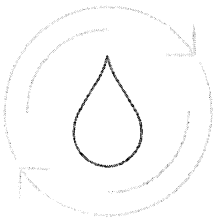




# Aqua Pennsylvania's PFAS Treatment

**PFAS, also known as “forever chemicals,” refers to a group of toxic chemicals used for a wide range of items, from non-stick cookware to upholstery manufacturing. These chemicals have been sprayed on the ground or dumped by manufacturers and are now found in some watersheds, lakes, streams, rivers and groundwater wells. These toxins do not break down over time and are difficult to remove from the environment.**



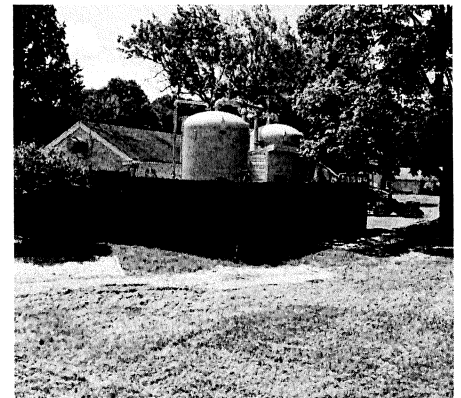
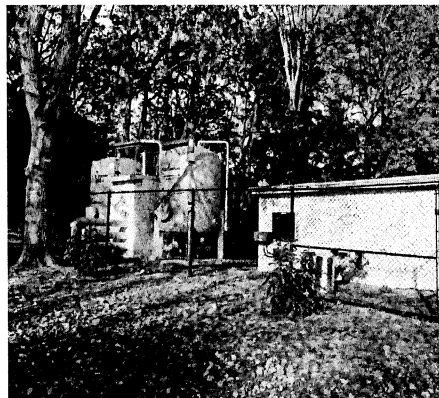
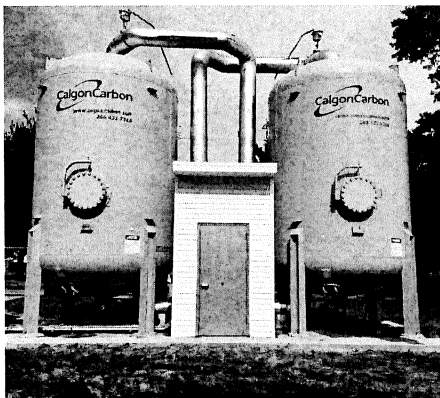
## Our Fight Against PFAS

Nearly a decade before US EPA and the PA DEP established Maximum Contaminant Levels (MCLs) for PFAS, Aqua took proactive steps to address this emerging contaminant. Since 2016, we have been working diligently to protect our customers' health and safety by:

- Building and operating a state-of-the-art laboratory that expands our capacity to test for PFAS and supports collaborative efforts with health experts. Aqua Pennsylvania is the only utility-owned and operated lab in PA certified to test for PFAS compounds. This Aqua-owned facility means faster turnaround times on samples which helps our teams make timely decisions regarding water treatment.
- Setting an industry-leading standard for all Aqua customers in 2020, representing, at the time, the strictest MCL across our footprint at 13 parts per trillion.
- Installing Granular Activated Carbon (GAC) filters and Anion Exchange (AIX) resin filters on systems with high PFAS levels, ensuring all active water sources meet the PA DEP standard before the 2025 compliance deadline.
- Mitigating impact on customer rates by seeking alternative funding for treatment and filing lawsuits against PFAS manufacturers.

In April 2024, the US EPA established a national MCL of 4 parts per trillion that will go into effect in 2027. Aqua Pennsylvania is continuing its aggressive implementation of filter vessels to capture and remove PFAS from drinking water sources as soon as practical ahead of that deadline.

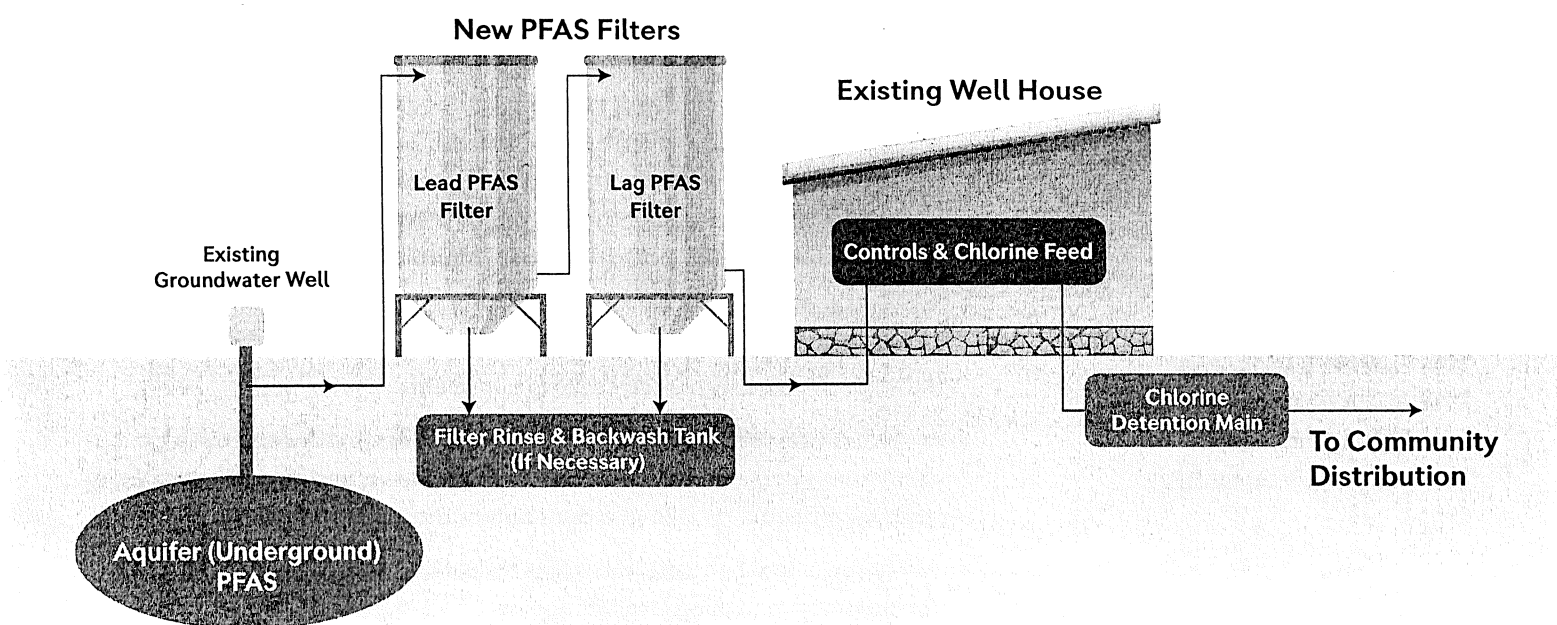
Three of Aqua's PFAS Treatment Facilities





