

**SEWAGE TREATMENT AND DISPOSAL SYSTEM  
DECOMMISSIONING PLANS**

*Conducted On:*

**MAKEMIE PARK COMMUNAL SEWAGE DISPOSAL SYSTEM**

**SAXIS ROAD - TAX MAP # 41-A-4  
TEMPERANCEVILLE, VIRGINIA**

MSA Project # 21074

*Prepared For:*

**KELLEN SINGLETON**

**ACCOMACK-NORTHAMPTON PLANNING DISTRICT COMMISSION  
23372 FRONT STREET – P.O. BOX 417  
ACCOMAC, VIRGINIA 23301**

*Issue Date:* May 14, 2024

*Prepared By:*

**MSA, P.C.**

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Charles H. Hall, P.G., Hydrogeologist  
Director of Environmental Sciences

  
\_\_\_\_\_  
Signature



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## 1.0 INTRODUCTION

The project site “Makemie Park Communal Sewage Disposal Area” is located off the south side of Saxis Road, approximately 500-ft west of its intersection with Neal Parker Road in Temperanceville, Virginia (Figure 1). The property does not have a 911 address but is referred to by the County as Tax Map #41-A-4. It is situated in a rural area and encompasses approximately 8-ac of land – approximately two-thirds are open grass land while the remainder is wooded. The open field contains an idle sewage treatment and disposal system that had been used by nearby residents.

The sewage system was originally constructed in 2000 under a community grant. The system received septic tank effluent from at least 27 residential property connections, via force main extending along Saxis Road and to the project site. From there, the sewage effluent passed through a totalizing flow meter and up and into a 3-way splitter box that divided the effluent evenly between three sets of treatment systems. The systems include splitter tanks, septic tanks, pump stations with control panels to lift sewage into a series of Puraflow peat modules for advanced secondary treatment. There are a total of 72 peat pod modules in the overall system. Treated effluent passed through the modules’ weep holes and into underlying dispersal beds for disposal. The communal system was expanded in 2010 with additional repairs in or around 2011, 2012 and 2018. Since that time, dispersal system failures have occurred leading to, in the least, effluent seepages.

A more recent community grant managed the design and construction of new individual onsite sewage systems so that the communal system could be retired. System designs were performed from 2021 to 2022 when Construction Permits were issued by the Virginia Department of Health. The systems were subsequently constructed over the following months and completed in 2023.

At the time of this report, the communal system is offline and no longer treating and disposing of sewage. The system is to be decommissioned and this document presents plans for that effort. This decommissioning work also includes proper abandonment of individual valve boxes with sewage connections remaining on each residence where their pumped sewage effluent ties into the force main.

Except where noted, the following plans are intended for the treatment and disposal system area and not for valve box/sewage connections on individual residential properties.

## **2.0 SITE PREPARATION**

### **2.1 *Physical Description of Property***

The treatment and dispersal system area is an L-shaped portion of the overall rectangular property that encompasses approximately 8-ac. This property is located off a slight curve along a narrow roadway in a rural part of Accomack County. The speed limit along this section of Saxis Road is 35-mph, although vehicles appear to frequently drive at faster speeds.

The treatment and dispersal area (Figure 2) contains well maintained grass while the interior of the L-shaped portion is overgrown with weedy vegetation. This area is relatively flat and slopes southward from Elevation 10-ft toward the back third of the property that remains wooded at around Elevation 8-ft.

A relatively shallow roadway ditch forms the northern property line along Saxis Road and another poorly drained ditch with some stagnant water forms the eastern boundary. There are no existing stormwater management systems onsite.

According to the USDA-NRCS soil survey, the subject property is mapped as belonging to the Nimmo sandy loam. This soil series typically has good permeability but can suffer from relatively shallow seasonal high water tables and is often considered a hydric soil.

The property has not been evaluated for wetlands but none of the maintained areas and areas to be impacted by decommissioning activities are expected to contain jurisdictional wetlands.

The land where individual sewage connections are situated on is generally of similar physical condition to the disposal field and mostly in grassy or weed-covered private residential yards.

### **2.2 *Preliminary Investigation***

The following actions should be taken prior to commencing with the actual decommissioning activities.

Contact the public utility locator Virginia811 (Miss Utility) to mark all public utilities onsite. Contract with a private utility locator, as needed, to mark private utilities onsite prior to any earthwork activities.

Locate the flow meter on the subject property and disconnect the force main inflow pipe. Leave force main piping open and observe for 48-hours to ensure that there are no remaining active residential connections. Any sewage that gravity drains out should be vacuumed by a sewage pump truck. Should any sewage discharge under pressure – indicating active connection – the pipeline should be capped, and any accumulated sewage should be recovered by a sewage pump truck. In that situation, contact ANPDC (Accomack-Northampton Planning District Commission) immediately.



### **2.3 Erosion and Sediment Control Measures**

Unless otherwise indicated, all vegetative and structural erosion and sediment (E&S) control practices shall be constructed and maintained according to the minimum standards and specifications of the VE&SC Handbook (Virginia Erosion and Sediment Control Handbook 1992). The minimum standards of the VE&SCH shall be adhered to, unless otherwise waived or agreed to by ANPDC or their representatives.

A temporary construction entrance with wash station shall be installed as specified by VESC STD 3.02 and shown on Figure 3. During muddy conditions, drivers of construction vehicles will be required to wash wheels before entering the roadway.

Silt fence sediment barriers shall be installed down slope of areas with minimal grades to filter sediment laden runoff from sheet flow as specified by VESC STD 3.05 and shown on Figure 3.

## **3.0 DECOMMISSIONING ACTIVITIES**

The following procedures are for the treatment and disposal systems while procedures for the decommissioning of plumbing connections on private residences are provided in Section 3.6. Contact ANPDC or their representative should any unforeseen site conditions or activities occur during the project.

### **3.1 Maintenance of E&S Control Measures**

In general, all E&S control measures are to be checked daily and after each significant rainfall event that could generate stormwater runoff. This includes the integrity of silt fencing and condition of construction entrance.

### **3.2 Inspection & Valuation**

Open the control panel for each pump station and ensure the circuit breaker is in the “On” position. Open pump tanks and either raise the float switch or manipulate the switch in the control panel to “Manual” to determine if the pump activates and pumps the liquid. Once all pumps have been tested, switch the circuit breaker to “Off” and test to ensure the power has been de-energized. Open the facility main power supply panel and switch the circuit breaker to the “Off” position. Verify that the power has been de-energized.

Disconnect and remove each of the pumps. Inspect and document the physical condition of each pump and its’ potential for reuse; include an estimation of a salvage value for each pump. Place pumps to be salvaged in a protected area under cover from rainfall for a later transfer to a to-be-determined location. Haul and dispose/recycle remaining pumps in a facility permitted to accept such waste.

Open and inspect each of the 72 peat modules. Document physical condition and potential for reuse; include an estimation of salvage value for each module. Presume that the peat media cannot be reused and will be discarded.

### **3.3 Controls and Meter**

After power deactivation has been confirmed, remove all power panels, control panels, and flow meter. Haul and dispose of panels, controls, and related devices in a facility permitted to accept such waste. Remove piping from flow meter to 3-way splitter box. Pull and remove/recycle all in-ground wiring.

### **3.4 Treatment System Removal.**

Disconnect piping from the 72 individual peat modules. For those modules deemed salvageable, remove the peat media, and then pull and stack the module bases and lids in a protected area onsite for a later transfer to a to-be-determined location. Remove the remaining modules and peat media and haul offsite for disposal in a facility permitted to accept such waste.

### **3.5 Tank Removal.**

Once pumps and associated wiring and controls are removed from the pump stations, pull all lids off all tanks. Vacuum out remaining liquids and any sludge and haul via licensed sewage pump truck to a licensed facility for disposal. So that the property will not be encumbered for future use, remove all septic tanks, splitter boxes, and pump stations from the ground and haul the material offsite for disposal.

### **3.6 Private Sewage Connections and Force Main**

Locate and remove the valve boxes around the private sewage connections. Approximate locations are shown as red boxes on individual figures in Appendix A.

Cut open inflow pipe and force main at that location and remove the plumbing connection. Use a sewage pump truck to vacuum out any sewage that gravity drains out of either pipe. Cap the open ends of both pipes.

## 4.0 SITE RESTORATION

Upon completion of excavation and prior to backfilling, apply 5-lbs of lime per 100-sf to excavations and peat module dispersal areas; allow to sit for 48-hrs to fully disinfect potentially impacted soil.

Backfill all excavations and holes using existing disposal mound soil. Also backfill residential property sewage connection excavations. Any additional fill needed should be clean fill soil that must be pre-approved by ANPDC (or their representative) for such use.

Compact backfill soil using heavy equipment – no formal compaction testing required – and grade to match surrounding ground surface.

Transfer the materials that had been staged for salvage to the location approved by ANPDC.

Upon completion of materials removal, the backfilling, grading, and land disturbing activities, and restoration of the construction entrance on the communal system property as-well-as backfilling on the residential properties, topsoil of sufficient thickness and suitable for supporting permanent vegetation shall be evenly spread evenly across the disturbed areas. Apply permanent seeding and straw or hydroseed across the areas to stabilize the topsoil in accordance with VESC STD 3.32 to protect the ground surface from erosion.

Within 30-days after achieving adequate site and soil stabilization, the temporary E&S control measures, safety measures, and temporary construction entrance shall be removed and cleaned up.

## 5.0 DOCUMENTATION

Prepare and submit closure documentation to ANPDC to include the following:

- Document former location of all tanks and dispersal mounds on a scaled sketch of the communal system property.
- Provide photographs of the restored communal site as well as the sewage connections on each of the residential properties.
- Provide documentation regarding disposal and/or recycling of waste materials taken from the project sites.
- Provide a summary listing of salvageable materials and estimated values.

# APPENDIX A

## Figures



**FIGURE 1. SITE LOCATION MAP**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

DOCOMMISSIONING PLANS

SAXIS ROAD – PARCEL 41-A-4. ACCOMACK COUNTY, VA



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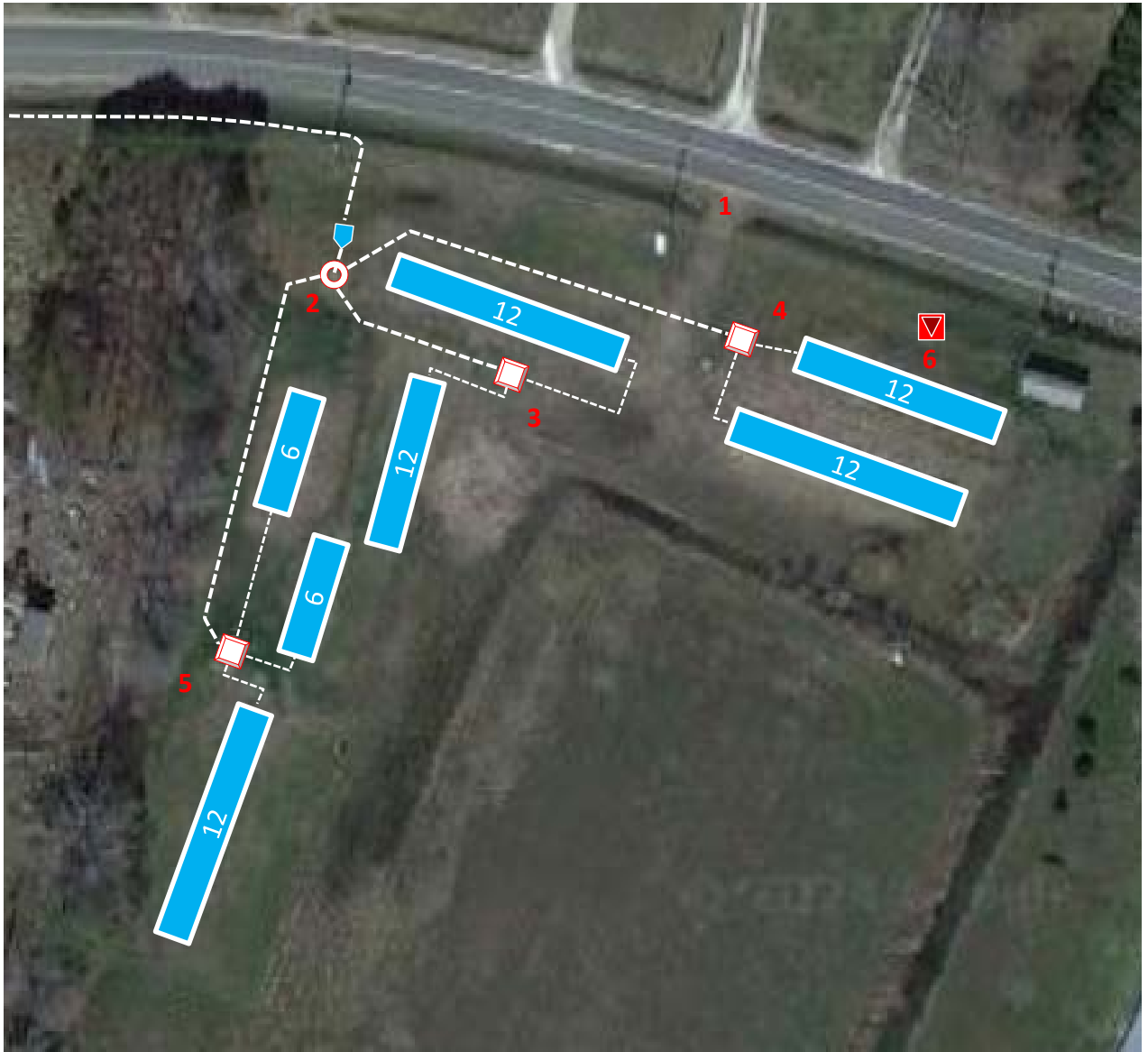
21074







DATE

4/26/24

SCALE

NTS



-  Power Main Panel
-  Flow meter
-  3-way Splitter
-  Septic Tank/Pump Station with Control Panel
-  6 Dispersal Mound (number of peat modules)
-  1 Photograph Number



## FIGURE 2. SYSTEM COMPONENTS

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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SAXIS ROAD – PARCEL 41-A-4. ACCOMACK COUNTY, VA



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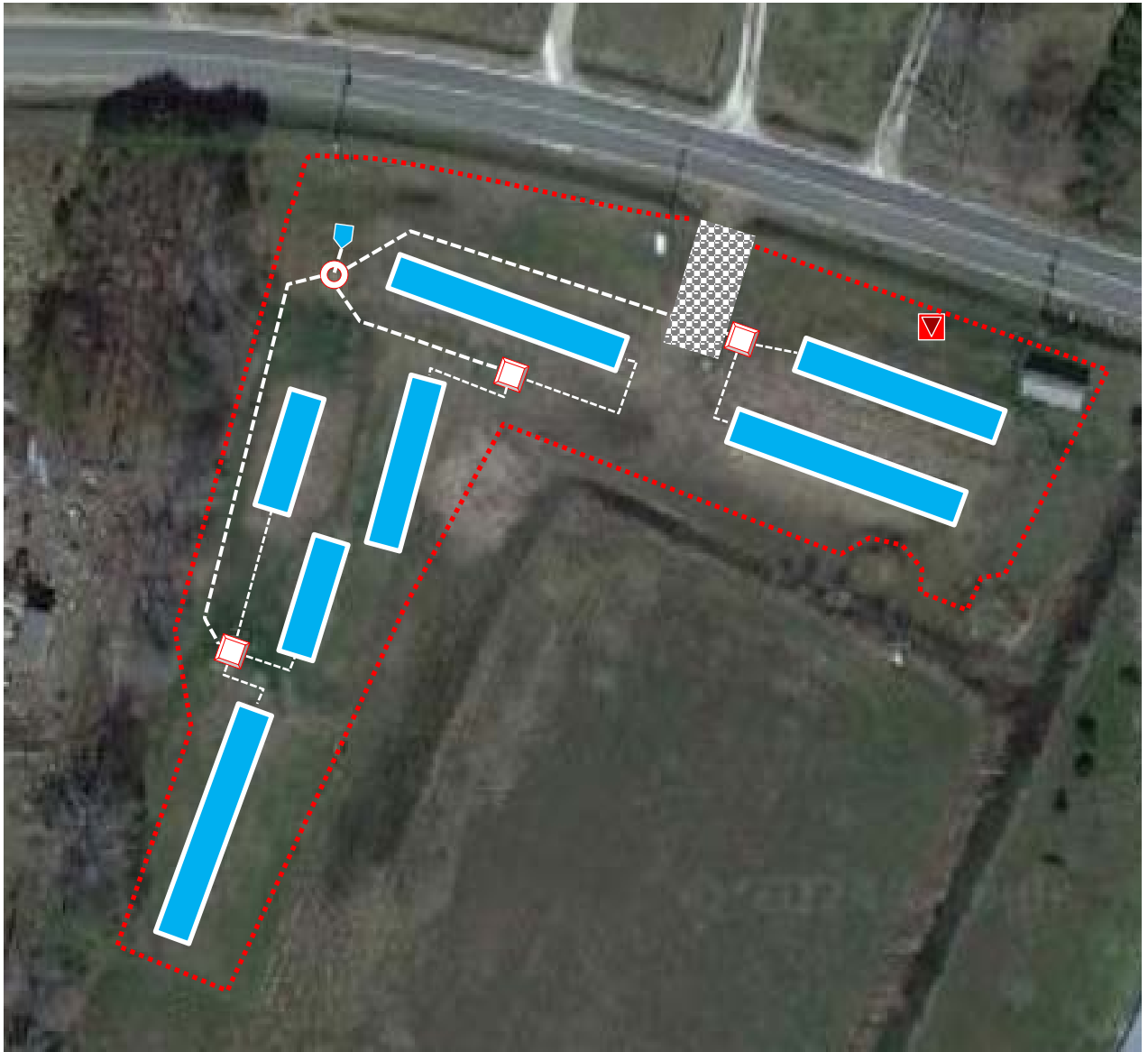
DATE

4/26/24

SCALE

NTS





Construction Entrance



Silt Fence



Power Main Panel



3-way Splitter



Septic Tank/Pump Station with Control Panel



Dispersal Mound



### FIGURE 3. SITE PREPARATION

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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SAXIS ROAD – PARCEL 41-A-4. ACCOMACK COUNTY, VA



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Entrance to facility looking south from Saxis Road. Pipe culvert below entrance connecting ditch on both sides.



