

AITKIN COUNTY
CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this _____ day of _____, 20____ to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: _____

Section _____ Township _____ Range _____ Lake _____
PERMIT NO. _____ Owner Name _____
Address _____
Installer Name _____
Type of System Inspected _____
Parcel Number _____

The certificate of installation/~~notice of noncompliance~~ was based on No ___ 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 _____

**SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA**

Township 47-27 Date of Inspection 8/21/2019 9/23/2019 App. Number 2019-4702
44375

Owner Kent & Pam Maxson Parcel Number 56-0-160600

Project Address 35878 422nd Pl. Installer Larry Li Ljungquist

City Aitkin Zip Code 56431 T3 Comm. 308GPD Mound
T2 HT (2)

New Repair

DIST. or DROP BOX & TYPE _____

SETBACKS:

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Buildings to tank(s) 13'

Trench/Bed depth _____

Buildings to drainfield 57'

Trench/Bed length _____

Well(s) 50' or 100' DW: 98'

Trench/Bed bottom width _____

Lake/Creek/Wetland —

Trench spacing _____

Drainfield rock below pipe _____

SEPTIC TANKS: New Existing

Size of gravelless pipe _____

Number of tanks installed 3

Depth of backfill _____

Liquid capacity and type (2) 700 gal. 1500

Absorption area: square feet _____

(120 part gal. 1650 combo)

Type of baffle Plastic

lineal feet _____

Inspection pipes —

MOUNDS:

Manholes size 24" + 20"

Percent slope 0%

Manhole to grade Yes No

Upslope sand width 9'

PUMPS: New Existing

Downslope sand width 9'

Tank capacity and type 533 part of combo

Sideslope sand width 9'

Pump manufacturer & model # Liberty 253

Drainfield rock below pipe 9"

Horsepower & GPM 1/3 HP 22GPM

Depth of sand below rock 36"

Feet of head 12.5'

Perforation size & spacing 0.25"/36" sp.

Gallons per cycle —

Pipe size & spacing 1.5"/3.5' sp.

Size of discharge line 1.5"

Dimensions of rock bed 10' x 25'

Type & location of alarm Elec. on tank

Dimensions of sand base 28' x 43'

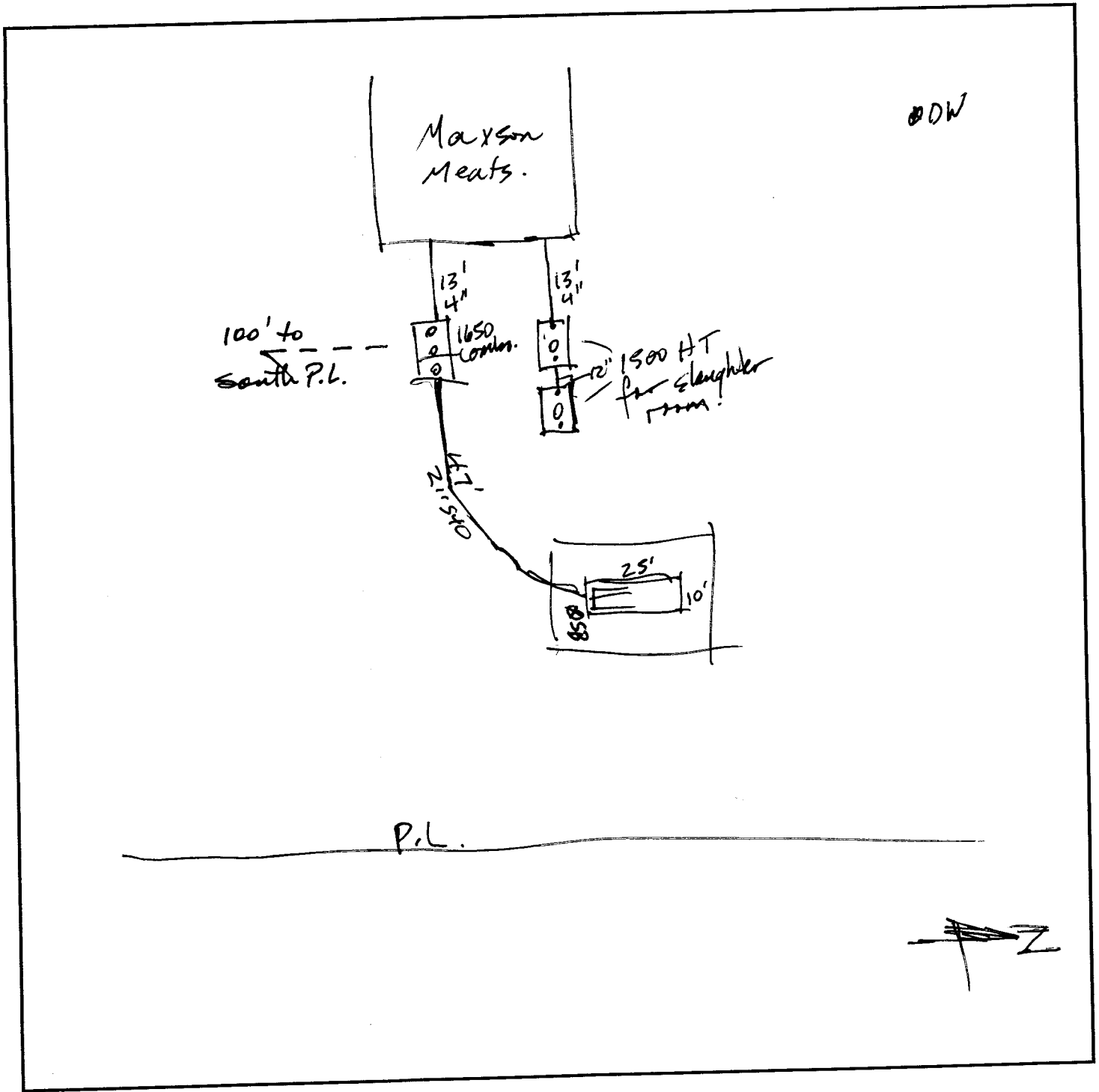
Water meter EC on tank

Final cover 12" cover over rb; 4" TS

DRAWING OF SYSTEM: (include soils)

see attached site plan

Site Drawing



Soils

A	0-13"	10YR3/2	SL
By	13"+	2.5Y4/3+4/2	L-S
This is all old fill from Hwy 210 built in 190's.			

Notes

I did a soil check - design for T1 but found that a T3 req'd due to redox right under A hor. have to get OP and put event counter on 1650 tank.

Liljenquist Sewer
8-20-19

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1650 #4 Date Built: 6.13.19 Gallons: 1650 Bury Depth 1 1/2'
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 1/2" 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 may 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: