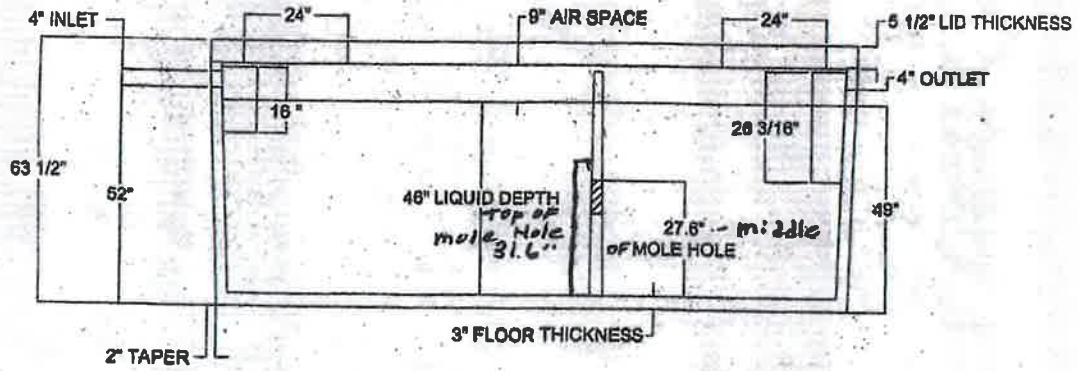
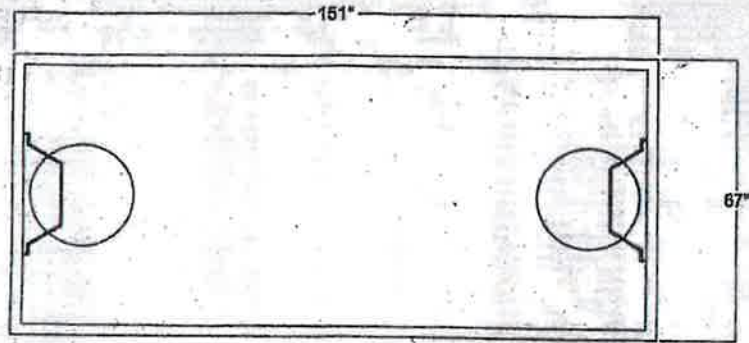




**amcon**  
CONCRETE PRODUCTS, LLC

1650 2-COMPARTMENT  
SEPTIC TANK 1650-C-M





TANK INSTALLATION INSTRUCTIONS

SITE CONDITION

The site must be accessible to large, heavy trucks. The site shall be free of items like trees, stumps, overhead wires, etc. that could interfere with delivery, and installation of the tank. The site conditions must allow trucks to within 3 to 6 feet of placement while ensuring safe site conditions.

EXCAVATION

Excavation shall be approximately 12" minimum larger than the tank size to allow for adequate back fill. This may vary with soil conditions. Excavation must allow the truck within 3 to 6 feet for placement of tank. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING

Proper use of the bedding materials is important to ensure service life of tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass thru a 3/4" screen. Bedding thickness shall be 4" minimum compacted (thickness may vary with existing soil conditions).

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.

BACKFILL MATERIAL

Sidewalls of tanks require clean 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 in a manner that avoids impact loads on sidewalls of the tank. No compaction shall be permitted on the sidewalls of the tank.

COVER MATERIAL

Cover material shall be clean and dry soil that has the ability of 100% to be able to pass through a 4" screen. Cover material shall be mounded over tank and around risers in a manner that promotes runoff away from the center of the tank and riser rings.

MAINTENANCE HOLE COVER

Cover for maintenance holes must:

- (1) be secured by being locked, being bolted or screwed having a weight of at least 95 pounds, or other methods approved by the local unit of government. Covers shall also be leak resistant; and be designed so the cover cannot be slid or flipped, which could allow unauthorized access to the tank;
- (2) have a written and graphic label warning of the hazardous conditions inside the tank;
- (3) be capable of withstanding a load that the cover is anticipated to receive; and
- (4) be made of a material suitable for outdoor use and resistant to ultraviolet degradation.