Roadside ditch looking west along Saxis Road.



Roadside ditch looking east along Saxis Road.

## PHOTO SHEET 1

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

DOCOMMISSIONING PLANS

SAXIS ROAD – PARCEL 41-A-4. ACCOMACK COUNTY, VA



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Totalizing flow meter on force main to splitter.



Flow meter control panel.



Looking down into 3-way splitter.

**PHOTO SHEET 2**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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Pump station control panel.  
Circuits on and pump active.

**PHOTO SHEET 3**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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SAXIS ROAD – PARCEL 41-A-4. ACCOMACK COUNTY, VA



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Splitter and pump station.  
Control panel with circuits on

**PHOTO SHEET 4**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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Splitter and pump station.  
Control panel with circuits on.

**PHOTO SHEET 5**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

DOCOMMISSIONING PLANS

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Main power panel.



Circuits on.

**PHOTO SHEET 6**

MAKEMIE PARK COMMUNAL SEWAGE SYSTEM

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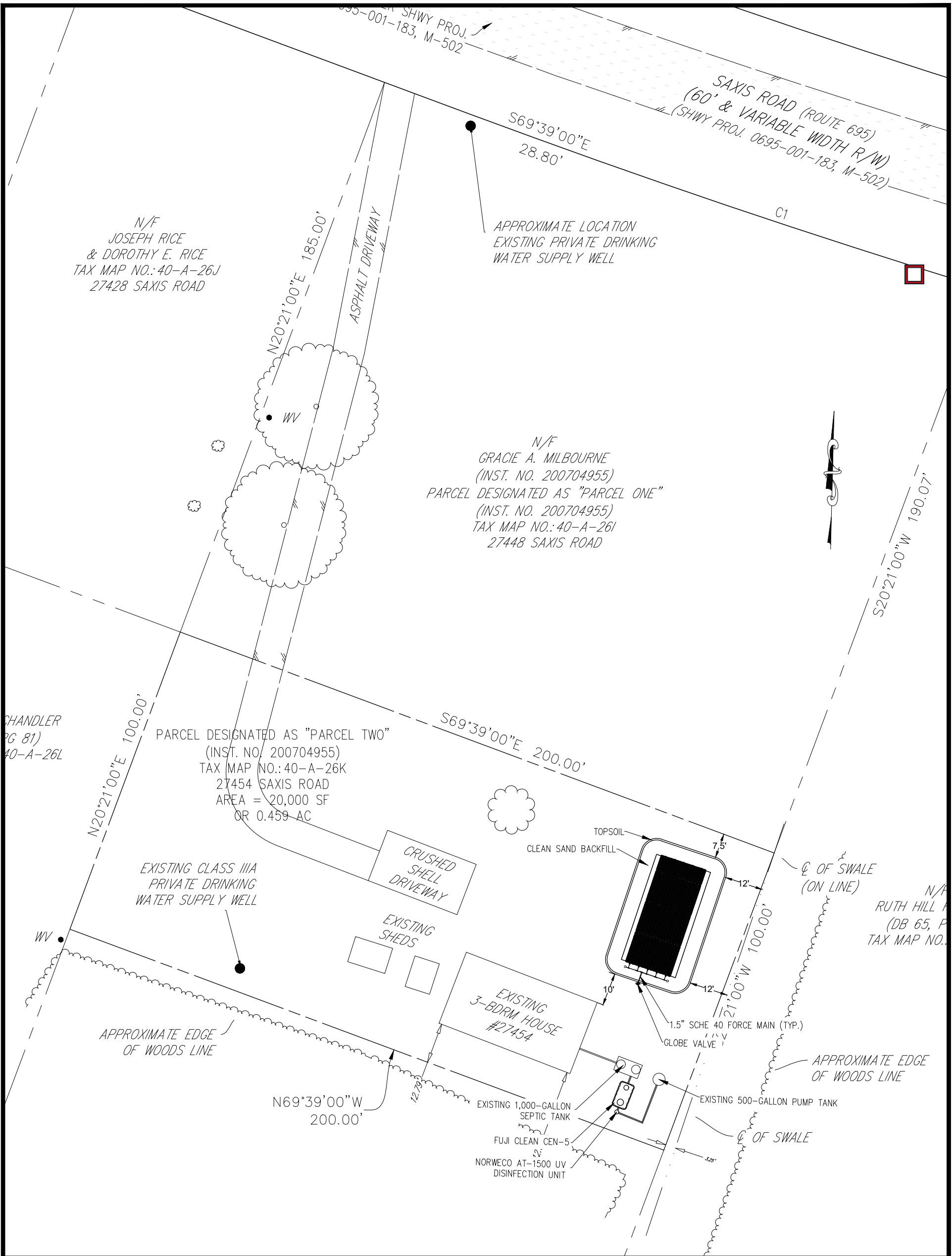
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SCALE

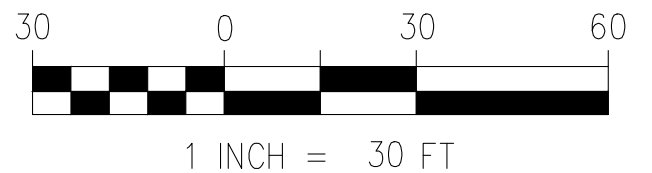
NTS

# Sketches





AS-BUILT SITE SKETCH  
FOR  
27454 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-26K

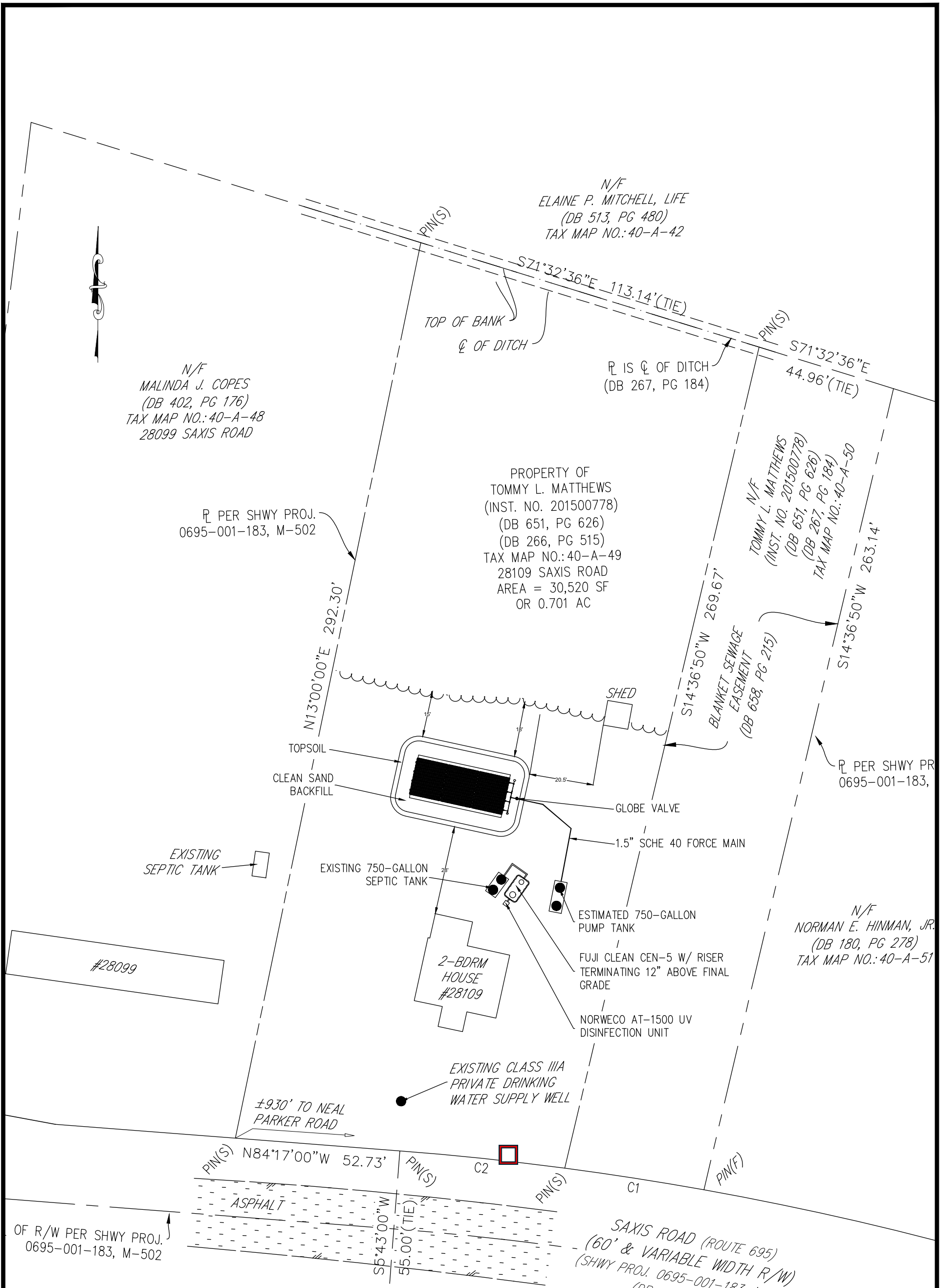


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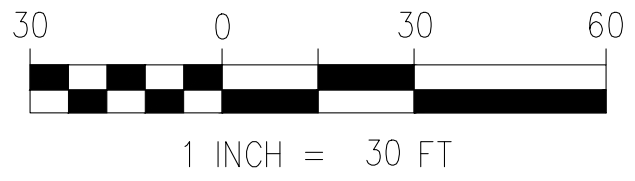
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DATE: 1/16/2023

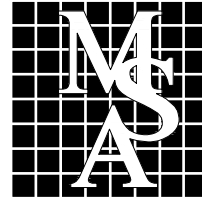
JOB# 21074AA  
ATTACHMENT 1 OF 3



AS-BUILT SITE SKETCH  
 FOR  
 28109 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-49



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 ATTACHMENT 1 OF 3

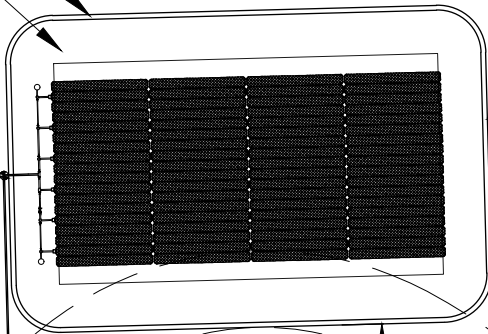
TAX MAP ID#  
40-A-40

TAX MAP  
40-A-40

P ID#  
-39



TOPSOIL  
CLEAN SAND  
BACKFILL



GLOBE VALVE

1.5" SCHE 40 FORCE MAIN  
(TYP.)

21'

FUJI CLEAN CEN-5 W/ RISER  
TERMINATING 12" ABOVE FINAL GRADE

CLASS IIIA  
WATER  
#28025  
SAXIS ROAD

EXISTING 750-GALLON  
PUMP TANK

NORWECO AT-1500 UV  
DISINFECTION UNIT

AST

EXISTING 1,000-GALLON  
SEPTIC TANK

EXISTING  
3-BEDROOM  
HOUSE  
#28039

COVERED  
PORCH

EXISTING CLASS  
IIIA PRIVATE  
DRINKING WATER  
SUPPLY WELL

EXISTING  
PRIVATE  
SUPPLY  
SAXIS ROAD

APPROX. LOCATION FORMER  
GRAVEL DRIVEWAY

EXISTING CRUSHED  
STONE DRIVEWAY

PP



1 INCH = 20 FT

SAXIS ROAD

AS-BUILT SITE SKETCH  
FOR  
28039 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-40



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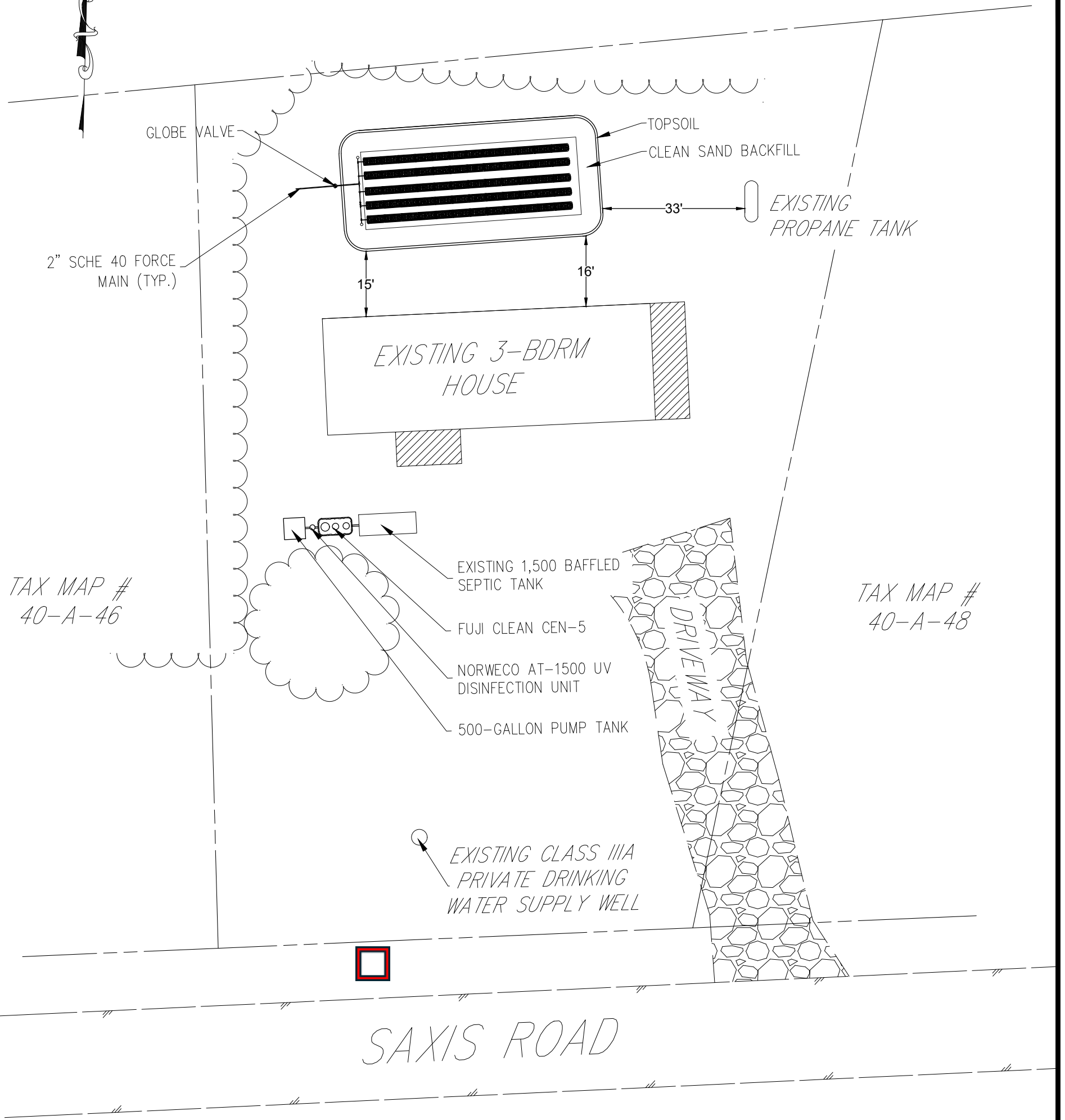
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DATE: 2/17/2023

