

Drawings for:

**GROOVE**  
COTWASH

Operated by: **WashPro**

Owner: WashPro Industries, LLC  
2808 W. 12th St., Suite 202  
Fort Worth, TX, 76107

Project Location:

## GROOVE EXPRESS CAR WASH

2525 NE 28th STREET  
FORT WORTH, TX. 76106

**PURCLEAN**  
SPOT FREE RINSE SYSTEMS  
**PURWATER**  
WATER RECOVERY SYSTEMS

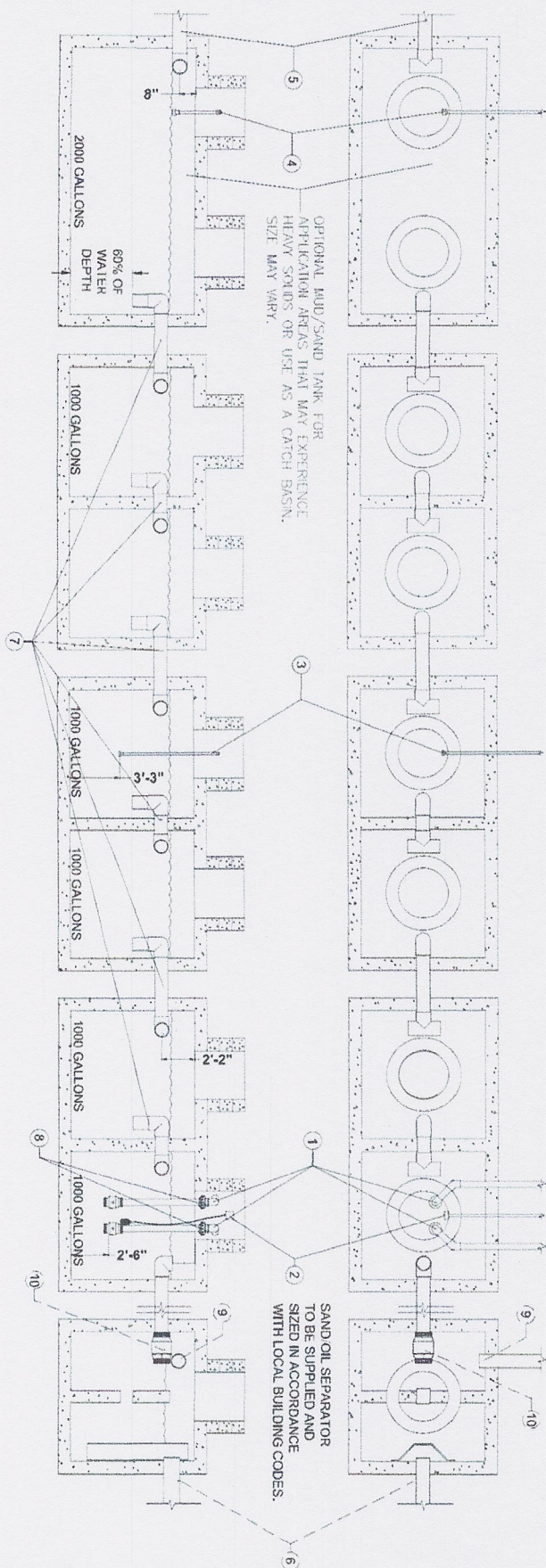
Reclaim Tank  
(Generic PurClean)  
Details

CW-3.4

NOTE: TANKING SHOWN FOR ILLUSTRATIVE PURPOSE ONLY.

