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## Los Angeles Regional Water Quality Control Board

November 22, 2021

Sarkis and Angela Mehtemetian  
10091 West McBroom Street  
Los Angeles, CA 91040  
[contact@sarkcustomawnings.com](mailto:contact@sarkcustomawnings.com)

**GENERAL WASTE DISCHARGE REQUIREMENTS FOR SMALL ADVANCED WASTEWATER TREATMENT SYSTEMS – SARKIS AND ANGELA MEHTEMETIAN RESIDENCE AT 10091 WEST MCBROOM STREET, LOS ANGELES, CALIFORNIA 91040 (FILE NO. 21-017, WDR ORDER NO. R4-2019-0024, SERIES NO. 026, CI NO. 10618, GLOBAL ID WDR100053465)**

Dear Sarkis and Angela Mehtemetian:

The Los Angeles Regional Water Quality Control Board (Regional Water Board), is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses of water within major portions of Los Angeles and Ventura Counties. The subject property is within the Regional Water Board's jurisdiction.

### Summary of Technical Reports

On February 18, 2021, the Regional Water Board received an application for Waste Discharge Requirements (WDRs) submitted by Ms. Angela Mehtemetian and Mr. Sarkis Mehtemetian (Dischargers). The Dischargers propose to install an advanced onsite wastewater treatment system (Advanced OWTS) to treat wastewater at the Sarkis and Angela Mehtemetian Residence (Site) located at 10091 West McBroom Street, Los Angeles, California 91040 (Figure 1).

The property is a 28,401-square foot lot which is currently serving as a horse arena. The Discharger is proposing construction of a 2-story, 4-bedroom house with a new advanced OWTS and a 6-foot diameter, 32-foot deep seepage pit. (Figures 2 and 3).

The new Advanced OWTS will consist of a 1200-gallon Jensen Precast and an Orenco AdvanTex AX25 RTN secondary wastewater treatment system. The AdvanTex AX25 RTN Tank is certified under National Sanitation Foundation/ American National Standards Institute (NSF/ANSI) Standard 40 with a 600-gallon per day (gpd) treatment capacity and consists of an 800-gallon recirculating treatment tank containing a textile treatment media (Figure 4). The Advanced OWTS will be installed 10 feet east of the proposed house between the house and the driveway. A 6-foot diameter, 32-foot deep seepage pit will be installed 10 feet south of the AdvanTex AX25 RTN tank (Figure 5).

LAWRENCE YEE, CHAIR | RENEE PURDY, EXECUTIVE OFFICER

The estimated maximum discharge volume to the proposed new Advanced OWTS is 600 gpd (4 bedrooms x 150 gpd per bedroom). The maximum daily discharge volume shall not exceed 600 gpd based on the treatment capacity.

Results of percolation tests recorded on January 23, 2020 indicated percolation rates at the subject site of 14.96 to 15.46 gallons per square foot per day (gals/sq.ft./day). The City of Los Angeles requires that any OWTS cases that have a percolation rate greater than 5.12 gals/sq.ft./day be referred to the Regional Water Board for General WDRs.

### **Summary of Regional Water Board Review and Requirements**

You are required to obtain WDRs because the geological conditions at the Site cannot be covered by the Conditional Waiver of Waste Discharge Requirements in the *Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems* (OWTS Policy), adopted by the State Water Resources Control Board on June 19, 2012 and amended on April 17, 2018.

Regional Water Board staff has reviewed the information provided and has determined that the proposed discharge meets the conditions specified in General WDRs Order No. R4-2019-0024, *General Waste Discharge Requirements for Advanced Wastewater Treatment Systems*, adopted by the Regional Water Board on February 14, 2019.

Enclosed are your General WDRs, consisting of Order No. R4-2019-0024, Monitoring and Reporting Program (MRP) No. CI-10618, and Standard Provisions Applicable to WDRs (Attachment E of the Order). Based on the location of the Site and anticipated performance of the proposed Advanced OWTS, the requirements specified in Order No. R4-2019-0024, including effluent quality limitations specified in Section III and numeric limitations in Table 2 of the Order, are applicable to your discharge. At this time, the groundwater limitations specified in Section IV.B (Table 4) of the Order are not applicable to your discharge and therefore, groundwater monitoring is not required.

The Site is located in the northern foothills of the Verdugo Mountains and is in the area of San Fernando Valley Groundwater Basin – Sunland Tujunga area subbasin (Basin). Consistent with Table 2 of the Order, the effluent limitation for total dissolved solids is 400 milligrams per liter (mg/L), for sulfate is 50 mg/L, for chloride is 50 mg/L, for boron is 0.5 mg/L, and for nitrogen is 10 mg/L as nitrate-nitrogen plus nitrite-nitrogen based on the groundwater quality objectives for the Basin. The Advanced OWTS at the Site is a secondary wastewater treatment system. Therefore, total coliform in the effluent shall not exceed 23 and 240 MPN/100 mL for monthly average and weekly average, respectively. Since there is no filtration system, turbidity limitations in Section III.B are not applicable. In addition, chlorination by-product limitations specified in Section III.C.3 are not applicable.

Should changes affecting the operation of the wastewater treatment system at the Site be needed, revised engineering drawings showing the changes must be filed with the Regional Water Board a minimum of thirty days prior to the change. You must receive approval from the Regional Water Board prior to making any changes to the Site.

The MRP requires you to implement the monitoring program on the effective date of coverage under this permit. When submitting monitoring or technical reports to the Regional Water Board per these requirements, please include a reference to "Compliance File No. CI-10618", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

You shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including monthly water usage, and pdf format monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100053465.

Please see Paperless Office Notice for GeoTracker Users, dated December 21, 2011 for further details at:

<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf>

You must discontinue use of the Advanced OWTS and connect to the sanitary sewer service within 12 months of sewer availability within 200 feet of the property served by the Advanced OWTS.

Should you sell or transfer this property, you are required to disclose the terms of the waste discharge requirements to the new property owner and submit the enclosed Board Order Transfer Request Form signed by the new owner with your written request for termination of enrollment under the General WDRs.

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the General WDRs in a separate letter if your Site is connected to a sewer system and the permit is no longer needed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

If you have any additional questions, please contact the Project Manager, Mr. Ryan Nickerson at (213) 620-6119 ([ryan.nickerson@waterboards.ca.gov](mailto:ryan.nickerson@waterboards.ca.gov)) or the Chief of Groundwater Permitting Unit, Dr. James Kang, P.E. at (213) 576-6683 ([jim.kang@waterboards.ca.gov](mailto:jim.kang@waterboards.ca.gov)).

