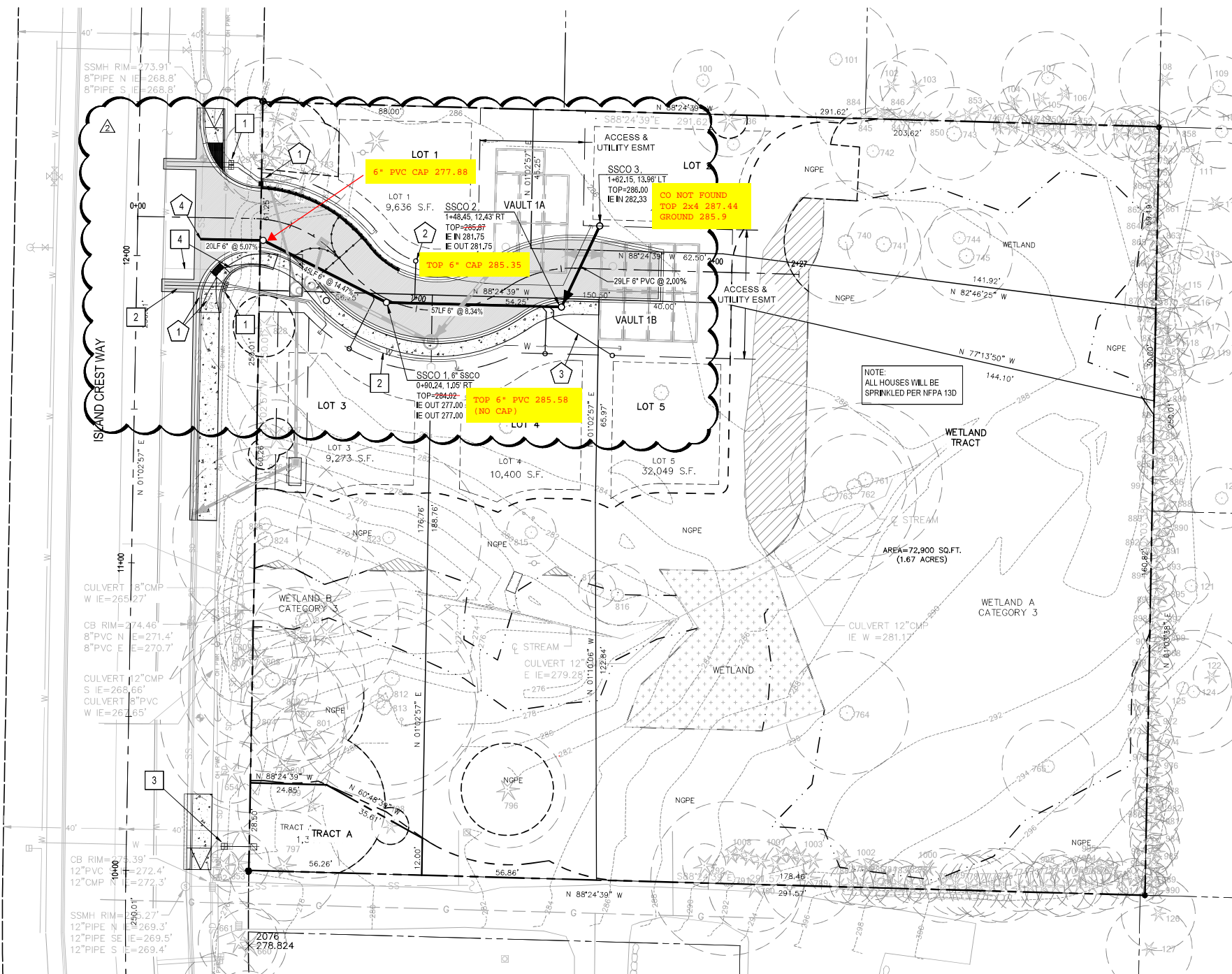


SW 1/4 OF THE NW 1/4, SEC. 18, T 24N, R 05E, W.M. MERCERTECH PLAT



- ### WATER INSTALLATION NOTES
- 1 1" WATER METER PER DETAIL SHEET C5.1
 - 2 1-1/2" WATER SERVICE LINES AND 1-1/2" WATER SUPPLY LINES (TYP)
 - 3 UPGRADE EX, 5/8" WATER METER TO 1", REUSE EX. WATER SERVICE FOR IRRIGATION TO TRACT. INSTALL DCVA AT BACKSIDE OF RIGHT OF WAY
 - 4 REMOVE EX METER AND ABANDON EX WATER SERVICE

