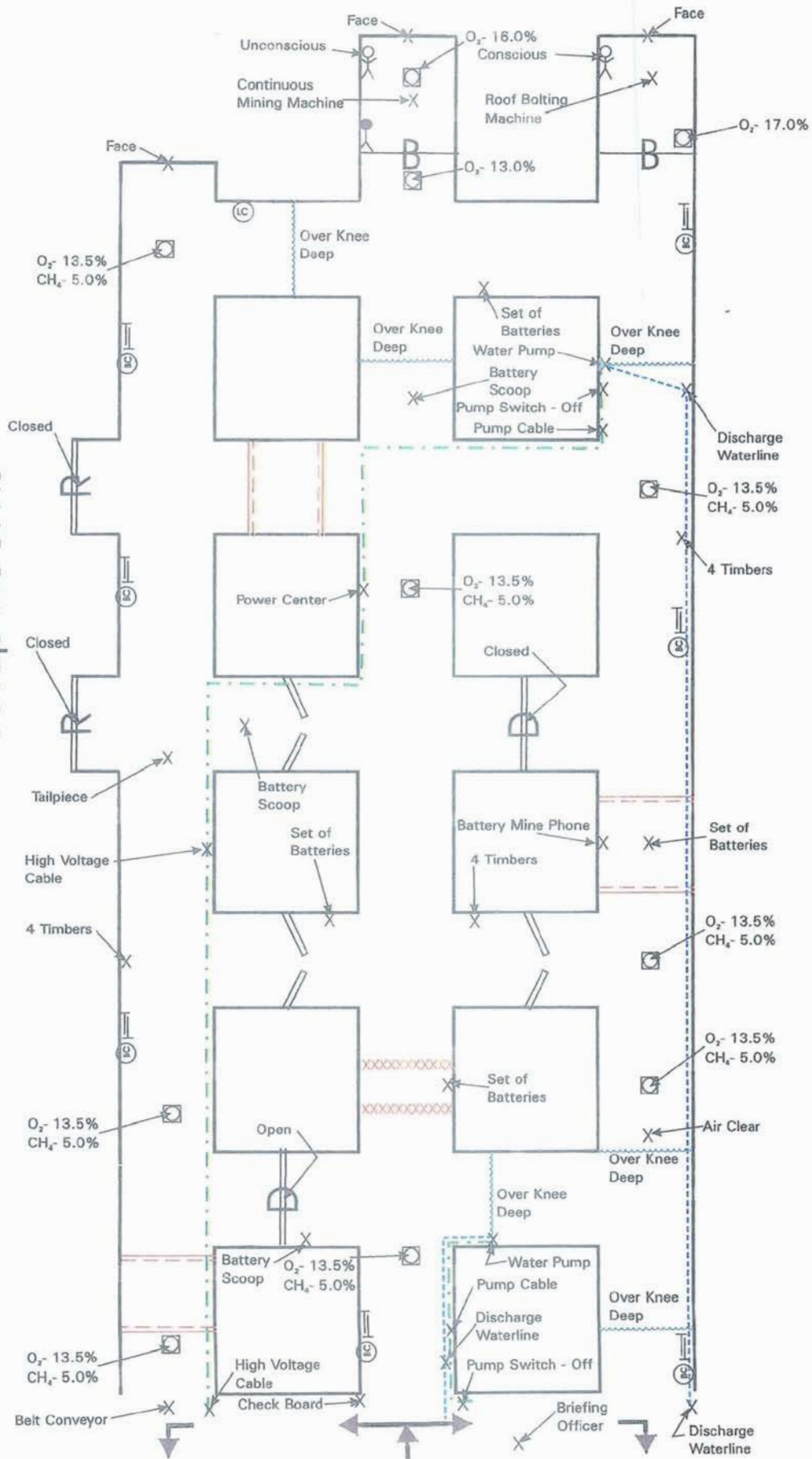


CRAIG, CO MINE RESCUE CONTEST - 2005

3rd RIGHT

Setup Rooms





I am _____, superintendent of the Oso Negro Mine. This mine operates two development sections and one longwall section, three shifts per day, six days per week.

There is a main fan and a bleeder fan, both exhausting, installed on the surface. The two fans are operating and are being monitored.

This mine liberates approximately 12 million cubic feet of methane in 24 hours.

Three miners were assigned to travel to the 3rd Right development section to complete the connection into the bleeder entries.

Approximately half way through their shift, the conspec person received an alarm on the conspec system indicating high levels of methane and fan alarms.

The conspec person immediately started contacting the miners in the mining sections, but was unsuccessful with the three miners in 3rd Right section. The other sections and outby workers were immediately evacuated from the mine.

Mine rescue teams were notified and exploration started. Teams explored the East Mains area of the mine, including 1st Right, 2nd Right and East Mains bleeders. They explored the set-up rooms of 2nd Right but had to retreat when a team member became seriously ill.

Prior to retreating, the team was instructed to close the two regulators of the 3rd Right section.

