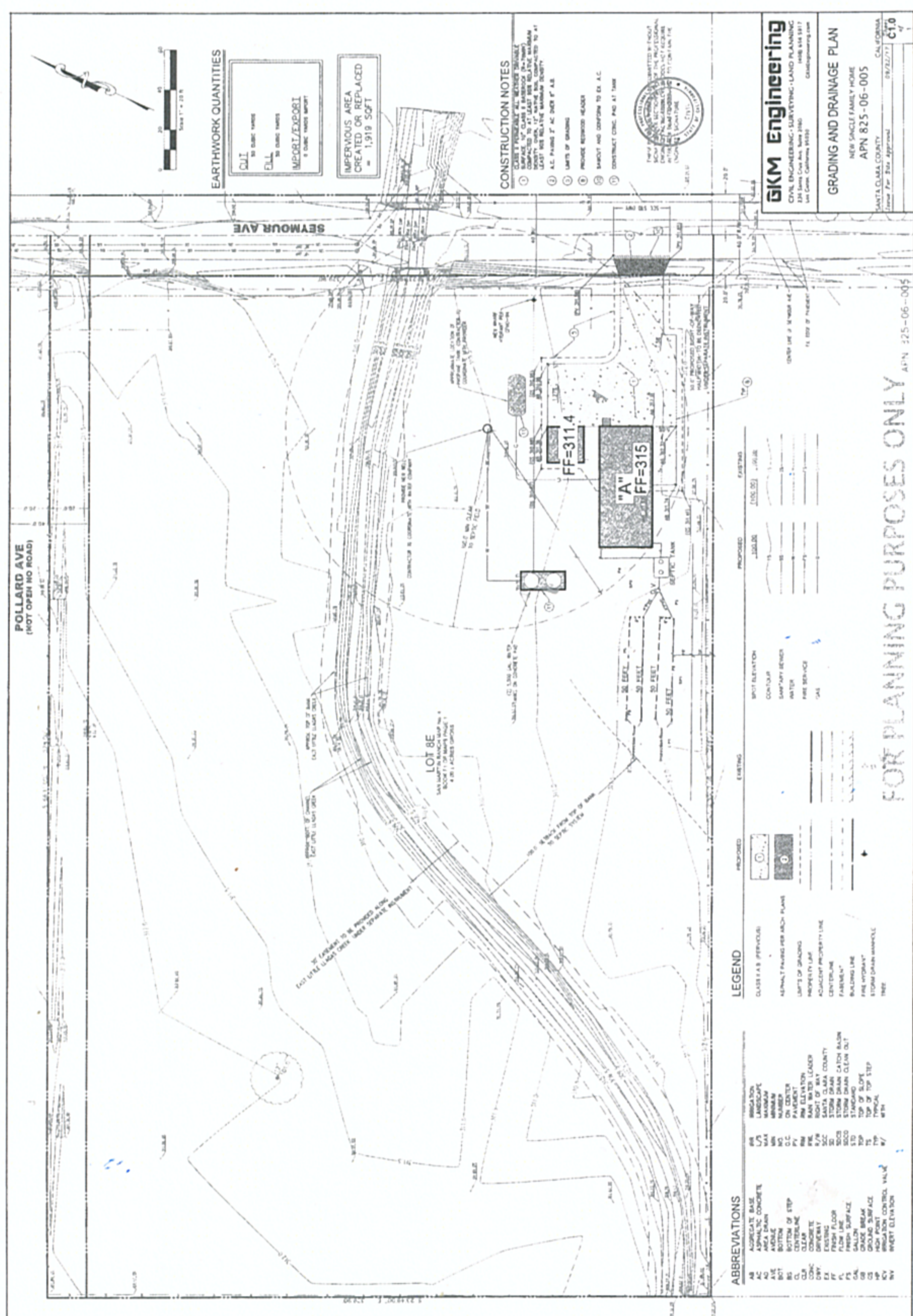
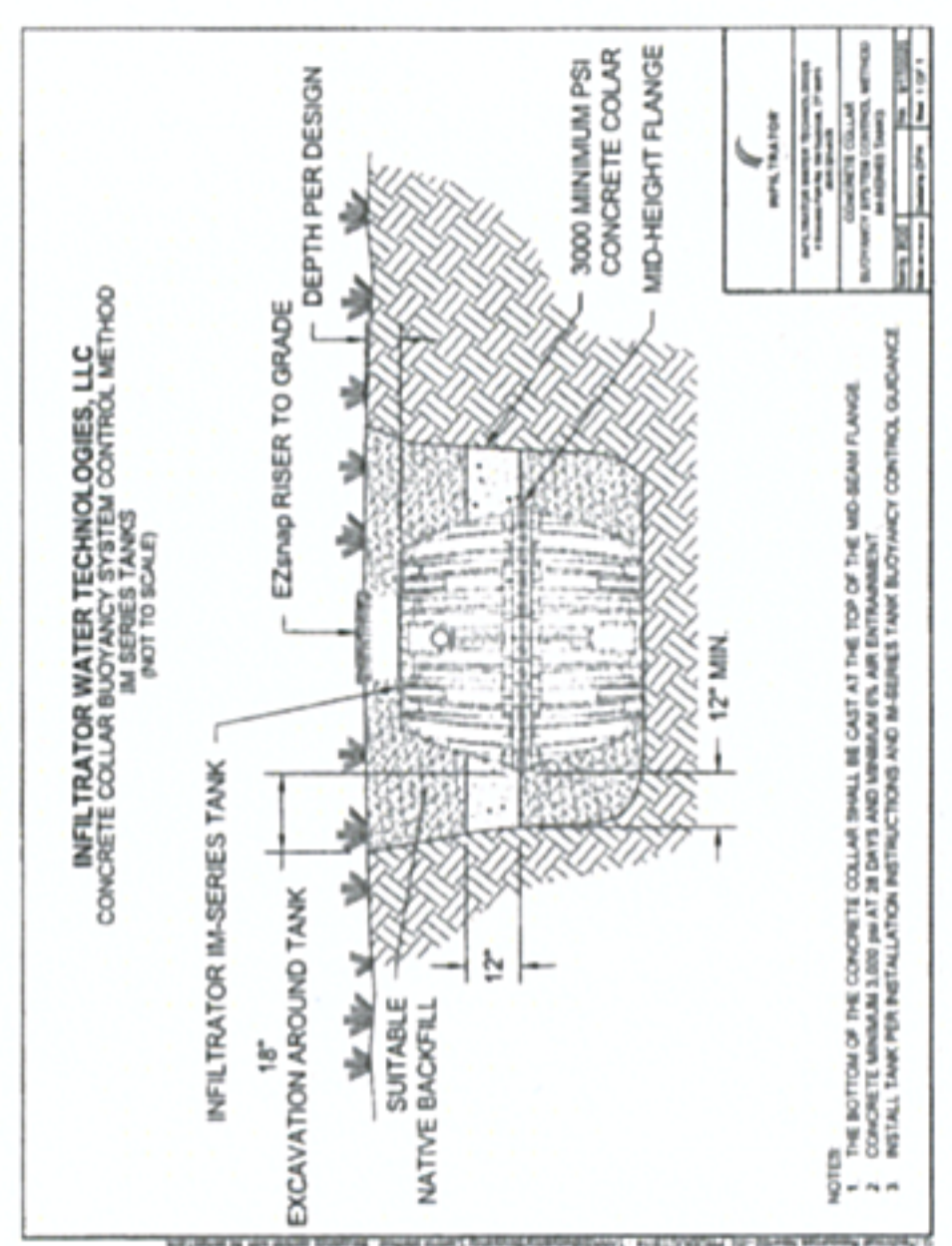