- ### SEWER INSTALLATION NOTES
- 1 REMOVE EXISTING SSCO - ABANDON EXISTING SS 6" STUB
 - 2 6" SSCO PER COM DETAIL S-19 SHEET C5.2 (TYP)
 - 3 6" PVC PIPE (TYP) SEE TABLE BELOW
 - 4 CONNECT TO EXISTING MAIN PER COM DETAIL S-17 SHEET C5.1

- ### LEGEND
- CATCH BASIN TYPE 1
 - CATCH BASIN TYPE 2
 - PROPOSED CONCRETE
 - PROPOSED ASPHALT
 - PROPERTY BOUNDARY
 - STORM DRAIN LINE
 - ROOF DRAIN
 - WETLAND BUFFER LINE
 - TREE PROTECTION ZONE
 - SANITARY SEWER SERVICE
 - SEWER SERVICE CLEANOUT
 - WATER SERVICE AND METER
 - IRRIGATION METER

LOT #	SSCO IE	IE AT 6"	SLOPE
1	282.56	277.63	35.5%
3	281.00	276.27	24.1%
4	282.56	281.86	4.5%
5	283.00	281.91	4.0%

WATER NOTES

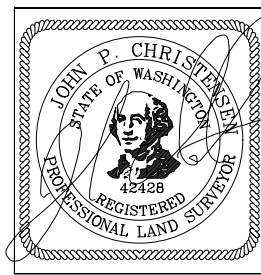
1. INSTALL ALL WATER METERS PER DETAIL W-13. ALL WATER METERS SHALL BE 1" AND SERVED BY INDIVIDUAL SERVICE LINES. INSTALL 1" TYPE K SOFT COPPER TUBING BETWEEN EX. WATER MAIN AND EACH METER. PRIVATE WATER SERVICE LINES SHALL BE 1.5" OR 9 OR 11 HDPE. SLEEVES WHERE SHOWN SHALL BE 4" SDR 35 PVC OR APPROVED EQUAL.
2. CONSTRUCTION OF ALL WATER FACILITIES SHALL CONFORM TO THE CITY OF MERCER ISLAND REQUIREMENTS AND STANDARD DETAILS.
3. REFER TO WATER SERVICE PERMIT FOR ACTUAL LOCATION OF NEW WATER METER AND SERVICE LINE DETERMINED BY MERCER ISLAND WATER DEPARTMENT.
4. LOCATE WATER SERVICE STUB, AT EDGE OF EASEMENT OR WHERE OTHERWISE SHOWN.
5. WATER SERVICE INSTALLATION FOR LOTS 1 AND 2 SHALL BE PERFORMED TO ENSURE RETENTION OF THE ADJACENT TREES. AIR TRENCHING, HAND EXCAVATION, AND/OR TRENCHLESS METHODS MAY BE REQUIRED. COORDINATE METER LOCATION AND INSTALLATION WITH THE CITY AND PROJECT ARBORIST.

SEWER NOTES

1. CONSTRUCTION OF ALL SEWER FACILITIES SHALL CONFORM TO THE CITY OF MERCER ISLAND REQUIREMENTS AND STANDARD DETAILS DATED JUNE 5, 2009, INCORPORATED BY REFERENCE.
2. 6" SIDE SEWER CONNECTION AND STUB PER CITY OF MERCER ISLAND STANDARD DETAIL S-17.
3. SEWER PIPE BEDDING PER CITY STANDARD DETAIL S-4. BACKFILL PER S-3.
4. CLEANOUTS PER DETAIL S-19.
5. LOCATE SEWER STUB AT EDGE OF EASEMENT.
6. ALL INDIVIDUAL SIDE SEWERS SHALL HAVE 2% SLOPE.

GENERAL NOTES

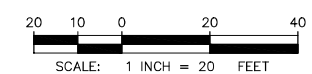
1. MITIGATED WETLAND & STREAM BOUNDARY & BUFFERS SHOWN. REFER TO THE WATERSHED CO. MITIGATION PLAN.



