AITKIN COUNTY

CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 2nd day of December, 20 22 to certify compliance\~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.
The premises covered by this certificate are legally described as:
7 AC IN LOT 3 IN DOC 187636

Section 17 Township 49 Range 26 Lake ----
PERMIT NO. 46289 Owner Name Daniel Curtiss
Address 38591 496th Ln, Palisade, MN 56469
Installer Name Mark Ritter
Type of System Inspected Type 1 2BR Mound
Parcel Number 35-0-027902

The certificate of installation/~~notice of noncompliance~~ was based on No 1 of the following:

1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.

2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

1) Statement of the findings of fact through inspections or investigations:

2) List of specific violations of Ordinance:

3) Requirements for correction or removal of violations:

4) Time schedule for compliance:

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE Bryan Hargrave

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA

2021-7784

Township Workenapo Date of Inspection 9/15/2022 App. Number 46289

Owner Daniel Curtiss Parcel Number 35-0-027902

Project Address 38591 496th Ln. Installer Mark Ritter

City Palisade Zip Code 56469 T1 2BR Mound

New [✓] Repair [ ]

DIST. or DROP BOX & TYPE —

SETBACKS:

Buildings to tank(s) 18'

Buildings to drainfield 33'

Well(s) 50' or 100' DW: 72' to rb

Lake/Creek/Wetland —

SEPTIC TANKS: New [✓] Existing [ ]

Number of tanks installed 1 1650 Jac. combo

Liquid capacity and type 1120 part combo

Type of baffle Plastic

Inspection pipes —

Manholes size 24"

Manhole to grade Yes [✓] No [ ]

PUMPS: New [✓] Existing [ ]

Tank capacity and type 533 part combo

Pump manufacturer & model # Gould PES1

Horsepower & GPM ½HP 18GPM

Feet of head 21'

Gallons per cycle 50 GPC

Size of discharge line 2"

Type & location of alarm Elec. on tank

Water meter —

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench/Bed depth

Trench/Bed length

Trench/Bed bottom width

Trench spacing

Drainfield rock below pipe

Size of gravelless pipe

Depth of backfill

Absorption area: square feet

lineal feet

MOUNDS:

Percent slope 9%

Upslope sand width 9'

Downslope sand width 24'

Sideslope sand width 9'

Drainfield rock below pipe 9" of 12" total

Depth of sand below rock 24"

Perforation size & spacing 0.25"/36" sp.

Pipe size & spacing 1.5"/36" sp.

Dimensions of rock bed 10' x 25'

Dimensions of sand base 43' x 43'

Final cover 12" cover over rb; 4" TS

DRAWING OF SYSTEM: (include soils)

Inspector's Comments:

Inspector's Signature Bryan Hargrave **Installer's Signature**

Rev:1/13 White – County Yellow – Applicant Pink - Installer

P.L.
DW
1,250 gal Tank
Cabin
2BR
36'
1650G
25'
10'
P.L.
N

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1650SP Date Built: 6-15-22 Gallons: 1650 Bury Depth 2'

Model #_____ Date Built:_____ Gallons:_____ Bury Depth_____

SITE CONDITION:

The site must be accessible to large, heavy trucks. Free of items like trees, stumps, overhead wires, etc. That could interfere with delivery or installation and allows trucks to within 3 to 5 ft of placement excavation.

EXCAVATION:

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING:

Each tank should be placed on about 6" of proper bedding material leveled, and should be compacted to minimum 95% compaction if tested, to ensure the life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass through a ½" screen.

WATER TABLE:

When tanks are being placed where water levels can potentially be higher than the elevation of the tank cover, an alternate location should be considered. If water table is high installer must also consider the tank my float, if this is a possibility tank must be tied down before backfilling.

BACKFILL MATERIAL:

Sidewall of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen and a minimum of 12" on all sides from the bottom to top of tank. Backfill material shall be placed to avoid impact loads on sidewall of the tank.

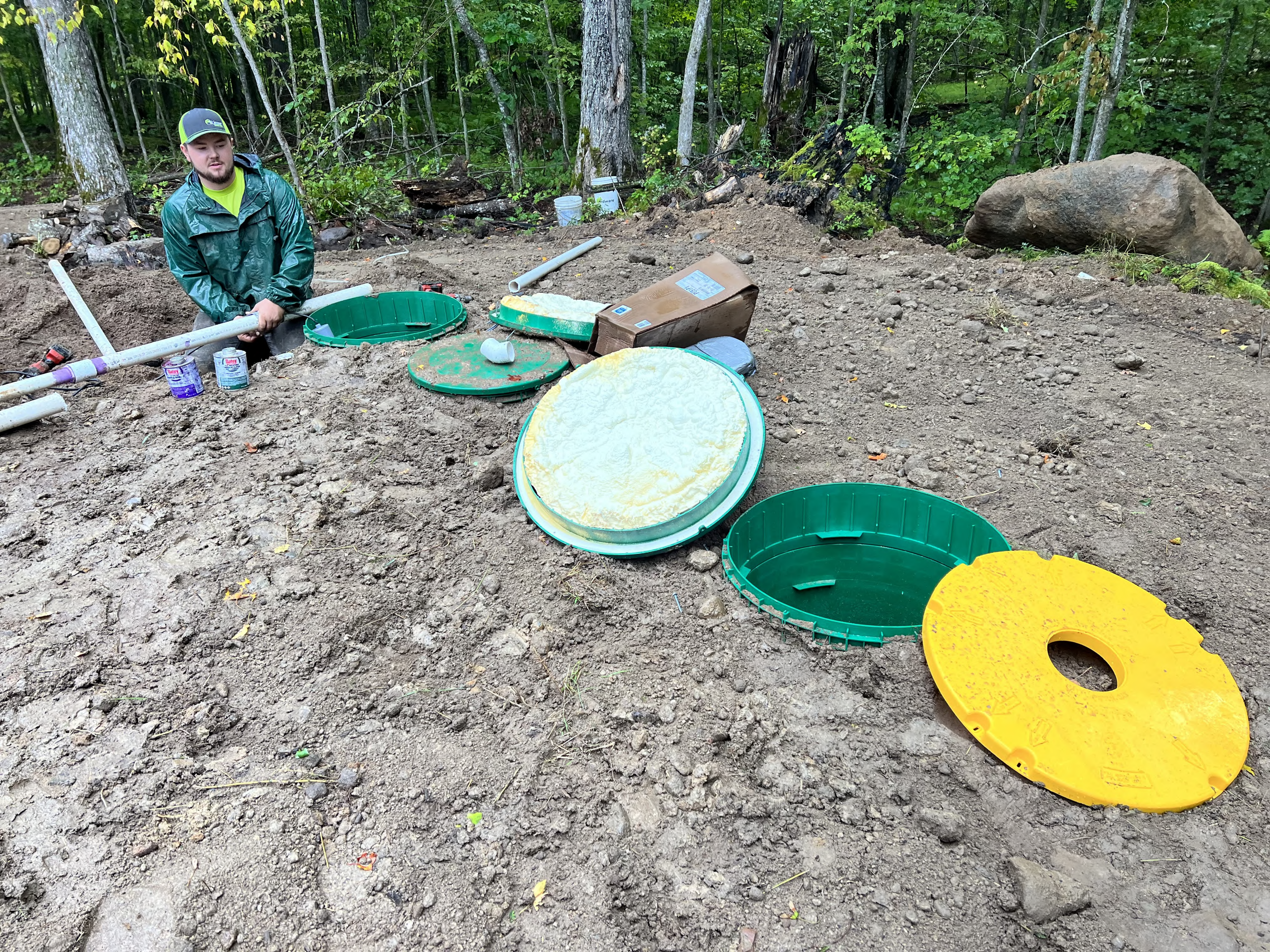
COVER MATERIAL:

