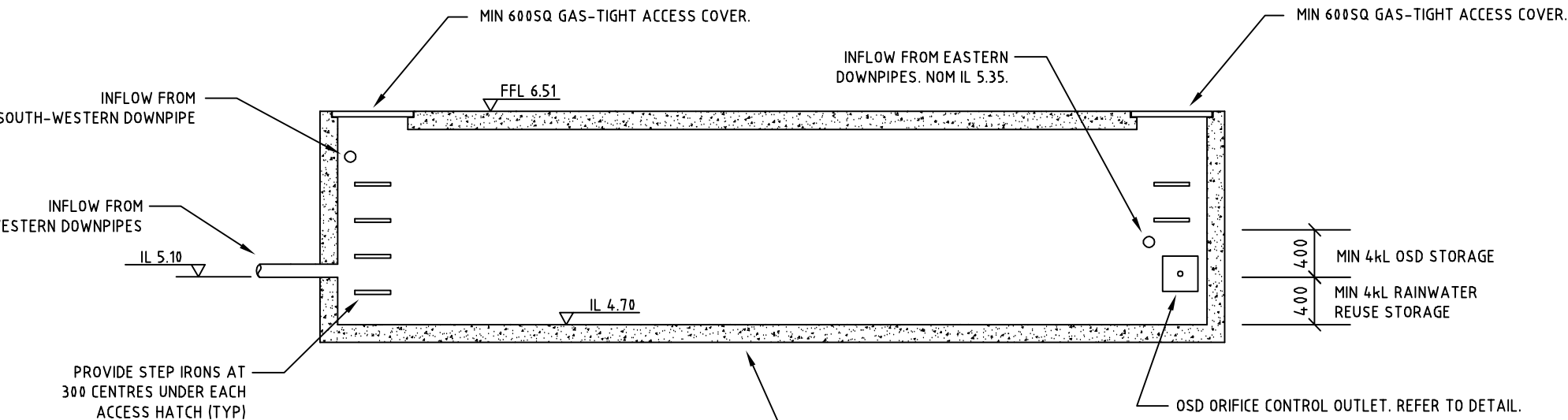
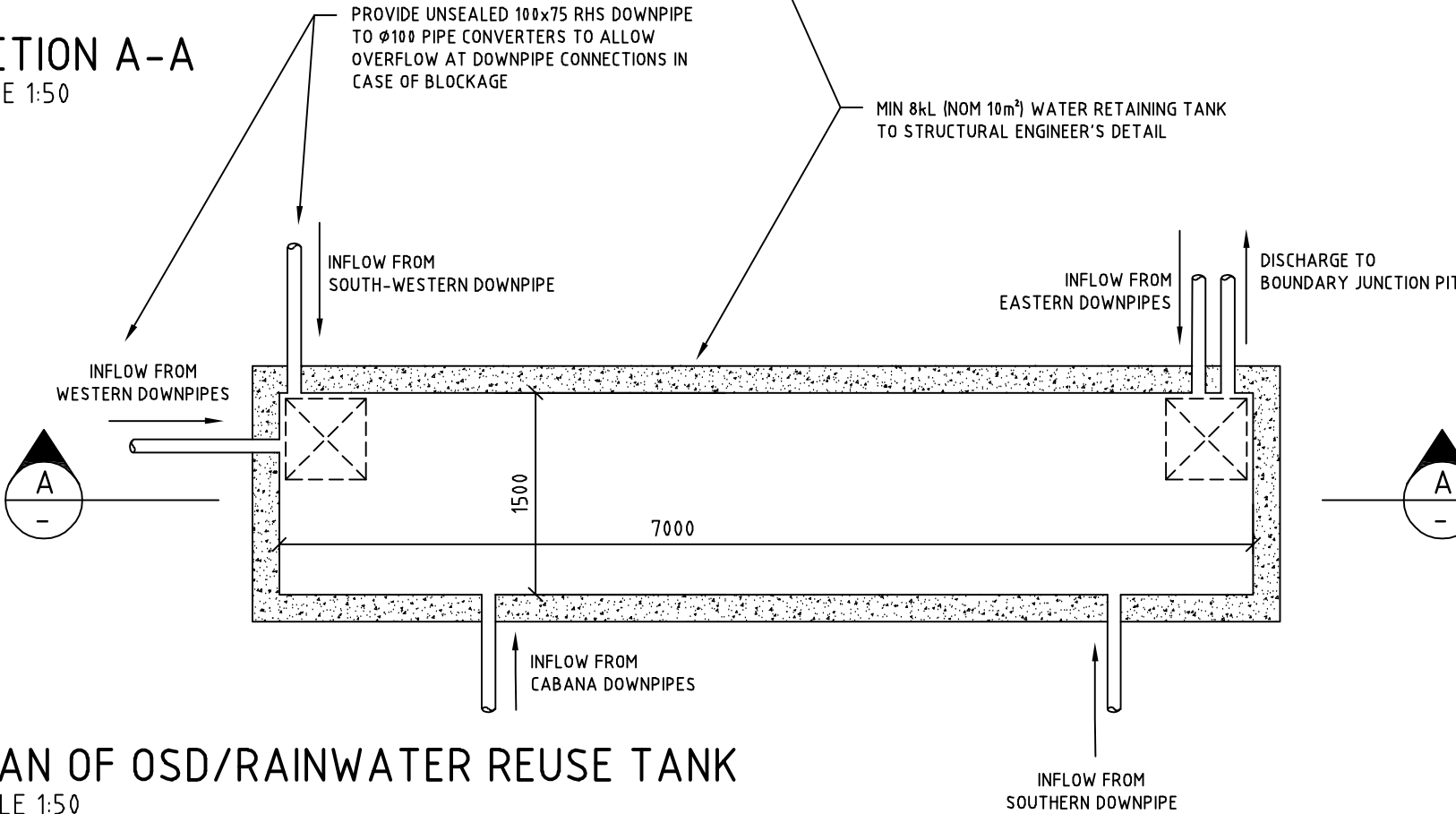


