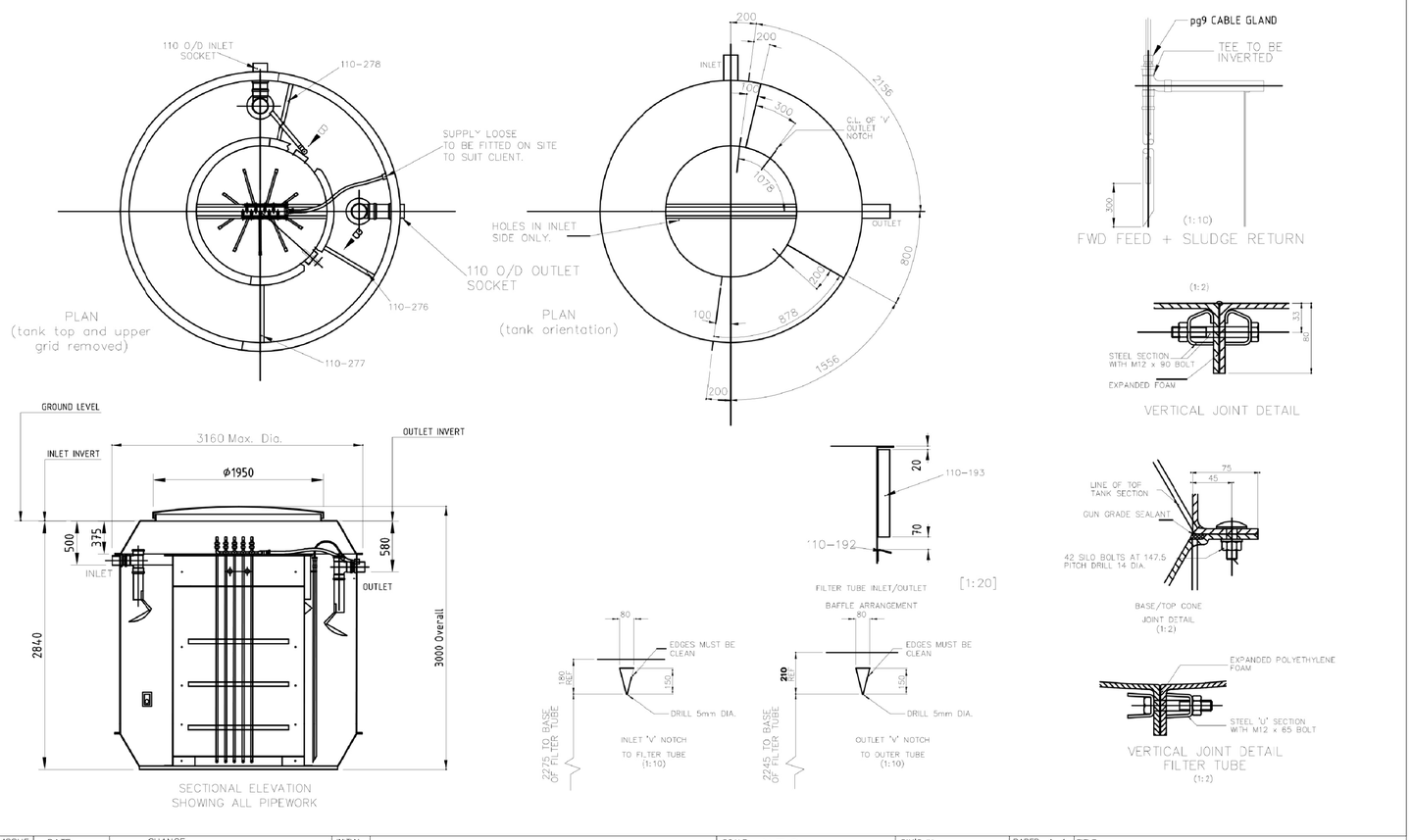
DRAWING NUMBER
DD-110-039

IF IN DOUBT, ASK

DO NOT SCALE



DESIGN	ISSUE	DATE	CHANGE	INITIAL
	L	04/11/02	NEW DRAWING	
	M	28.08.07	ADD FORWARD FEED	GT
CHECKED				
DRAWN				
GC				

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SCALE N.T.S.	DIM'S IN mm	PAPER SIZE A4	TITLE HPC 5 GENERAL ARRANGEMENT (UPFLOW)
TOLERANCES +/- 10mm			
MATERIAL			DRAWING NUMBER DD-110-039
FINISH			

Details

1 Loading Rates:

SOURCE	P.E	Flow L/day	BOD g/day	NH3 g/day	Flow m3/d	BOD Kg/d	NH3 Kg/d
Non-residential wedding guests	100	60	25	2.5	6.000	2.500	0.250
				Totals	6.000	2.500	0.250
				DWF	0.07	l/s	
				pE	40	41.6667	31.25
				PFT	18.00	m3/d	
					0.21	l/s	

Peak flow to treatment	0.21	L/sec
Max. BOD Conc.	416.67	mg/L
Max. NH4-N Conc.	41.67	mg/L
Desludge Frequency	90	Days
Population Equivalent	42	PE
pH	7 to 9	

1.1 Effluent Discharge Standards

Effluent Discharge Standard: 95%ile

BOD_5	20	mg/L
Suspended solids:	30	mg/L
Ammoniacal nitrogen:	20	mg/L

(Subject to sufficient alkalinity being present in the raw sewage)

- ✓ No toxic substances or biological inhibitors to be present in the influent

Specification

LB - Septic Tank Details

n.t.s

Notes:

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This drawing is only for the purposes described below and must not be used for any other purpose.

Do not scale from this drawing. All dimensions are in millimeters unless otherwise stated and should be considered as guides subject to on-site confirmations.

Prior to any work on site
Walker Associates Architects LLP must be contacted to check the validity of the drawing.

Rev	Date	Amendment	By

PLANNING 01

Client:
Ranah Stones Farm
Hazelhead Sheffield

Job:
Ranah Stones Farm Development

Drawing Title:
Large Barn
Septic Tank Details

Drawing No:
WAA 052 / P01 / LB 204

Scale:
n.t.s

Date:
Jan 2020

Drawn By:
eddm

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