Sincerely,

 Digitally signed by R Purdy  
Date: 2021.11.21 11:43:27 -0800  
Water Boards

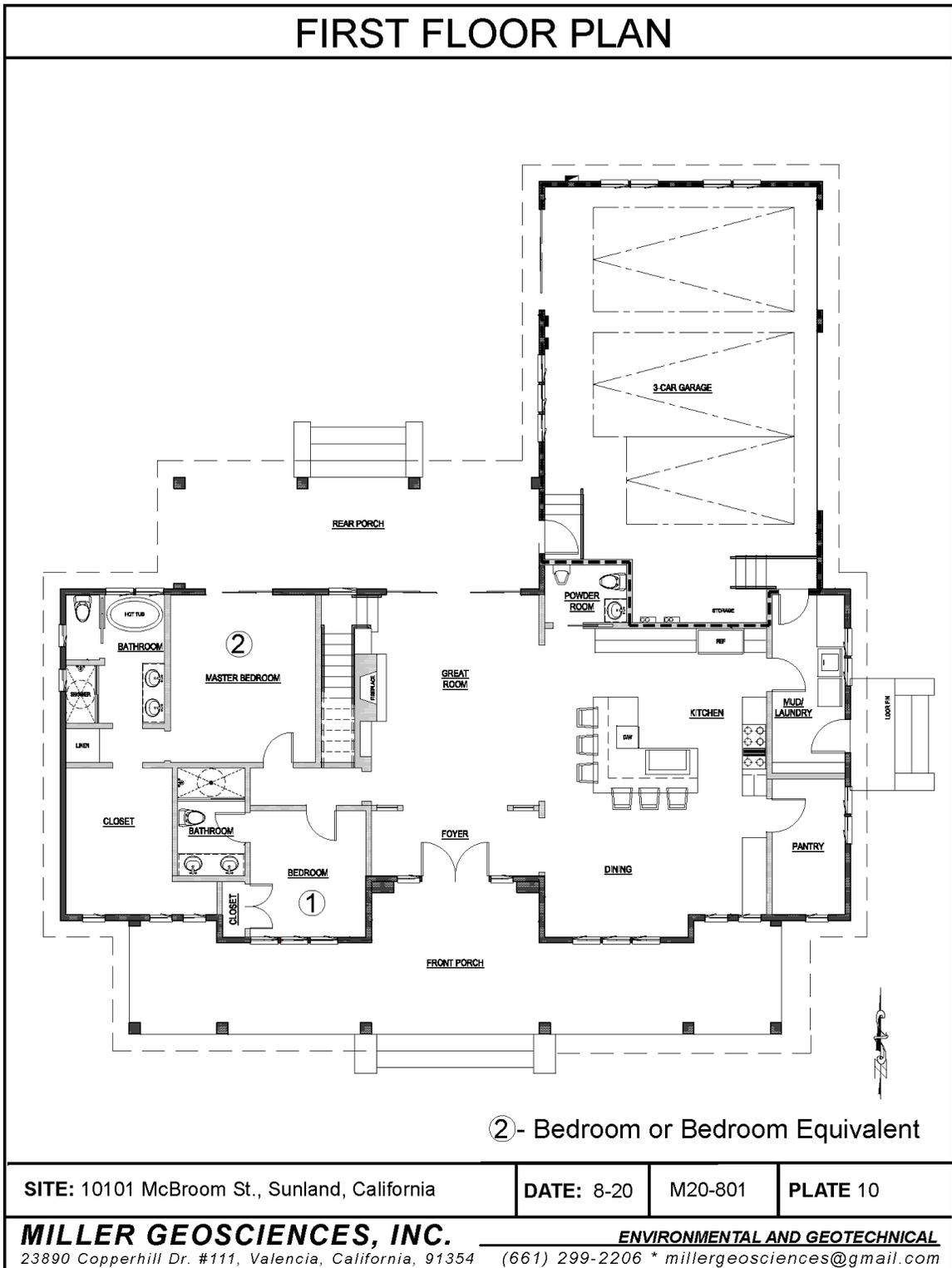
Renee Purdy  
Executive Officer

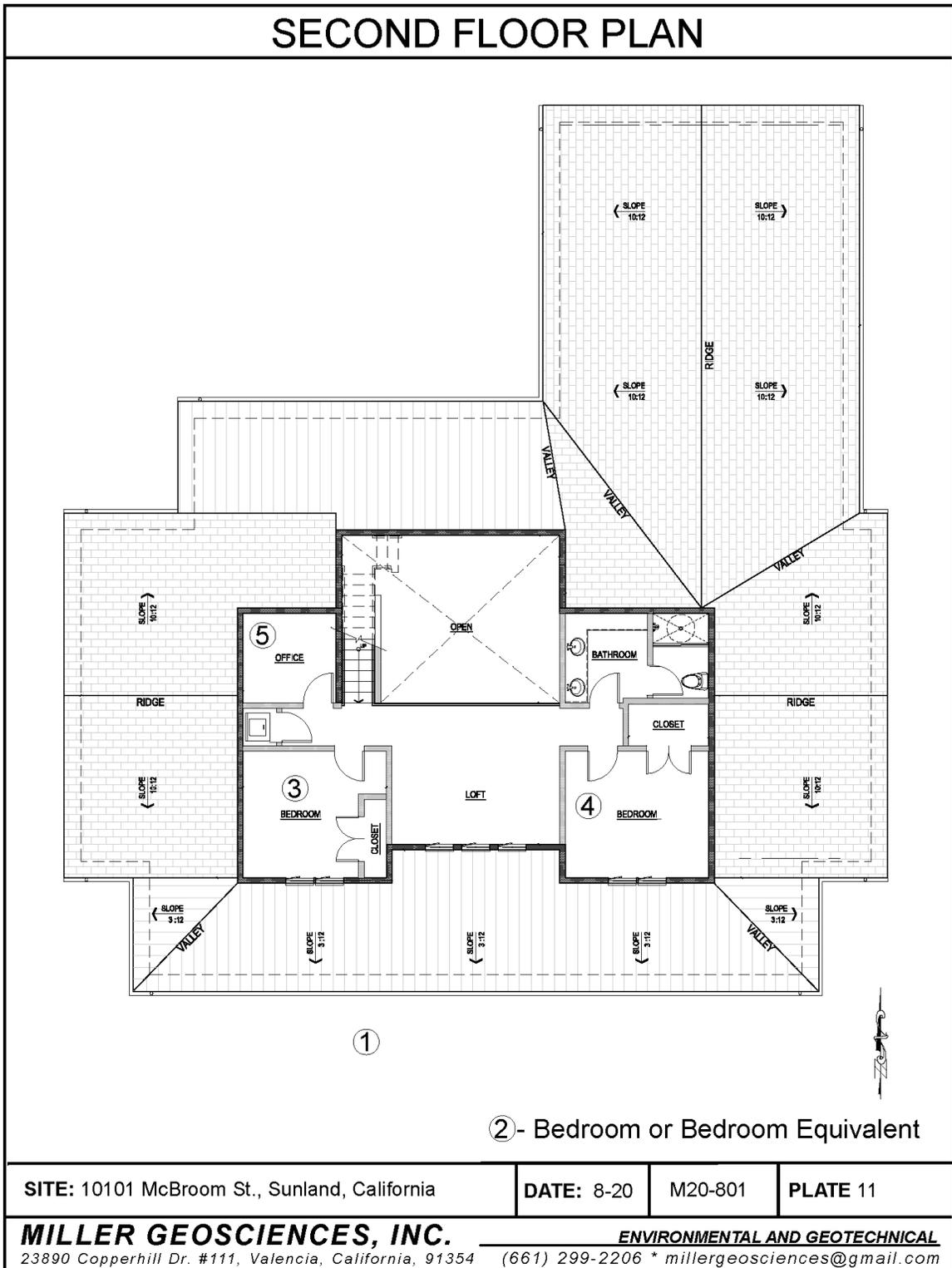
Enclosures:

1. General WDR Waste Discharge Requirements Order No. R4-2019-0024 with the Standard Provisions Applicable to WDRs are available at the Regional Water Board website: [https://www.waterboards.ca.gov/losangeles/board\\_decisions/adopted\\_orders/index.html#2](https://www.waterboards.ca.gov/losangeles/board_decisions/adopted_orders/index.html#2)
2. Monitoring and Reporting Program No. CI-10618
3. Board Order Transfer Request Form
4. Figure 1: Location of Sarkis and Angela Mehtemetian Site
5. Figure 2: Proposed first floor plan
6. Figure 3: Proposed second floor plan
7. Figure 4: Design diagram for AX25RT Advanced OWTS
8. Figure 5: Map of Site showing proposed locations of Advanced OWTS and seepage pit

cc (via email): Mr. Steven B. Miller, CEG, Miller Geosciences, [millergeosciences@gmail.com](mailto:millergeosciences@gmail.com)  
Ms. Jeanine Wilson, Permit Services, [nehi76@aol.com](mailto:nehi76@aol.com)  
Mr. Dan Ryan Evangelista, City of Los Angeles Department of Building and Safety, [dan.evangelista@lacity.org](mailto:dan.evangelista@lacity.org)  
Mr. Fahrudin (Dean) Zulcic, Los Angeles County Department of Public Health, [fzulcic@ph.lacounty.gov](mailto:fzulcic@ph.lacounty.gov)







