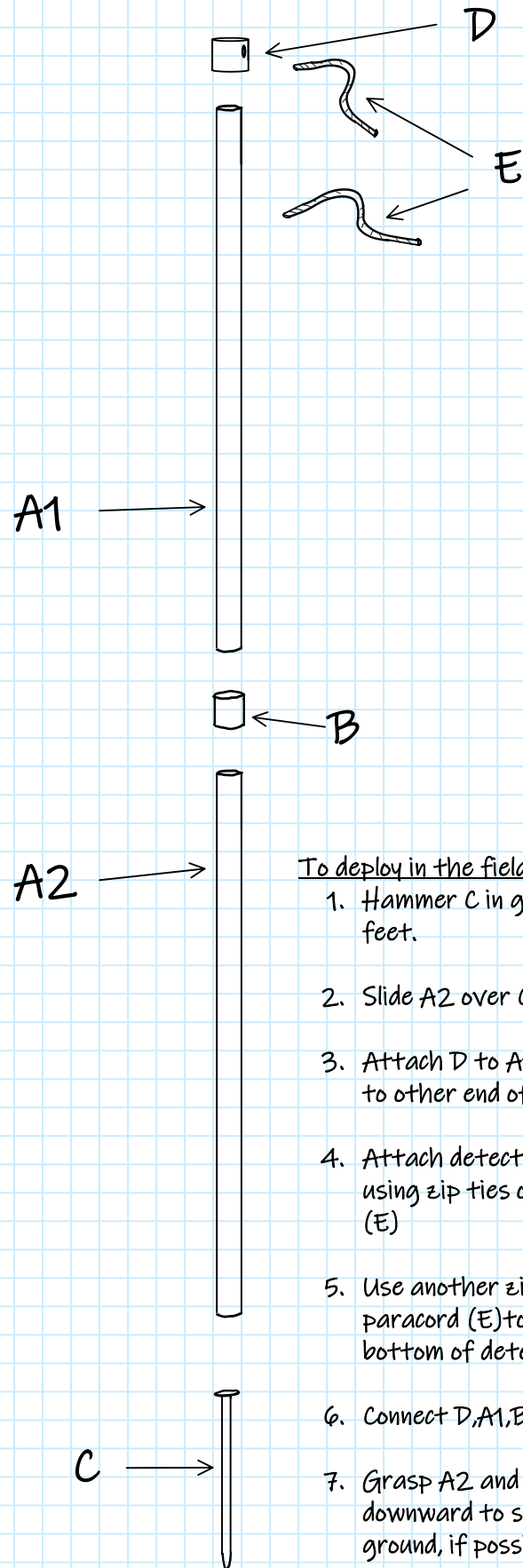
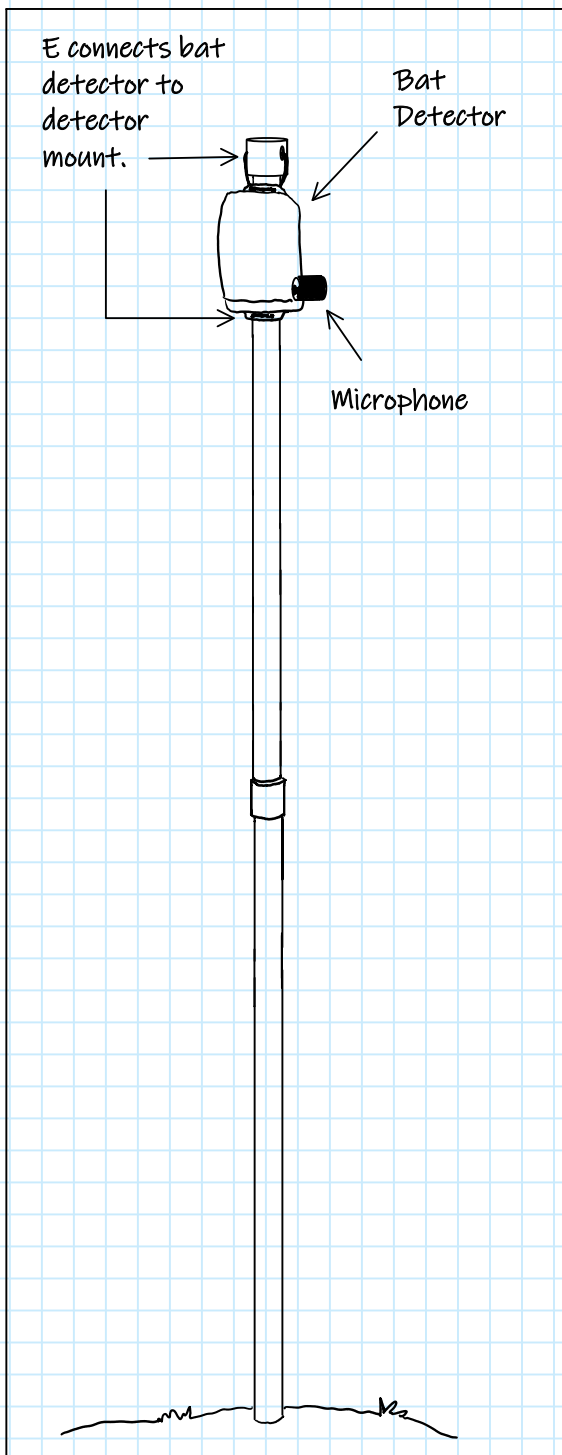


