SEPTIC TANK DESIGN CONSIDERATIONS:

- Daily Design Flow = 2,700 gallons
- MINIMUM PUMP TANK SIZE = DAILY DESIGN FLOW X 2.5 = 6,750 gallons
- TOTAL LIQUID STORAGE VOLUME PROVIDED = 4,830 gallons

FLOAT SWITCH SETTINGS:

- HIGH LEVEL ALARM = 70% TURBID OVERSIZED = 75% TIMED ON/OFF = 50% TURBID, OFFSET LEVEL ALARM = 54% TIMED DOSSING DESIGN:
- SINGLE PUMP CAPACITY = 1,000 GPM
- TIMED DOSSING VOLUME = 100 GALLONS
- DOSE RUN TIME = TO BE SET IN FIELD BY SEPTIC DESIGNER
- DOSES PER DAY = 8
TRANSFER TANK AND EFFLUENT PUMP

FLOAT SWITCH SETTINGS:
- High level alarm = 38" PUMP ON = 35" PUMP OFF = 33" REDEEP LEVEL ALARM = 26" (ALL FLOAT POSITIONS MEASURED UP FROM BOTTOM OF PUMP)

BAFFLE PARTITION WALL

BAFFLE CROSSOVER WILL BE
(Please check one)
- CROSSOVER PIPING
- FLOW THROUGH HOLES

IF USING FLOW THROUGH HOLES
- D: DIAMETER (IN)
- Q: QUANTITY (OF HOLES)

BAFFLE MUST PROVIDE A SOLID BARRIER FOR LIQUID/SOLIDS SEPARATION
- YES
- NO
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**WASHINGT O N STATE PARKS AND RECREATION COMMISSION**

**SCHAFER STATE PARK**

**RELOCATE CAMPGROUND**

**SHEET 76 OF 98**

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**PROJECT ENGINEER**

**N E X T**