

CONSTRUCTION NOTES

PERMITS: Construction of the sewage disposal system shall not commence until a permit has been obtained from San Mateo County Environmental Health Services.

PLAN CHANGES: Changes to the plans or specifications shall be made only after consultation with and approval of the designer and permitting agency.

PERMITTING: Construction of the sewage disposal system shall not commence until a permit has been obtained from the Santa Mateo County Environmental Health Services.

PLAN CHANGES: Changes to the plans or specifications shall be made only after consultation with and approval of the designer and permitting agency.

SEWAGE DISPOSAL DISTANCES: The construction work shall be in accordance with San Mateo County's **SEWAGE DISPOSAL DISTANCES**.

LOCATION OF THE SEPTIC TANK AND LEACHING TRENCHES: Locations shown on the plans are subject to adjustments in the field by designer with approval of the permitting agency. Trenches shall be installed along level contour to ensure the trench bottom is maintained level throughout the entire length. A tripod-mounted laser shall be required on the site.

DRAINAGE TRENCHES/LEACHING TRENCH: The following shall apply to drain field

- Ten feet from any building foundation.
- Ten feet from any property line.
- Trenches shall not exceed 5 feet in depth.
- Trenches shall be outside drip line of existing trees unless approved by permitting authority upon recommendation of licensed Arborist.
- 100' from any well
- Fifty-foot (50') from any slope exceeding 50 %.

1. INSTALL A NEW 200-GALLON CONCRETE SEPTIC TANK.
2. CONVERT THE EXISTING 150-GALLON SEPTIC TANK TO A PUMP TANK BY REMOVING Baffle TO CREATE A SINGLE COMPARTMENT TANK.
3. INSTALL A 1/2" COLLARS DISPERSE, EFFLUENT PUMP AND MOTOR WITH 1/2-INCH DISCHARGE. MODEL - W95B11PM.
4. INSTALL A RHOMBER SINGLE PUMP SIMPLIFIED PUMP, WITH MAGNETIC CONTACT-CORCUT BREAKER, 3/4" ARM HOUS AND BEACON, (8-15 FLA), NEMA 34 ENCLOSURE, & 3/4" FLOAT SWITCHES, AUXILIARY ALARM CONTACT. INSTALL THE CONTROL PANEL ON SIDE OF HOUSE VISIBLE FROM STREET.
5. INSTALL A 2,000-GAL. 12" DIA. TRANSPORT LINE FROM THE ATEND OF PRESSURE LINE WHEN CONNECTING TO PERFORATED PIPE WITHIN THE TRENCH. THE LOCATION OF THE TRANSPORT LINE SHALL BE CLEARLY MARKED TO AVOID FUTURE DAMAGE DURING LANDSCAPING, A TRACER WIRE IS RECOMMENDED THE PIPE SHALL BE INSTALLED ABOVE THE NEW DRAIN FIELD TRENCH.
6. INSTALL TWO LEACHING SYSTEM (DOL) LEACH AREAS 300' LINEAR FEET AND INTERCONNECTED WITH A 12" DIA. APPROVED TRANSPORT LINE.
7. INSTALL A 2" DIA. FLOW DIVERSION VALVE. BALL VALVES ARE RECOMMENDED.
8. INSTALL AN OVERFLOW PIPE FROM THE PUMP DOWNSIDE TANK TO THE FIRST DRAIN LINE AS SHOWN.
9. USE A STANDARD "POE-OVER" PIPE BETWEEN TRENCHES.