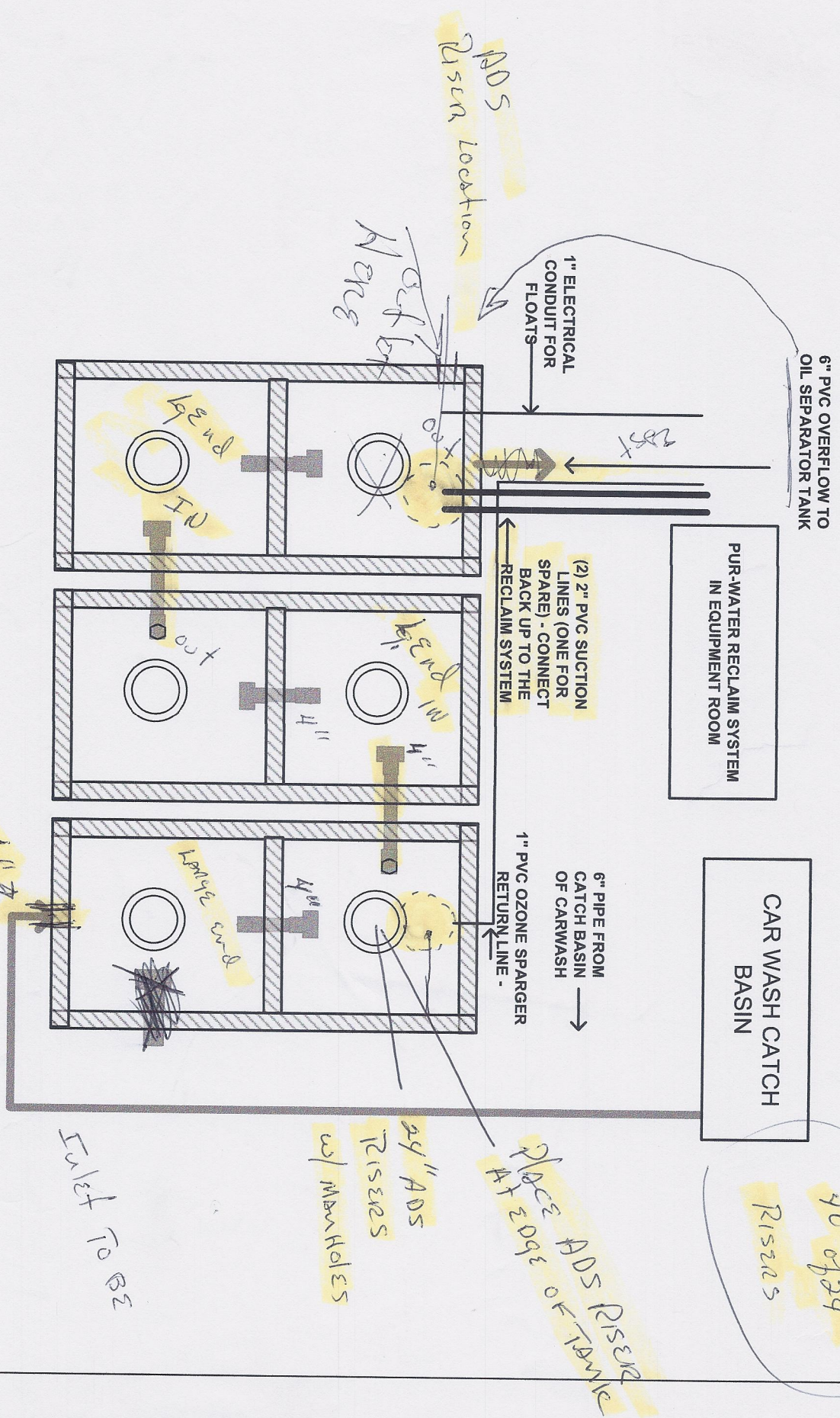
### LEGEND

1. 3" SCH 80 PVC SUCTION LINES FOR RECLAIM WATER PUMPING STATION, QTY (2)  
INCLUDING ONE SHARP TURN.  
SUCTION LINES TO BE EQUIPPED W/ FOOT VALVES, PRESSURE TEST  
THE LINE FOR 24 HRS AT 30 PSI BEFORE POURING CONCRETE, PROJECT LINES  
FROM FREEZING.
  2. WATERTIGHT JUNCTION BOX FOR LOW LEVEL FLOAT, (LOCATED ABOVE  
WATER LINE)
  3. RECLAIM REGULATION  
1" SCH 80 PVC WITH 90 DEGREE ELBOW, TERMINATE WITH A HORIZONTAL TEE 2"  
FROM THE TANK FLOOR.
  4. RECLAIM UNDERFLOW  
1 1/2" PVC SCH. 80, W/DISTRIBUTION TEE  
LOCATE JUST ABOVE WATER LINE, (USE SANITARY 90'S W/ IF N/VR POSSIBLE)
  5. 6" 1/2 IN-CH DRAIN FROM WASH BAY  
DISCHARGE TO SEWER.
  6. 6" SCH 80 PVC CROSS OVER PIPES, INLET  
SIDE TO BE PROVIDED WITH A DOWNWARD  
FACING ELBOW AND DROP PIPE TO A LEVEL  
EQUAL TO 80% OF WATER DEPTH, OUTLET  
TO BE PROVIDED WITH A HORIZONTAL TEE  
TO PROVIDE CIRCULATION IN THE TANK.
  7. 3" UNIONS LOCATED ABOVE WATER LINE.
  8. 6" TIRE SHIRE DISCHARGE FROM EXIT END OF CONVEYOR  
INTO RECLAIM TANKS, USE ONLY THREADED TYPE FOR EASY  
SERVICEREPLACEMENT
  9. 6" FLAPPER CHECKS TO PREVENT BACK FLOW  
INTO RECLAIM TANKS.
  10. 6" FLAPPER CHECKS TO PREVENT BACK FLOW  
INTO RECLAIM TANKS, USE ONLY THREADED TYPE FOR EASY  
SERVICEREPLACEMENT