HEREBY CERTIFY THAT THE INFORMATION SHOWN ON THIS RECORD DRAWING IS AN ACCURATE AND COMPLETE REPRESENTATION OF DATA ESTABLISHED FROM FIELD INFORMATION OBTAINED UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT INFORMATION AND THE FACILITY WAS CONSTRUCTED ACCORDING TO THE APPROVED PLANS, EXCEPT AS OTHERWISE NOTED HEREBY.

SIGNATURE DATE **11/16/23**

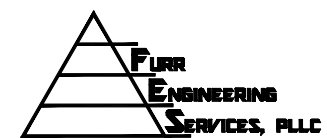
TOPOGRAPHY, BOUNDARY, AND UTILITIES STATEMENT:
 FURR ENGINEERING SERVICES PLLC, DOES NOT WARRANT THE TOPOGRAPHY, BOUNDARY, AND/OR EXISTING UTILITIES SHOWN ON THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL EXISTING IMPROVEMENTS FIELD VERIFIED PRIOR TO CONSTRUCTION, ANY SUBSURFACE EXPLORATION OF EXISTING UNDERGROUND UTILITIES (POWER, WATER, SEWER, TELECOM, ETC.) SHALL BE PERFORMED BY THE CONTRACTOR. DISCREPANCIES BETWEEN WHAT IS SHOWN ON THE PLANS AND LOCATED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF FURR ENGINEERING SERVICES PLLC, PRIOR TO CONSTRUCTION ACTIVITIES.