JOB# 21074AC

ATTACHMENT 1 OF 3

TAX MAP #  
40-A-42



1 INCH = 25 FT

AS-BUILT SITE SKETCH  
FOR  
28087 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-47



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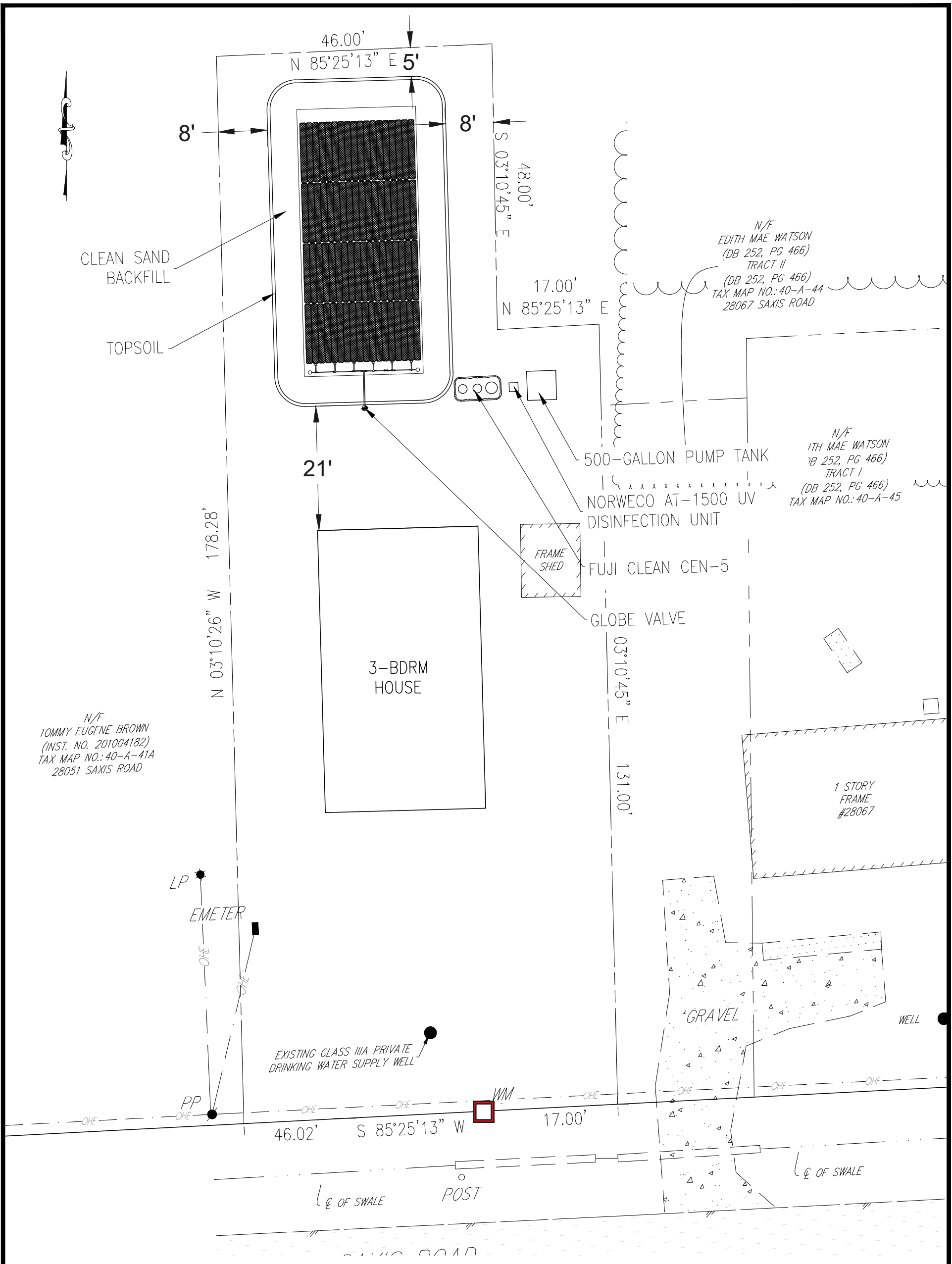
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DATE: 2/27/2023

JOB# 21074B

ATTACHMENT 1 OF 3



N/F  
TOMMY EUGENE BROWN  
(INST. NO. 201004182)  
TAX MAP NO.: 40-A-41A  
28051 SAXIS ROAD

N/F  
EDITH MAE WATSON  
(DB 252, PG 466)  
TRACT II  
(DB 252, PG 466)  
TAX MAP NO.: 40-A-44  
28067 SAXIS ROAD

N/F  
EDITH MAE WATSON  
(DB 252, PG 466)  
TRACT I  
(DB 252, PG 466)  
TAX MAP NO.: 40-A-45

AS-BUILT SITE SKETCH  
FOR  
28059 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-43



1 INCH = 16 FT



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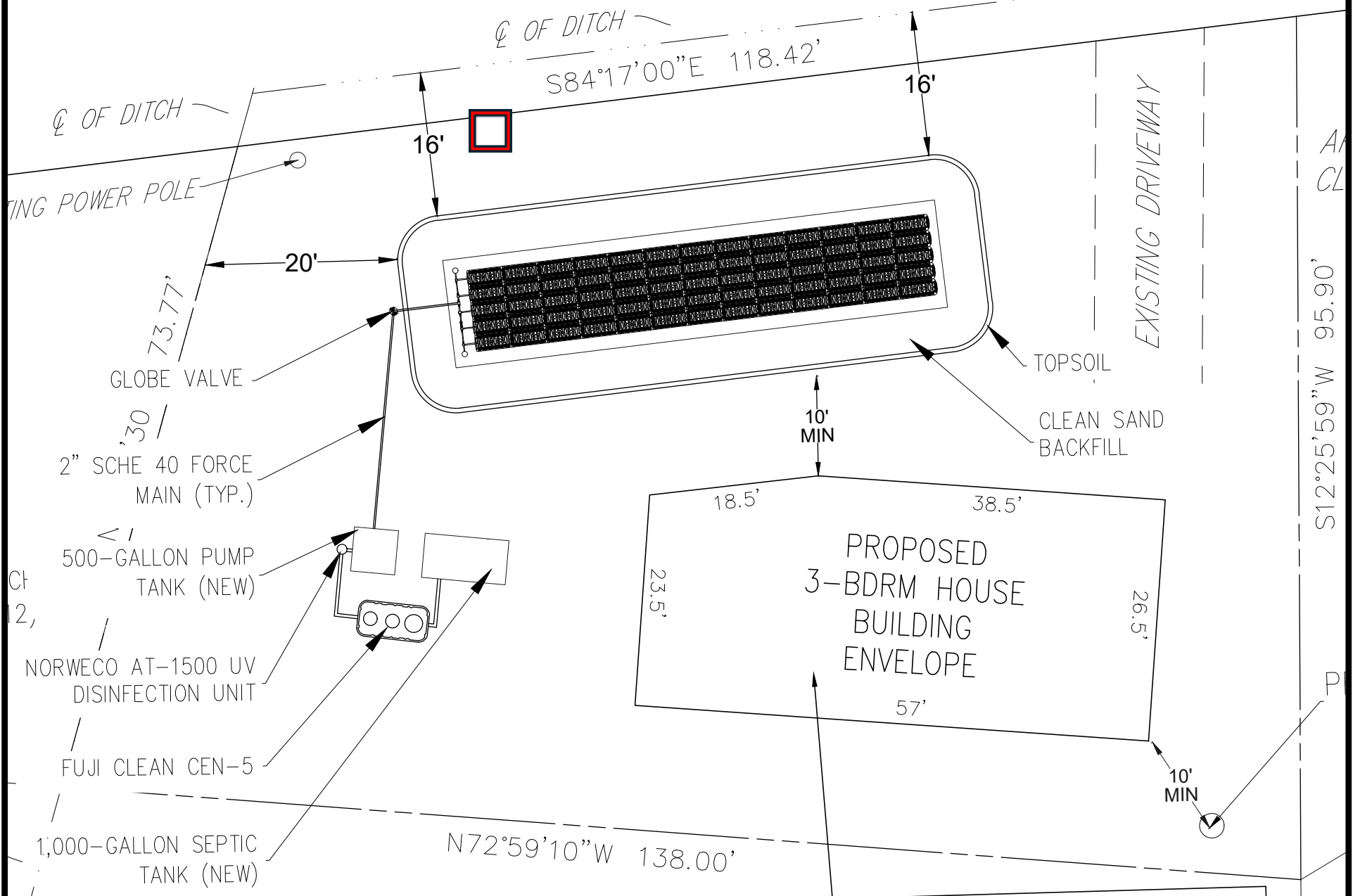
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JOB# 21074C  
ATTACHMENT 1 OF 3



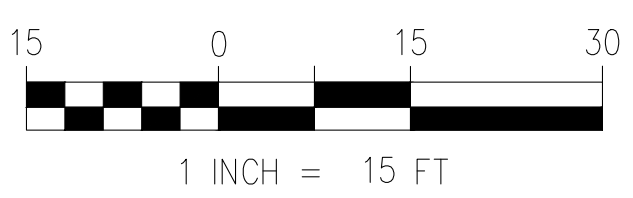


SAXIS ROAD



PROPOSED WELL IS <50' FROM PROPOSED DWELLING BUILDING ENVELOPE - A TERMITE/CHEMICALLY TREATED FOUNDATION CANNOT BE USED. DWELLING TO UTILIZE BORATE BASED PRODUCT AND/OR BAIT STATIONS INSTEAD.

N/F  
RUTH HILL FLETCHER  
(DB 65, PG 567)  
TAX MAP NO.: 40-A-64



AS-BUILT SITE SKETCH  
FOR  
28014 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-62



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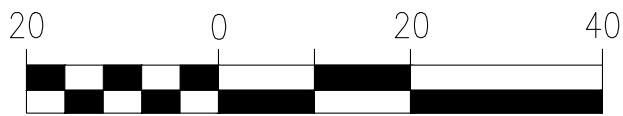
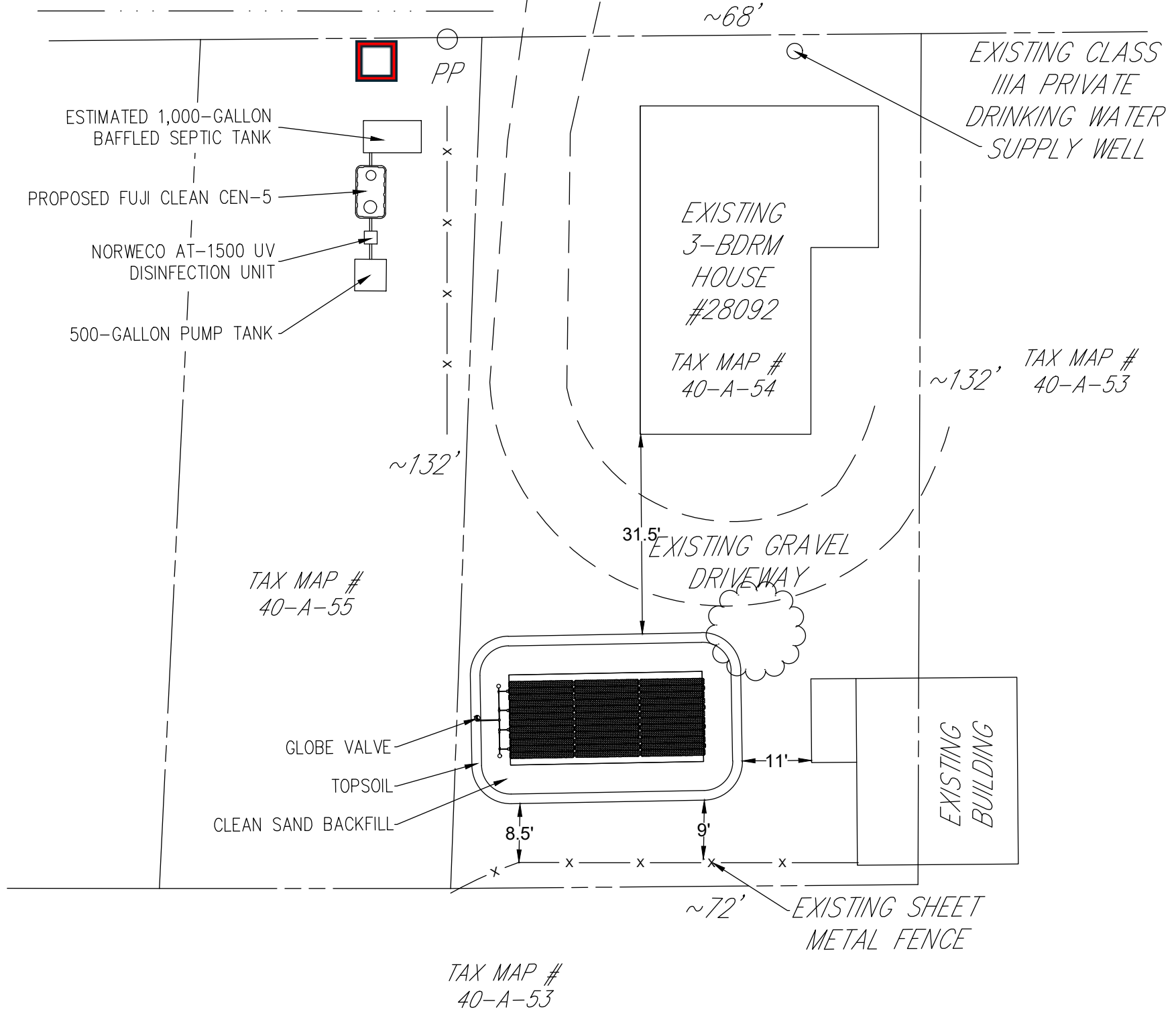
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DATE: 2/27/2023

JOB# 21074D  
ATTACHMENT 1 OF 3



# SAXIS ROAD

C/L OF DITCH



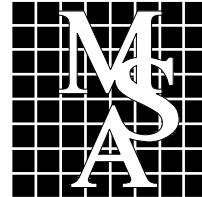
1 INCH = 20 FT

AS-BUILT SITE SKETCH  
 FOR  
 28092 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-54