## PFAS Treatment

### Proposed PFAS Treatment At Community Well

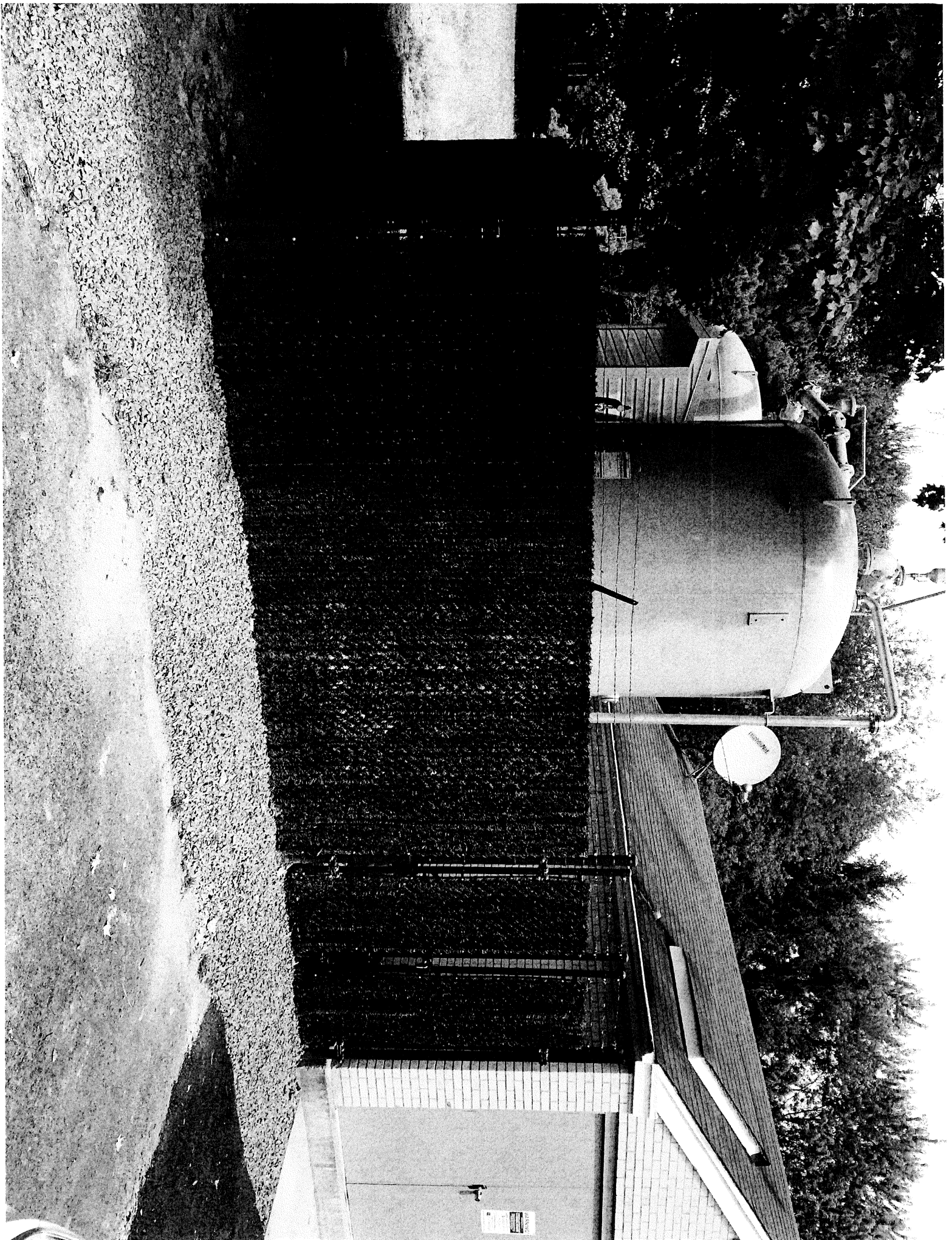


#### Our Approach to Treatment

Aqua Pennsylvania has years of experience, capital and understanding of PFAS treatment and continues to lead the way in installing GAC or AIX resin filters at well stations.



To learn more about PFAS & Aqua system improvements efforts in your area visit:  
[aquawater.com/all-about-water-wastewater/water-quality/pfas](http://aquawater.com/all-about-water-wastewater/water-quality/pfas)



3

4

5

6

7

8

9

10

11

12

13

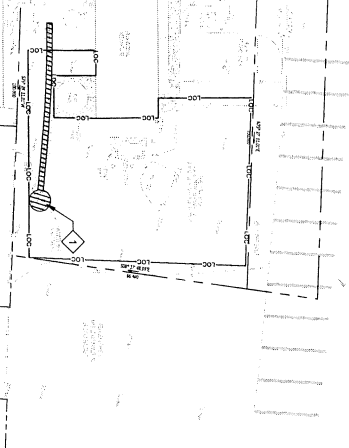
GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES BEFORE CONSTRUCTION.
2. REFER TO MECHANICAL DRAWINGS 10001 THROUGH 10003 FOR PROPOSED INTERIOR PIPING MODIFICATIONS AND EX SYSTEM PIPING.

