

APRIL 25TH

2018

**KENTUCKY
STATE MINE
RESCUE**

MH

**KENTUCKY STATE MINE RESCUE CONTEST
SUPERINTENDENT STATEMENT
APRIL 24, 2018**

Thank you for coming to help us. You are located on the surface at the top of the slope of the KY-Co #1 mine. This mine was just starting out and is working to drive entries away from the slope and split air shaft.

There is a fan located on the intake side of the split shaft.

The mine has a history of bad roof, water and methane. The mine maps are up to date. We have a competent life line person to give and take life line signals if necessary.

Please find the 3 missing miners that were in this area of the mine that you will be exploring. Thank you and good luck.

PROBLEM

THE FAN LOCATED ON THE INTAKE SIDE OF THE SPLIT SHAFT IS OFF AND CAN BE STARTED EXHAUSTING OR BLOWING. DO NOT STALL THE FAN, AS IT WILL CAUSE DAMAGE TO IT.

BOTH THE INTAKE AND RETURN SIDE OF THE SHAFT IS SAFE TO VENTILATE THROUGH.

ACCOUNT FOR ALL 3 MISSING MINERS THAT ARE IN THE AREA YOU ARE EXPLORING AND BRING SURVIVORS TO THE SURFACE.

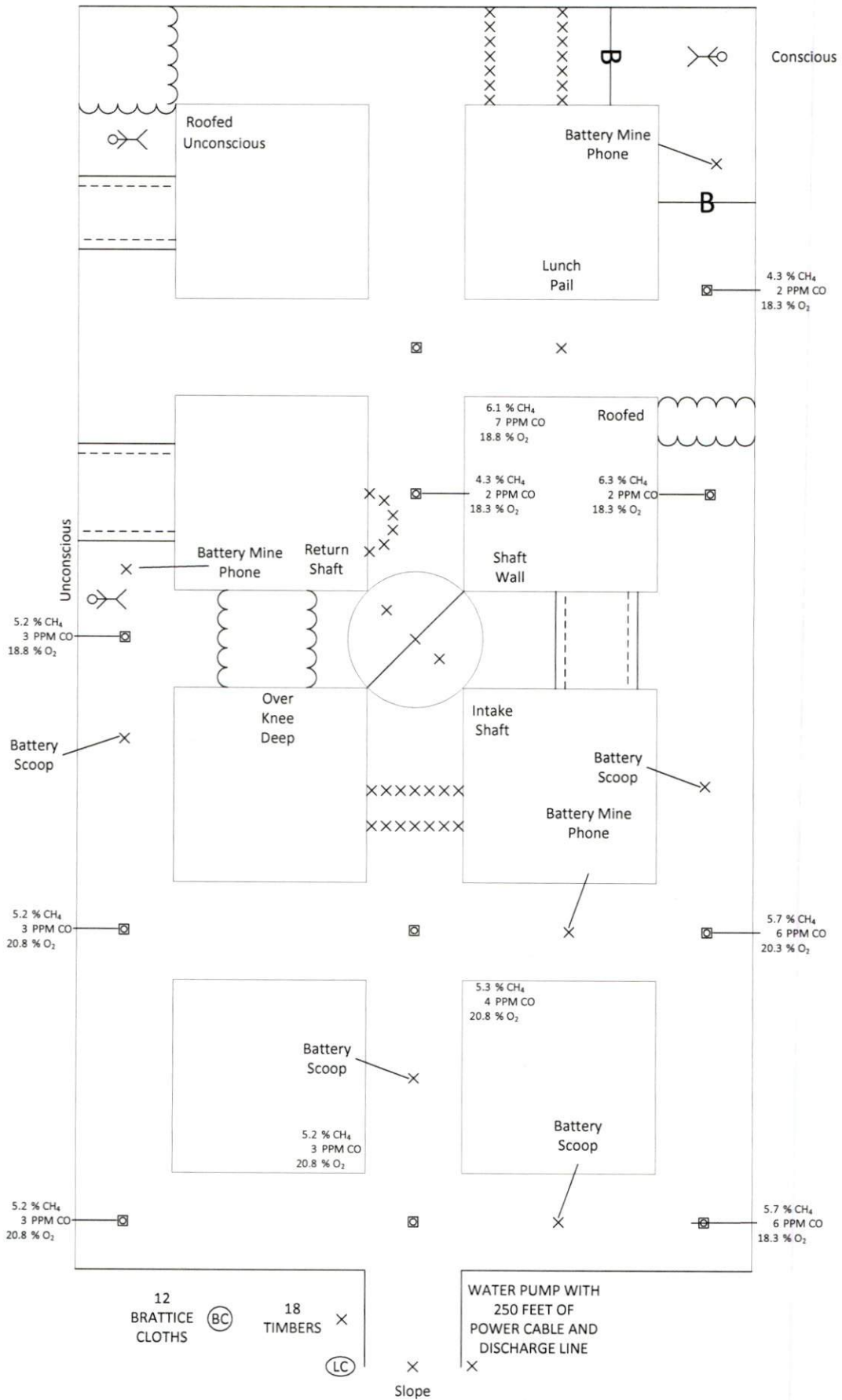
EXPLORE ALL AREAS OF THE MINE THAT CAN BE DONE SAFELY.

WHEN THE TEAM IS TRAVELING THEY CAN ONLY CARRY 2 TIMBERS PER WORKING TEAM MEMBER AND THEY MUST CARRY THEIR OWN TIMBER IN THEIR HANDS. BRATTICE CLOTH AND LINE CURTAIN MUST BE EITHER CARRIED IN THE HAND OR ON THE STRETCHER. NO THROWING, KICKING, PITCHING ETC. OF THE TIMBERS, WATER PUMP, BRATTICE CLOTH OR LINE CURTAINS BY THE TEAM MEMBERS.

PATIENT STATEMENT

HELP GET ME OUT OF HERE.

KENTUCKY STATE 2018 PROBLEM MAP



KENTUCKY STATE MINE RESCUE CONTEST
JUDGES BRIEFING

Top slope GT

Team Stop 1

Inby GT

Crosscut between 2 & 3 GT

Crosscut between 1 & 2 GT

The team can go either left or right.

Team Stop 2

Inby GT

Team Stop 3

Inby GT

The team can advance any entry.

Team Stop 4

Inby GT

Crosscut between 2 & 3 GT

Team Stop 5

Outby GT

Inby GT DI RR

Crosscut between 1 & 2 GT

Team Stop 6

Outby GT

Inby GT

The team can advance either 1 or 3 entry.

Team Stop 7

Patient touch assess DI take to surface.

Inby GT DI RR

Crosscut between 1 & 2 GT DI

Team Stop 8

Crosscut between 2 & 3 GT DI RR

Inby GT DI

Now the team can either timber to fan shaft or timber up # 1 entry.

Number 1 entry timber through and RR on inby side.

Team Stop 9

Inby GT DI RR

Crosscut between 1 & 2 GT

Team Stop 10

Inby GT

Crosscut between 2 & 3 GT

Outby GT RR Zig-Zag

Team Stop 11

Crosscut between 1 & 2 GT DI

Team Stop 12

Patient reads statement.

Inby GT DI

Outby GT DI

Team Stop 13

Crosscut between 2 & 3 GT DI RR

Crosscut between 1 & 2 GT DI

Now the team can timber to fan shaft or timber up #1 entry.

Number 1 entry timber through RR inby side.

Patient touch assess DI take to surface.

Water roofed GT DI

Crosscut to shaft timber through RR inby side.

Team Stop 14

Outby GT DI RR

Ventilation 1

Ventilation 2

Pump 1

Ventilation 3

Ventilation 4

Team Stop 15

Entering barricade GT

Patient Touch Assess DI take to surface

Crosscut between 2 & 3 GT DI

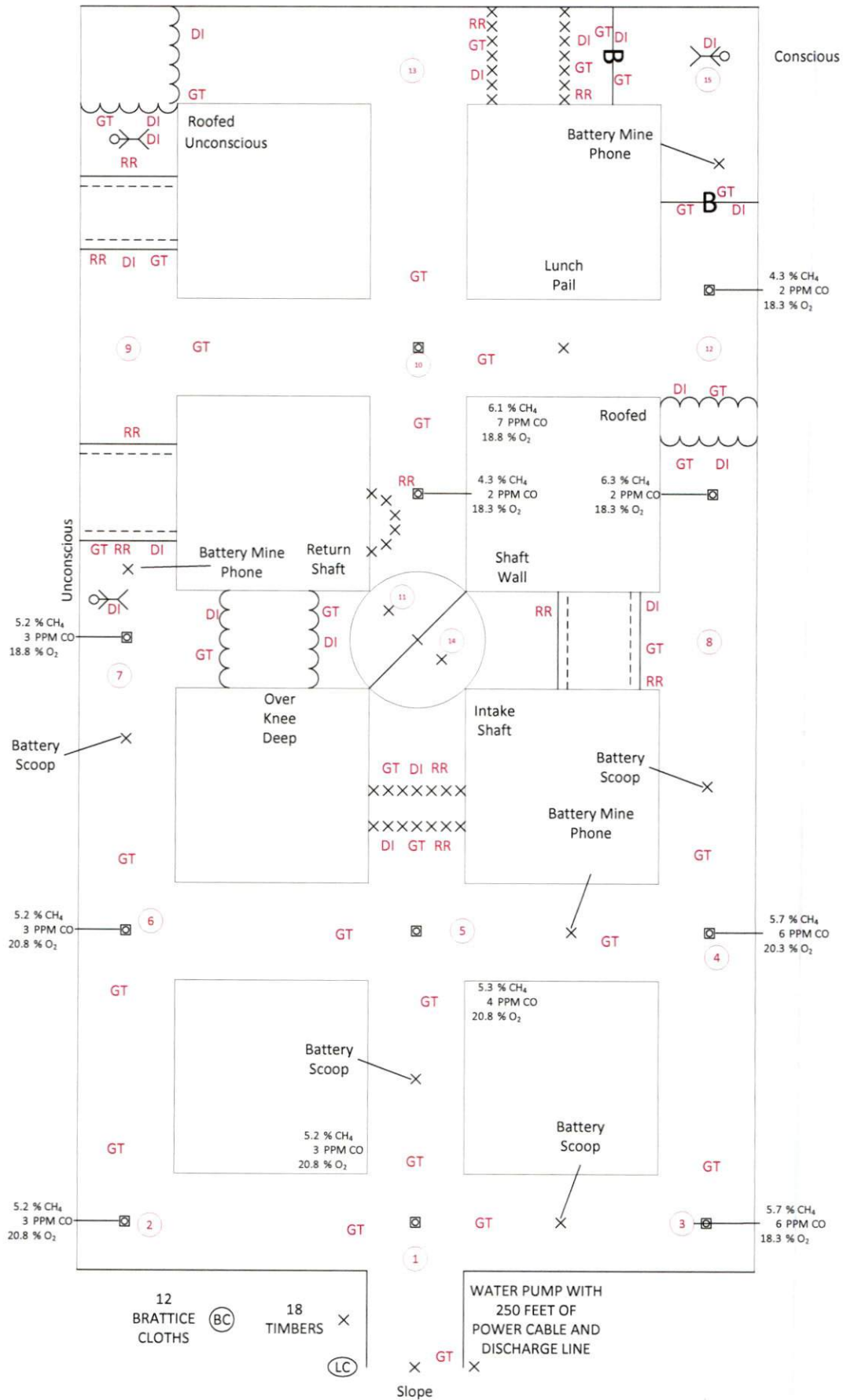
Team returns after taking patient to surface.

Enter through barricade GT

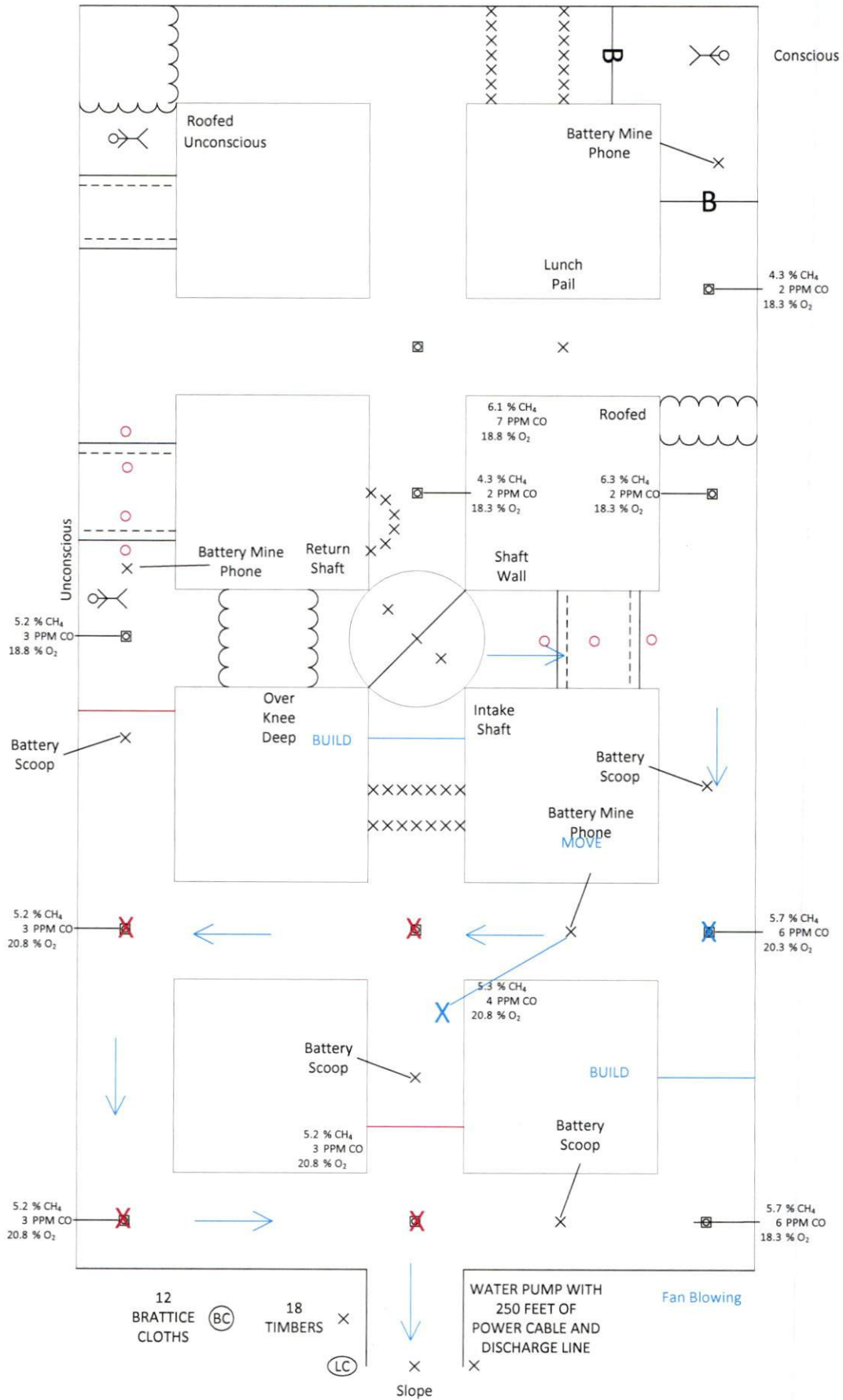
Caved GT DI RR

Stop Clock

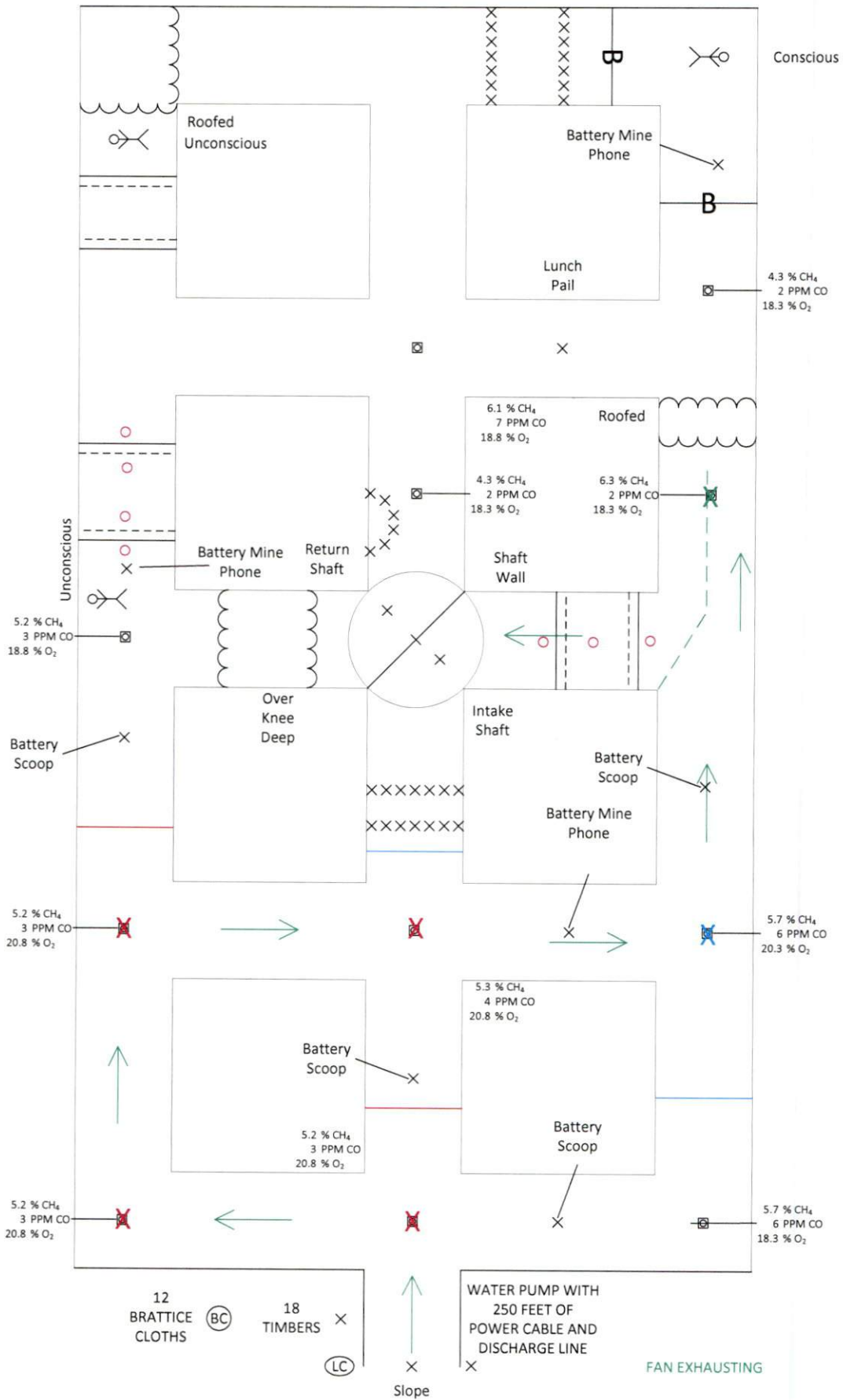
KENTUCKY STATE 2018 TEAM STOP



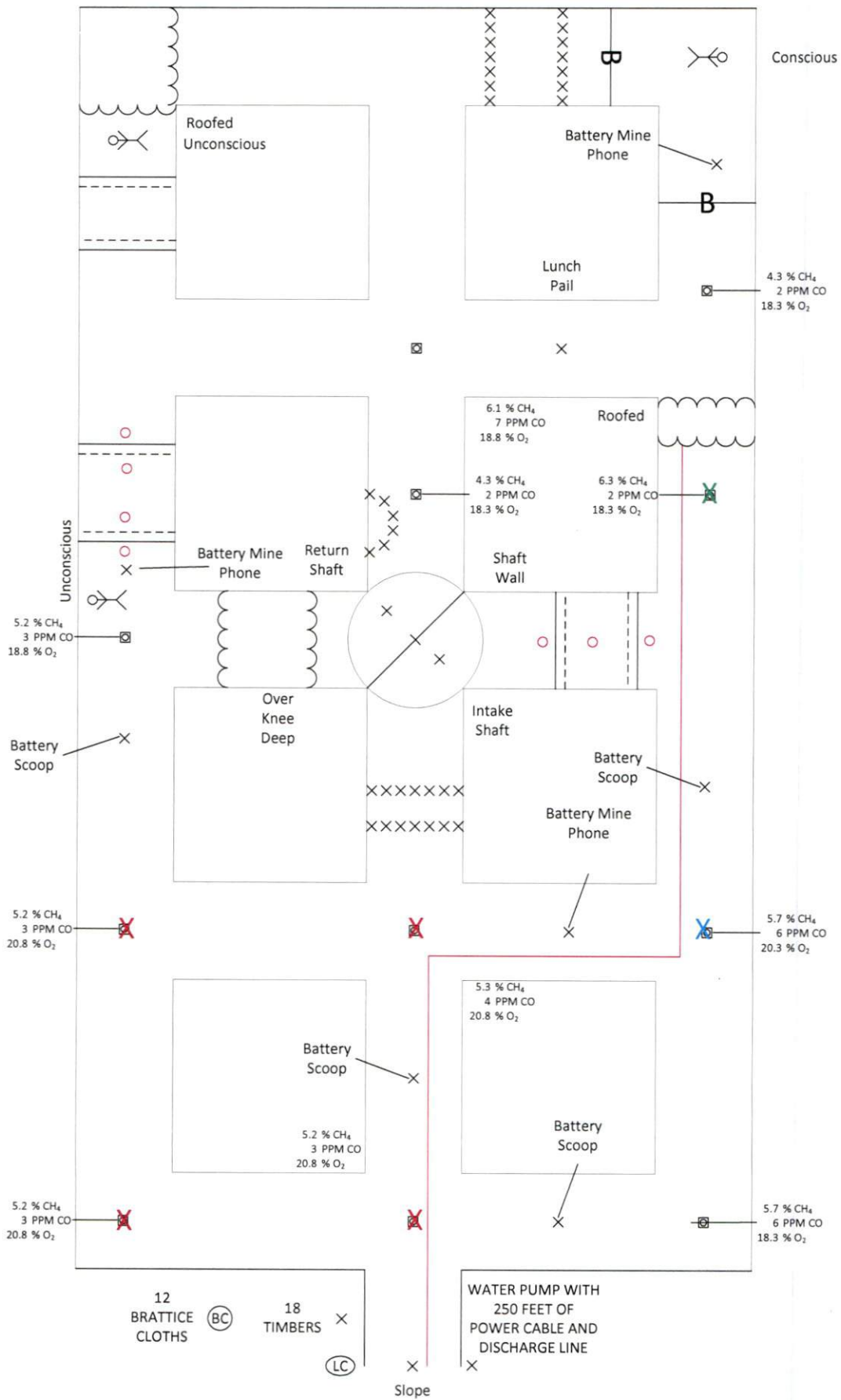
KENTUCKY STATE 2018 VENT 2



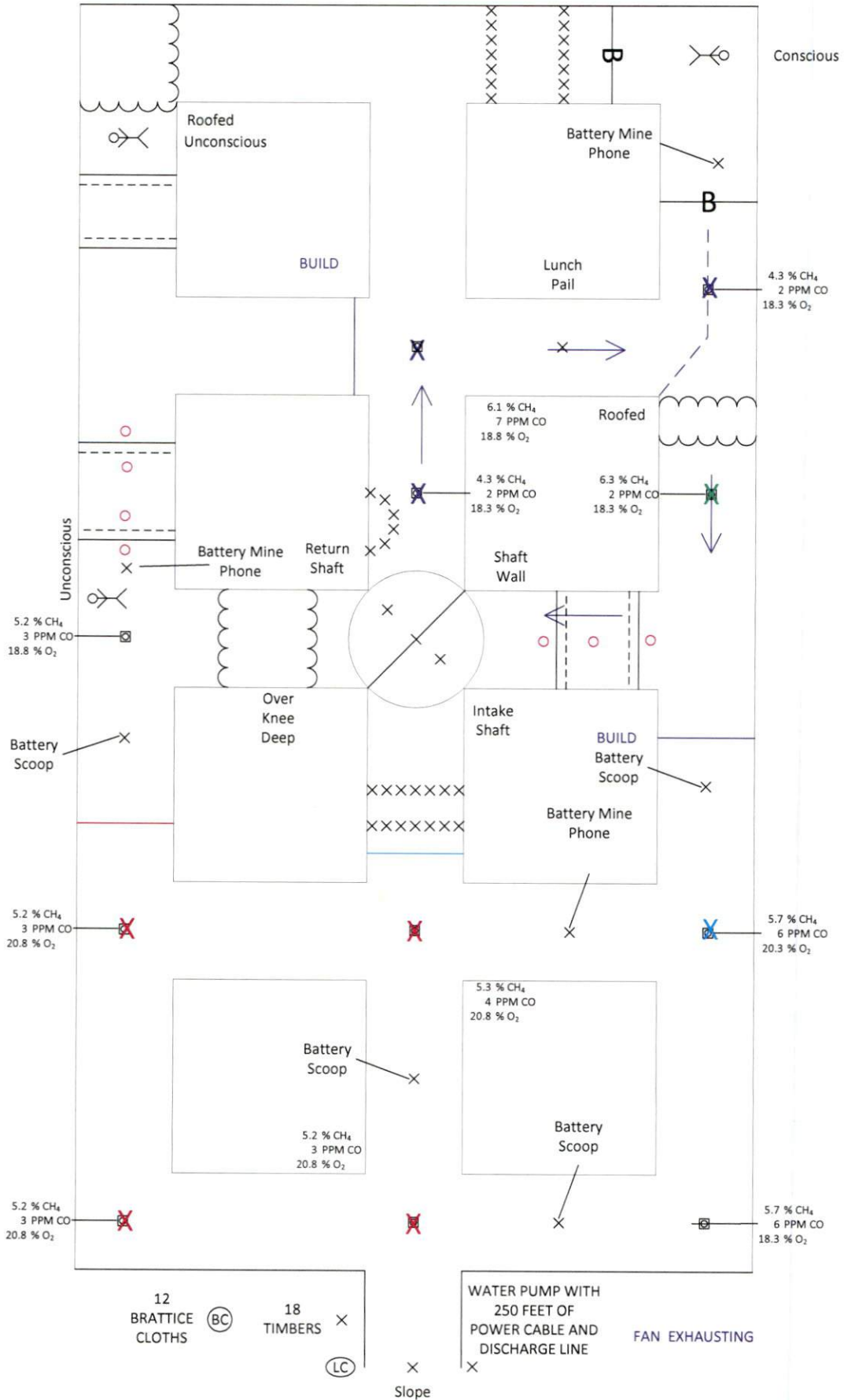
KENTUCKY STATE 2018 VENT 3



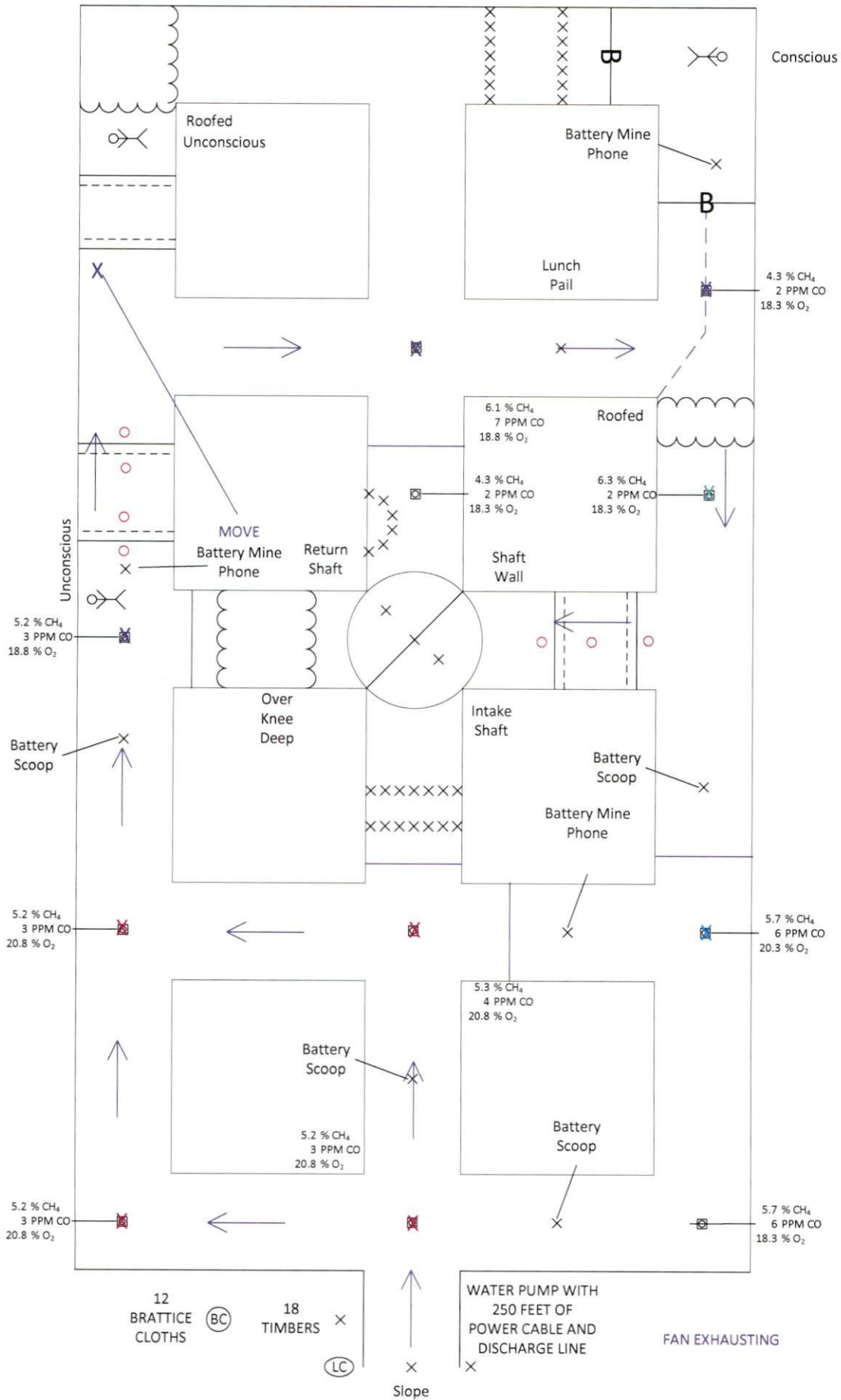
KENTUCKY STATE 2018 PUMP 1



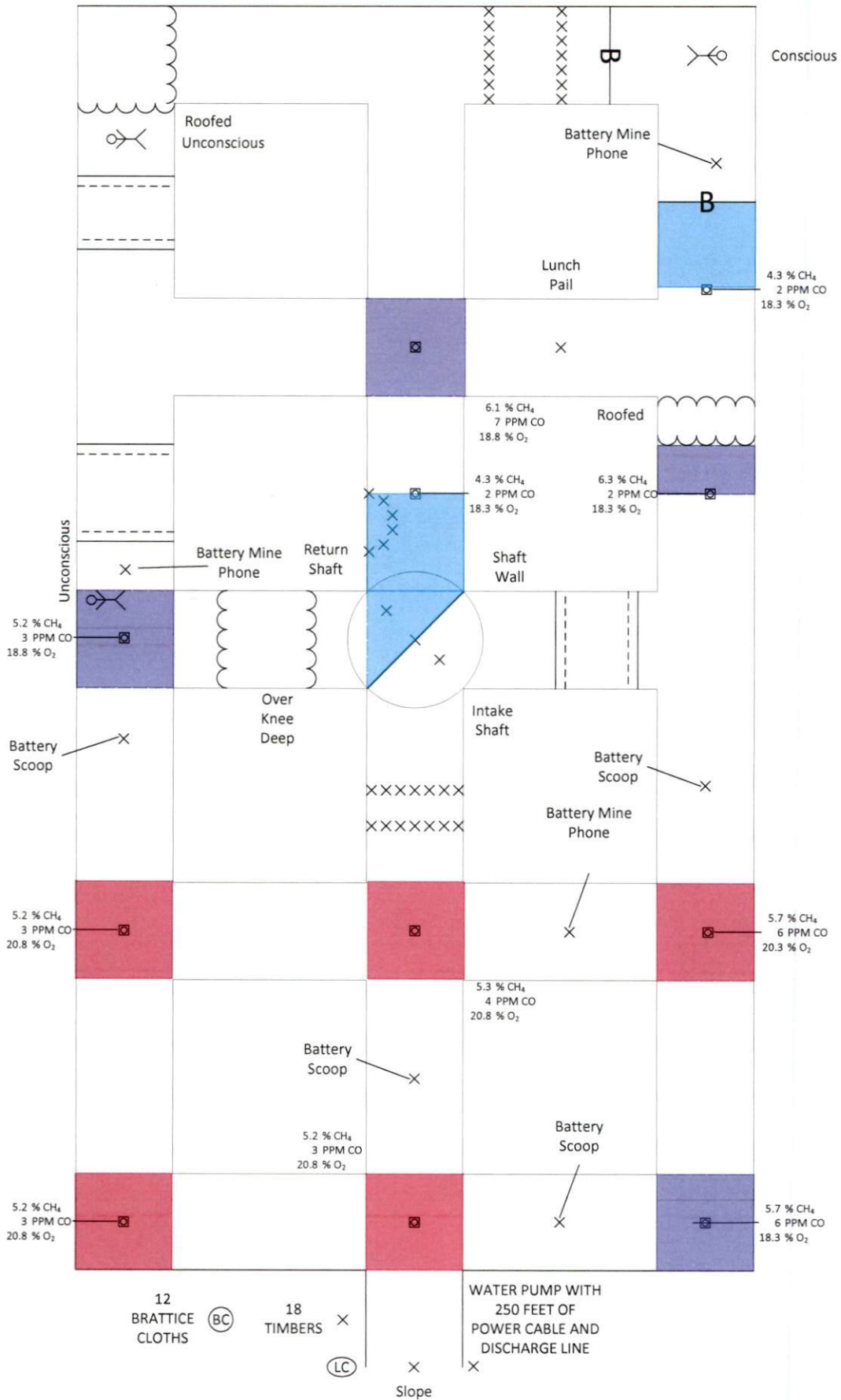
KENTUCKY STATE 2018 VENT 4



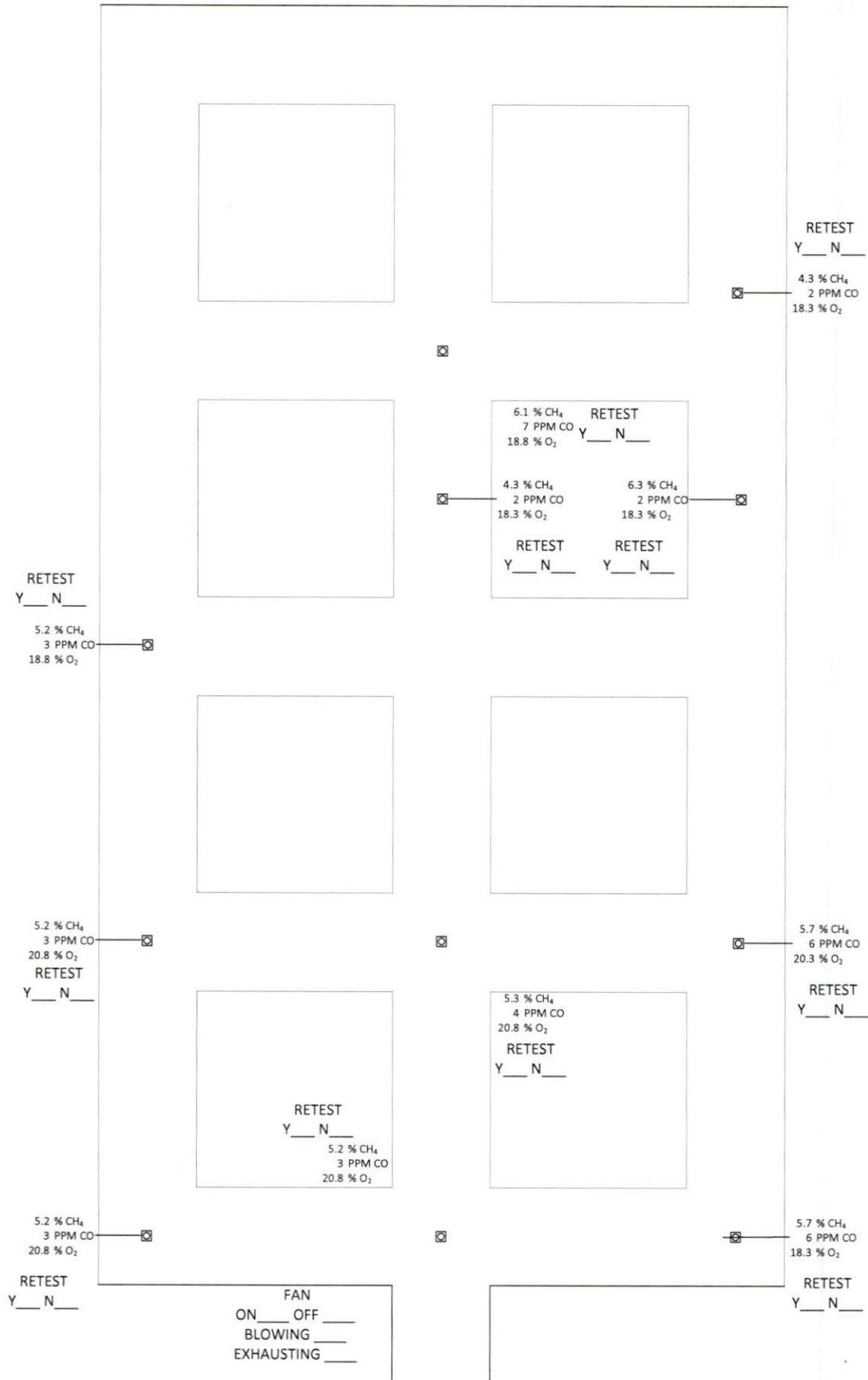
KENTUCKY STATE 2018 VENT 5



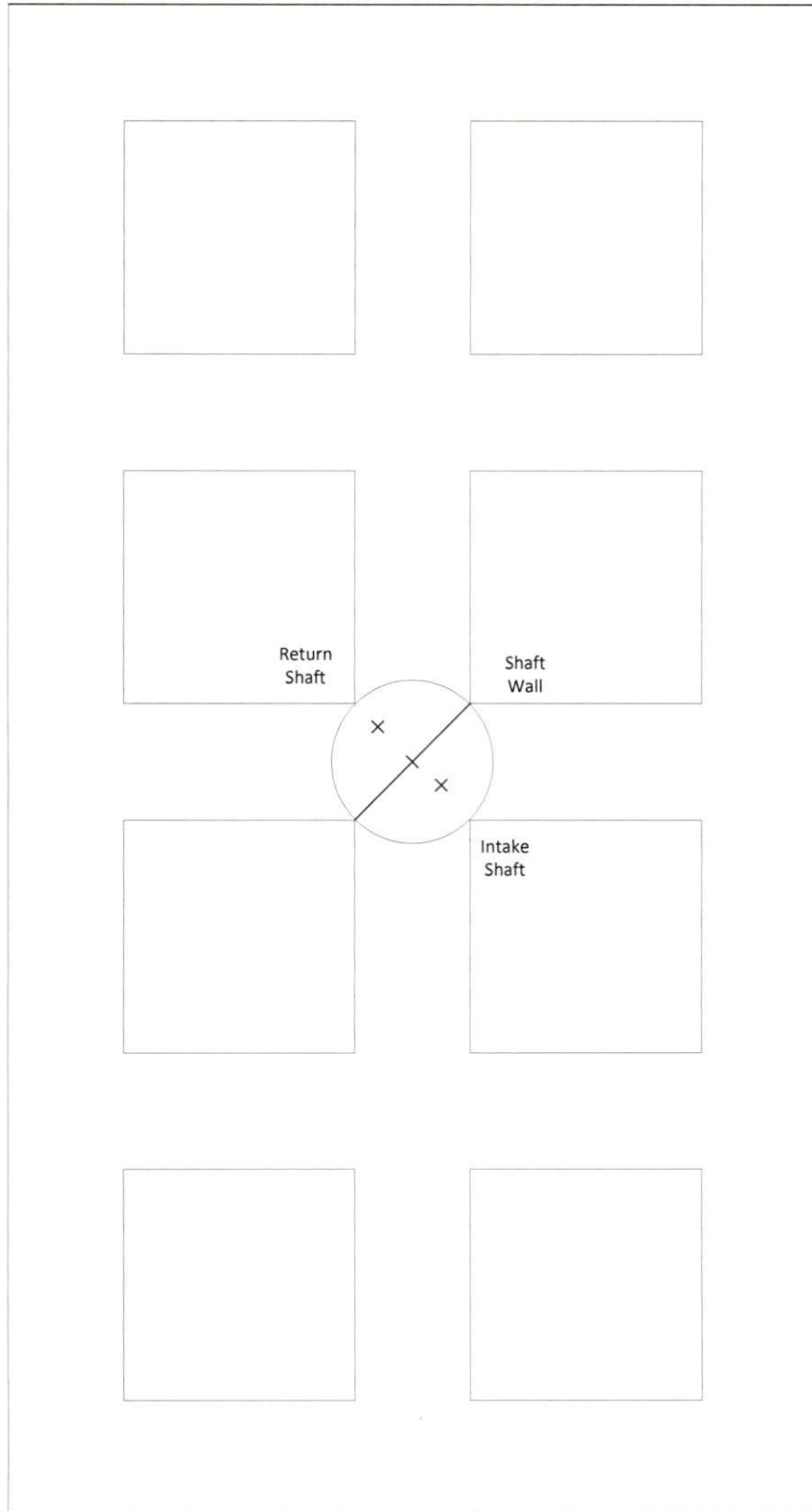
KENTUCKY STATE 2018 EXTENT OF GASES



KENTUCKY STATE 2018 FINAL MAP



KENTUCKY STATE 2018 TEAM MAP



12
BRATTICE
CLOTHS

(BC)

18
TIMBERS

x

(LC)

x
Slope

WATER PUMP WITH
250 FEET OF
POWER CABLE AND
DISCHARGE LINE

x