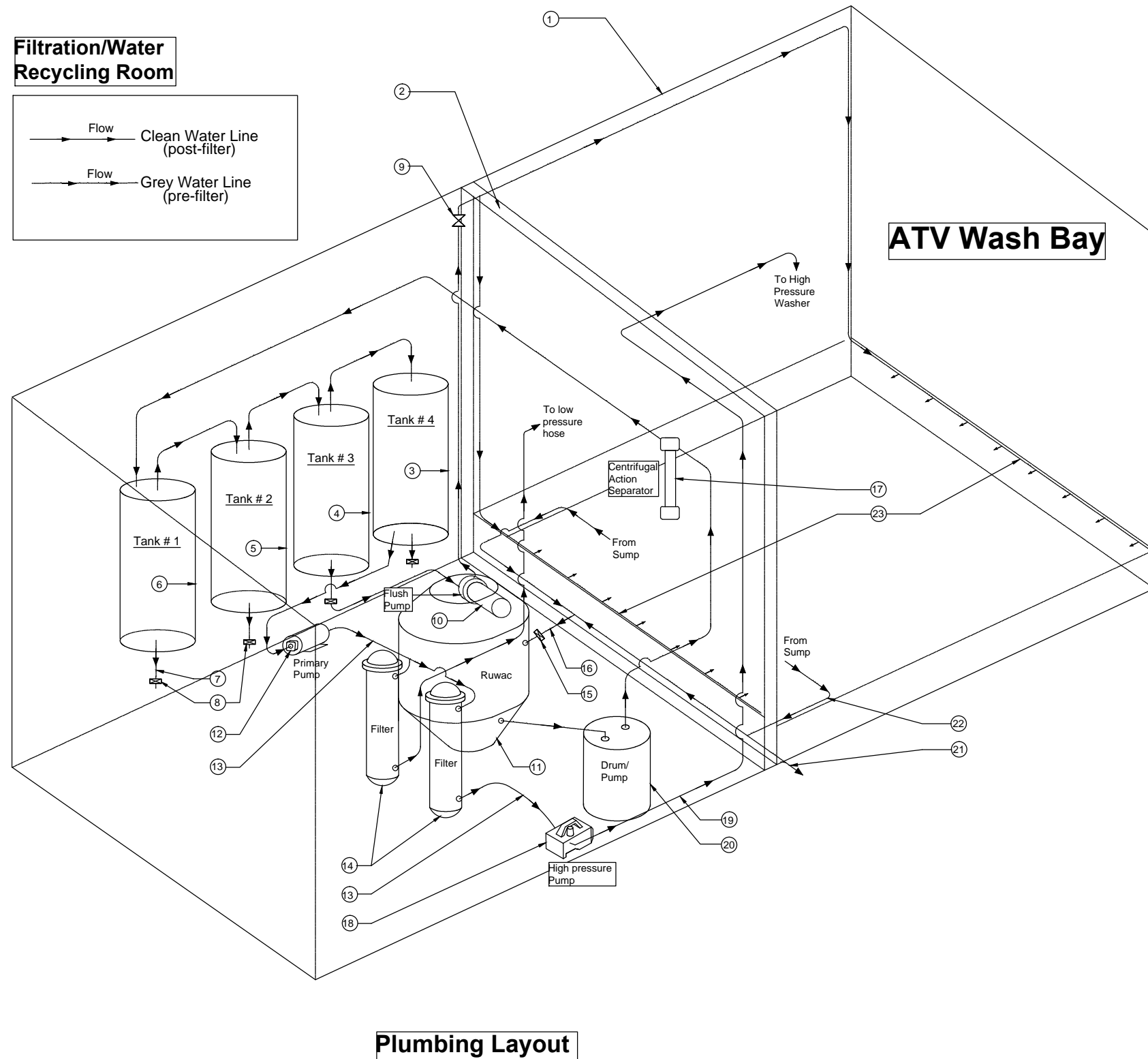


READ INSTRUCTIONS BEFORE USING THIS FILE



Plumbing Layout

No Scale

Materials List				
Item	Quantity	Description	Part #	Supplier
1	1	20' (L) x 8' (W) x 8'-6" (H) ISO Shipping container		*Martin Container-container.com
2		Partition Wall-4 x 8-1/4" plywood (see sheet 2 for complete list)		Local hardware store
3-6	4	100 gallon *Poly Processing poly tank	44000115	*Core-Rosion Products
7	1	1 1/2" ABS pipe fittings.		Local hardware store
8	4	1 1/2" *Valterra valve		*valterra.com
9	1	Anti-siphon valve		Local hardware store
10	1	1.5 HP *Dayton Centrifugal pump	2ZWU6	*grainger.com
11	1	*Ruwac main vacuum- ATV wash Down System SO#8094	#USFORESTSERVICE	*ruwac.com
12	1	Diaphragm pump (Primary Pump)	4300-043A	*pumpbiz.com
13	1	1" flex hose		Local hardware store
14	2	50 micron filters and housing	X100B	*fsifilters.com
15	1	2" *Valterra gate valve		*valterra.com
16	1	Flex coupling		Local hardware store
17	1	Centrifugal-Action Separators	ILB	*Lakos.com
18	1	High pressure pump-Hand carry pressure washer kit	1500A	*Ultimatewasher.com
19		High pressure hose included with pump kit (see #18)		
20	1	30 gallon drum with pump see detail 1 sheet 12		ruwac.com
21		Discharge outlet (see notes)		
22	1	1 1/2" diam. stainless steel elbow, see sheet 13.		Local hardware store
23	1	1 1/2" diam. Sch. 80 PVC pipe		Local hardware store
Note: * Or approved equal.				

Notes: ①

1. 20 foot ISO shipping container L-20', W-8', H-8'-6".
2. Partition wall. Plywood paneling on all interior walls in wash bay.
3. 100 gallon fresh water tank on 24" support rings. Water tank pumps located beneath tank stand. (See sheet 8) Tank #1