INLET & OUTLET

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

BURIAL DEPTH

Tanks to be installed to depths according to each model's maximum bury recommendations.

LIABILITY

The septic tank installer shall be responsible for installing and securing risers and covers for all maintenance openings after the completed delivery of the septic tank or tanks to the jobsite. The tank installer shall be solely liable and responsible for the proper installation and securement of the maintenance hole covers after the completed delivery of the septic tank or tanks to the job site.

Tank Model # 1650 CM

Maximum Burial Depth 7 feet

Gallon Capacity 1650

Date of Delivery 12-9-21

Tank Type 1650 2100-1/4" riser

Date of Manufacturing 11-29-21

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 7th day of July, 2022 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: \_\_\_\_\_  
Part of lot 4 in doc 422677 (parcel B)

Section 19 Township 49 Range 23 Lake Sandy River Lake  
PERMIT NO. 47047 Owner Name Michelle Goltz  
Address 48565 216th Pl McGregor, Mn 55760  
Installer Name Wruck Excavating  
Type of System Inspected 3 Bdrm Type I Mound  
Parcel Number 29-0-040607

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, fines and/or imprisonment.

INSPECTOR SIGNATURE



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

Township Shamrock Date of Inspection 7-6-23 Final App. Number 2022-009087  
12-9-21 Tank

Owner Michelle Galtz Parcel Number 29-6-046607

Project Address 48565 216th Pl Installer Wrock Excavating  
L2754

City McGregor Zip Code 55760

New  Repair

DIST. or DROP BOX & TYPE \_\_\_\_\_

**SETBACKS:**

Buildings to tank(s) 13' 6"  
 Buildings to drainfield 21'  
 Well(s) 50' or 100' No wells present  
 Lake/Creek/Wetland > 100'

**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 \_\_\_\_\_

**SEPTIC TANKS:** New  Existing \_\_\_\_\_

Number of tanks installed 1 American Combo  
 Liquid capacity and type 1000 gal press  
 Type of baffle Plastic  
 Inspection pipes \_\_\_\_\_  
 Manholes size 3 @ 24"  
 Manhole to grade Yes  No \_\_\_\_\_

**MOUNDS:**

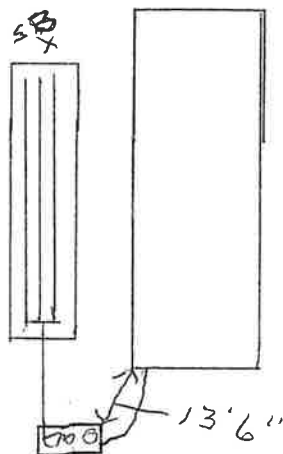
Percent slope 0%  
 Upslope sand width 9'  
 Downslope sand width 9'  
 Sideslope sand width 9'  
 Drainfield rock below pipe 9"  
 Depth of sand below rock 1"  
 Perforation size & spacing 1/4" x 3"  
 Pipe size & spacing 2" x 3"  
 Dimensions of rock bed 10 x 38  
 Dimensions of sand base 28 x 56  
 Final cover \_\_\_\_\_

**PUMPS:** New  Existing \_\_\_\_\_

Tank capacity and type 650 gal press  
 Pump manufacturer & model # Coanda SP40  
 Horsepower & GPM .5 hp 29 gpm  
 Feet of head 11  
 Gallons per cycle 112  
 Size of discharge line 2"  
 Type & location of alarm 2 loc @ tank  
 Water meter \_\_\_\_\_

**DRAWING OF SYSTEM: (include soils)**

0-5" sandy 10 yr  
 loam 3/3  
 5-26" sand 10 yr  
 4/4



216th Pl

Inspector's Comments: \_\_\_\_\_

Inspector's Signature [Signature] Installer's Signature \_\_\_\_\_