



Section A-A
Filter Bed Minimum Area Requirements

Design Flow (litres/day)	Area, m ²			Length, L, m			
	A1	A2	A3	L1	L2	L3A	L3B
1100	15	65	275	3.9	8.1		
1600	22	95	400	4.7	9.8		
2000	27	118	500	5.2	10.9		
2500	34	147	625	5.9	12.2		

$A1 = \text{Affective area of top of filter sand} = Q / 75$
 $A2 = \text{Contact area at base of filter sand} = Q \times 50 / 850$
 $A3 = \text{Area of mantle/clay interface} = Q / 4$

} T=50 or More (Clay)



DETAIL
SEWAGE SYSTEM
FILTER BED
SECTIONS & DETAILS

PERMIT APPLICATION # _____
REVIEWED BY: _____
DATE: _____

DWG. NO.
X07
01-05 06