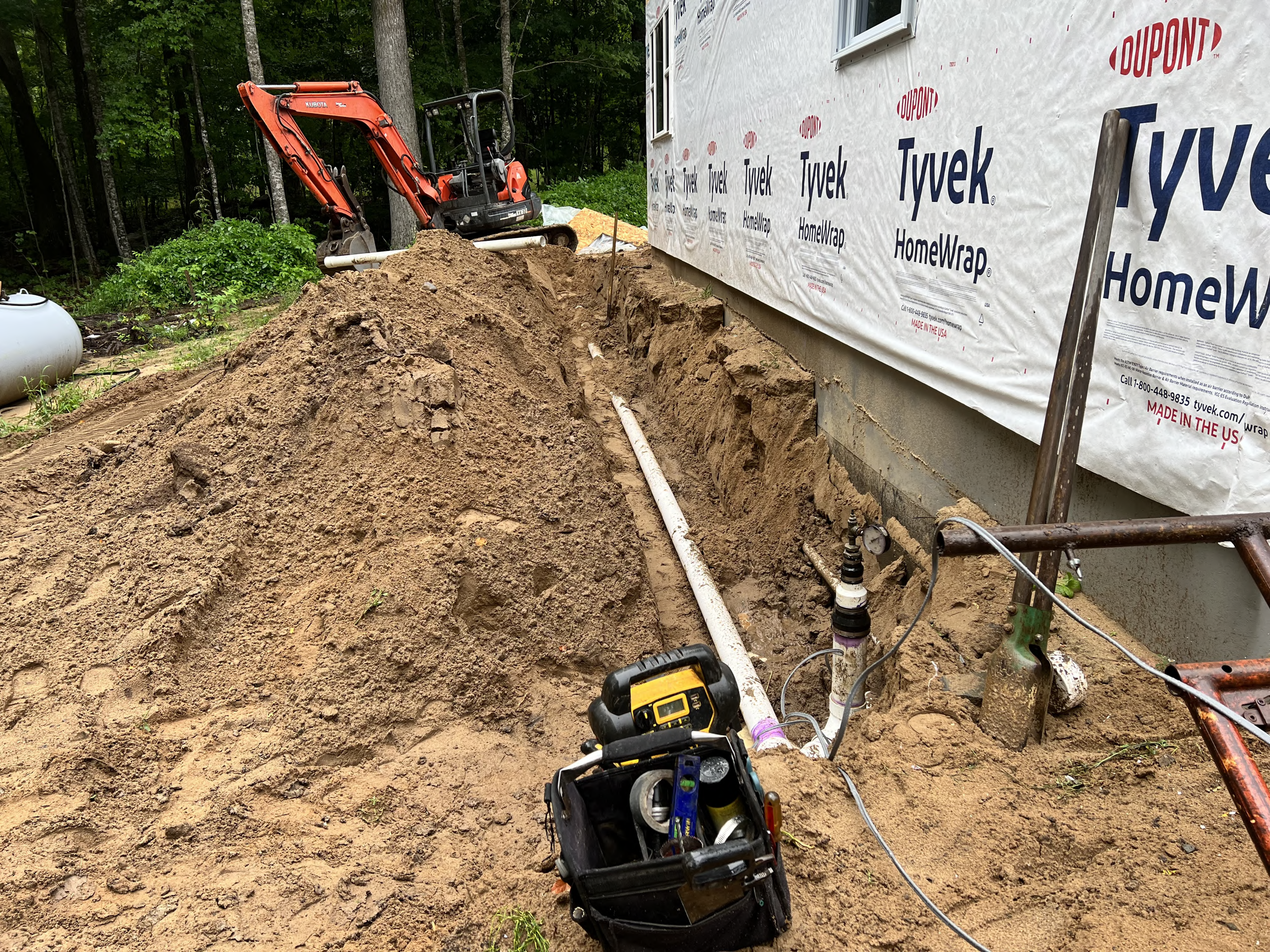
Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 2' screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

INLET & OUTLET:

Pipe not to exceed 1" past the interior wall of tank where a baffle is used.