- NOTES
1. POSITION TANKS SO THAT PLUMBING IS BE LOW FROST LINES IN AREAS WHERE  
FREEZING MAY OCCUR.
  2. PLUMBING LINES MUST BE RUN BELOW FROST LINE. LINES MAY BE RUN IN O  
THE SIDE OF THE TANK IF NECESSARY, YOU CLOSE TO FROST LINE.
  3. TANKING ARE FOR REFERENCE ONLY, CONSULT WITH JACK PAIN#ACTUATOR  
TO IDENTIFY SANDING CONDUCTIONS TO AVOID PRELATIONS.
  4. SEWAGE TREATMENT TANKS TO BE INSTALLED TO SCAL  
IT IS RECOMMENDED THAT TANKS BE LOCATED WITHIN 10' OF THE TANKS  
APPLICATIONS THAT ARE AT RISK OF HAVING SEWAGE BACKING UP INTO THE  
RECLAIM TANKING SYSTEM.
  5. AN ADDITIONAL SAND OIL SEPARATOR TO BE ADDED TO TANKING  
CONFIGURATION PER CITY/STATE REQUIREMENTS.
  6. DO NOT ALLOW ANY TIRE SHIRE PRODUCTS INTO RECLAIM TANKING SYSTEM.





1500 gal

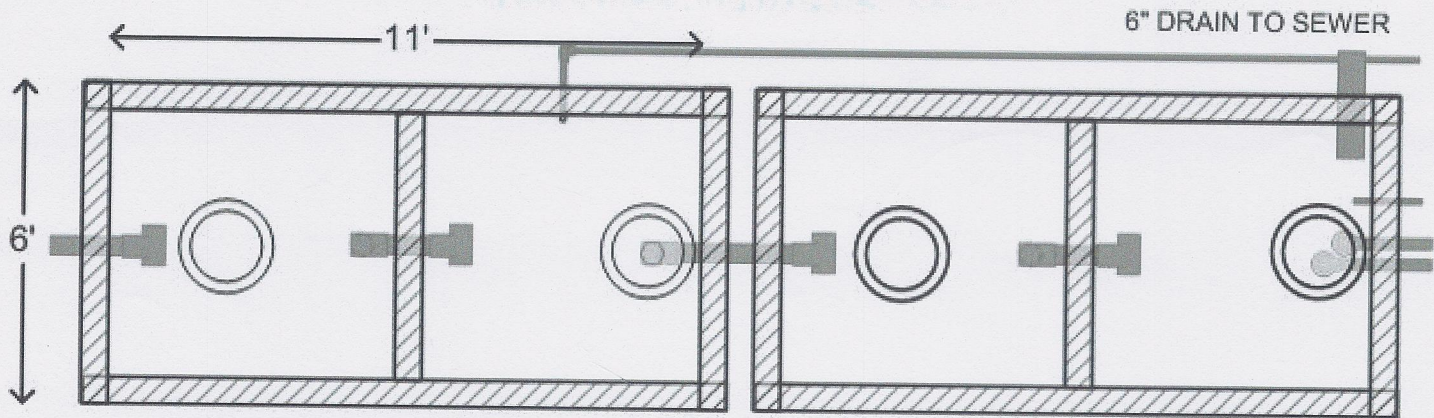


**PURWATER**  
WATER RECOVERY SYSTEMS



# TANK CONFIGURATION FOR 30 TO 60 GPM

**THIS IS THE SUGGESTED IDEAL CONFIGURATION FOR A 30 TO 60 GPM LOW TO MODERATE VOLUME PUR-WATER SYSTEM, PUR-WATER RECOGNIZES THE FACT THAT SEPTIC TANKS ARE A LOCAL BUSINESS AND NOT ALL AREAS WILL HAVE THESE CONFIGURATIONS, THIS DRAWING IS OFFERED AS A GUIDELINE ONLY IF YOU HAVE ANY QUESTIONS ABOUT A SIZE OR CONFIGURATION OF TANK IN YOUR AREA PLEASE CONTACT PUR-WATER AT 800 882-8854**