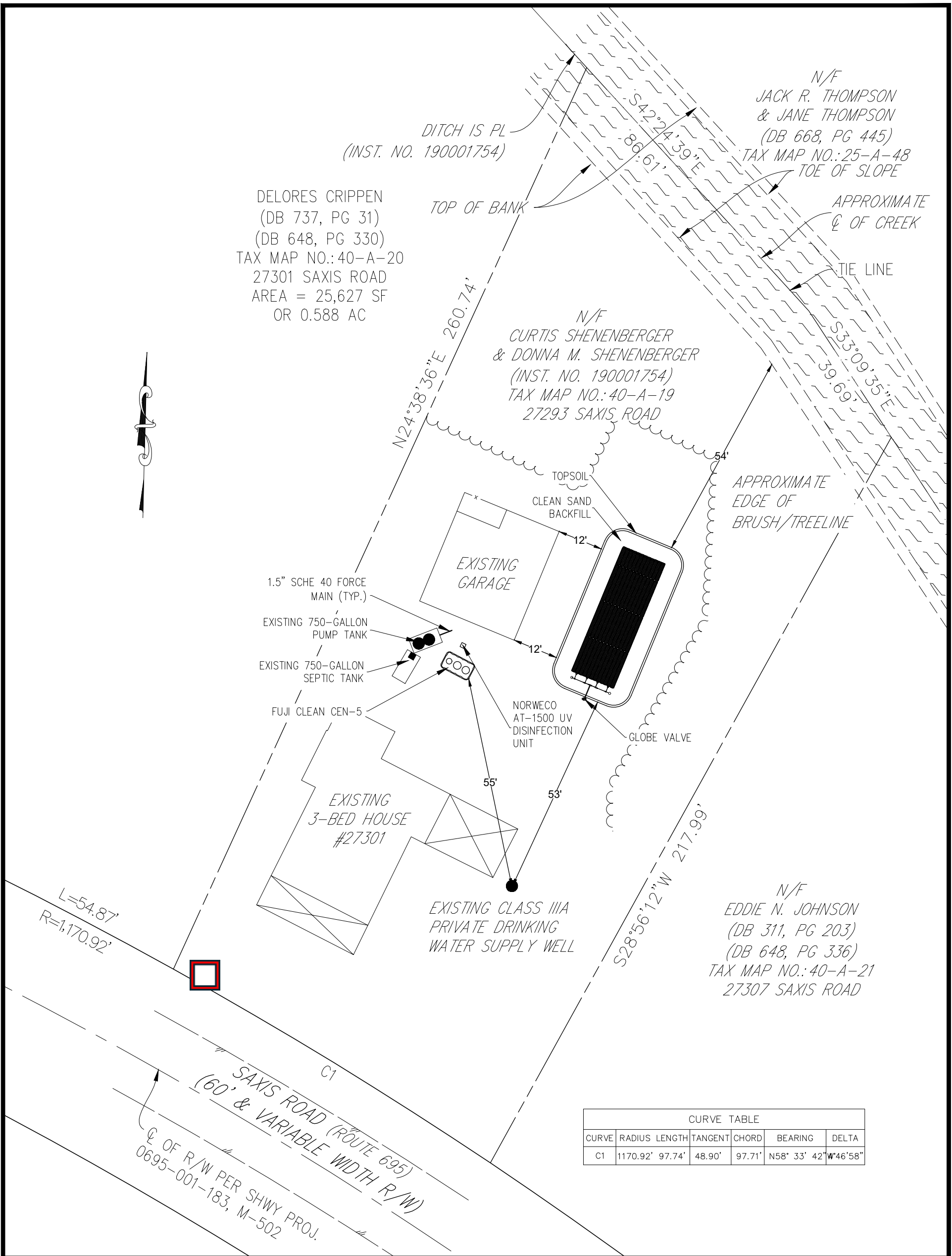
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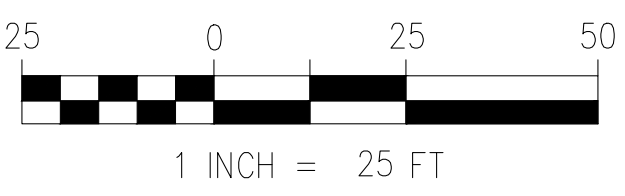
DWN BY: TBP  
 DATE: 11/30/2022

JOB# 21074E  
 ATTACHMENT 3 OF 3



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1170.92'	97.74'	48.90'	97.71'	N58° 33' 42"	W46°58"

AS-BUILT SITE SKETCH  
FOR  
27301 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-20



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DATE: 2/17/2023

JOB# 21074F  
ATTACHMENT 1 OF 3





N/F  
LENORA HINMAN  
(DB 483, PG 614)  
TAX MAP NO.: 40-A-31  
27417 SAXIS ROAD

PROPERTY LINE IS  
LEAD DITCH  
(DB 483, PG 614)

N/F  
JACK THOMPSON  
OR JANE THOMPSON  
(INST. NO. 201500700)  
(DB 666, PG 307)  
TAX MAP NO.: 40-A-35

N17°21'00"E 271.77'

S41°18'59"E 81.84'

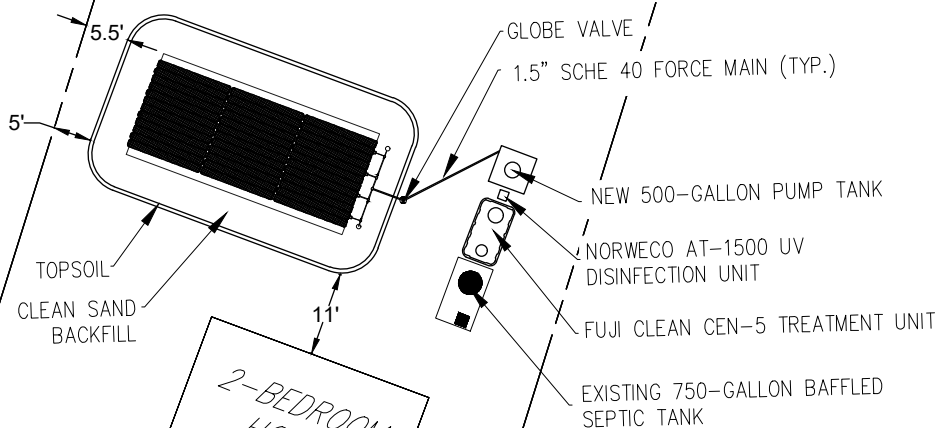
APPROXIMATE  $\hat{C}$  OF CREEK

TIE LINE,  
PROPERTY LINE IS  
LEAD DITCH  
(DB 643, PG 190)

TOP OF BANK

PARCEL DESIGNATED AS  
"TRACT ONE"  
(DB 643, PG 190)  
TAX MAP NO.: 40-A-32  
27427 SAXIS ROAD  
AREA = 17,638 SF  
OR 0.405 AC

PROPERTY LINE IS DITCH  
(DB 459, PG 467)



N/F  
SHERWOOD D. WILSON, SR.,  
& CAROLYN E. J. WILSON  
(DB 459, PG 467)  
(DB 653, PG 61)  
TAX MAP NO.: 40-A-33

APPROX. LOCATION EXISTING  
CLASS IIIA PRIVATE DRINKING  
WATER SUPPLY WELL PER  
HDID# 04-100-1138

N69°39'00"W 70.00'

S17°21'00"W 232.87'

±3,244' TO NEAL  
PARKER ROAD

SAXIS ROAD (ROUTE 695)  
(60' & VARIABLE WIDTH R/W)

AS-BUILT SITE SKETCH  
FOR  
27427 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-32



1 INCH = 25 FT



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5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462  
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DATE: 8/8/2023

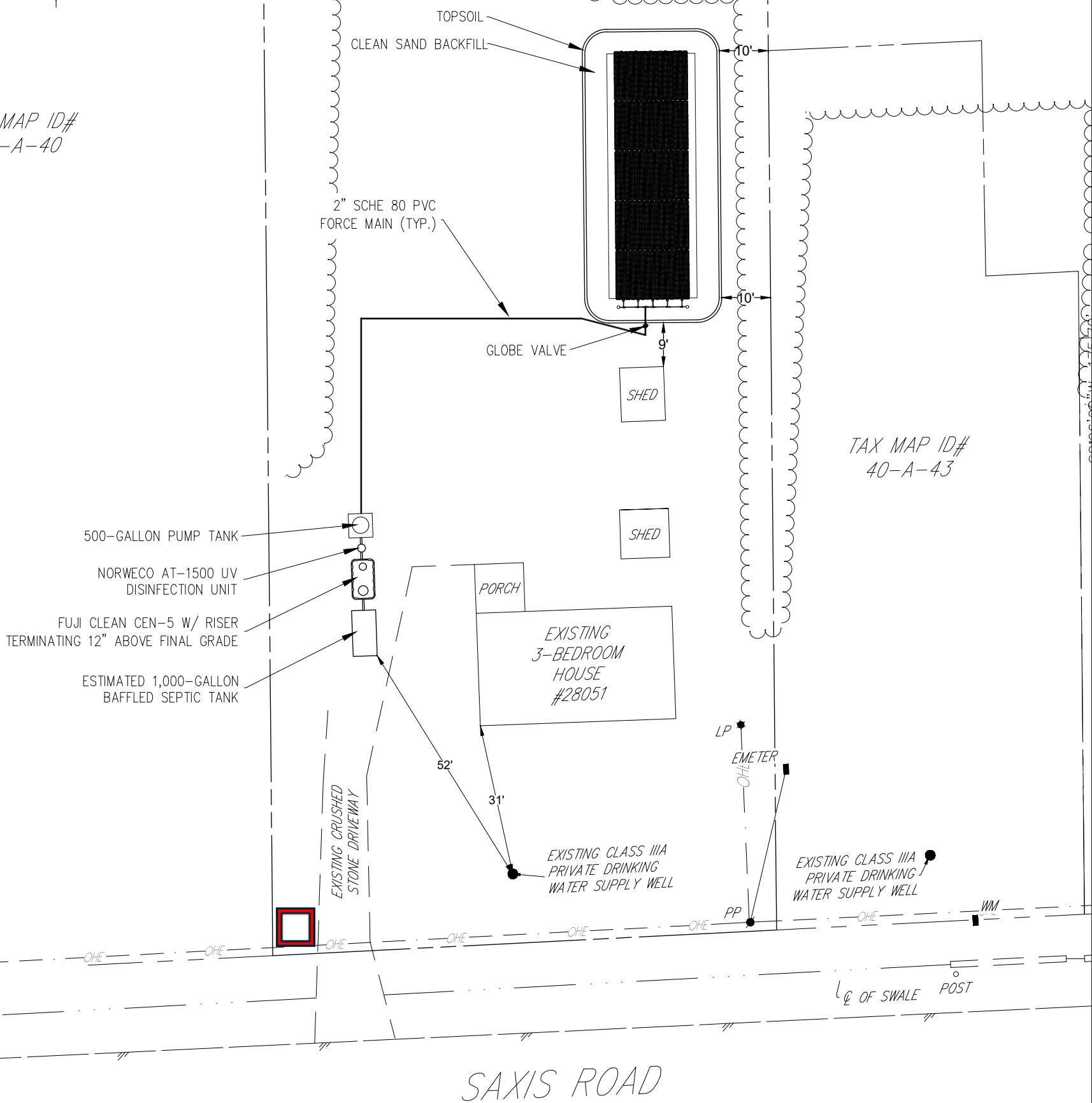
JOB# 21074G  
ATTACHMENT 1

TAX MAP ID#  
40-A-41

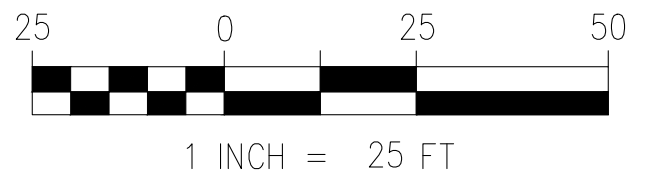
TAX MAP ID#  
40-A-42

TAX MAP ID#  
40-A-40

TAX MAP ID#  
40-A-43



AS-BUILT CONSTRUCTION SKETCH  
FOR  
28051 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-41A



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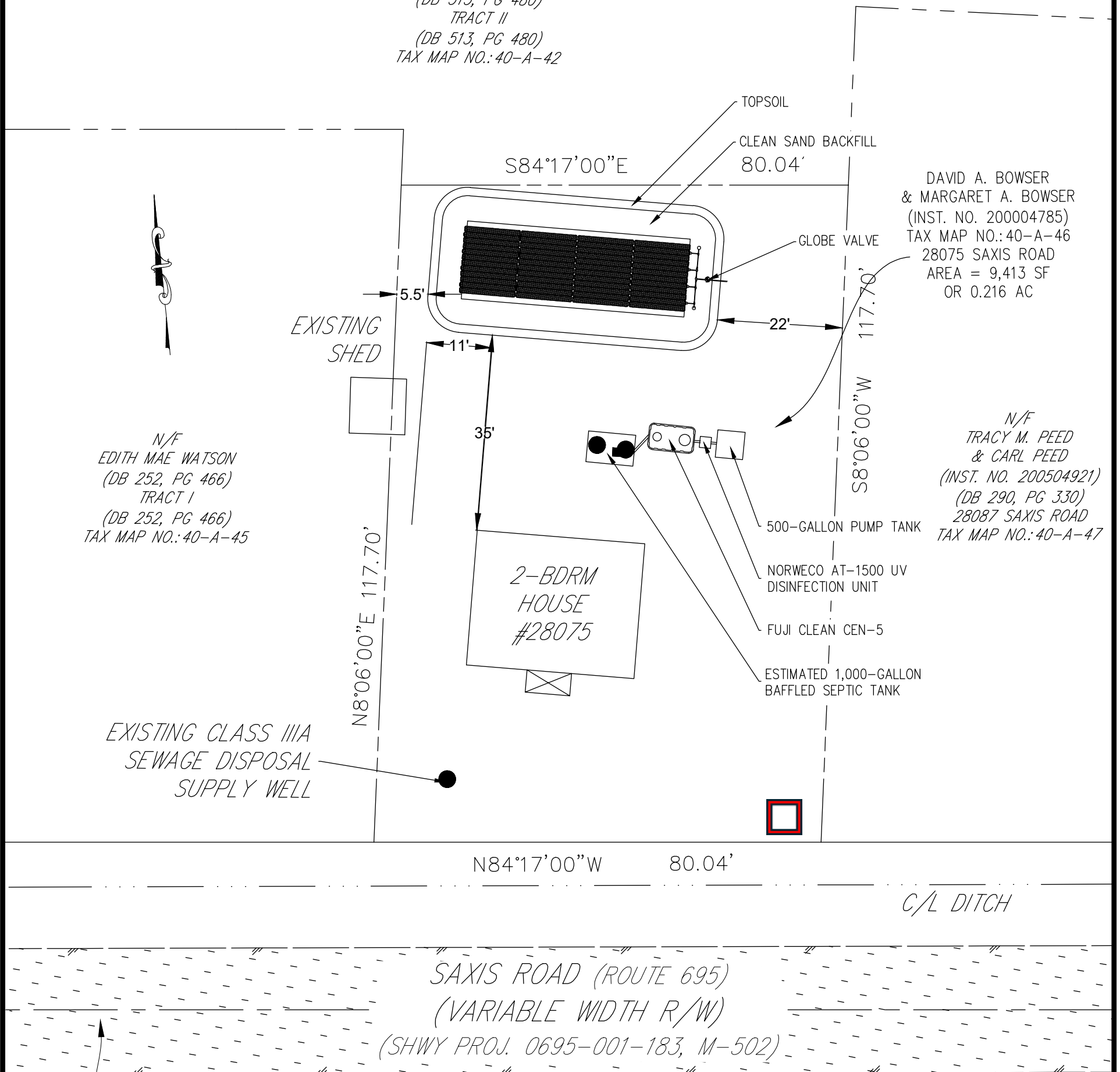
JOB# 21074H  
ATTACHMENT 1 OF 3

N/F  
 ELAINE P. MITCHELL  
 (DB 513, PG 480)  
 TRACT II  
 (DB 513, PG 480)  
 TAX MAP NO.: 40-A-42

N/F  
 EDITH MAE WATSON  
 (DB 252, PG 466)  
 TRACT I  
 (DB 252, PG 466)  
 TAX MAP NO.: 40-A-45

DAVID A. BOWSER  
 & MARGARET A. BOWSER  
 (INST. NO. 200004785)  
 TAX MAP NO.: 40-A-46  
 28075 SAXIS ROAD  
 AREA = 9,413 SF  
 OR 0.216 AC

N/F  
 TRACY M. PEED  
 & CARL PEED  
 (INST. NO. 200504921)  
 (DB 290, PG 330)  
 28087 SAXIS ROAD  
 TAX MAP NO.: 40-A-47



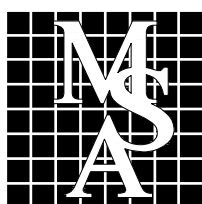
EXISTING CLASS IIIA  
 SEWAGE DISPOSAL  
 SUPPLY WELL

CL OF R/W PER SHWY PROJ.  
 0695-001-183, M-502



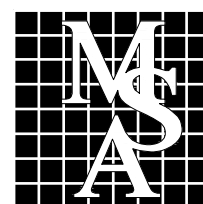
1 INCH = 20 FT

AS-BUILT SITE SKETCH  
 FOR  
 28075 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-46



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 DATE: 12/1/2022

JOB# 210741  
 ATTACHMENT 1 OF 3



TAX MAP #  
40-A-14

TAX MAP #  
40-A-15

C/L OF DITCH

APPROXIMATE EDGE OF  
TREE / BRUSHLINE

ESTIMATED 1,000-GALLON  
SEPTIC TANK (EXISTING)

FUJI CLEAN CEN-5

NORWECO AT-1500 DISINFECTION UNIT

500-GALLON PUMP TANK

1.5" SCHE 40 FORCE MAIN (TYP.)