4. 100 gallon fresh water tank on 24" support rings. Water tank pumps located beneath tank stand. (See sheet 8) Tank #2.
5. 100 gallon water settling tank on 24" support rings. Water tank pumps located beneath tank stand. (See sheet 8) Tank #3.
6. 100 gallon watertank (sump flushing) on 24" support rings. Tank pumps located beneath tank stand. (See sheet 8) Tank #4.
7. 1 1/2" ABS pipe fittings.
8. Discharge valve, typ.
9. Anti-siphon valve.
10. 1 1/2 hp stainless steel flush pump.
11. Ruwac main vacuum
12. Primary pump.
13. 1" flex hose.
14. 50 micron filter.
15. 2" Valterra gate valve.
16. Flex coupling.
17. Centrifugal-Action Separator
18. High pressure pump.
19. High pressure hose.
20. 30 gallon drum with pump see detail 1 sheet 12.
21. Winterizing discharge outlet.
22. Sump return 1 1/2" diam. pipe see sheet 13.
23. Flush water pipe, 1 1/2" Sch. 80 P/V

NOT TO SCALE



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
**RECREATION FACILITIES
DESIGN CATALOG**

DRAWING NAME

ATV WASHER

PLUMBING SCHEMATIC

WS_WSHR_ATV_01-05.pdf

BUILT ENVIRONMENT IMAGE GUIDE PROVINCE(S) (BEIG)

☒ ALL ☐ NORTHEAST ☐ SOUTHEAST COASTAL ☐ GREAT PLAINS ☐ NORTH PACIFIC
☐ LAKES ☐ SOUTHEAST MOUNTAIN ☐ ROCKY MOUNTAIN ☐ SOUTHWEST

RECREATION OPPORTUNITY SPECTRUM (ROS)

<input checked="" type="checkbox"/> PRIMITIVE	<input checked="" type="checkbox"/> SEMI-PRIMITIVE	<input checked="" type="checkbox"/> MOTORIZED	<input checked="" type="checkbox"/> RURAL
<input checked="" type="checkbox"/> SEMI-PRIMITIVE NON-MOTORIZED	<input checked="" type="checkbox"/> ROADED	<input checked="" type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> URBAN

SHEET

5 OF **14**