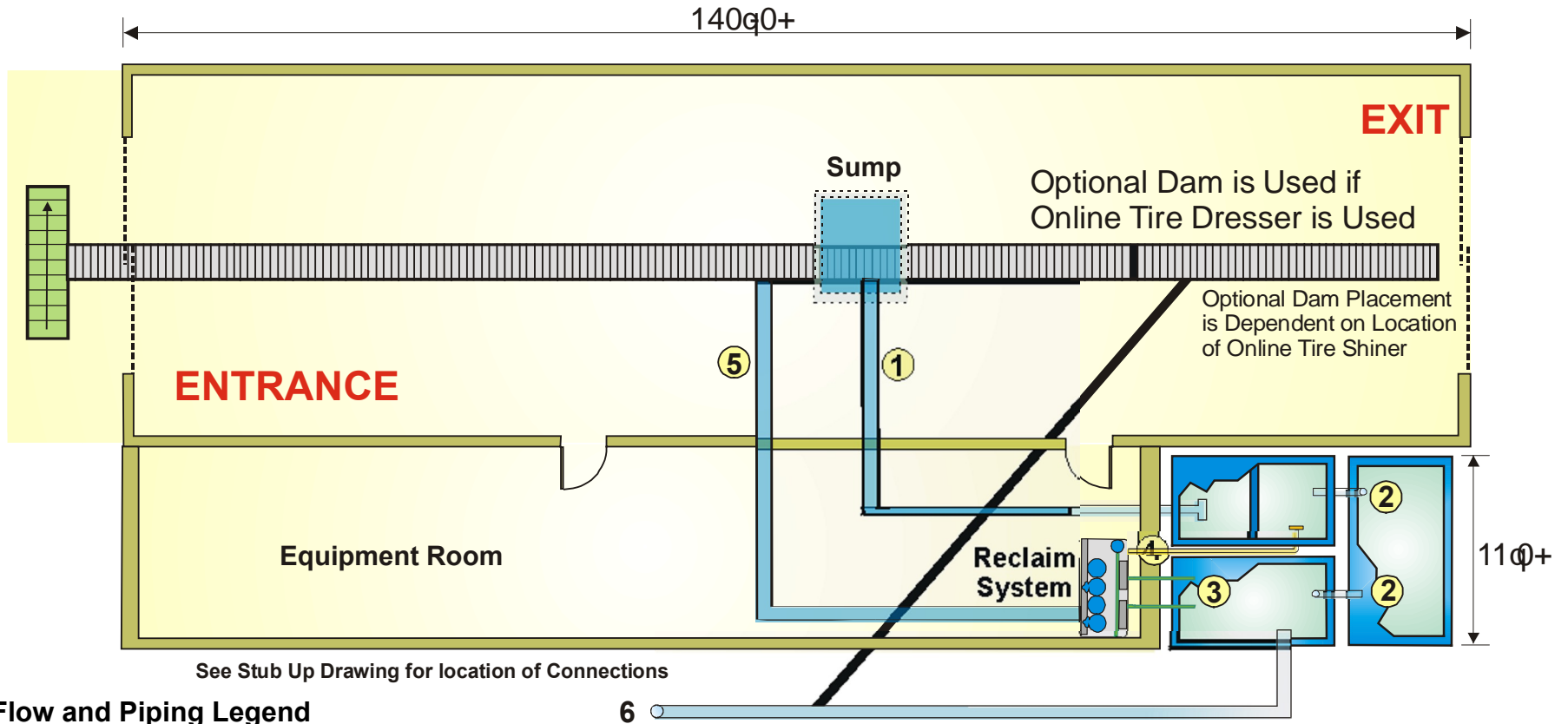


# Typical Tunnel Showing By-Pass Drain, Moveable Dam for Tire Shine

PLEASE NOTE: The standard Tunnel Layout can be modified to locate the sump and 6" drain line to any location of the trough. This drawing shows the sump and return line in the CENTER of the wash. The most important part of any recovery system is to have short pipe runs for both drain lines and suction lines. The normal pitch for the 6" return line is 1/4" per foot from the trough to the invert of Tank #1. The suction lines from Tank #3 are stubbed up at the location of the recovery unit in the equipment room and help eliminate the risk of suction leaks. Determine if the tanks will be positioned at the entrance or exit end of the car wash location. If the tanks are located at the ENTRANCE end then position the sump and the 6" return line within the first half or entrance of the conveyor trough. The reclaim system and stub up pipes should be located in that entrance portion of the equipment room as well. If the tanks are at the EXIT end then locate the sump and return line at any point from the center of the trough to the exit. Locate the reclaim system close to the tanks. PLEASE NOTE THE TYPICAL EXAMPLES SHOWING THE TANKS, RETURN LINES & RECLAIM SYSTEM ALL IN CLOSE PROXIMITY. The shorter the suction lines the higher the flow rates produced by the recovery system.



## Water Flow and Piping Legend

1. 6" PVC Drain, terminate with tee
2. 6" PVC Invert, plumb with tees as cleanout
3. Two 2" SCH 80 Suction Lines (for 2HP-3HP systems)  
Two 3" SCH 80 Suction Lines (for 5HP-10HP systems)
4. 1" PVC Ozone Return Line, terminate with tee
5. 3" PVC Backwash / Separator Drain Line
6. 6" Overflow to Sanitary Sewer