EXISTING  
2-BDRM  
HOUSE  
#27225

16'

50'

69'

52'

EXISTING GRAVEL  
DRIVEWAY

41.5'

CLASS IIIA PRIVATE  
DRINKING WATER  
SUPPLY WELL

30.5'

30.5'

GLOBE VALVE

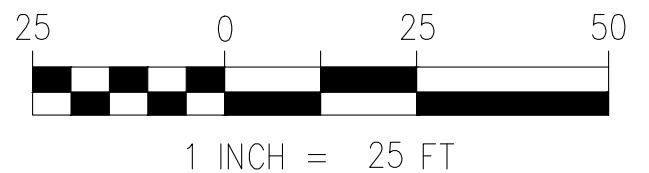
CLEAN SAND BACKFILL

TOPSOIL

SAXIS ROAD

C/L OF DITCH

AS-BUILT SITE SKETCH  
FOR  
27225 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-15A



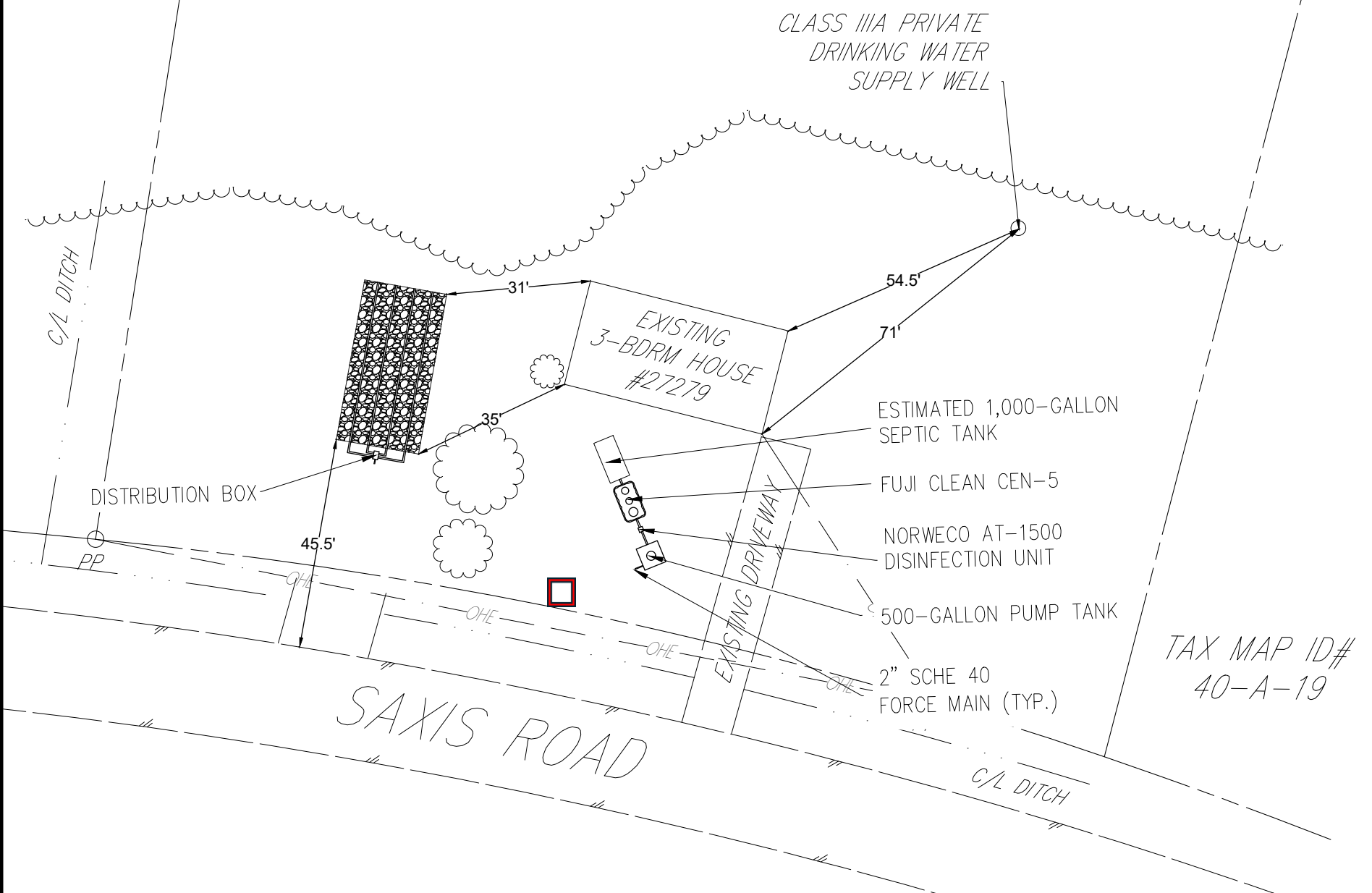
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DWN BY: TBP  
DATE: 8/9/2023

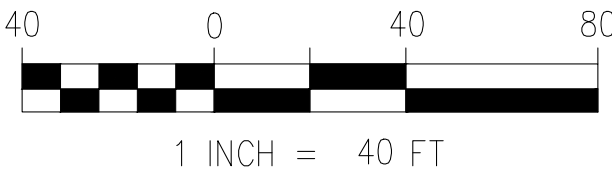
JOB# 21074J  
ATTACHMENT 3

TAX MAP ID#  
40-A-17



TAX MAP ID#  
40-A-19

AS-BUILT SITE SKETCH  
FOR  
27279 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-18



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DWN BY: TBP  
DATE: 8/9/2023

JOB# 21074K  
ATTACHMENT 1



N/F  
 ELAINE P. MITCHELL  
 (DB 513, PG 480)  
 TRACT II  
 (DB 513, PG 480)  
 TAX MAP NO.: 40-A-42

N/F  
 TOMMY L. MATTHEWS  
 (INST. NO. 201500778)  
 (DB 651, PG 626)  
 (DB 266, PG 515)  
 TAX MAP NO.: 40-A-49  
 28109 SAXIS ROAD

MALINDA J. COPES  
 (DB 402, PG 176)  
 (DB 651, PG 620)  
 TAX MAP NO.: 40-A-48  
 28099 SAXIS ROAD  
 AREA = 20,362 SF  
 OR 0.467 AC

N/F  
 TRACY M. PEED  
 & CARL PEED  
 (INST. NO. 200504921)  
 (DB 290, PG 330)  
 28087 SAXIS ROAD  
 TAX MAP NO.: 40-A-47

S84°17'00"E 105.00'

S13°00'00"W 196.61'

N13°00'00"E 191.69'

EXISTING GARAGE

EXISTING SHED AND CANOPY

EXISTING 3-BED HOUSE #28099

EXISTING GRAVEL DRIVEWAY

APPROX. LOCATION CLASS III C PRIVATE DRINKING WATER SUPPLY WELL (ACCORDING TO OWNER)

- CLEAN SAND BACKFILL
- TOPSOIL
- GLOBE VALVE
- 500-GALLON PUMP TANK
- NORWECO AT-1500 UV DISINFECTION UNIT
- FUJI CLEAN CEN-5
- ESTIMATED 1,000-GALLON BAFFLED SEPTIC TANK

C/L DITCH

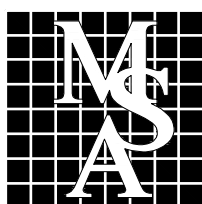
N78°19'22"W 46.98' — N84°17'00"W 57.66'

SAXIS ROAD (ROUTE 695)  
 (VARIABLE WIDTH R/W)  
 (SHWY PROJ. 0695-001-183, M-502)  
 (DB 651, PG 620)



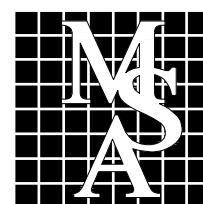
1 INCH = 25 FT

AS-BUILT SITE SKETCH  
 FOR  
 28099 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-48



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DWN BY: TBP  
 DATE: 11/30/2022

JOB# 21074L  
 ATTACHMENT 1 OF 3



N/F  
 JACK THOMPSON  
 OR JANE THOMPSON  
 (INST. NO. 201500700)  
 (DB 666, PG 307)  
 TAX MAP NO.: 40-A-35

TIE LINE,  
 PROPERTY LINE IS  
 LEAD DITCH  
 (DB 643, PG 190)

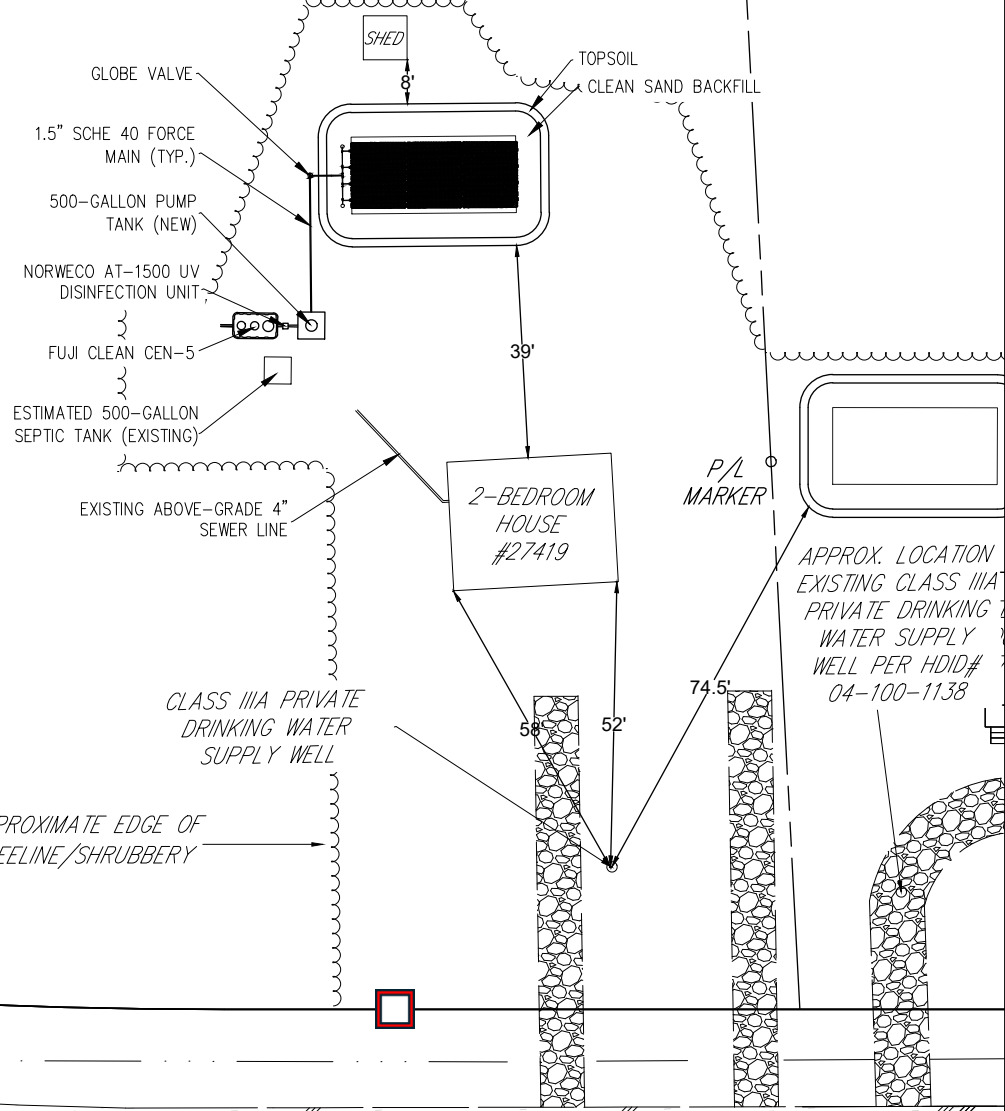
N/F  
 LENORA HINMAN  
 (DB 483, PG 614)  
 TAX MAP NO.: 40-A-31  
 27417 SAXIS ROAD

N/F  
 NELSON HINMAN  
 (DB 643, PG 190)  
 TAX MAP  
 NO.: 40-A-32

APPROXIMATE WESTERN  
 PROPERTY LINE

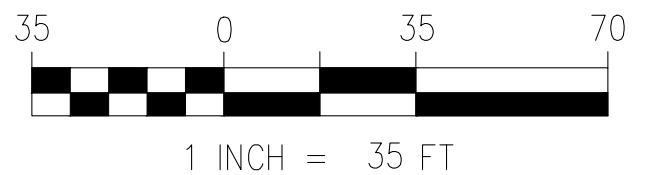
APPROX. C/L STREAM

APPROX. TOB



SAXIS ROAD (ROUTE 695)  
 (60' & VARIABLE WIDTH R/W)

AS-BUILT SITE SKETCH  
 FOR  
 27419 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-31

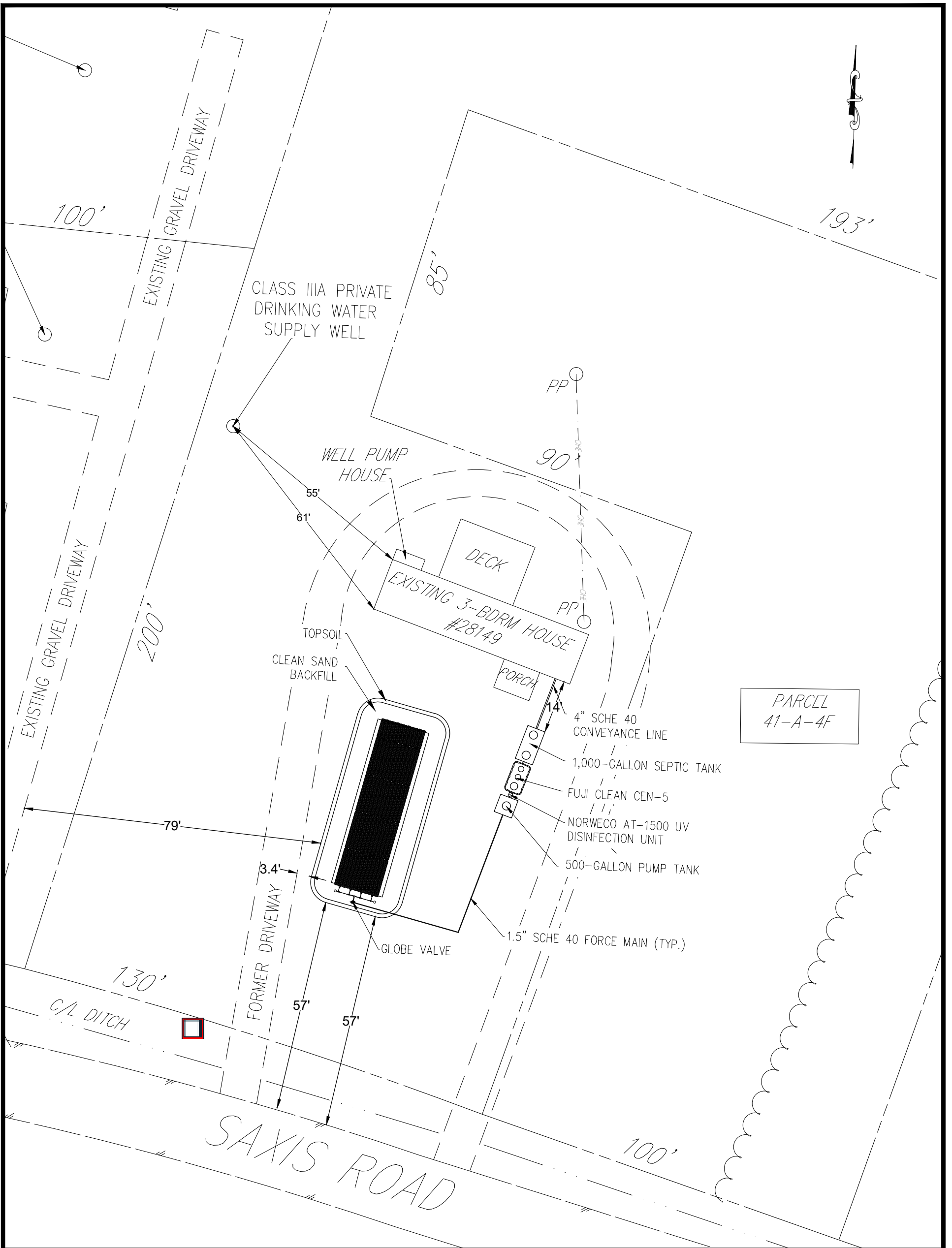


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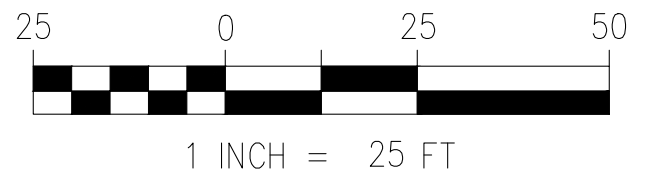
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JOB# 21074M  
 ATTACHMENT 3

DWN BY: TBP  
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AS-BUILT CONSTRUCTION SITE SKETCH  
 FOR  
 28149 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 41-A-4E



ENGINEERS | SCIENTISTS | SURVEYORS

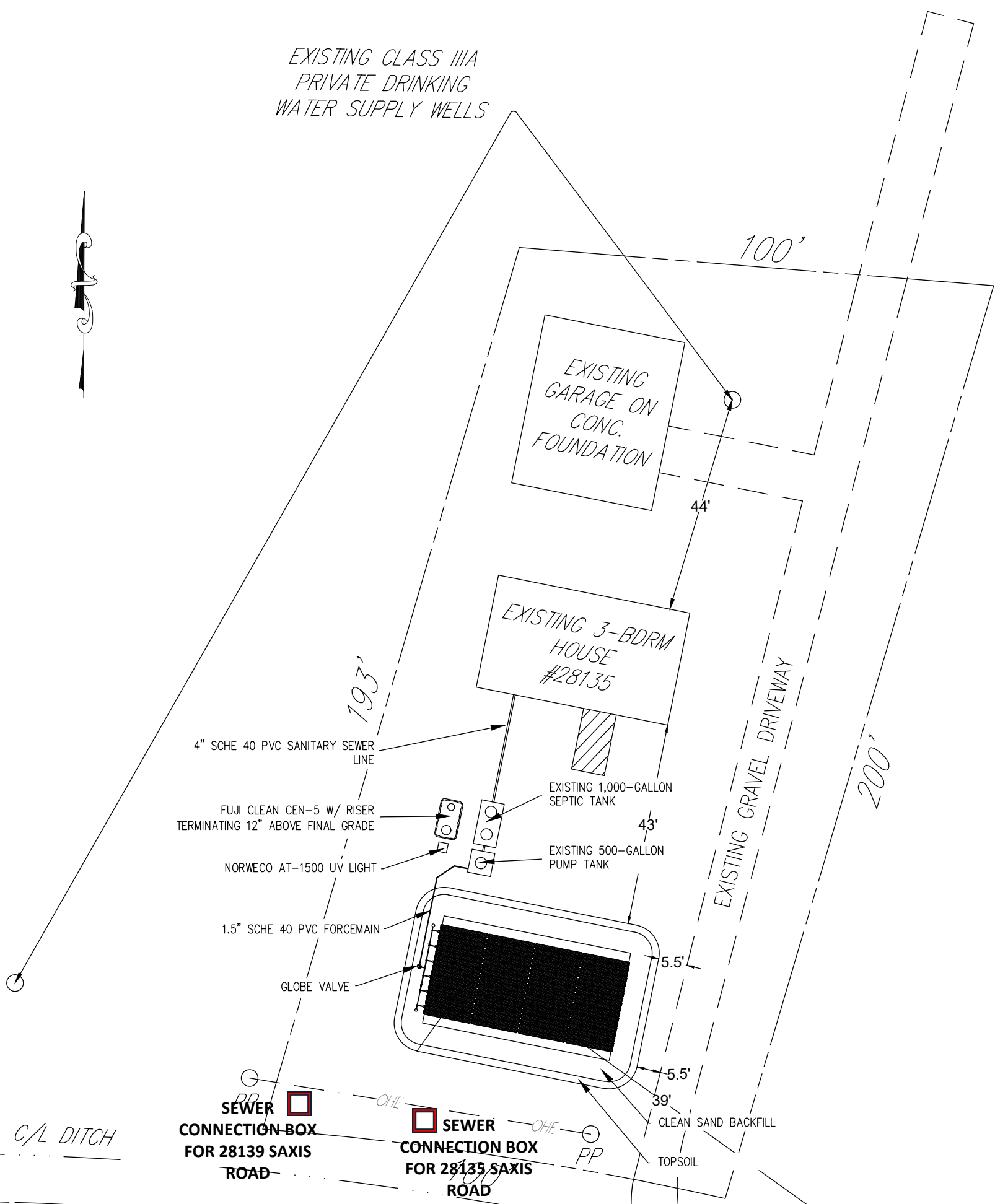
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 DATE: 8/8/2023

JOB# 21074N  
 ATTACHMENT 3



EXISTING CLASS IIIA  
PRIVATE DRINKING  
WATER SUPPLY WELLS



C/L DITCH

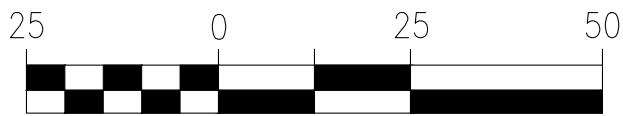
SEWER CONNECTION BOX  
FOR 28139 SAXIS  
ROAD

SEWER CONNECTION BOX  
FOR 28135 SAXIS  
ROAD

CLEAN SAND BACKFILL  
TOPSOIL

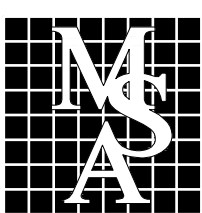
C/L DITCH

SAXIS ROAD



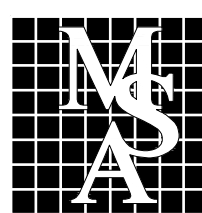
1 INCH = 25 FT

AS-BUILT SITE SKETCH  
FOR  
28135 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 41-A-4E1



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DATE: 11/30/2022

JOB# 21074P  
ATTACHMENT 1 OF 3

# Construction Drawing HD ID #: 05-100-1632

<b>Owner Information</b>	
Norman Hinmon 28123 Saxis Rd Temperanceville, VA 23442	Phone:

**Construction Drawing**

Schematic drawing of sewage disposal system and topographic features.

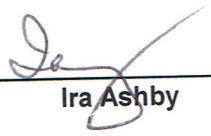
Norman Hinmon  
 HDIN 05-100-1632  
 Tax map no. 40((A))51  
 28123 Saxis Road  
 Makemie Park, Virginia  
 Construction permit for a dual compartment 1000 gallon septic tank and pump station to be connected to the central sewerage connection box (Makemie Park Project)

Contents of existing septic tank to be pumped out before tank is crushed in

The diagram shows a property with a driveway on the right side. An existing septic tank is located near the driveway, with dimensions 36' by 36'. A proposed 1000 gallon septic tank and pump station is shown to the right of the existing tank, with a width of 31'. A vacant area is shown to the right of the driveway. Saxis Road is at the bottom of the property. An existing sewerage connection is shown near the road, with a 7' distance to the proposed tank. An existing deep well is also indicated.


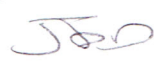
This sewage disposal system construction permit is null and void if conditions are changed from those shown on the application or construction permit. No part of any installation may be covered or used until inspected, corrections made if necessary and the system is approved. The inspection will normally be made by the system designer, who may be an AOSE, PE, or EHS. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon direction of the Department or the system designer.

System Design By: Ira Ashby ; Site Evaluation By: Ira Ashby

  
 Ira Ashby

January 3, 2006  
 Issue Date

July 3, 2007  
 Expiration Date

*noted*  
  
 3 20 06  


ORIGINAL



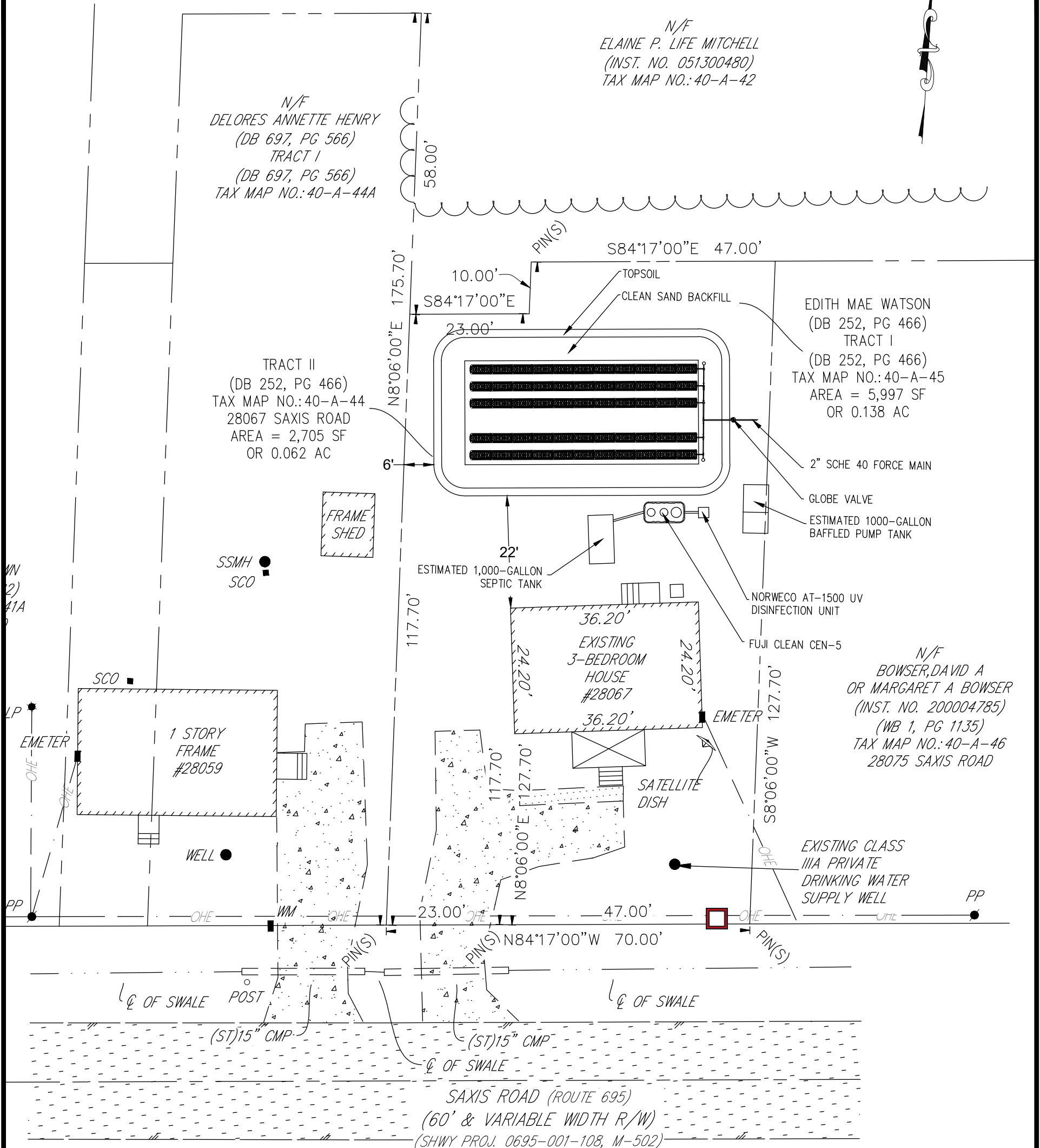
N/F  
ELAINE P. LIFE MITCHELL  
(INST. NO. 051300480)  
TAX MAP NO.: 40-A-42

N/F  
DELORES ANNETTE HENRY  
(DB 697, PG 566)  
TRACT I  
(DB 697, PG 566)  
TAX MAP NO.: 40-A-44A

TRACT II  
(DB 252, PG 466)  
TAX MAP NO.: 40-A-44  
28067 SAXIS ROAD  
AREA = 2,705 SF  
OR 0.062 AC

EDITH MAE WATSON  
(DB 252, PG 466)  
TRACT I  
(DB 252, PG 466)  
TAX MAP NO.: 40-A-45  
AREA = 5,997 SF  
OR 0.138 AC

N/F  
BOWSER, DAVID A  
OR MARGARET A BOWSER  
(INST. NO. 200004785)  
(WB 1, PG 1135)  
TAX MAP NO.: 40-A-46  
28075 SAXIS ROAD



1 INCH = 20 FT

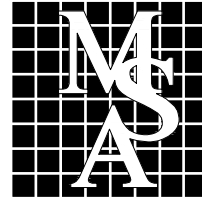
±1,350' TO  $\phi$  OF NEAL  
PARKER ROAD (ROUTE 693)

AS-BUILT SITE SKETCH  
FOR  
28067 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-A-44/45



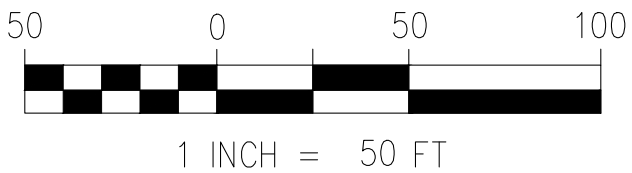
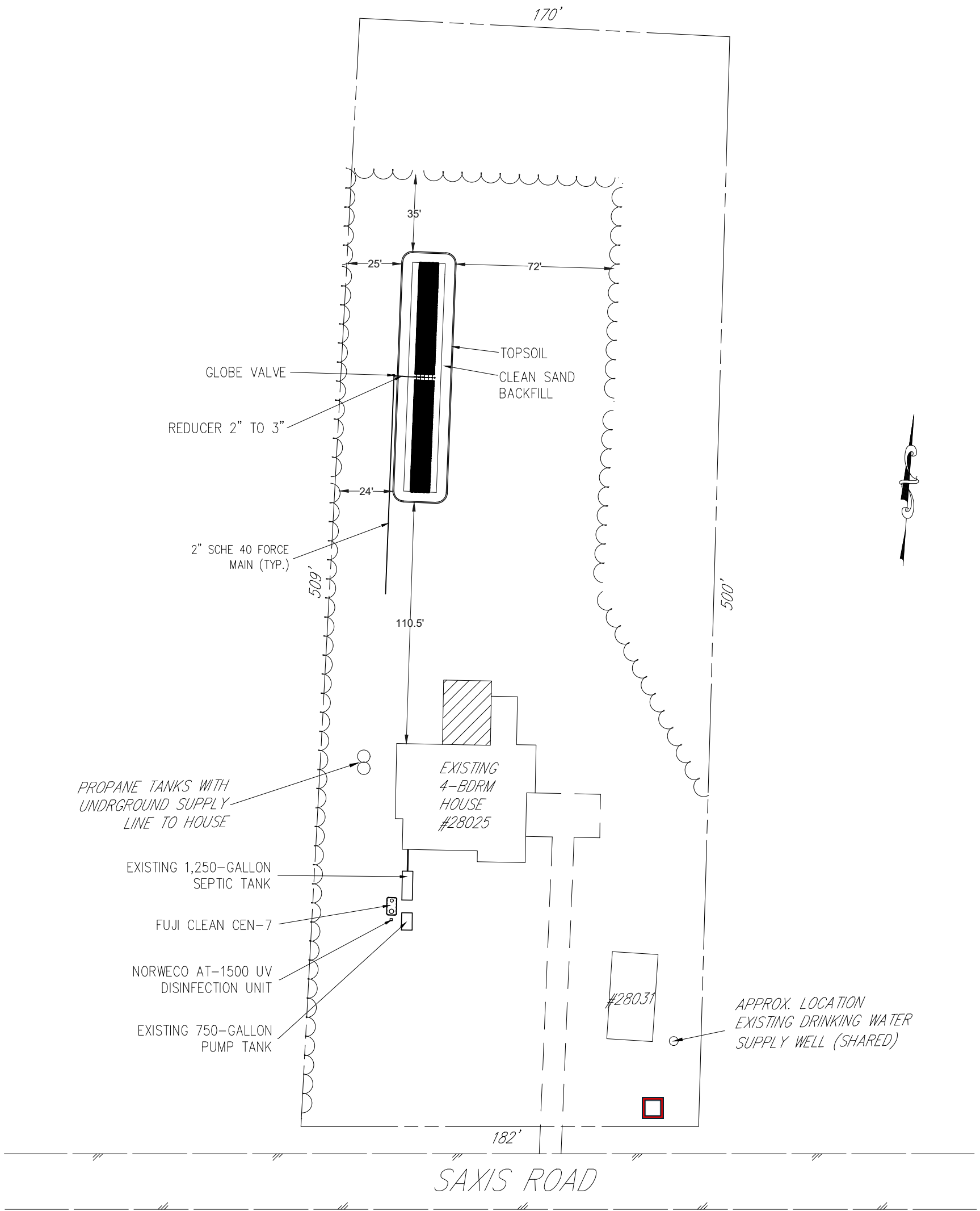
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JOB# 21074S  
ATTACHMENT 1 OF 3



