

5" Round Flange

Potato Vent Installation Instructions 2019

# Pipe Prep Work

Step 1: Laser Grade Base Layer with appropriate slope  
(using concrete sleeper pads can cause low spots in between sleepers)

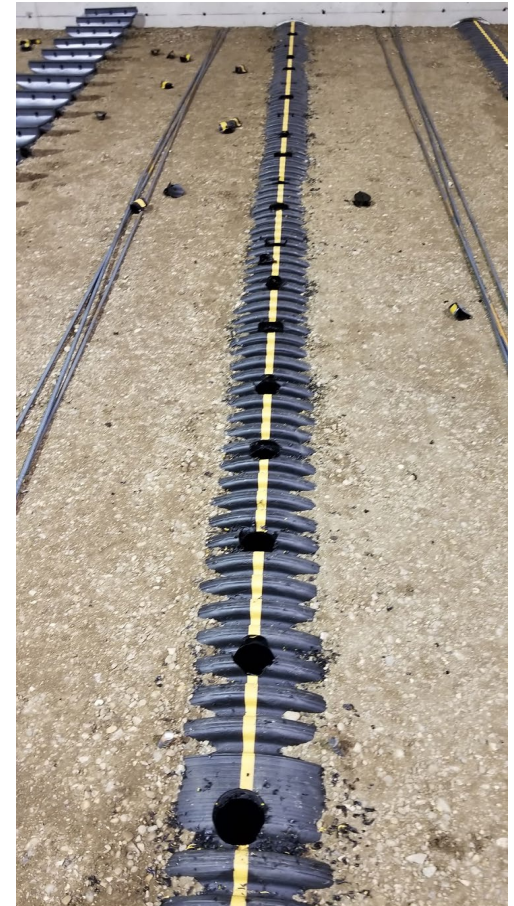
Step 2: Secure pipe with Rebar

Step 3: Use Telebelt to fill in between pipes to minimize ground disturbance and maintain perfectly flat base. Gravel is the preferred fill material

Step 4: Use compactor to firmly pack gravel in between pipes.

Step 5: Drill Pilot holes using tape measure to perfectly space vents.

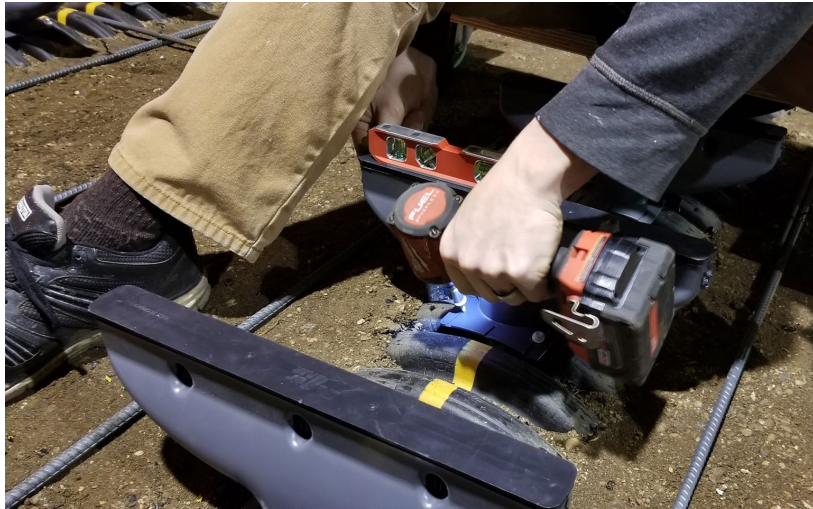
Step 6: Drill vent holes using hole saw.



# Installing Vents

Step 1: Insert Vent into pipe with rubber insert already attached

Step 2: Fasten to pipe using 4 large screws while using level to align.





# Placing Rebar

Use Better Air Part # **RC-02** 2.5" - 3" Cone Chair for Rebar Support

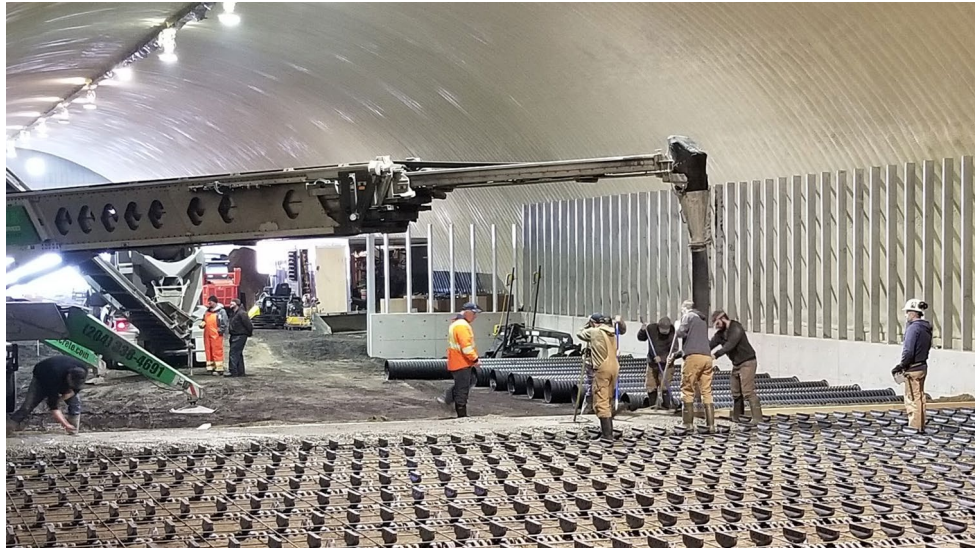




# Pouring Concrete

Step 1: Use **top of Rubber Inserts** for concrete thickness reference point.

Step 2: **Hand raking** instead of Vibra screeding is the preferred method of leveling out the concrete. This minimizes cream buildup around vent edges which **can compromise concrete strength**.



# Concrete Finishing

Step 1: Wait for concrete to harden enough before troweling, otherwise power trowels will snag and dislodge rubber inserts

Step 2: Tops of rubber inserts should be **clearly visible by 3rd or 4th troweling pass**. If not visible, vents are **buried too deep** and will negatively affect insert removal.

Step 3: **Do not over trowel**. Once concrete starts drying on top of inserts any further troweling will diminish floor Quality / Finish.



# Concrete Finishing





# Insert Removal

Step 1: Wait 3-4 days before removing inserts to minimize spalling/cracking

\*Concrete directly on top of Inserts dries faster and will be clearly visible.

**Do not wait too long to remove inserts** because this color difference will gradually disappear as surrounding concrete dries.



*Freshly removed Inserts*





# Insert Removal

Step 1: Puncture insert with sharpened hook

Step 2: Remove by pulling straight upwards

Congratulations! You have just installed a industry leading ventilated floor system courtesy of

[Better Air Mfg.](#)

Macgregor, Manitoba