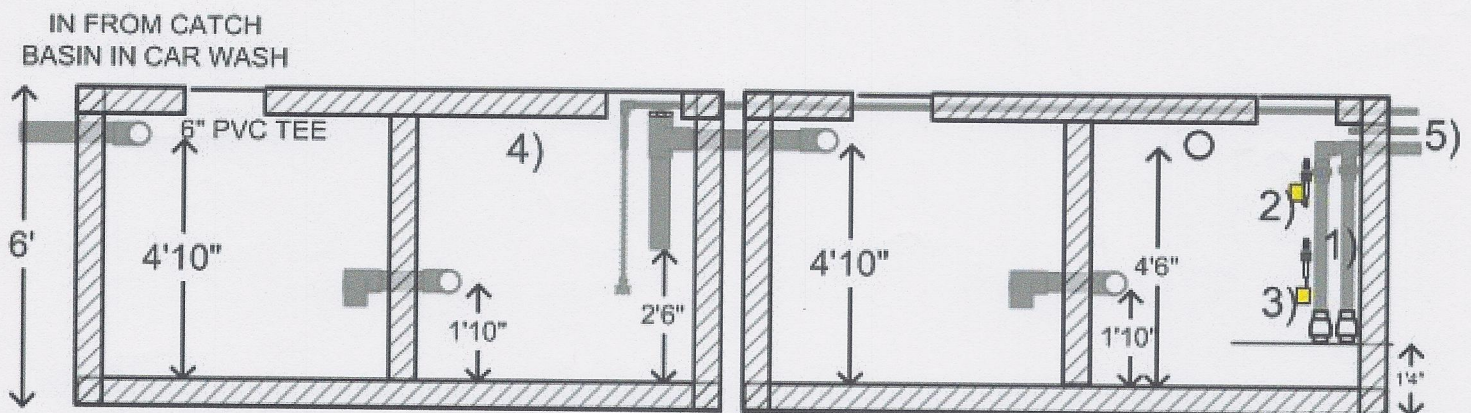
1) TO PUR-WATER RECOVERY SYSTEM TWO 2" SCH 80 PVC SUCTION LINES, ONE TO SERVE AS A SPARE LINES ARE STRAPPED TO THE TANK WALL INSTALL 2 SCH 80 UNIONS WITH O-RINGS TO ALLOW SERVICING OF THE SUCTION LINES TERMINATE SUCTION LINES W FULL FLOW FLAPPER CHECK VALVES NO SPRING LOADED FOOT VALVES

2) PUR-WATER PROVIDED LOW SAFETY LEVEL FLOAT SHOULD BE MOUNTED AS THAT IT WILL BE IN THE UP POSITION 6" BELOW THE SEWER OVER FLOW. THIS FLOAT CONTROLS THE AUTO-FILL FUNCTION TO KEEP RECLAIM TANKS TO THEIR OPTIMUM LEVEL

3) PUR-WATER PROVIDED LOWER LOW SAFETY LEVEL FLOAT SHOULD BE MOUNTED AS THAT IT WILL BE IN THE DOWN POSITION 10" ABOVE THE TOP OF THE FLAPPER CHECK. THIS FLOAT CONTROLS THE SAFETY FUNCTION TO PROTECT THE PUMP FROM A LOW WATER SITUATION

4) 1" SPARGER / OZONE RETURN LINE IF SPARGER SHOULD TERMINATE SO AS TO ALLOW THE SPARGER TO BE 1' ABOVE WATER LINE. IF AN OZONE SYSTEM LINE SHOULD TERMINATE 2' FROM BOTTOM OF TANK WITH A TEE SO AS TO SPREAD THE OZONE

5) 1" CONDUIT WITH (6) 14 GAUGE WIRES TERMINATED IN WATER TIGHT JUNCTION BOX RUN BACK TO PUR-WATER RECLAIM SYSTEM FOR FLOAT CONTROLS



TANKS APPROXIMATELY 1500 GALLONS EACH