NOTE

REFER TO DWG 11626-C1.00 FOR SITE PLAN AND GENERAL NOTES



SECTION A-A
SCALE 1:50



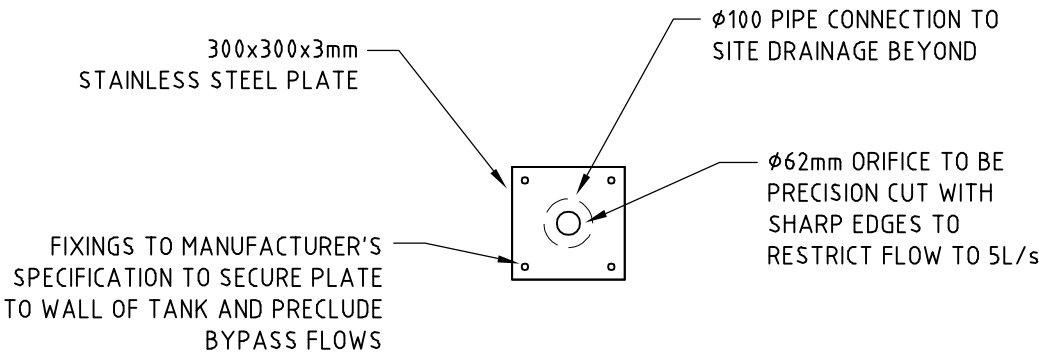
PLAN OF OSD/RAINWATER REUSE TANK
SCALE 1:50

RAINWATER TANK CONNECTIONS

RAINWATER REUSE TANK TO BE PERMANENTLY PLUMBED INTO AT LEAST ONE OUTDOOR TAP IN ACCORDANCE WITH BASIX REQUIREMENTS AND FITTED WITH APPROPRIATE BACKFLOW PREVENTION AND PUMP SUITABLE FOR SUPPLYING ALL POOL TOP UP AND ANCILLARY GARDEN AND OUTDOOR NEEDS.

SITE CALCULATIONS

SITE AREA	377 m ²
SITE IMPERVIOUS COVERAGE	
ROOFING	213
POOL TERRACE AND COPING	8
ENTRY AND SIDE PATHS	16
DRIVEWAY	21
TOTAL IMPERVIOUS AREA	258 m ² (68%)
AREA DRAINING TO OSD STORAGE	210 m ² (56%)
81% OF IMPERVIOUS COVERAGE => USE STREAMLINED METHOD	
SITE STORAGE REQUIREMENT (200m ³ /ha)	7.5 kL
PERMISSIBLE SITE DISCHARGE (400L/s/ha)	15 L/s
SITE AREA BYPASSING OSD	167 m ²
IMPERVIOUS AREA BYPASSING OSD	48 m ² (19%)
PEAK 100 YEAR ARI BYPASS FLOW	10 L/s
PEAK OUTFLOW FROM OSD BASIN	5 L/s



ORIFICE DETAIL

N.T.S.
N.B. CONSULT ENGINEER TO CONFIRM REQUIRED ORIFICE SIZE WHEN TANK DIMENSIONS AS CONSTRUCTED ARE KNOWN

The information contained on this drawing has been prepared for the exclusive use of the Client for this project. No liability or responsibility is accepted for use of this information by any third party or for any other project.

A	ISSUED FOR DEVELOPMENT APPROVAL	KW	KW	17.07.19	
ISSUE	DESCRIPTION	BY	APR	DATE	

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PROJECT:	PROPOSED NEW DWELLING 19 KOOLoola AVENUE FRESHWATER	DESIGN: K.W.	DATE: MAY 2019
DRAWING TITLE:	STORMWATER MANAGEMENT DETAILS	DRAWN: K.W.	SCALE: 1:20
		FILENAME: 11626-C1.01 (A).DWG	SIZE A3
		SIGNED:	REV
		DRAWING No:	11626-C1.01 A