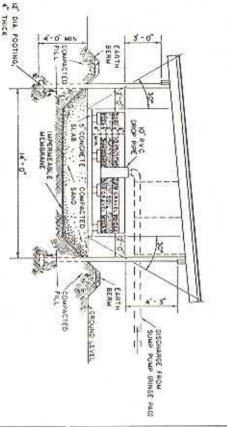


DOUBLE BELOW GROUND TANK

SEE TABLES I B 2 FOR TANK SIZE



ABOVE GROUND TANK

SEE TABLES I B 2 FOR TANK SIZE



8 Sept Aug. July Y June ¥5, 8 Har. Feb

1 E

0.85

Nov

- Maximum Adjusted Monthly Rinse Water Volume gallons/month - 00001 250 -100 500 -350 -200 -150 -700 - 1000 50 -2000 50 150 200 250 250 350 500 700 Minimum Recommended Surface Area of Tank (ftc) - (50% of free water evaporation rates - Morth Florida) Area of Tank sq. ft. 350 180 100 760 55
- Adjustment factor given in TABLE 2 TABLE 7: Correction Factors for Seasonal
- before determining tank area rinse volume (TABLE 1) by factor Use - Morthern Florida, multiply

17.

0.78 0.81 0.85 1.0 4 9.1

- Regulations. Design adjustments must be made for local evaporation design developed to comply with Florida Environmental Protection CAUTION: Plan is provided as a concept. The units closely follow rates. Construction clearance must be obtained from appropriate state and local environmental officials before building.
- Project angle of roof eave to overhang 30° from floor from points to be protected from rain.
- Use low pitched roof to minimize entry of rain. Slope should face fibergless would also serve. south to maximize solar gain. Glass roof would be best, but clear
- 2 2x8 been between 10' o.c. posts and 2x6 rafters (#3 Douglas Fir 2' o.c. with lx2 mailing girts 2' o.c. will support 21 lb/ft2 total roof load.

un

- 67 Area of tank surface should be based on evaporation rates for the 10' x 20' tank modules are suggested. Fiberglass or steel are sugarea in which constructed. This design used 50% of free water tion of chemicals. NOTE: Experience is too limited to publish gested. Soil and gravel layers are intended to facilitate a combiexpected degradation rates. nation of moisture movement upward and the photo/biological degrada-
- Pump(s) to be sized according to rate of waste water accumulation at openings into gravel layer. Total area of openings to be sufficient evaporation rates. should be considered an emergency feature. to trap water flow rates that exceed capacity of drop pipe, but this for rate of water flow. NOTE: There is a "freeboard" at top of Lank rinse pad. Discharge is into drop pipe that has perforations as other
- Both concepts provide a system for observance and entrapment of of tank fallure, overflow or leakage in evaporation tank. The above ground tank depends of the below ground system must allow no liquid discharge in the event The sand sump under the above ground tank and the "outer shell" tank alarm to detect leakage. on visual observance and the below ground tank requires an automatic Sus
- Earth bern to entircle area under roof to be high enough to prevent entrance of surface runoff or escape of wash water overflow
- All wood in contact with ground shall be pressure preservative treated.

Fencing of area from access by children or animals is recommended.

AGRICULTURE AND HOME ECONOMICS

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