# PVC Monitoring Station for Chorus

## Material list:

A	2x -5' x 1 1/2" diam. PVC
B	1x -1 1/2" PVC coupler
C	1x -3' x 1/2" rebar
D	1x -1 1/4" diam. detector mount (included)
E	2x -8" zip tie or piece of paracord to secure detector



### To deploy in the field:

1. Hammer C in ground ~1.5 feet.
2. Slide A2 over C
3. Attach D to A1. Attach B to other end of A1.
4. Attach detector to D using zip ties or paracord (E)
5. Use another zip tie or paracord (E) to secure bottom of detector to A1.
6. Connect D, A1, B to A2
7. Grasp A2 and push downward to sink into ground, if possible.

## Chorus Station Materials List

Item	Qty	Link	Price
5' x 1 1/2" Pvc pipe	2	<a href="https://www.menards.com/main/plumbing/pipe-fittings/pvc-pipe-fittings/pvc-sch-40-solid-core-pipe/pvc071121000hc/p-1444426393119-c-8571.htm">https://www.menards.com/main/plumbing/pipe-fittings/pvc-pipe-fittings/pvc-sch-40-solid-core-pipe/pvc071121000hc/p-1444426393119-c-8571.htm</a>	10.12
1/2" coupler	1	<a href="https://www.menards.com/main/plumbing/pipe-fittings/pvc-pipe-fittings/nibco-reg-socket-pvc-coupling/f00050c/p-1444449153590-c-8571.htm">https://www.menards.com/main/plumbing/pipe-fittings/pvc-pipe-fittings/nibco-reg-socket-pvc-coupling/f00050c/p-1444449153590-c-8571.htm</a>	1.14
3' x 1/2" rebar	1	<a href="https://www.menards.com/main/building-materials/concrete-cement-masonry/rebar-remesh/1-2-rebar-stake-grade-60/dc22-16403/p-1642874278077410-c-12502.htm?tid=27e0e218-9ab5-426b-a82e-b410db54e9db&amp;ipos=2&amp;exp=false">https://www.menards.com/main/building-materials/concrete-cement-masonry/rebar-remesh/1-2-rebar-stake-grade-60/dc22-16403/p-1642874278077410-c-12502.htm?tid=27e0e218-9ab5-426b-a82e-b410db54e9db&amp;ipos=2&amp;exp=false</a>	5.28
Zip tie	2	<a href="https://www.menards.com/main/electrical/electrical-tools-accessories/cable-ties/gardner-bender-reg-8-black-cable-ties/45-308uvb/p-1444430989417-c-6443.htm">https://www.menards.com/main/electrical/electrical-tools-accessories/cable-ties/gardner-bender-reg-8-black-cable-ties/45-308uvb/p-1444430989417-c-6443.htm</a>	2.19