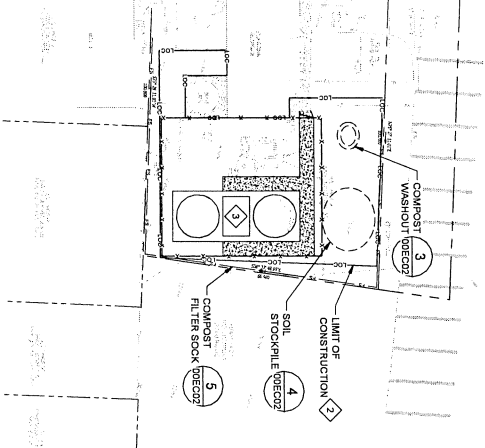
KEY NOTES:

1. EXISTING GAS MAIN LINE AND WATER MAINHOLE TO BE DEMOLISHED AND REMOVED.
2. THE LIMIT OF CONSTRUCTION AREA IS 2003 SQ FT (0.06 ACRES).
3. PRE-FABRICATED HEATED ENCLOSURE.

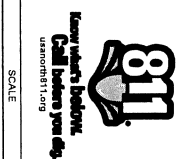
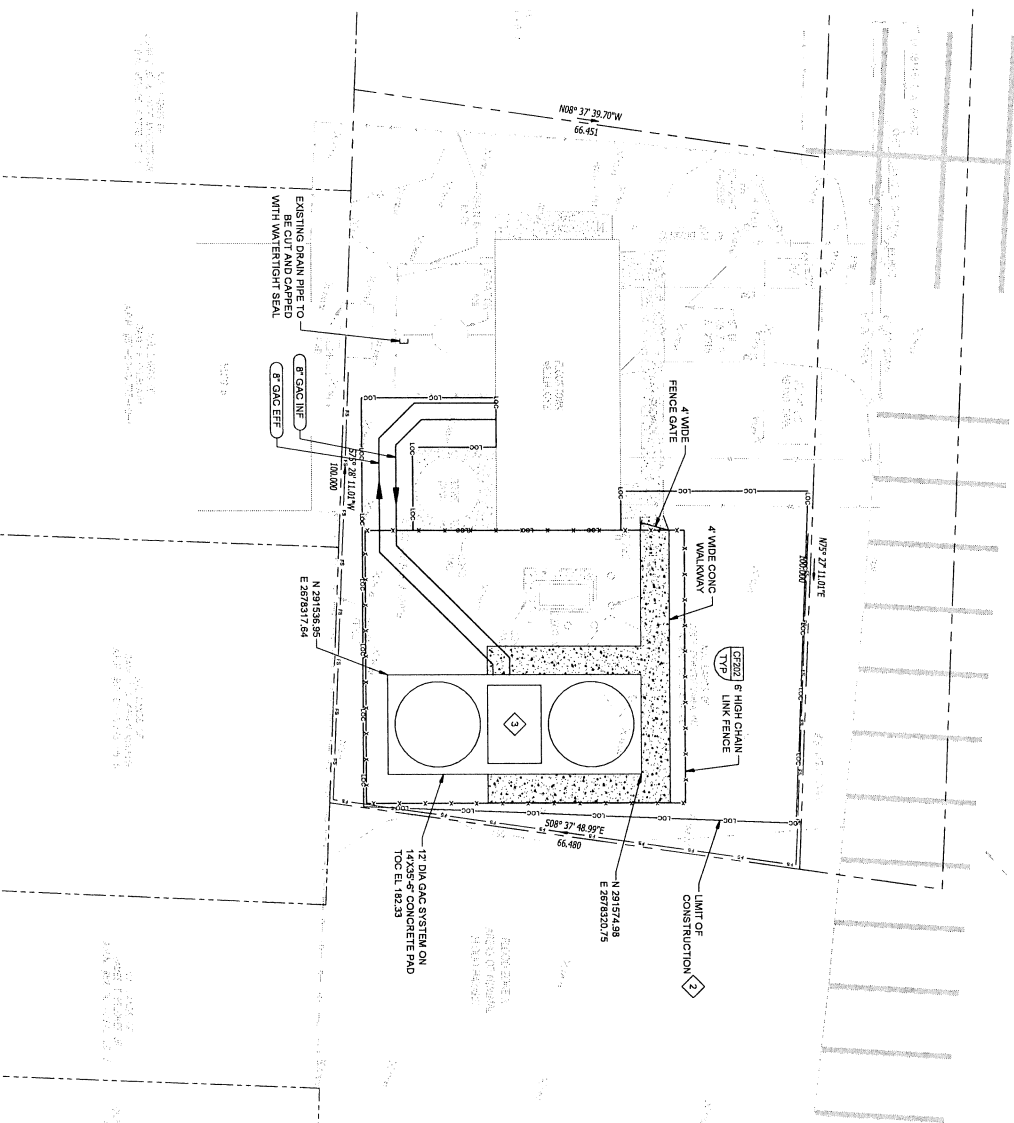
DEMOLITION  
PLAN



