



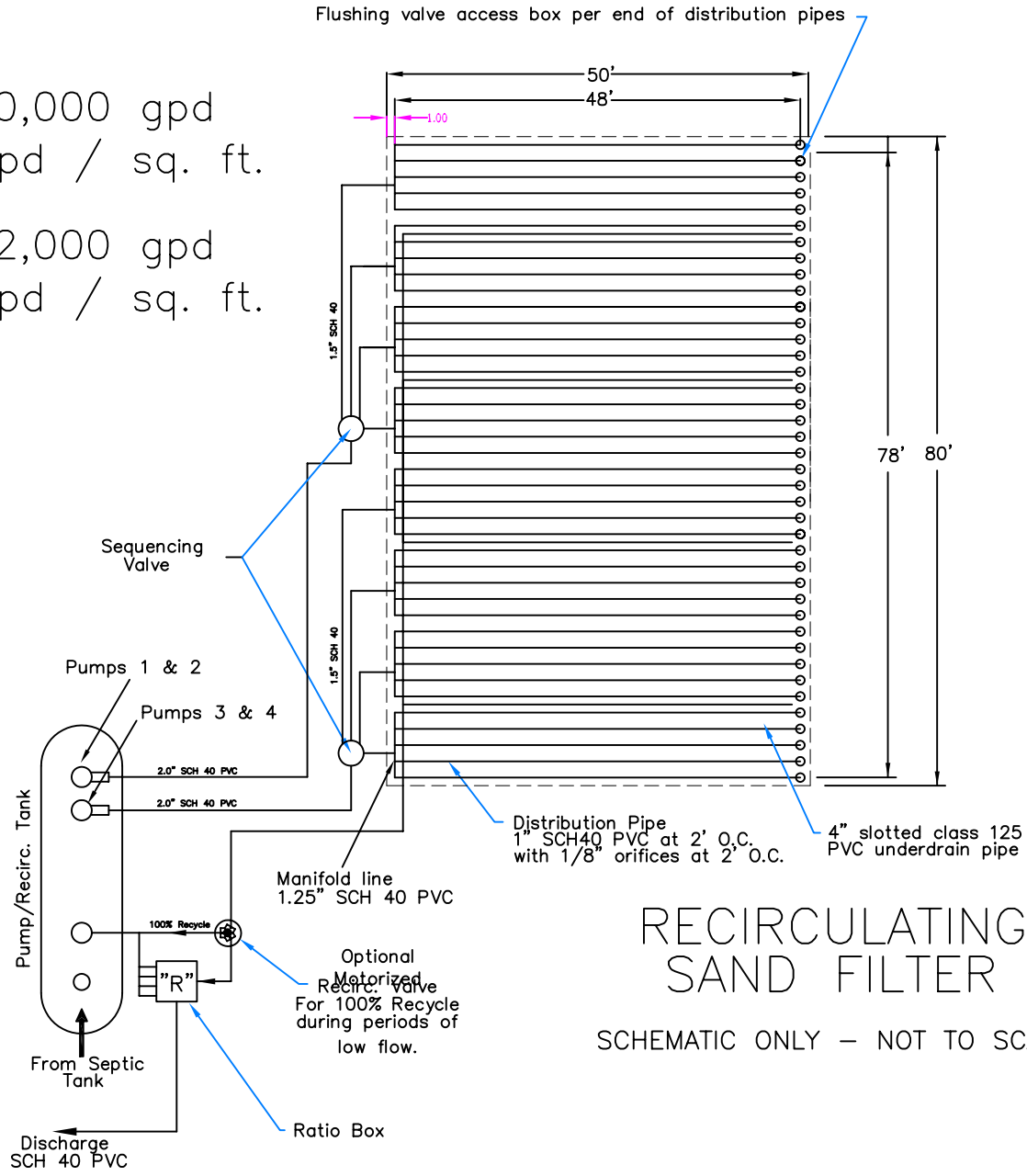
AMERICAN MANUFACTURING

1-800-345-3132 * www.americanonsite.com

RECIRCULATING SAND FILTER

20,000 gpd
5 gpd / sq. ft.

12,000 gpd
3 gpd / sq. ft.



RECIRCULATING SAND FILTER
SCHEMATIC ONLY - NOT TO SCALE

Ratio Box
"R" = 4 Port Recycle,
1 Port Discharge
OR
Distribution Box

AMERICAN MANUFACTURING CO.			
5517 WELLINGTON ROAD, GAINESVILLE VA22065 PHONE : 703-754-0077			
PROJECT NAME :	DRAFTER	DATE	
	CHECKED	DATE	
	APPROVED	DATE	
COUNTY :	TITLE : RSF SCHEMATIC DETAIL SF245		
DESIGNED BY :			



AMERICAN MANUFACTURING

1-800-345-3132 * www.americanonsite.com

RECIRCULATING SAND FILTER

Distribution Pipe
1" SCH40 PVC at 2' O.C.
with 1/8" orifices at 2' O.C.

Manifold line
1.25" SCH 40 PVC

SCH 40

SEQUENCING VALVE

Sequencing Valve

Pumps 1 & 2

Pumps 3 & 4

2.0" SCH 40 PVC

2.0" SCH 40 PVC

Pump/Recirc. Tank

1.5" SCH 40

4.0" GRAVITY

4" slotted class 125
PVC underdrain pipe

Flush Valve

100%
Recycle

"R"

Optional Motorized Recirc. Valve
For 100% Recycle during
periods of low flow.

From Septic
Tank

Discharge

SCH 40 PVC

Ratio Box
4 Port Recycle,
1 Port Discharge

AMERICAN MANUFACTURING CO.

5517 WELLINGTON ROAD, GAINESVILLE VA22065 PHONE : 703-754-0077

PROJECT NAME :

DRAFTER DATE

CHECKED DATE

APPROVED DATE

COUNTY :

TITLE :
TREATMENT
SCHEMATIC
SF245

DESIGNED BY: