

STATEMENT

Welcome to the Hard Luck Coal Mine. You will be located underground at the fresh air base. During normal mining No. 1 was the intake, No. 2 was neutral, and No. 3 was the return. Numbered from left to right.

However, the fan was damaged during the incident and cannot be started.

We have four miners missing.

PROBLEM

- We are missing four miners
- We have installed a Blowing fan in the 3rd. crosscut on a shaft
- Once the fan is started it cannot be stopped, stalled, or reversed
- It can started by notifying the command center
- There is a air shaft in the face of no. 1 heading which is safe to ventilated thru
- Both exhaust fan and air shaft is on your maps
- Explore the entire mines
- Mine maps are up to date

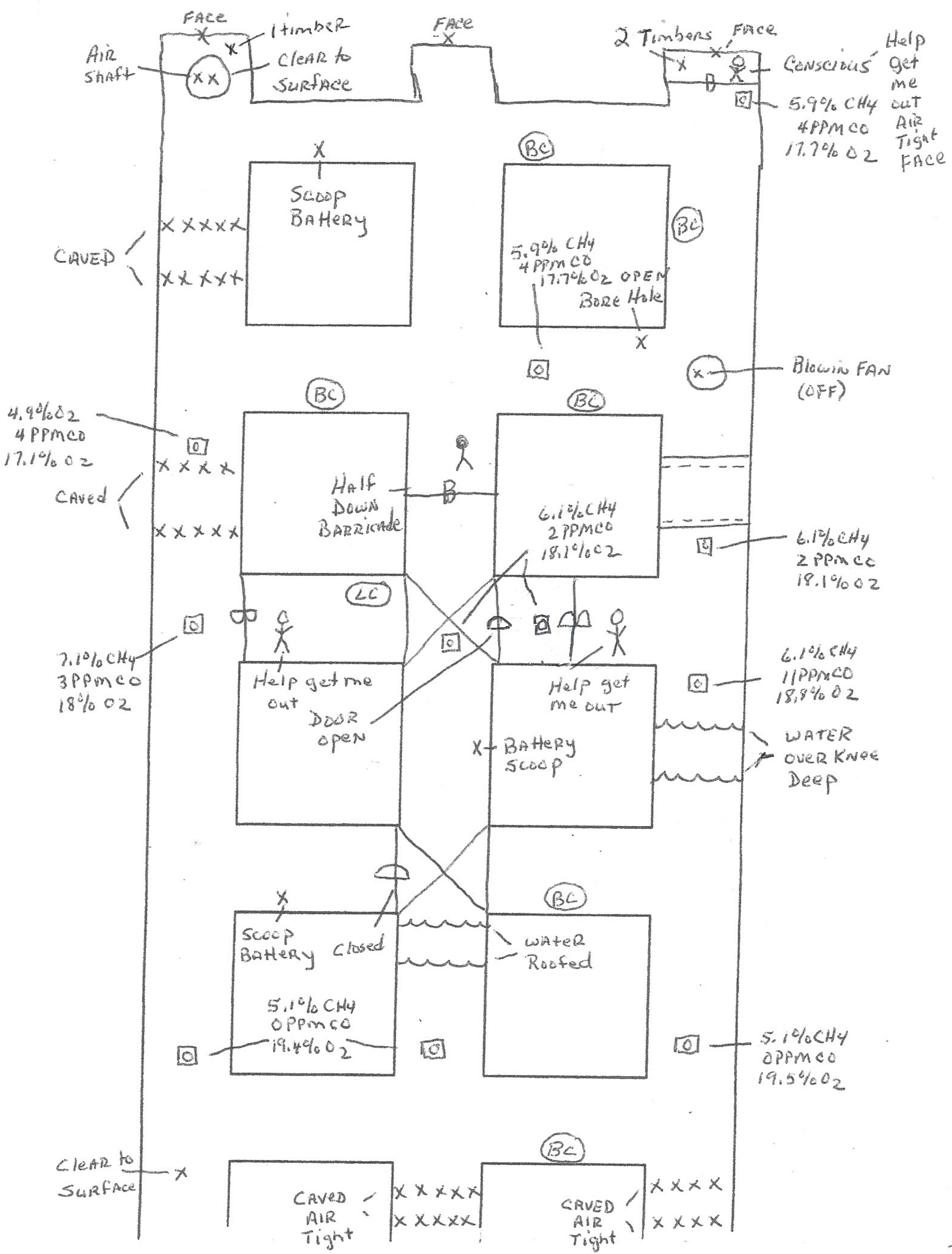
JUDGES INFO

TEAM MUST AIRLOCK BOTH SIDES OF
O/CAST IN THE 1ST. CROSSCUT

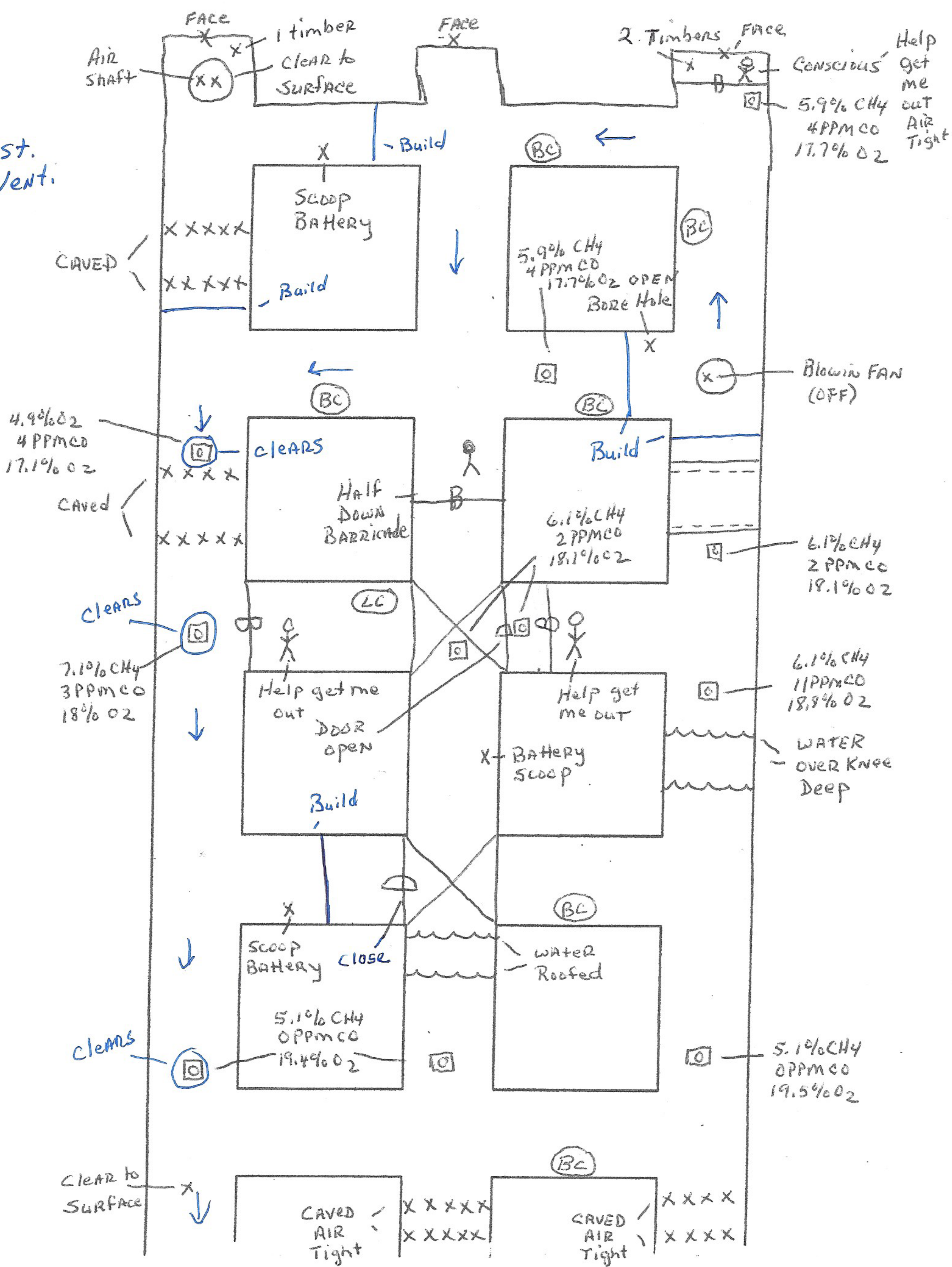
Teams can ventilate after exploring L-O-B
in No. 2 (First Vent). However to airlock
to get in to Barricad, team must explore
to No.1 shaft to keep from stalling fan.

2nd Vent Can Be Done After 1st Vent

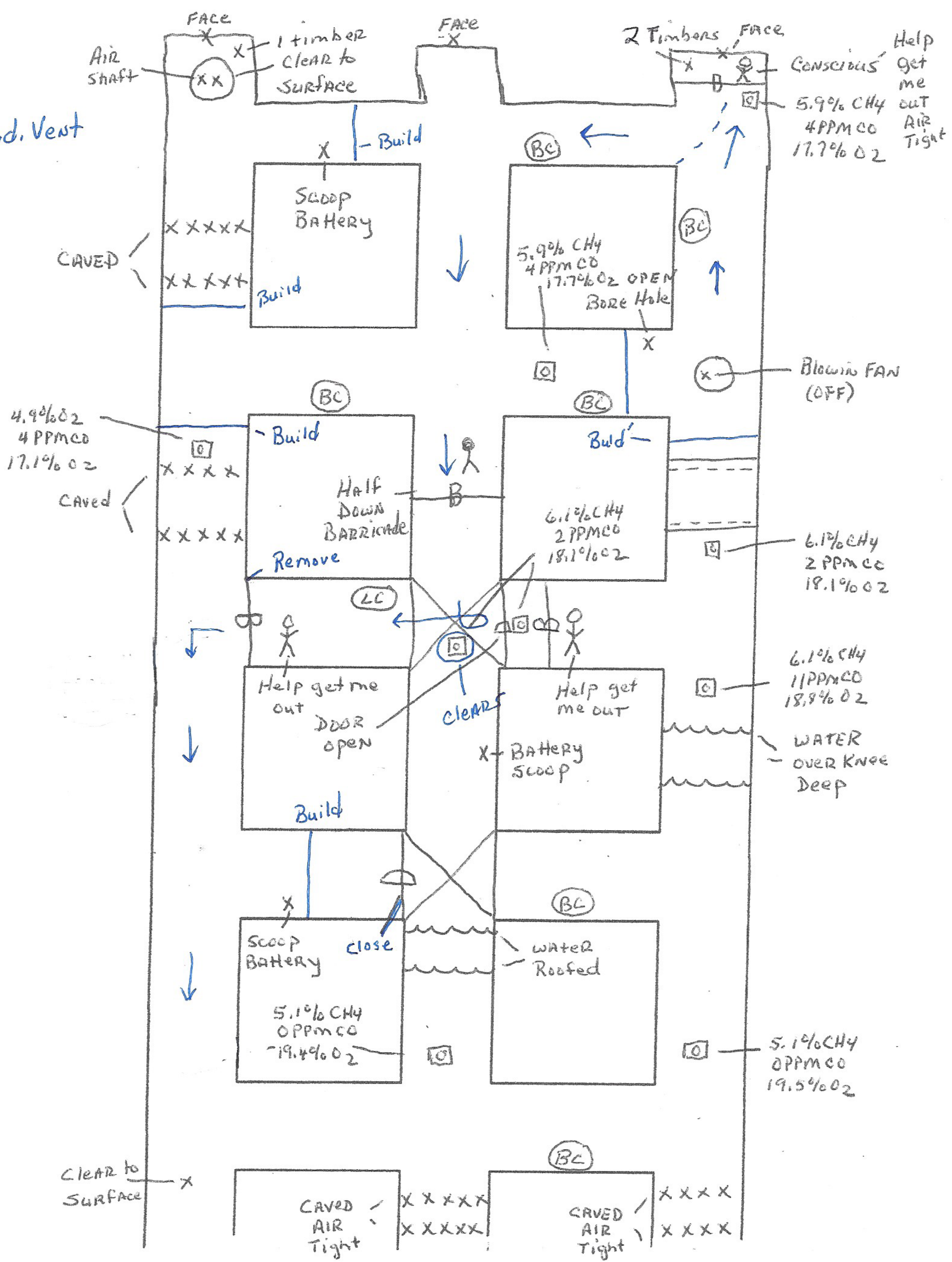
Team must FPA at gas placard at the
water over knee deep (methane 6.1%)
(CO 11 PPM).



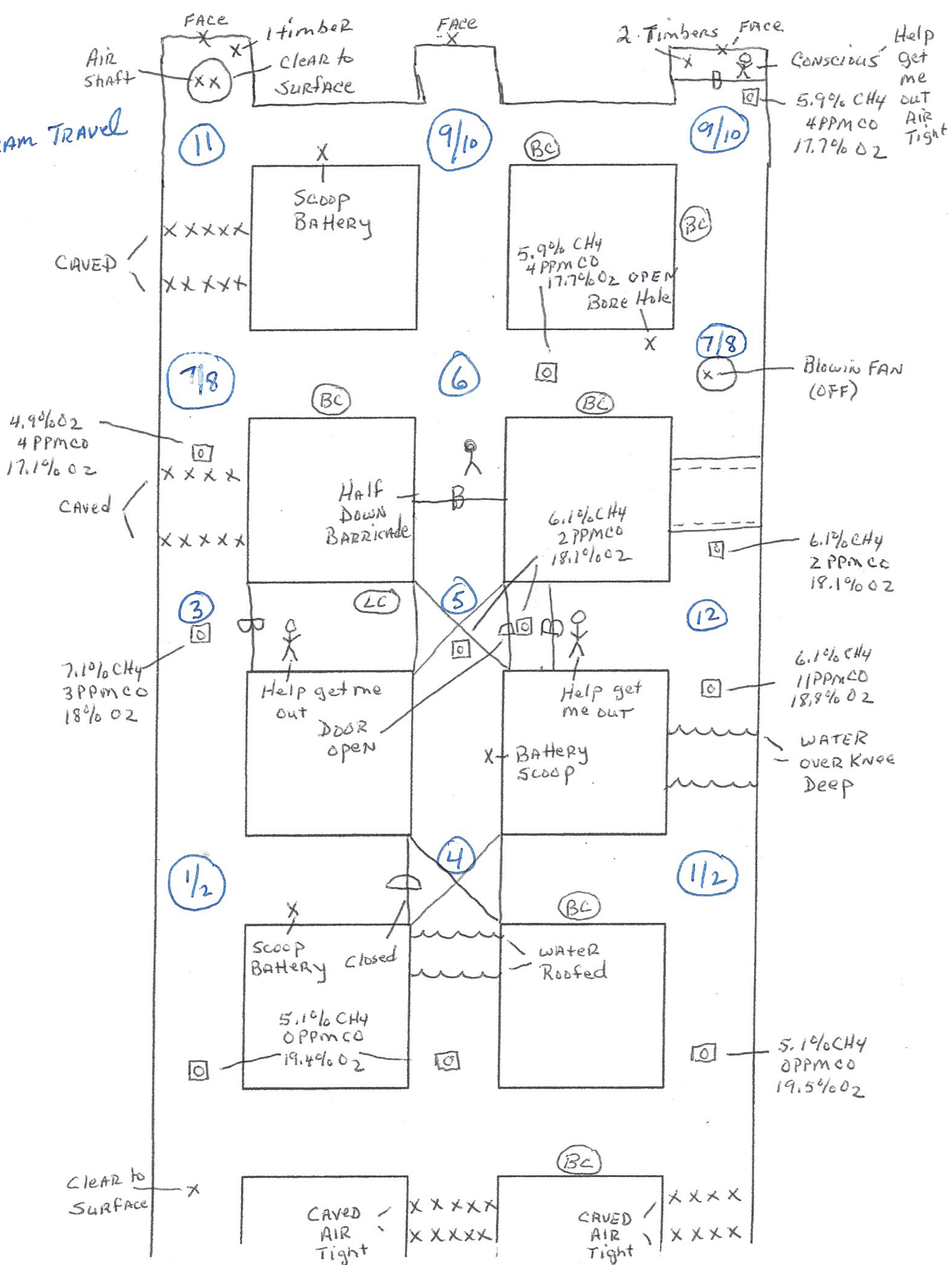
1st. Vent.



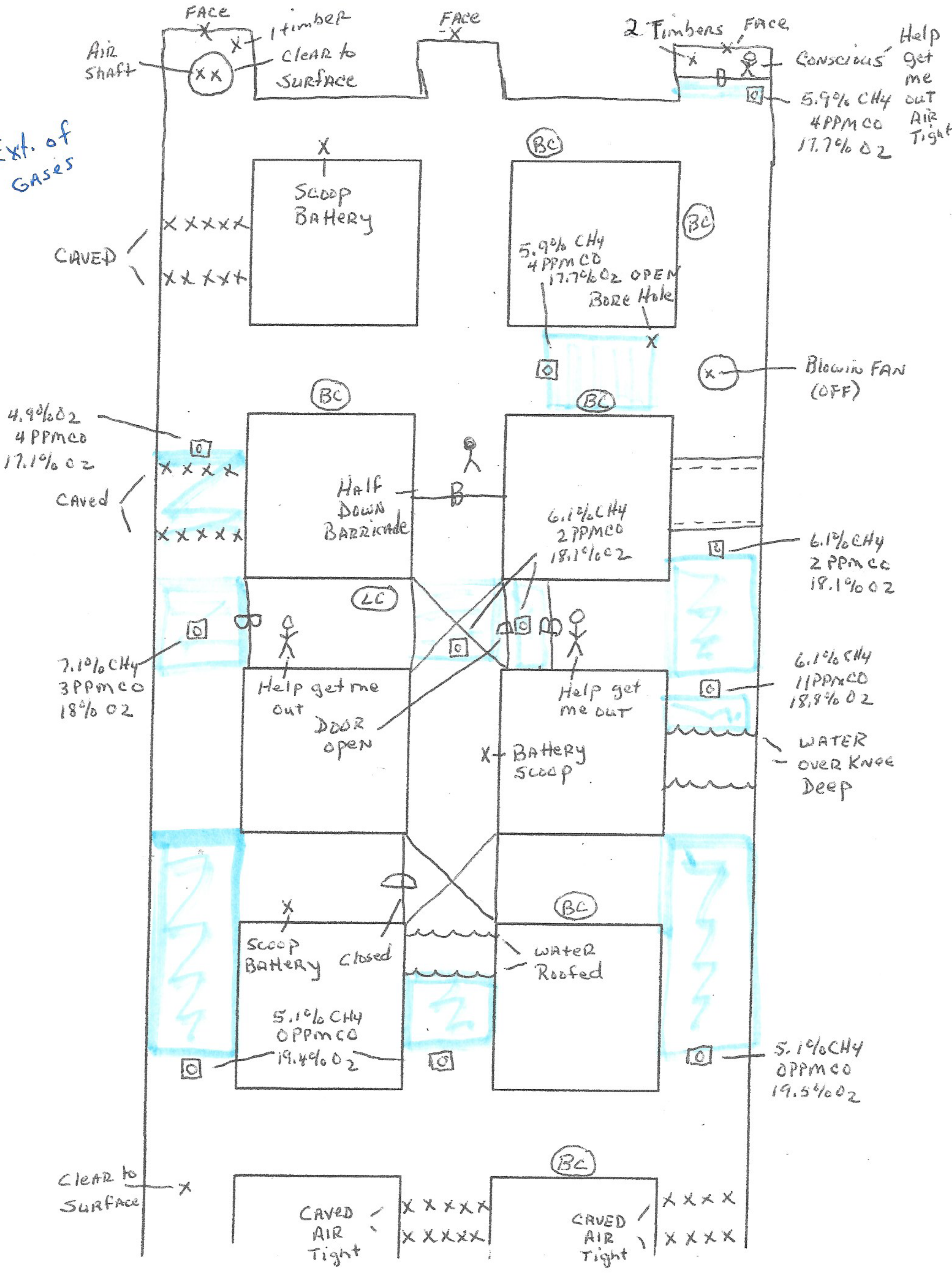
2nd. Vent

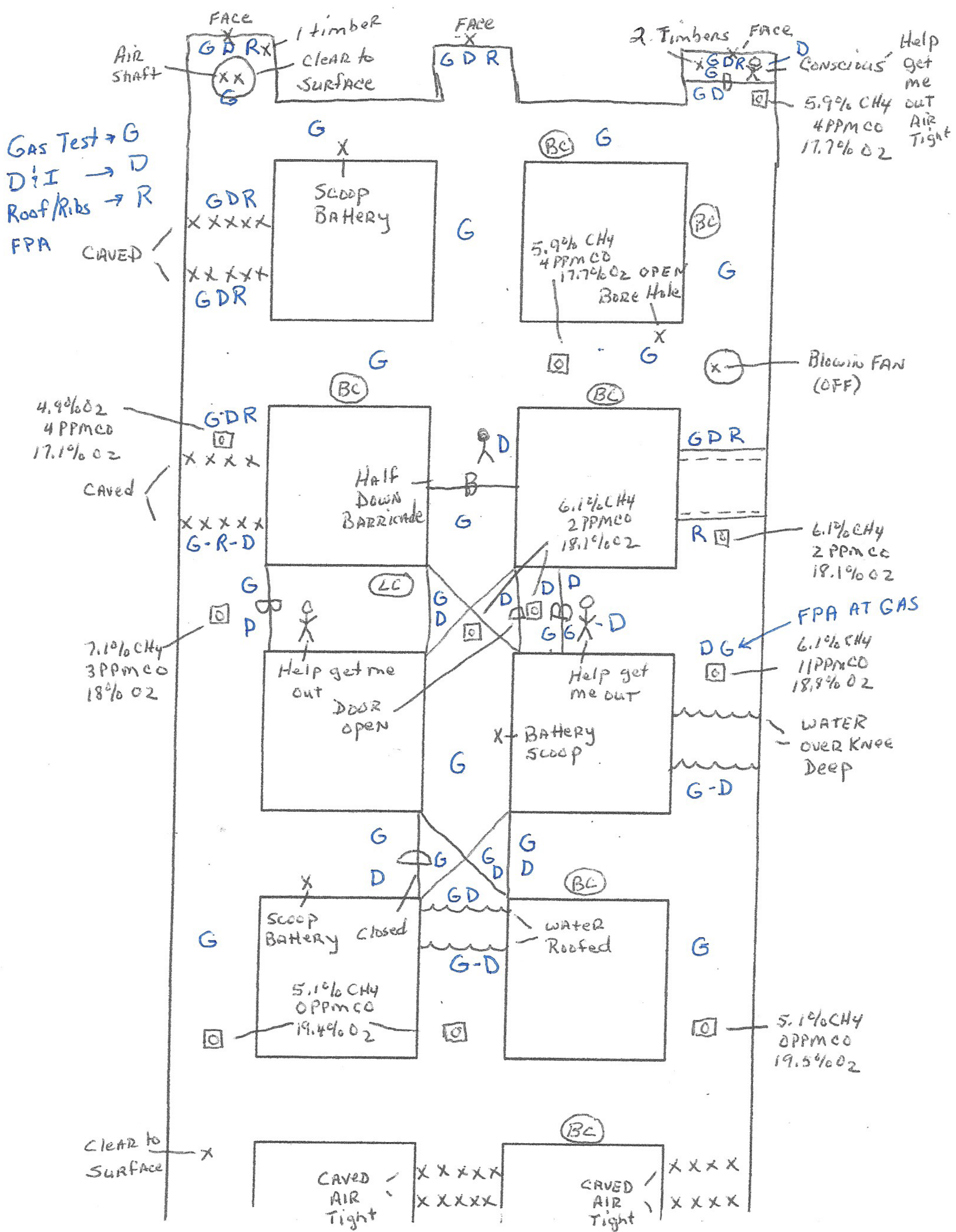


Team Travel



Ext. of Gases





First Patient

2nd crosscut 1 to 2

break

Help get me out!

2nd Patient

2nd crosscut 2 to 3
break

Help get me out!

3rd Patient

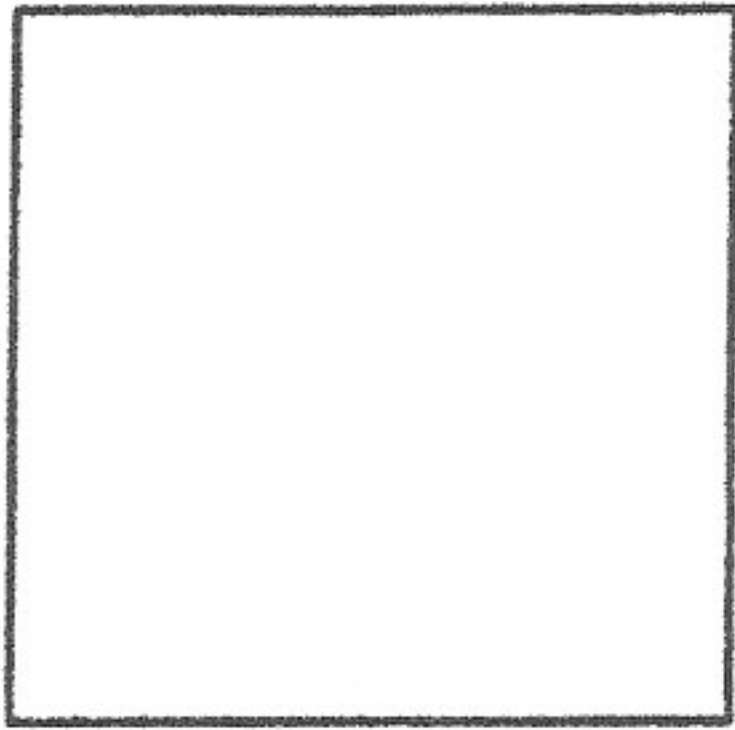
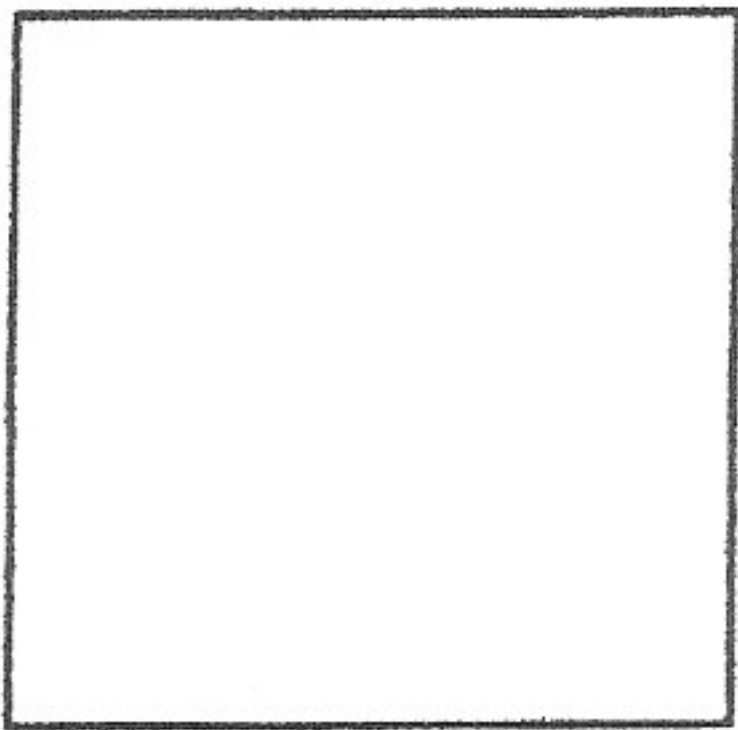
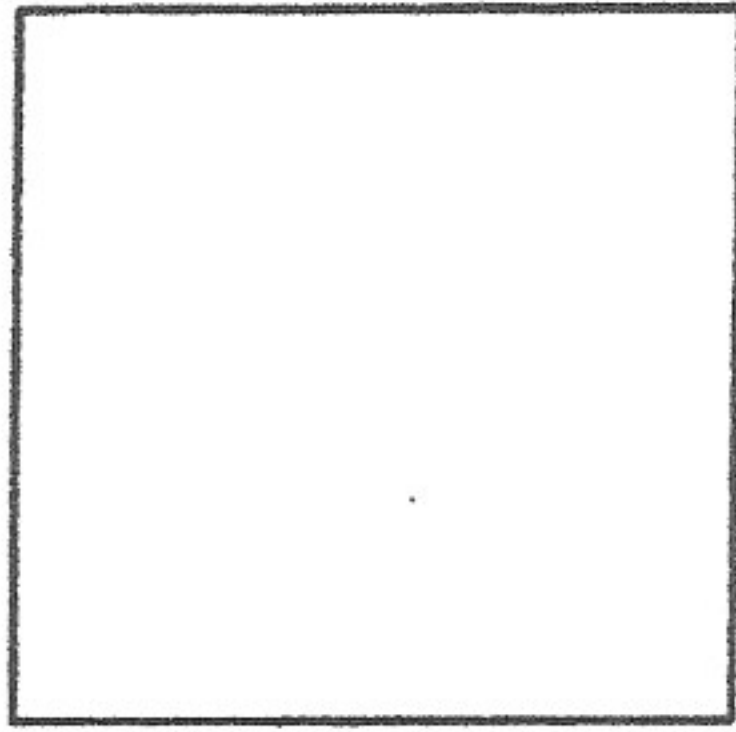
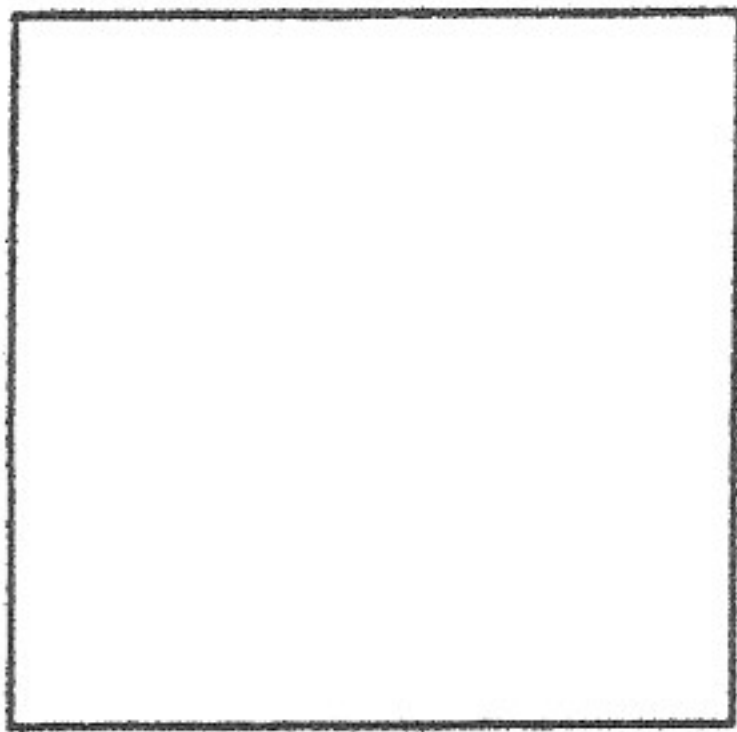
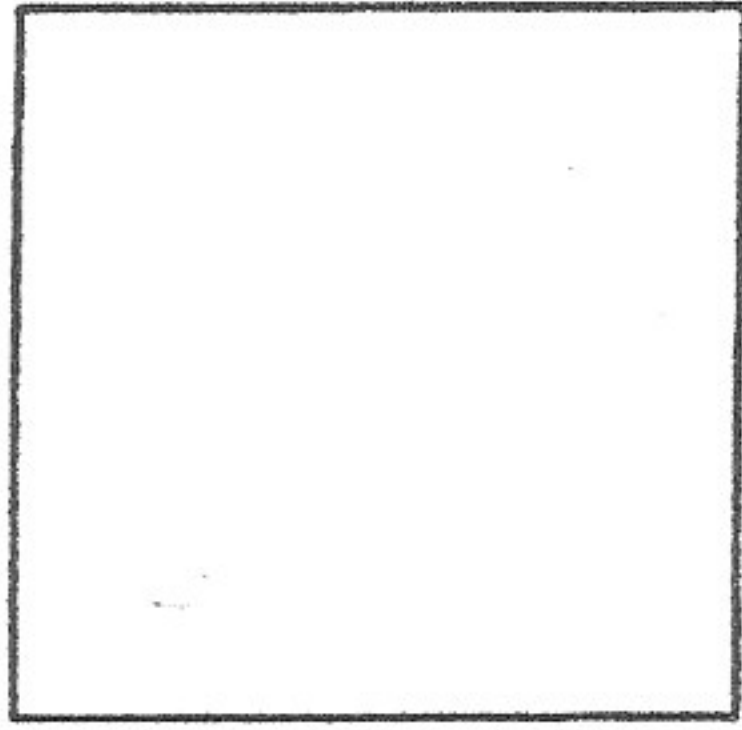
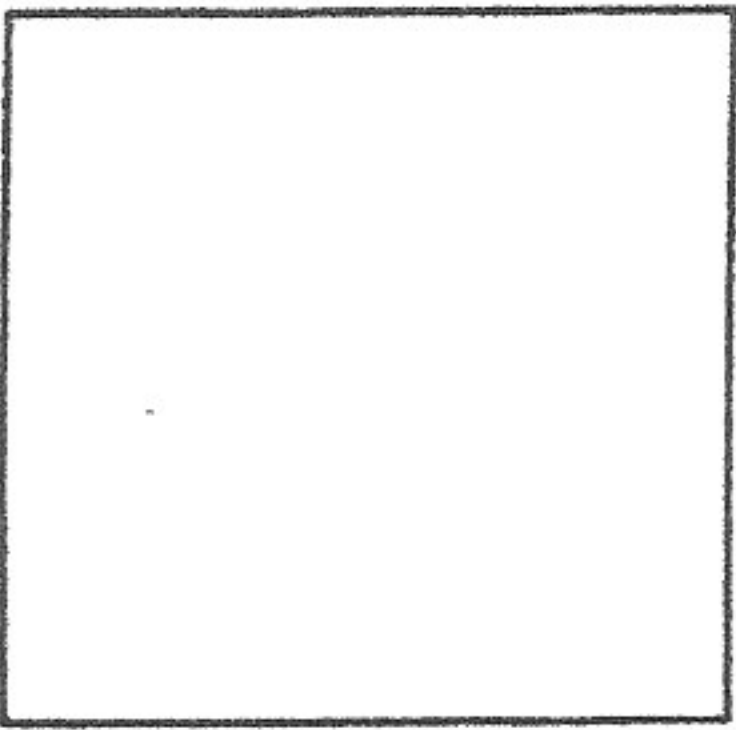
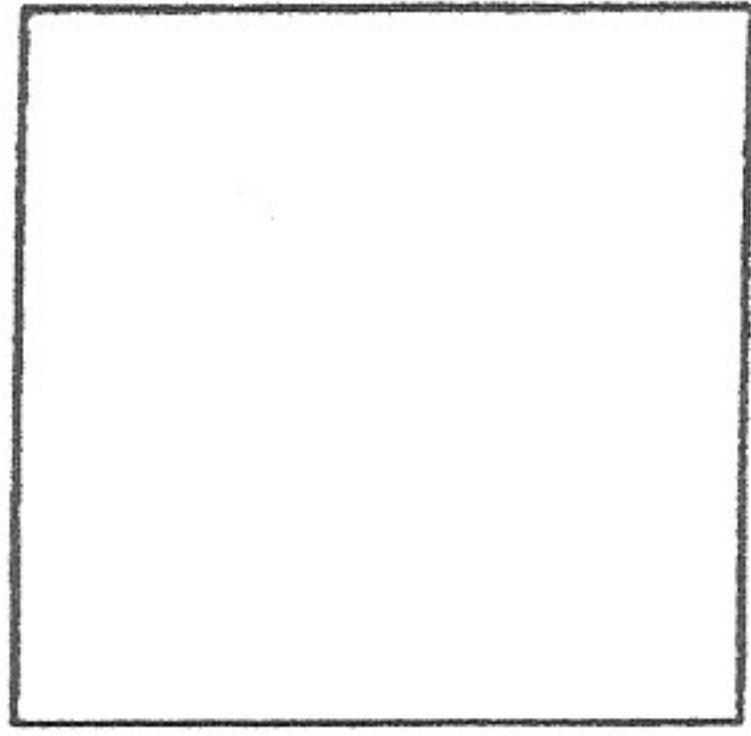
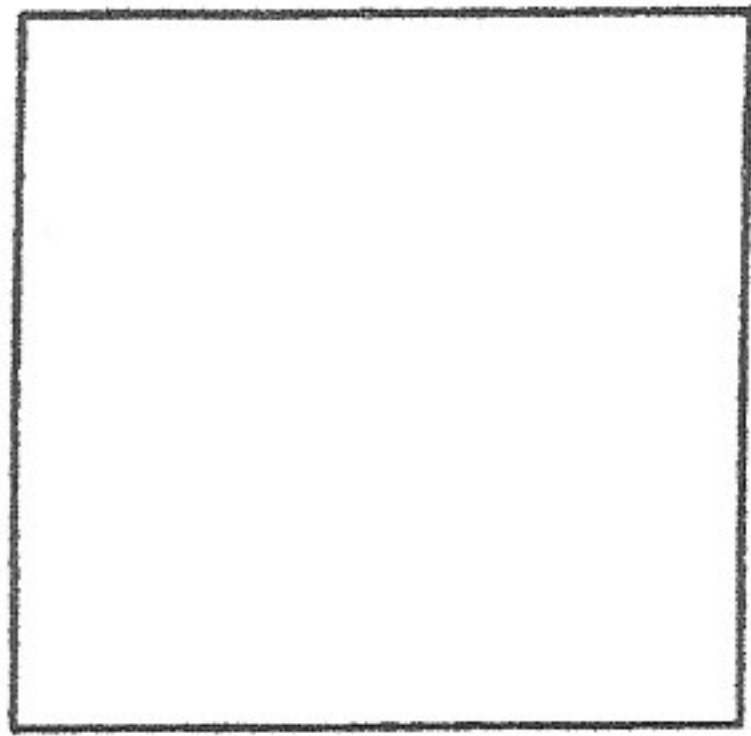
face of number of
no. 3

Help get me out! I have
a airtight face behind
me!

Air shaft



TEAM
MAP



Blowing fan
off

Clear to
SURFACE



XXXXX
XXXXX

CAVED

AIRTIGHT

XXXXX
XXXXX