DESIGN AND SEDIMENT CONTROL  
PLAN



SITE  
PLAN



SCALE

0 9' 10' 20'

SCALE: 1" = 10'

0 10' 20' 40'

SCALE: 1" = 20'

VERIFY SCALES

JOB NO.

DATE IS ONE INCH ON ORIGINAL DRAWING

DRAWING NO.

0 1" 1"

00C01

IF NOT ONE INCH ON SCALES ACCORDINGLY

SHEET NO.

8 OF 8



AQUA PENNSYLVANIA, INC.

FLOURTOWN WELL STATION PEAS IMPROVEMENTS

DEMOLITION, SITE

AND E&S CONTROL PLANS

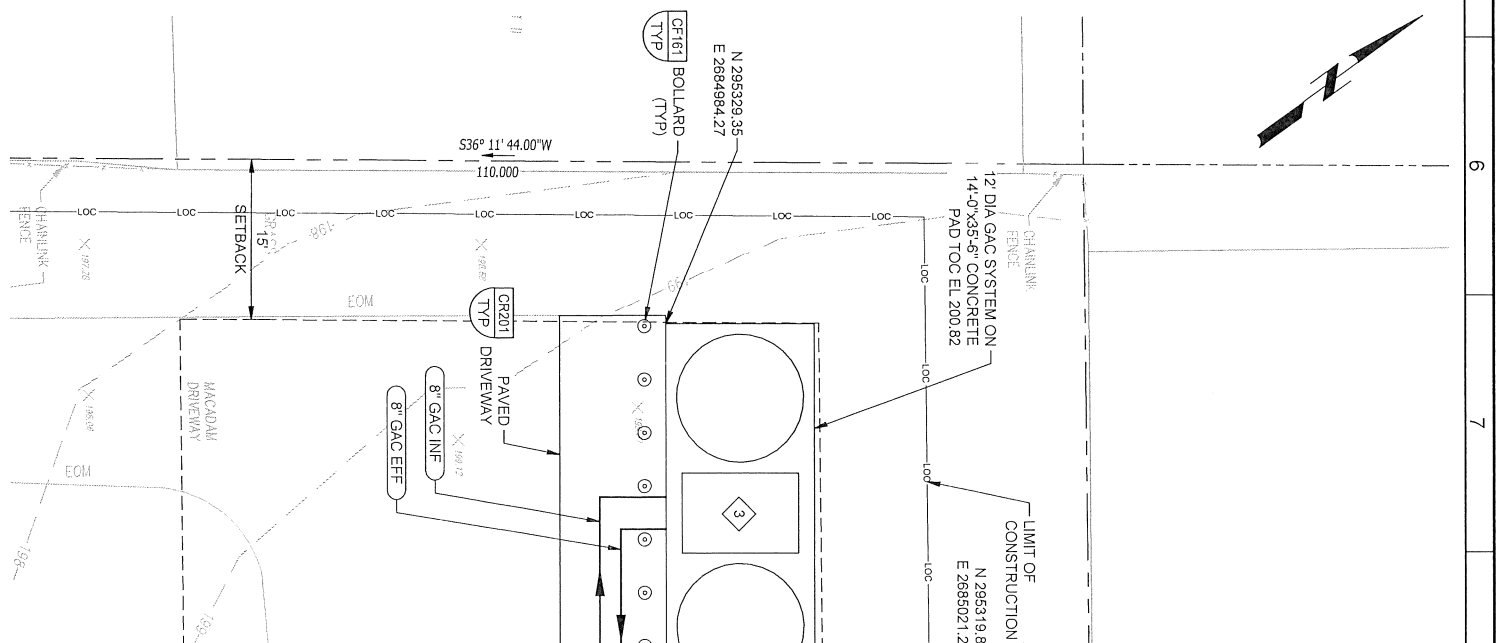
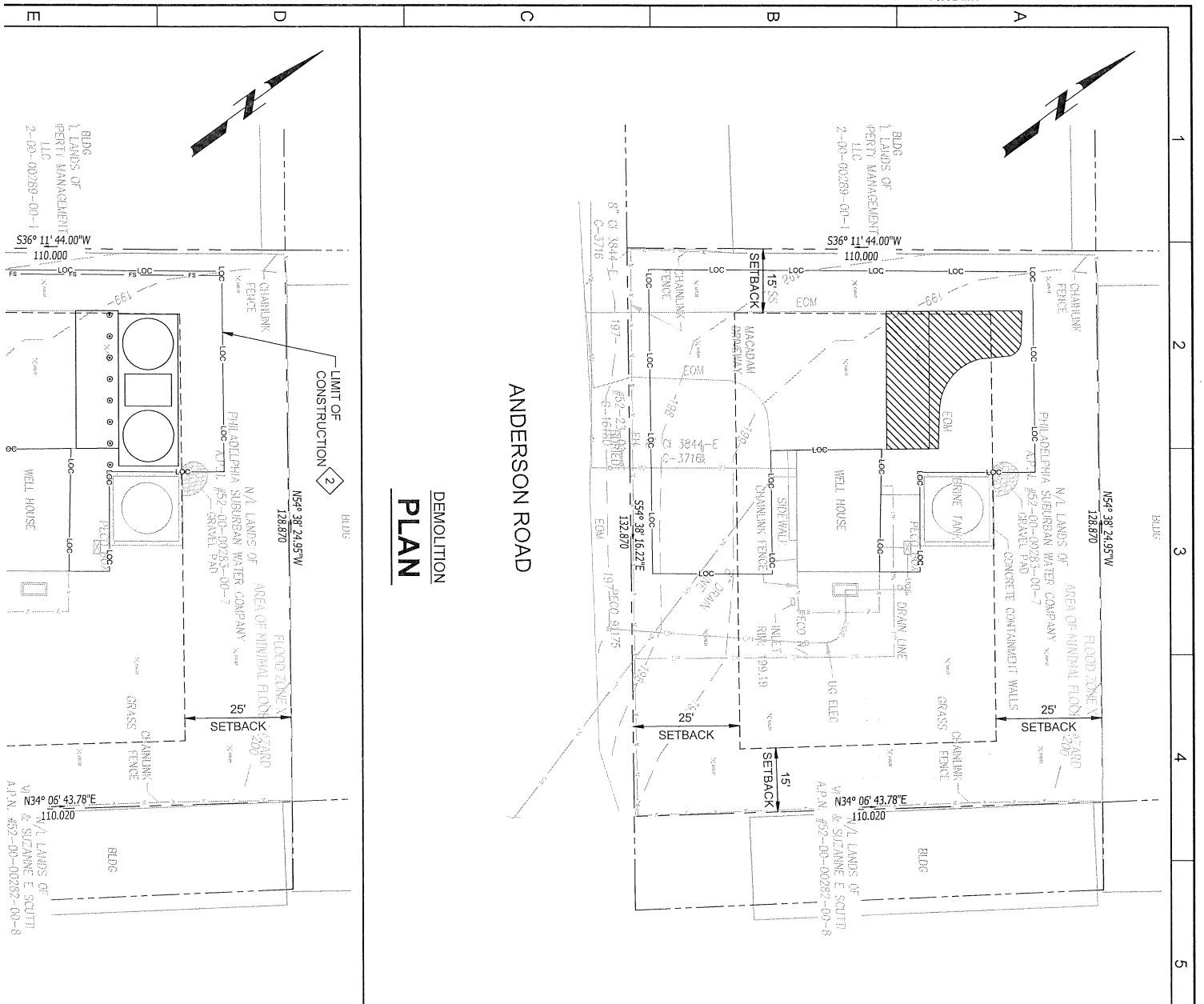
Civil

DATE

APRIL 2025

DATE

APRIL 2025



outward