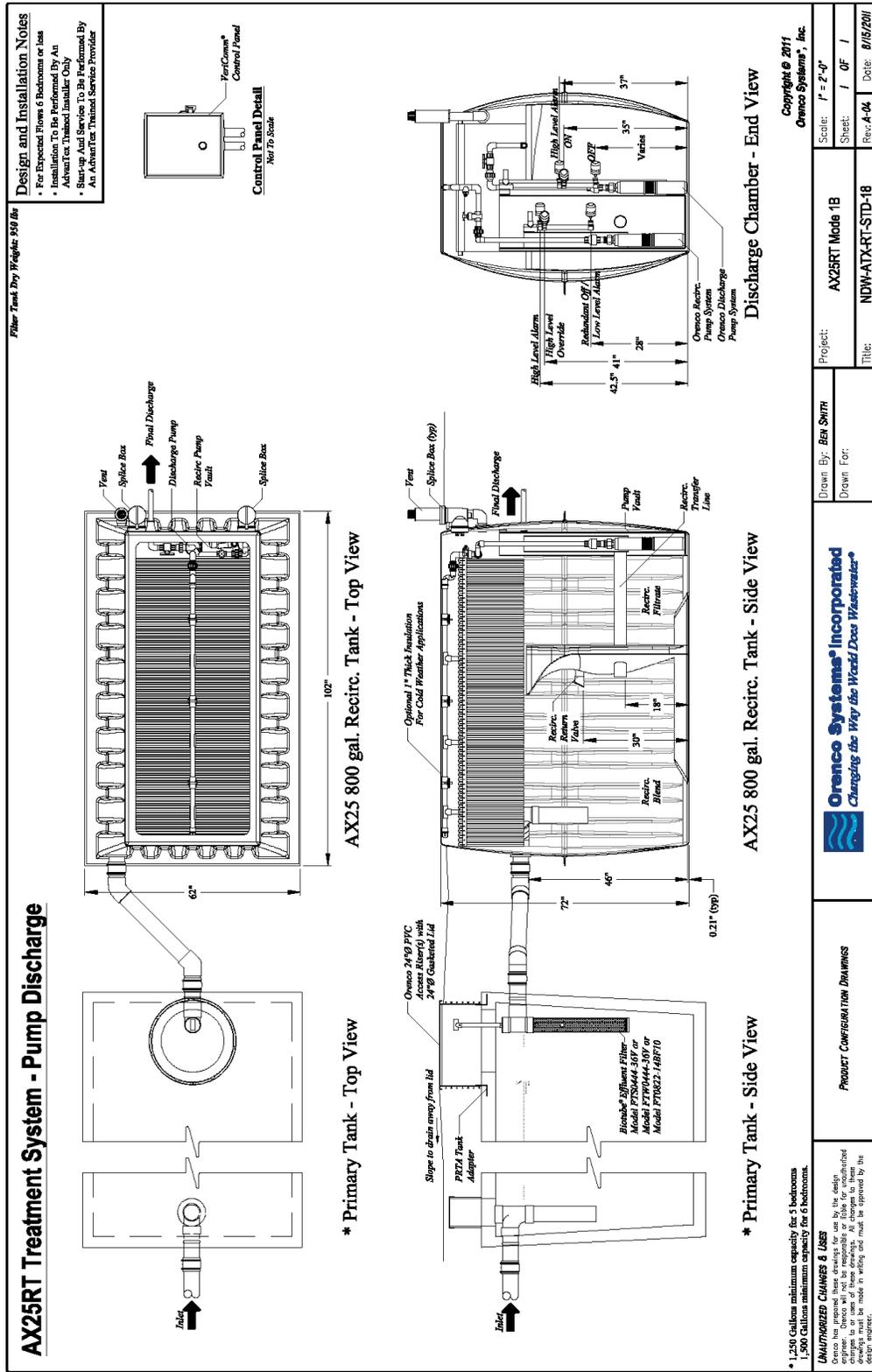
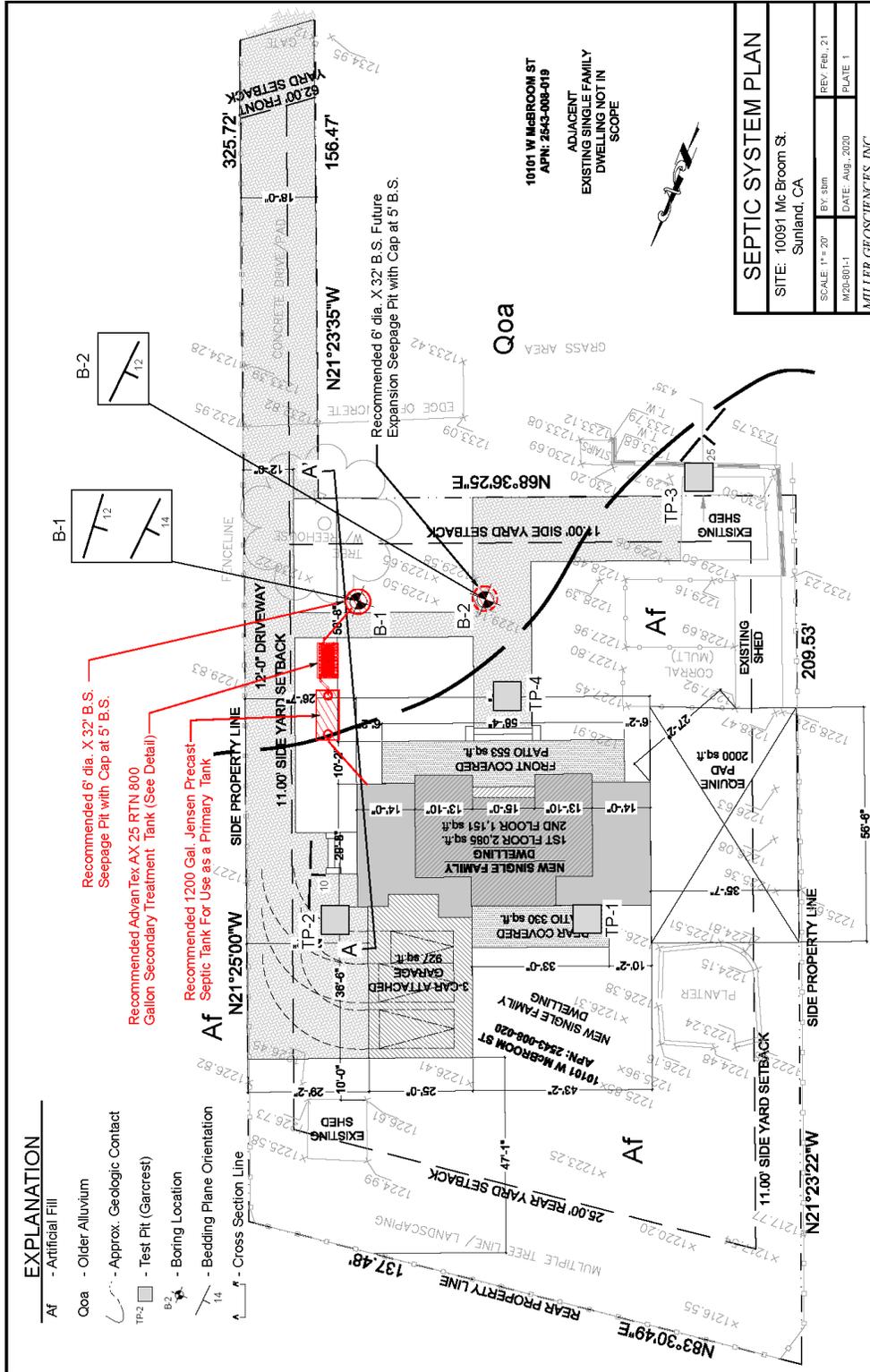


Figure 4: Design diagram for AX25RT Advanced OWTS.



SEPTIC SYSTEM PLAN			
SITE: 10091 Mc Broom St. Sunland, CA			
SCALE: 1"=20'	BY: sbm	REV: Feb., 21	
MOD: 801-1	DATE: Aug., 2020	PLATE: 1	
MILLER GEOTECHNICALS, INC.			