BURIAL DEPTH: Tanks to be installed according to model's maximum bury recommendations:

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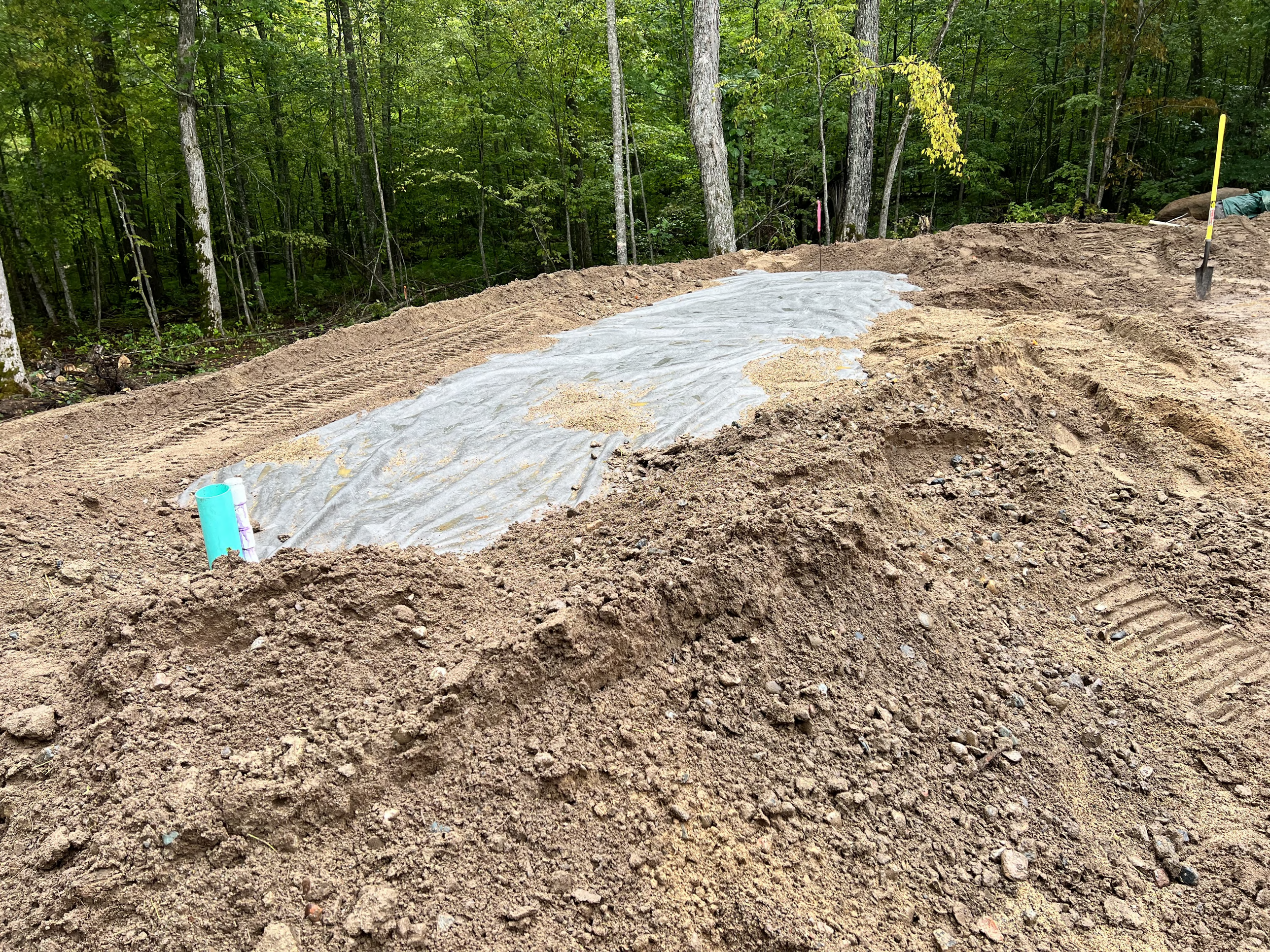

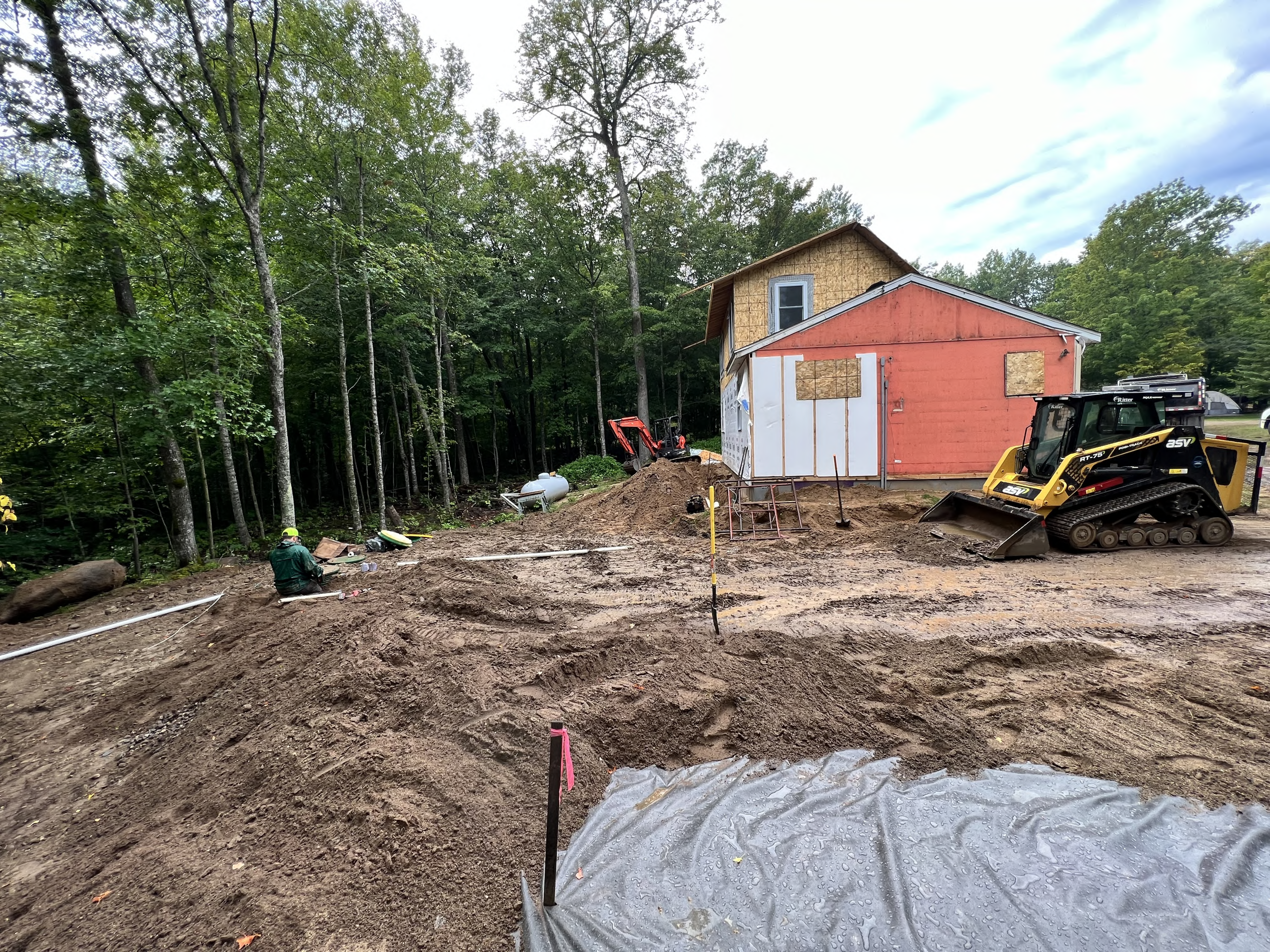
Ritter
RT-75
ASV