4320 ISLAND CREST WAY
 MERCER ISLAND, WA 98040

Key Plan

Registration



4715 142nd Pl. SW #B,
 Edmonds, WA 98026
 ph 206.890.8291

Sheet Title

SEWER & WATER PLAN



Revisions

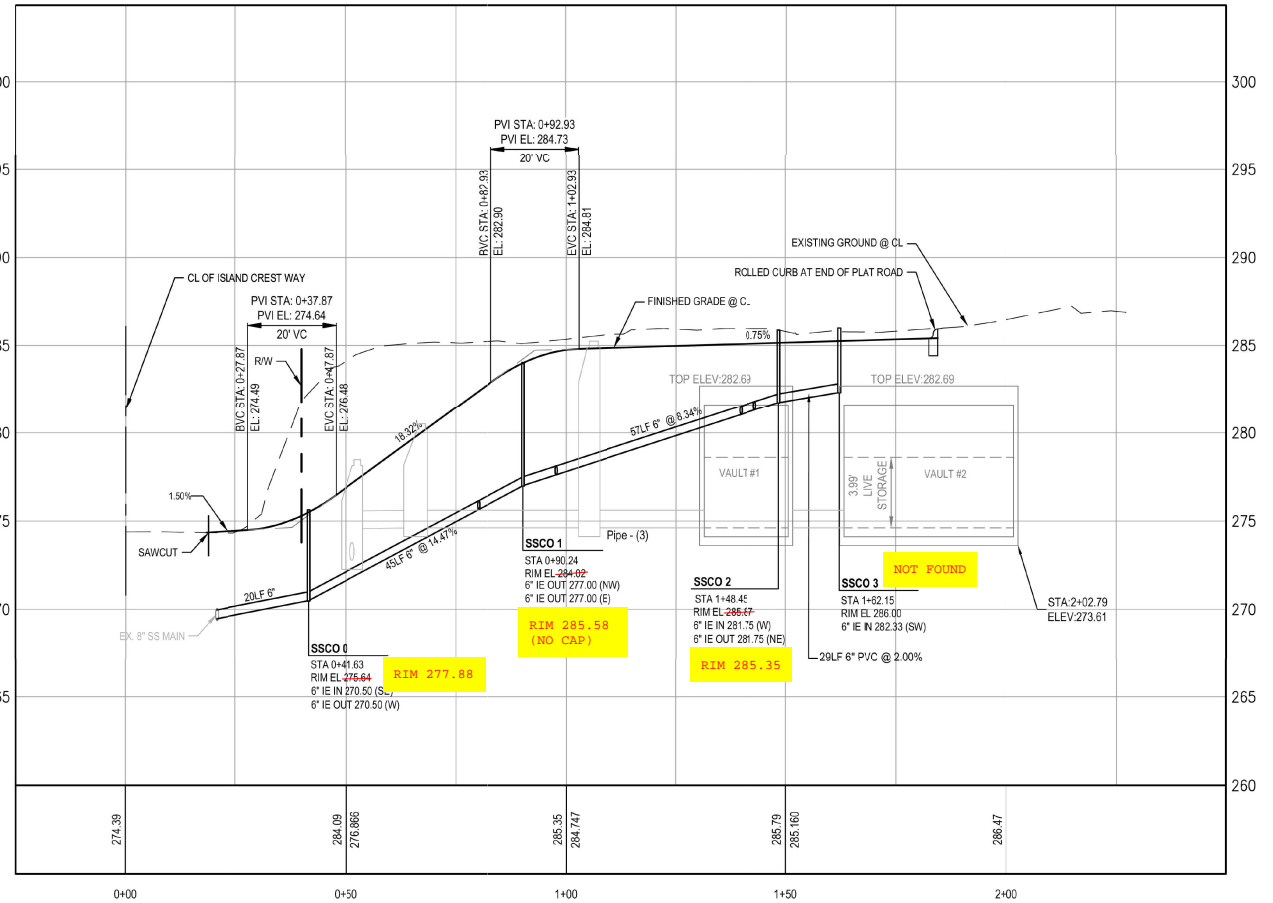
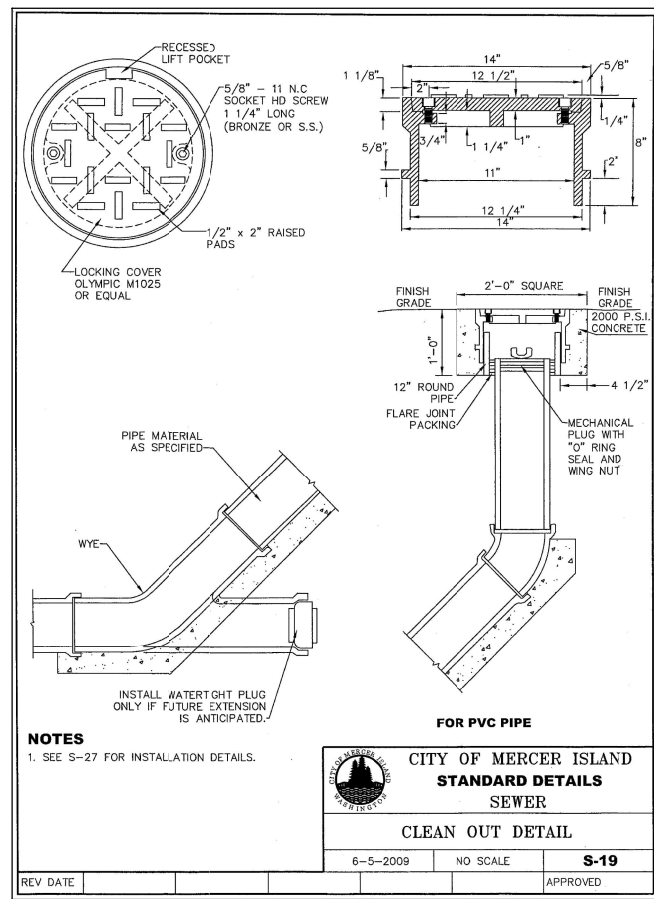
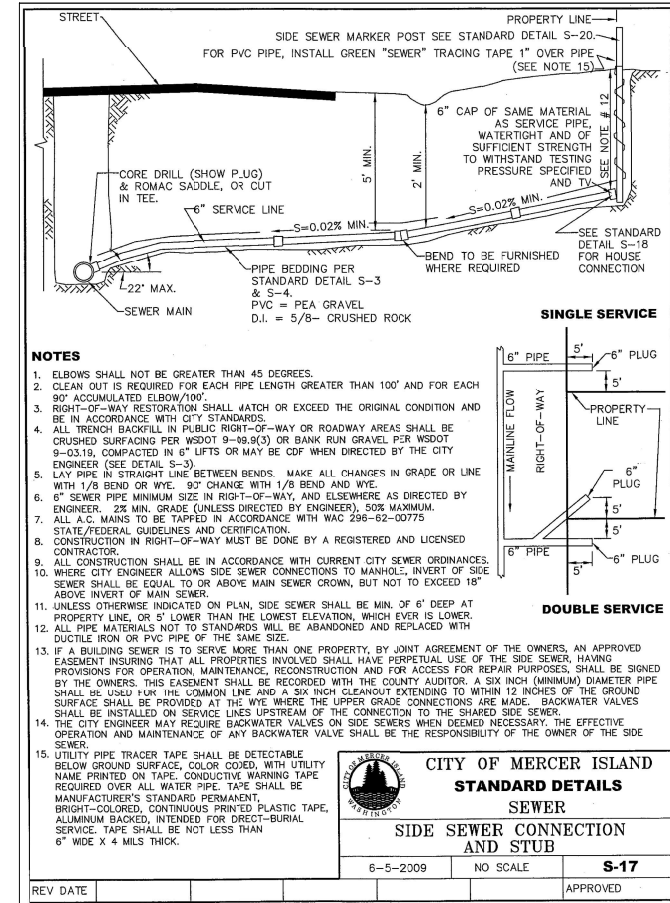
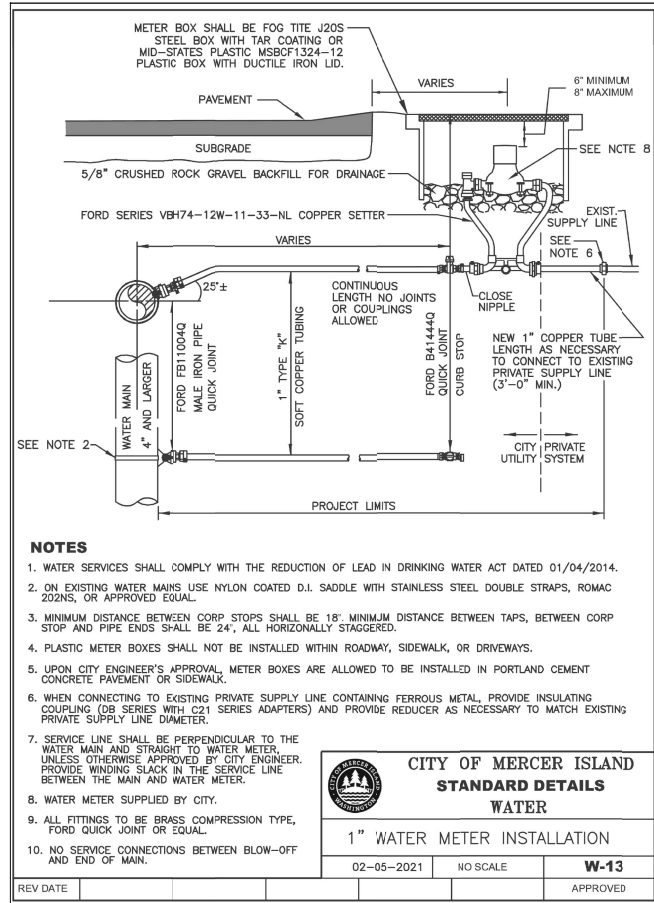
Revision	Date	Description
△ 03/30/22		REVISED PER CITY COMMENTS
△ 06/03/22		REVISED PER CITY COMMENTS
△ 05/23/23		REVISED PER CITY COMMENTS

Scale:
 FES Project No: 21084
 Date: Sept 27, 2021
 Designed: DAF
 Drawn: JAB
 Checked: DAF

Sheet Number

C5.0

SW 1/4 OF THE NW 1/4, SEC. 18, T 24N, R 05E, W.M.
MERCERTECH PLAT



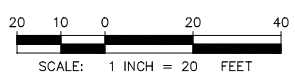
JOHN P. CHRISTENSEN
 STATE OF WASHINGTON
 REGISTERED SURVEYOR
 42428

HEREBY CERTIFY THAT THE INFORMATION SHOWN ON THIS RECORD DRAWING IS AN ACCURATE AND COMPLETE REPRESENTATION OF DATA ESTABLISHED FROM FIELD INFORMATION OBTAINED UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT INFORMATION AND THE FACILITY WAS CONSTRUCTED ACCORDING TO THE APPROVED PLANS, EXCEPT AS OTHERWISE NOTED HEREON.

[Signature]
 SIGNATURE

11/16/23
 DATE

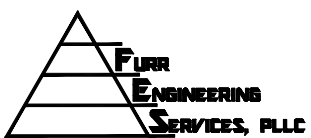
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PROFILE AND DETAILS



Revisions

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5.1