AS-BUILT SITE SKETCH  
 FOR  
 28025 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-39



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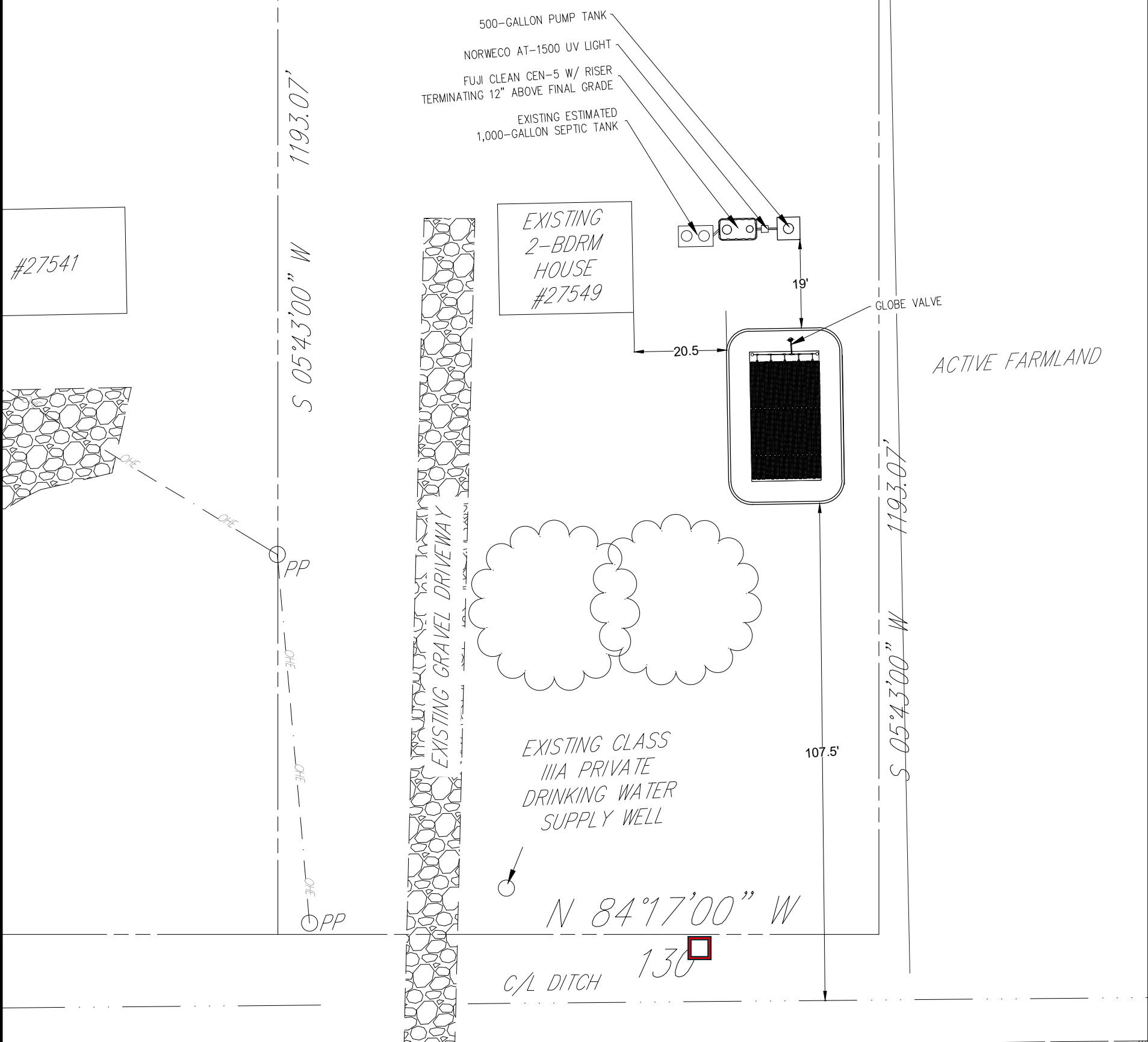
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 DATE: 3/1/2023

JOB# 21074T  
 ATTACHMENT 1 OF 3

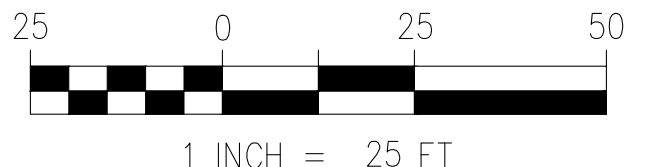
AND

ACTIVE FARMLAND



SAXIS ROAD

AS-BUILT SITE SKETCH  
FOR  
27549 SAXIS ROAD  
TEMPERANCEVILLE, VA 23442  
TAX MAP ID: 40-1-6



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JOB# 21074U  
ATTACHMENT 1 OF 3

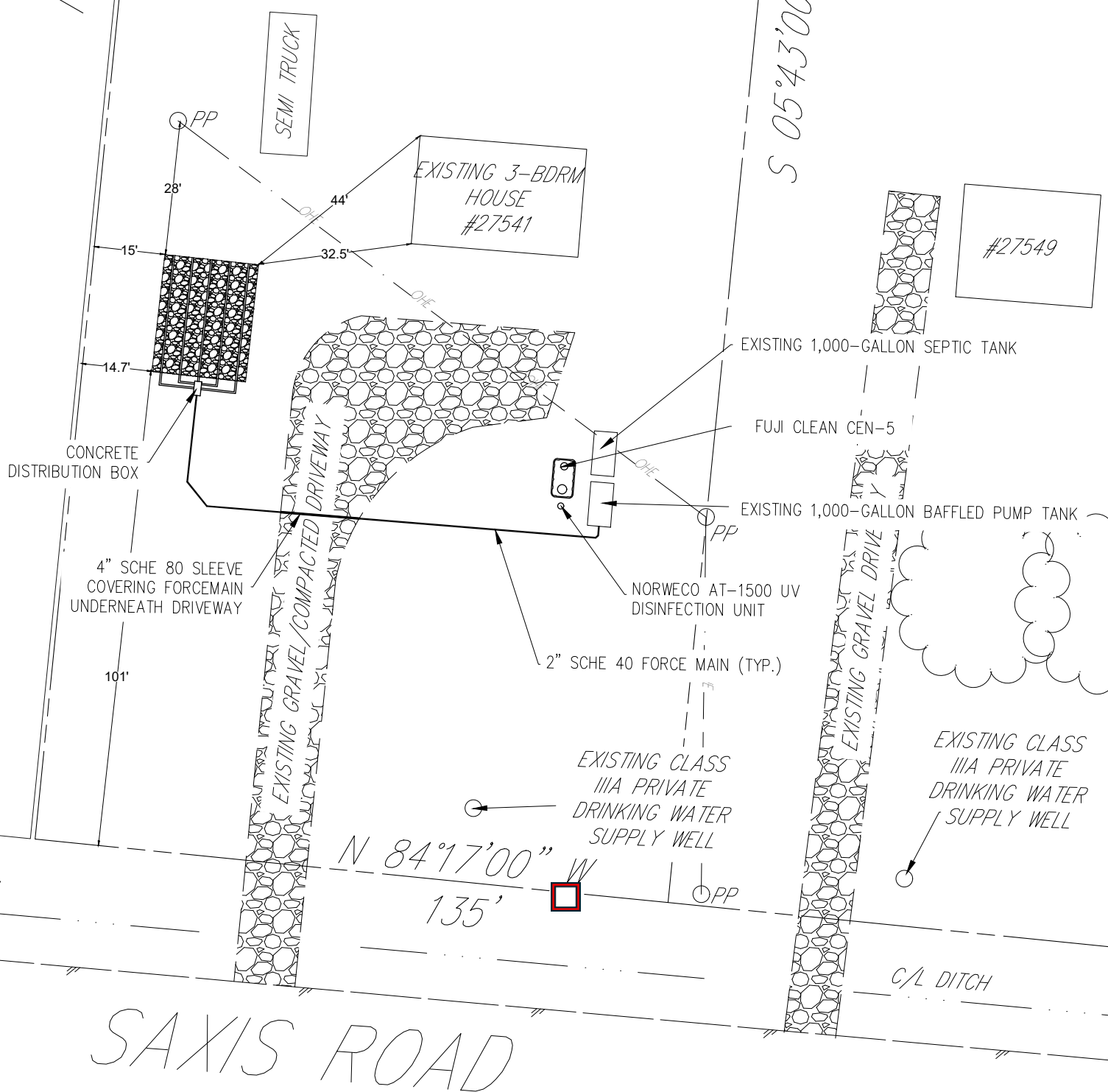


ACTIVE FARMLAND

N 05°43'00" E 1085.57'

S 05°43'00" W 1193.07'

ACTIVE FARMLAND



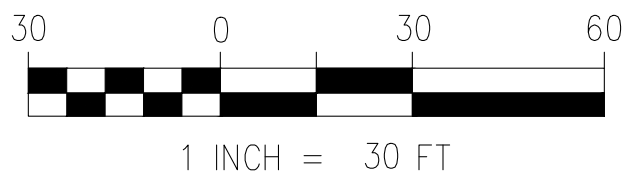
N 84°17'00" W 135'

C/L DITCH

C/L DITCH

SAXIS ROAD

AS-BUILT SITE SKETCH  
 FOR  
 27541 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-1-5

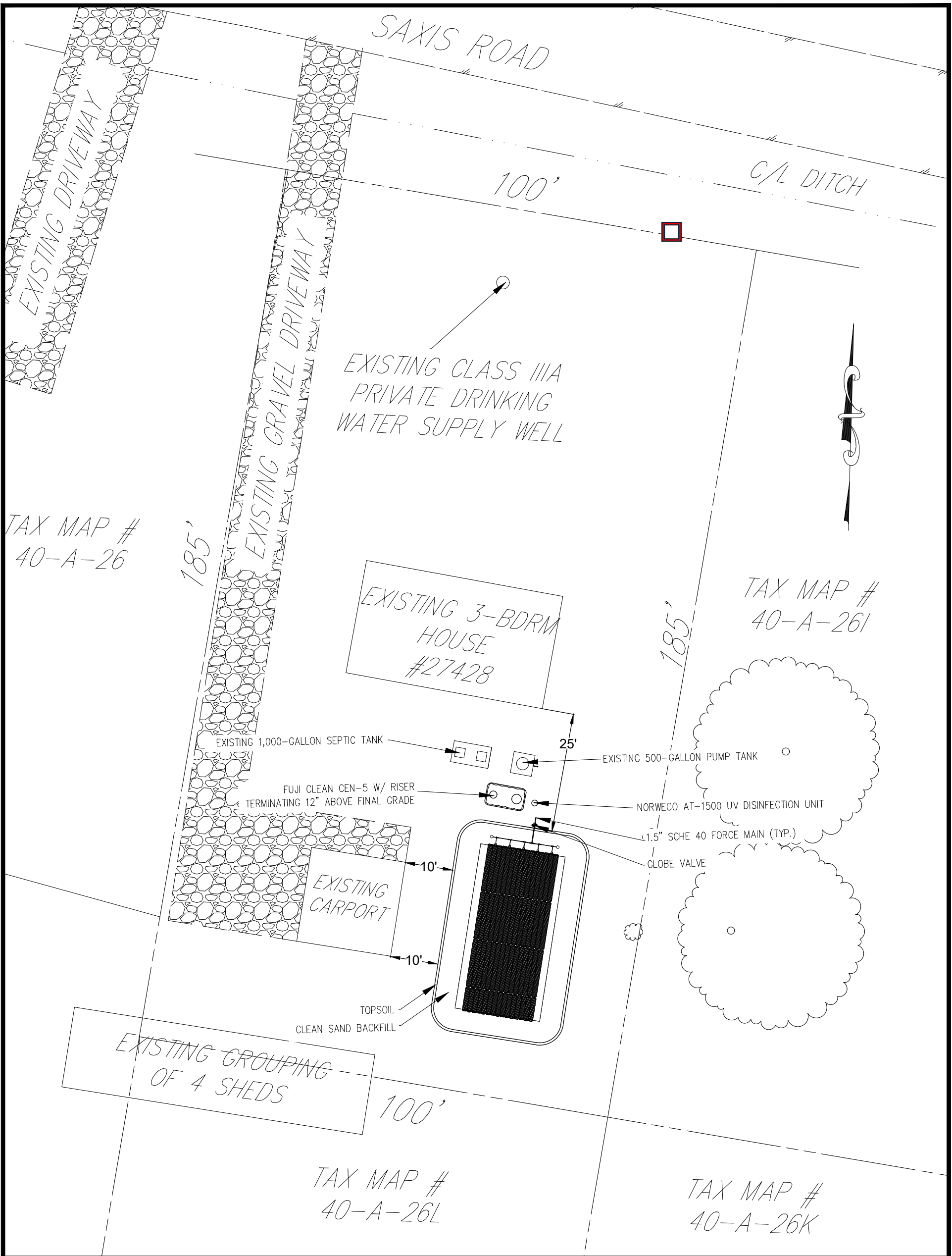


ENGINEERS | SCIENTISTS | SURVEYORS

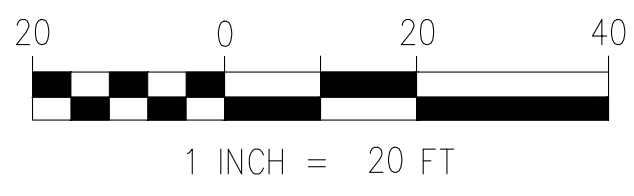
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462  
757.490.2964 | MSAONLINE.COM

DWN BY: TBP  
DATE: 1/16/2023

JOB# 21074V  
ATTACHMENT 1 OF 1



AS-BUILT SITE SKETCH  
 FOR  
 27428 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-26J

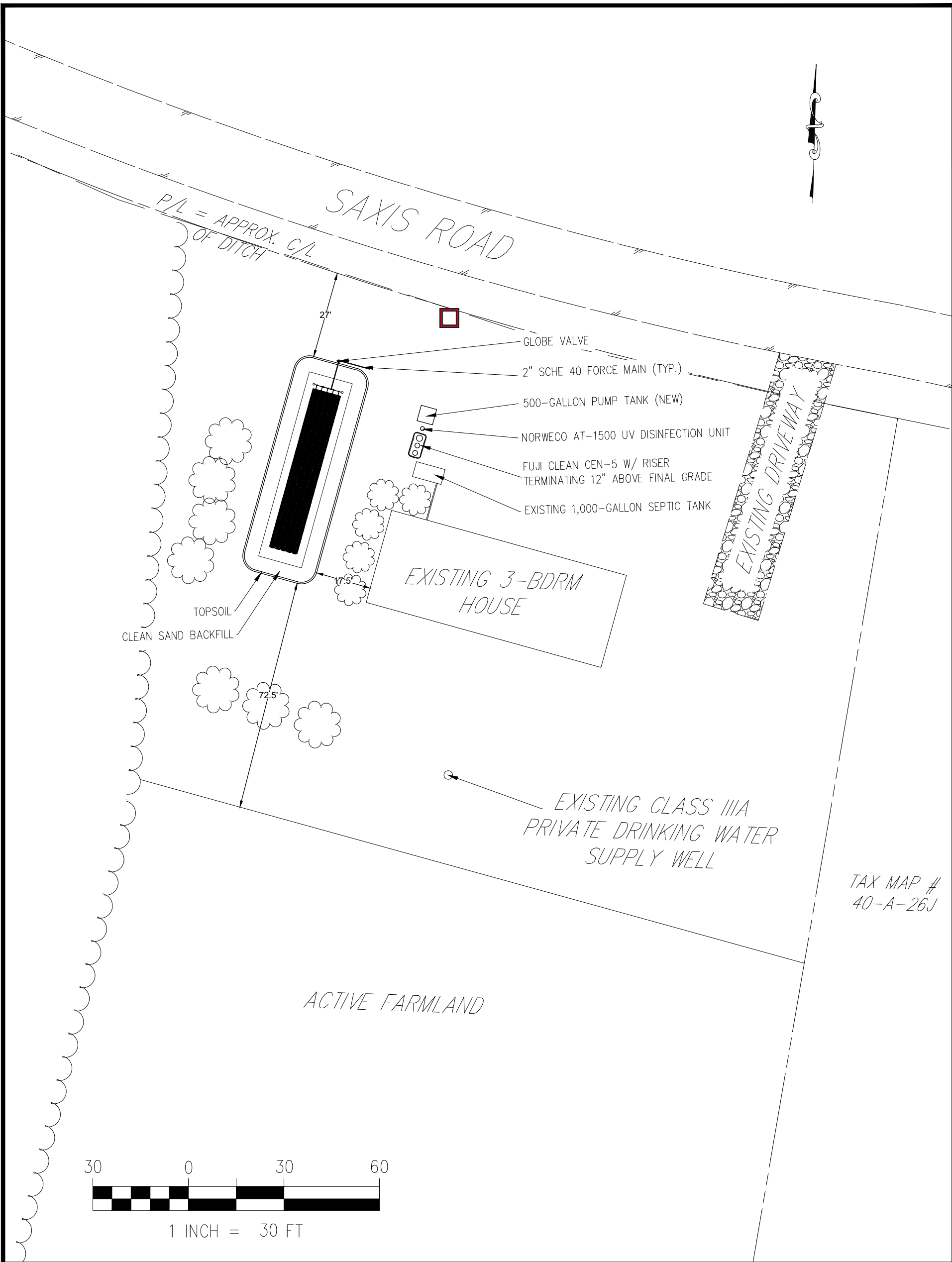


ENGINEERS | SCIENTISTS | SURVEYORS

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 757.490.2964 | MSAONLINE.COM