OWTS PLOT PLAN

CONSTRUCTION NOTES

1. Install a 1500-gallon Infiltrator Septic Tank with Concrete Collar Buoynancy System Control Method (see detail).
2. Septic tank must have an Effluent Filter on the outlet.
3. Septic tank must pass the water tightness test required by Santa Clara County DEH. (see note)
4. The top of septic tank shall be installed with top as close to native grade as practicable to allow gravity feed to the Diversion Valve and dispersal field.
5. Install a Bull Run Diversion Valve with 6 feet of the septic tank. The valve shall be enclosed in an irrigation box with cover to grade.
6. Connect each outlet of the diversion valve to the dispersal field as shown.
7. Install a dual dispersal field of 100 linear feet as shown.
8. Dispersal trenches shall be installed a 6 feet apart as measured center to center.
9. Dispersal trenches shall not exceed 3 feet in depth with bottom of trench level from one end to the other.
10. Install an Inspection Riser at the end of each trench as shown.
11. No portion of the OWTS shall be closer than 100 feet from the existing well.



WATER - TIGHTNESS TESTING

Testing must be witnessed by a representative of the County Department of Environmental Health Services. Testing shall be done with the risers in place and the inlet and outlet pipes plugged. The tank shall be filled with water to a level two (2) inches into the risers, and monitored for a 1-hour period, with no measurable drop in the water level.

DEH PERMIT STAMP

SEWERAGE SYSTEM REVIEW
SANTA CLARA COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
Project Description: New 3 bedroom SFR
APPROVAL RECOMMENDED
X. Installable system per rules (general health)
1. Obtain a permit from Environmental Health
Install flow: 1,100 gal tank = 10-AVE 100' - 100' each field
R.L.H.S. - DATE: 11-22-21
SFR Sewerage System Permit. Plans to used for all other applications.

WATER TIGHTNESS TESTING

Testing must be witnessed by a representative of the County Department of Environmental Health Services. Testing shall be done with the risers in place and the inlet and outlet pipes plugged. The tank shall be filled with water to a level two (2) inches into the risers, and monitored for a 1-hour period, with no measurable drop in the water level.

| NO. | DESCRIPTION | DATE | BY |
|-----|--------------------|----------|----------|
| 1 | Initial inspection | 11/22/21 | R.L.H.S. |
| 2 | Final inspection | 11/22/21 | R.L.H.S. |

FOR PLANNING PURPOSES ONLY

SIZING CALCULATIONS

TWO (2) BEDROOMS

STABILIZED PERCOLATION RATES
 $P_1 = 8.0 \text{ MPI}$ $P_2 = 7.3 \text{ MPI}$ $P_3 = 4.2 \text{ MPI}$ $P_4 = 4.8 \text{ MPI}$ $P_5 = 7.7 \text{ MPI}$ $P_6 = 3.8 \text{ MPI}$

AVERAGE STABILIZED PERCOLATION RATE = 6.0 MPI
 WASTE WATER APPLICATION RATE = 112 GPD/SQFT

1. Wastewater design flow
 2. Stabilized percolation rate
 3. Wastewater application rate
 4. Rock below pipe
 5. Width of trench
 6. Total infiltration area per linear feet

REQUIRED DISPERSAL FIELD = 100 L.F. ± 100 L.F.
 $450 \text{ GPD} \div 1.12 \text{ GPD/SQFT} = 401$
 $401 \div 4 = 100$

OWNER: ALBERTO GASCA

SCALE: 1" = 30'

DATE: 05/20/20

APN: 825-06-005

DESIGNED BY: STEVE BROOKS

DRAWN BY: SB

0 SEYMOUR AVE., SAN MARTIN

REVISIONS

