

PLUMBING NOTES - Equipment Room

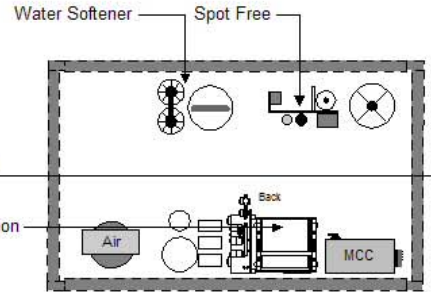
Spot Free (R/O) Machine: requires one 1" copper supply line terminated with ball valve and 3/4" FPT.

Water Softener: requires one 1" copper line in and one 1" copper line out to pumping station with fresh water bypass (3 ball valves) for carbon service.

Pumping Station: requires one 1" copper line (city water) terminating in ball valve and 1" FPT and one 1" copper line softened water terminating in ball valve and 1" FPT.

Machine Control Center (MCC): requires 1/2" copper DRY air line terminating in ball valve and 1/2" FPT.

There are five (5) overflow lines from equipment that need access to an open site drain for overflow purposes. Additionally, the Spot Free machine rejects water at a 1 to 1 ratio. The reject water needs to have access to drainage as well.



Approximate Distances

41' 6"

36' 0"

PLUMBING NOTES - Equipment Room To Bay

- 1 x 1" schedule 80 galvanized pipe from pumping station in ER through attic trough down through carwash bay ceiling terminating 2' from ceiling in center of carwash bay. Both ends terminate in 1" FPT w/ 1" MPT x 1" MJIC brass fittings. Line pressure 1200 PSI.
- 1 x 3/4" schedule 80 galvanized pipe from pumping station in ER through attic trough down through carwash bay ceiling to the entrance end of the car wash and terminated 2' from the floor 2' from the front wall in 3/4" FPT w/ 3/4" MPT x 3/4" MJIC brass fitting. Line pressure 1200 PSI.
- 2 x 3/4" Stainless Steel tubing (1 from Spot Free (R/O) machine and 1 from pumping station) in ER through attic trough down through carwash bay ceiling terminating 2' from ceiling in center of carwash bay. Both ends terminate in 3/4" FPT x 3/4" brass MPT x 3/4" hose barb.
- 1 x 1/2" copper from air compressor in ER through attic trough down through carwash ceiling splitting and running to either end of bay for air to entrance and exit doors (automatic doors only). Terminate in 3/8" FPT both ends.

PLUMBING NOTES - Miscellaneous

1. Attic trough should be approximately 12" x 12", easily accessible and insulated with adequate freeze protection.
2. Grit Separator in center of carwash bay needs to be interconnected with existing reclaim tank system by 4" PVC line.
3. Vector car wash system requires 15 CFM of dry compressed air.

Wash Select II Entry System located front of building

15' 0"

16' 0"

6' 11"

24' 2"

Countdown Timer