DWN BY: TBP  
 DATE: 1/16/2023

JOB# 21074W  
 ATTACHMENT 1 OF 3



AS-BUILT CONSTRUCTION SITE SKETCH  
 FOR  
 27418 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-26



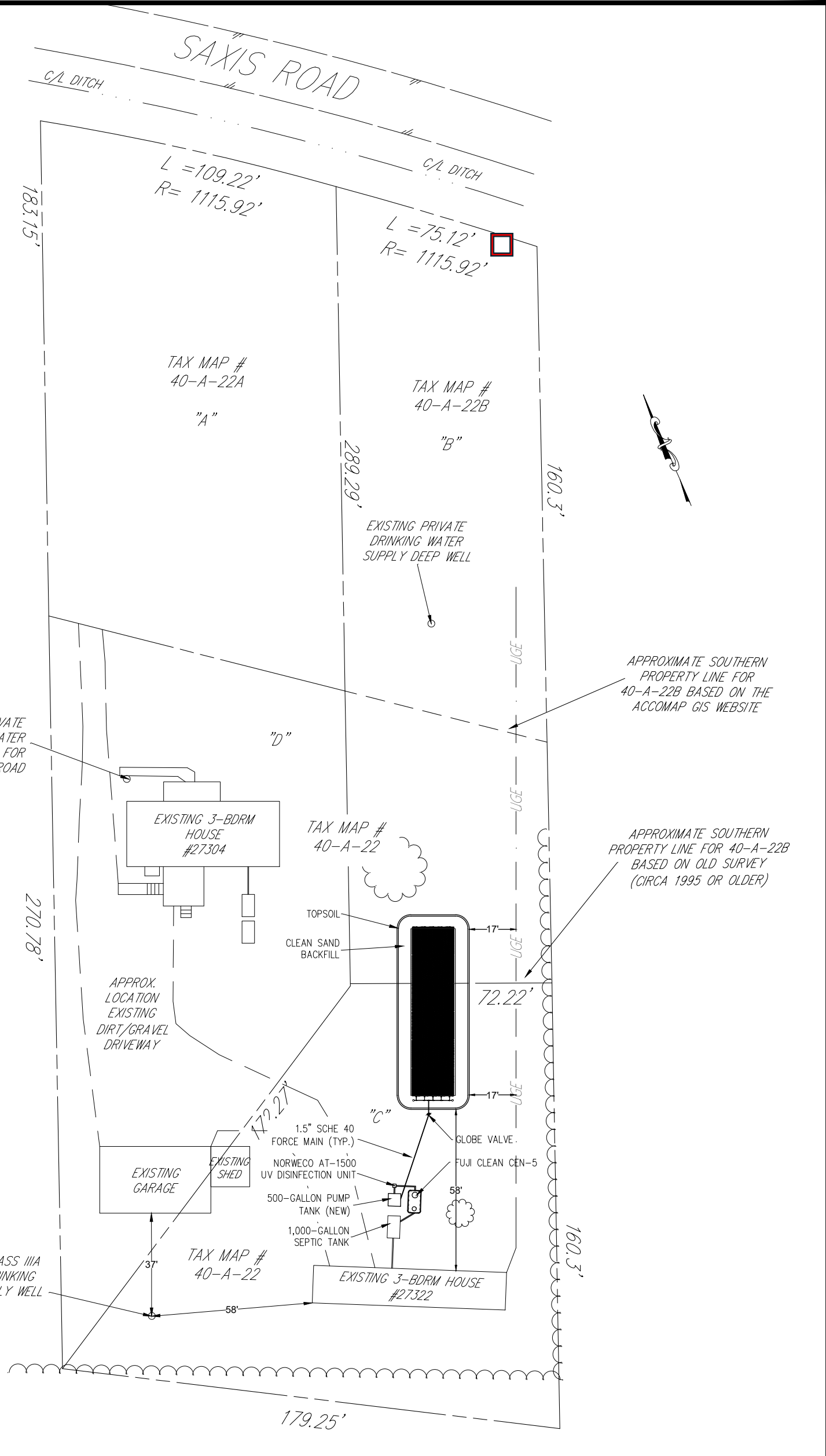
ENGINEERS | SCIENTISTS | SURVEYORS

5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462  
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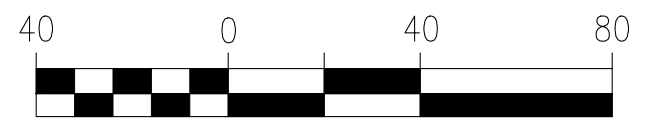
DWN BY: TBP  
 DATE: 2/27/2023

JOB# 21074X  
 ATTACHMENT 1 OF 3





AS-BUILT SITE SKETCH  
 FOR  
 27322 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-22



1 INCH = 40 FT

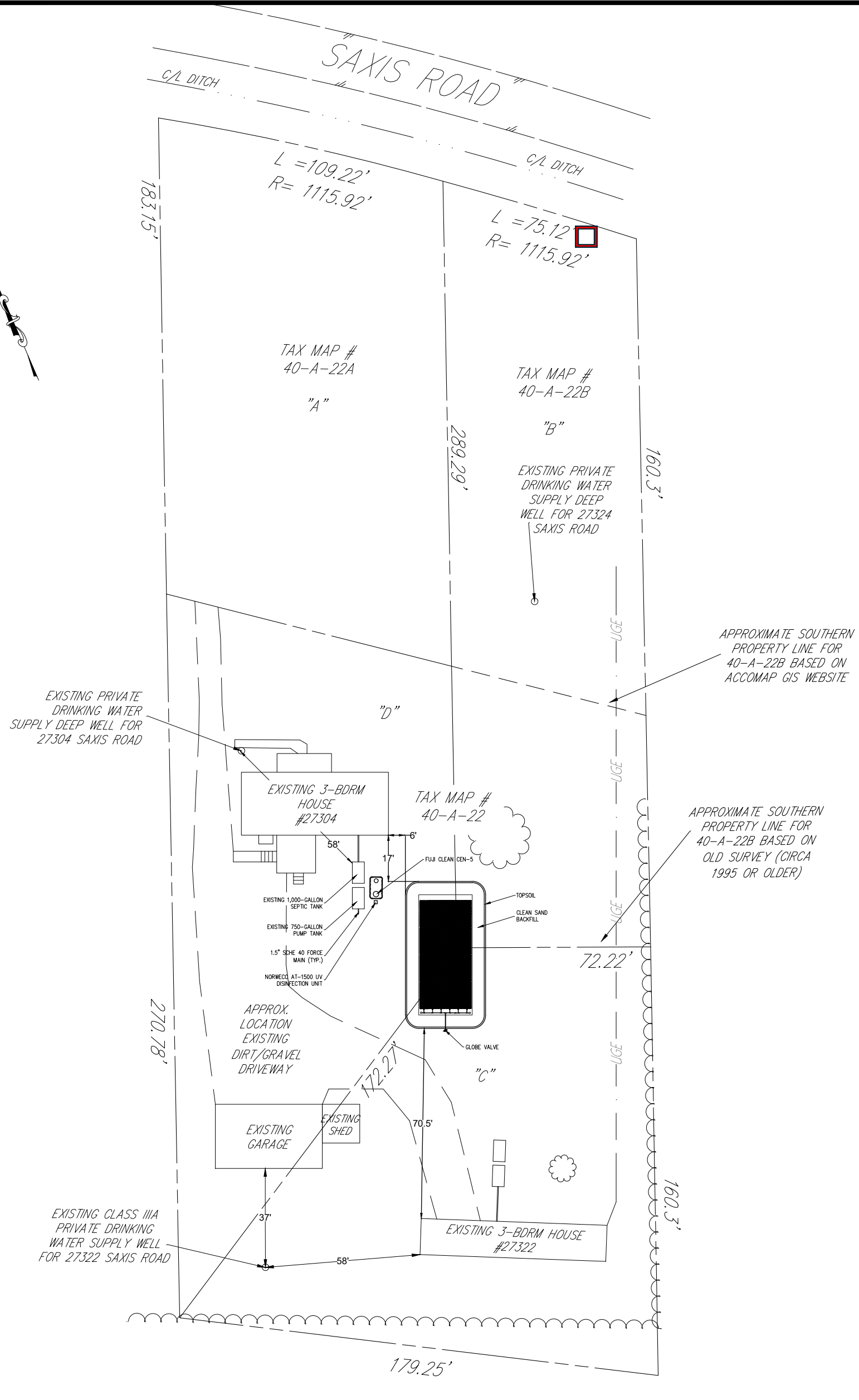


ENGINEERS | SCIENTISTS | SURVEYORS

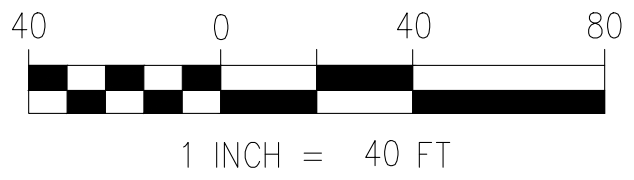
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462  
 757.490.9264 | MSAONLINE.COM

DWN BY: TBP  
 DATE: 3/24/2023

JOB# 21074Y  
 ATTACHMENT 1 OF 3



AS-BUILT SITE SKETCH  
 FOR  
 27304 SAXIS ROAD  
 TEMPERANCEVILLE, VA 23442  
 TAX MAP ID: 40-A-22



ENGINEERS | SCIENTISTS | SURVEYORS

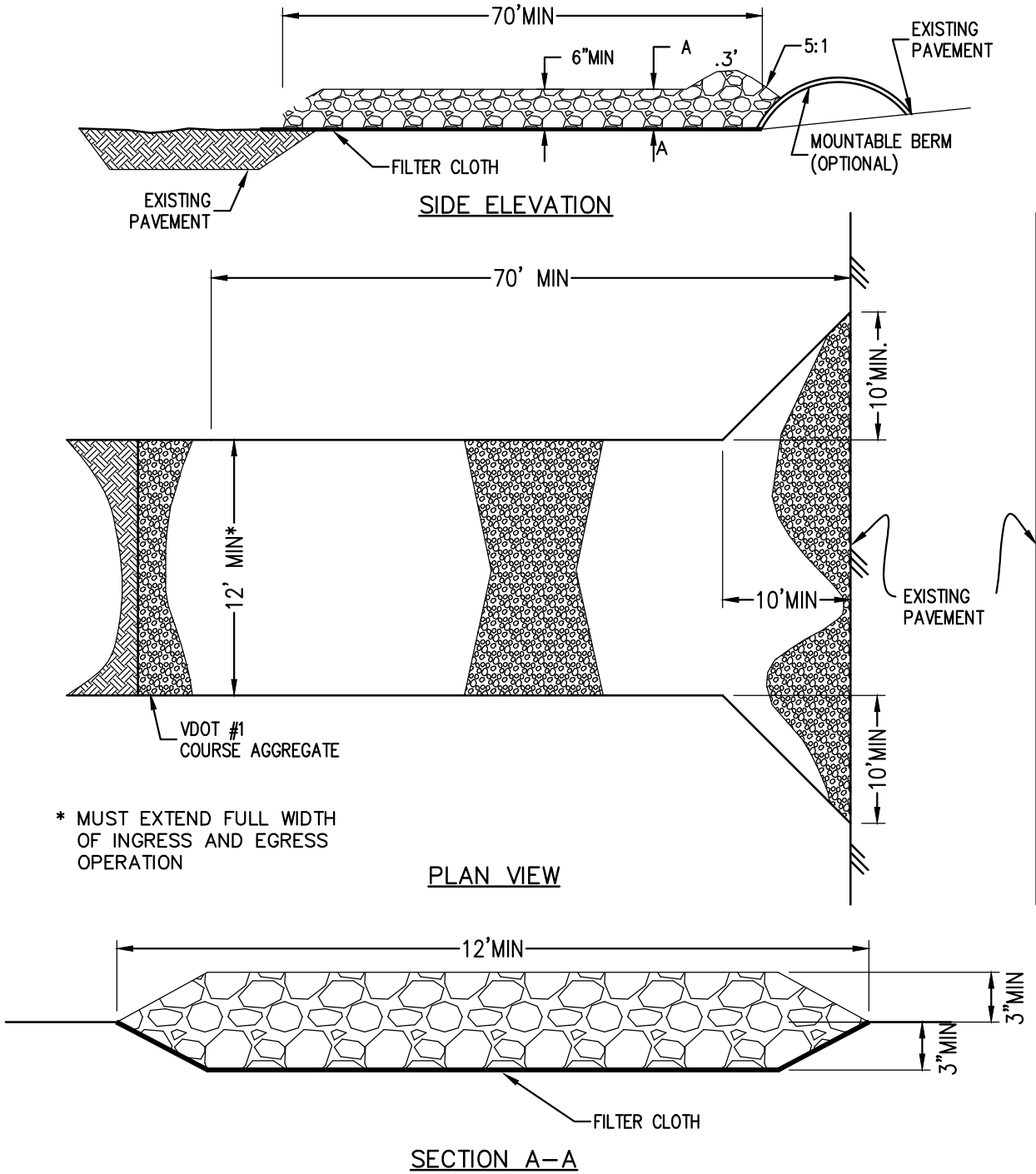
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462  
 757.490.9264 | MSAONLINE.COM

DWN BY: TBP  
 DATE: 2/17/2023

JOB# 21074Z  
 ATTACHMENT 1 OF 3

# APPENDIX B

## E&S Control Details



\* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION

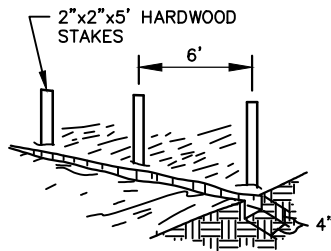
# CONSTRUCTION ENTRANCE

V.E & S.C. ST'D & SPEC. 3.02 N.T.S.

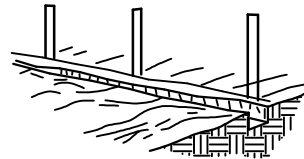




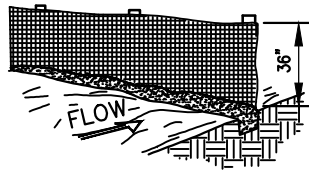
1. SET THE STAKES.



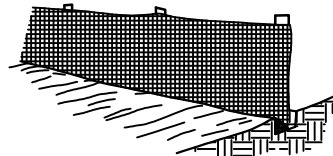
2. EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF STAKES.



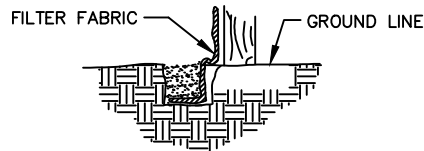
3. STAPLE FILTER MATERIAL TO THE STAKES AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



EXTENSION OF FABRIC INTO THE TRENCH.



SILT FENCE FABRIC SHALL BE 36" TALL, STAKED WITH 2" x 2" x 5' HARDWOOD STAKES ON 6' CENTERS.

## SILT FENCE

VE&SC STD & SPEC 3.05 NTS  
(WITHOUT WIRE SUPPORT)

SF