The other mine rescue team explored the 3rd Right section when they were stopped by a roof fall, unsafe roof, and water. The mine rescue team established a fresh air base outby this area and retreated to the surface for further instructions.

During exploration, the teams reported to the command center that they encountered water, roof falls, and unsafe roof, which are shown on the map that will be provided to your team.

All electrical circuits inby the fresh air base have been de-energized, locked out and guarded.

Fully equipped and properly trained back-up mine rescue teams are available as back-up to assist you while you are inby the fresh air base. You may request assistance from them through the superintendent.

The mine map was updated two days ago.

All work performed by backup teams shall be recorded on the briefing officer's map, including ventilation circuits established.

Good luck and have a good day!



- **Explore all accessible areas in a systematic manner, if it can be done safely.**
- **Account for all missing persons.**

Good Luck!

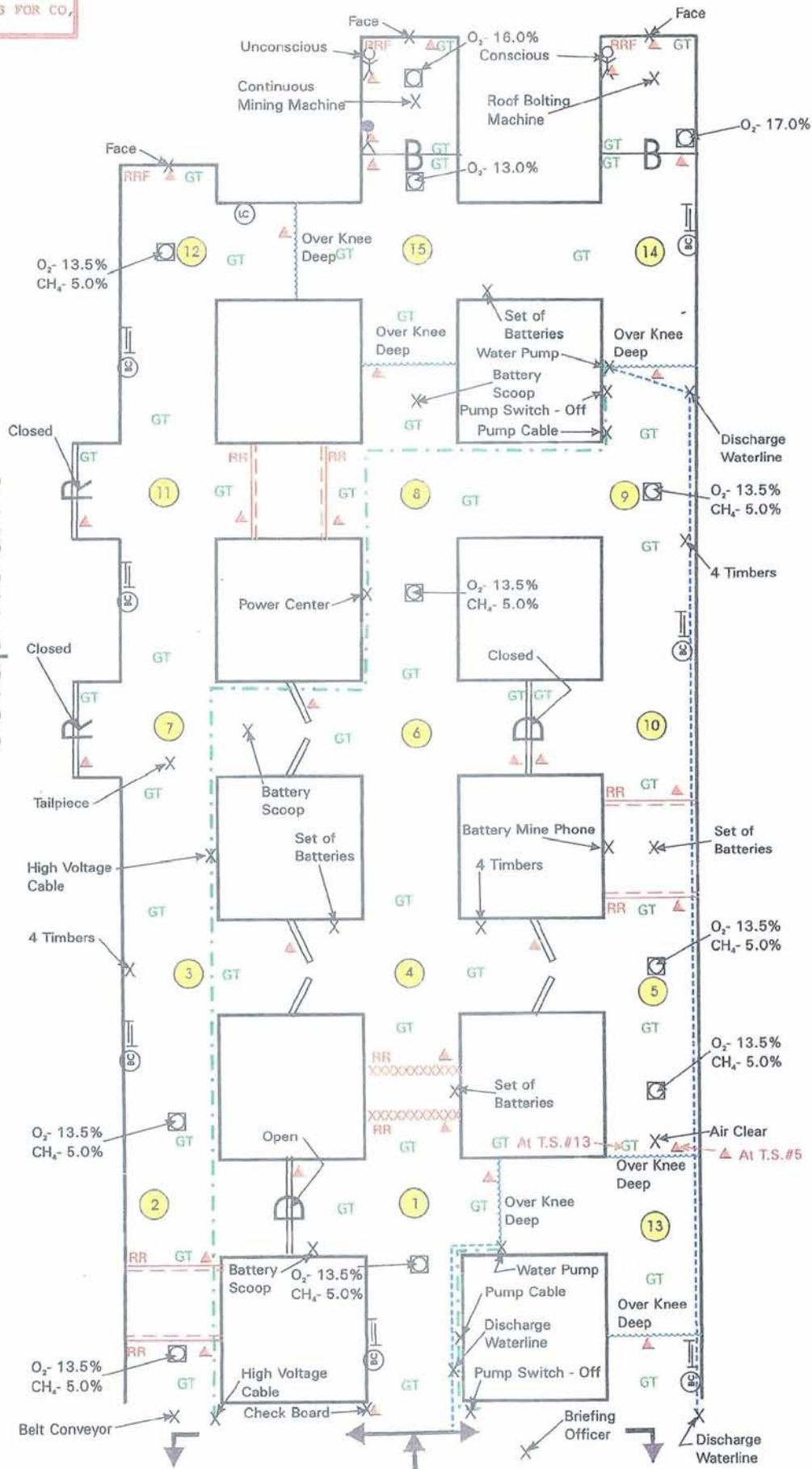


PROBLEEM

3rd RIGHT TEAM STOPS

INDEX	
RR	- ROOF & RIB TEST
RRF	- ROOF, RIB & FACE TEST
△	- DATE & INITIALS
GT	- GAS TESTS FOR CO, O ₂ & CH ₄

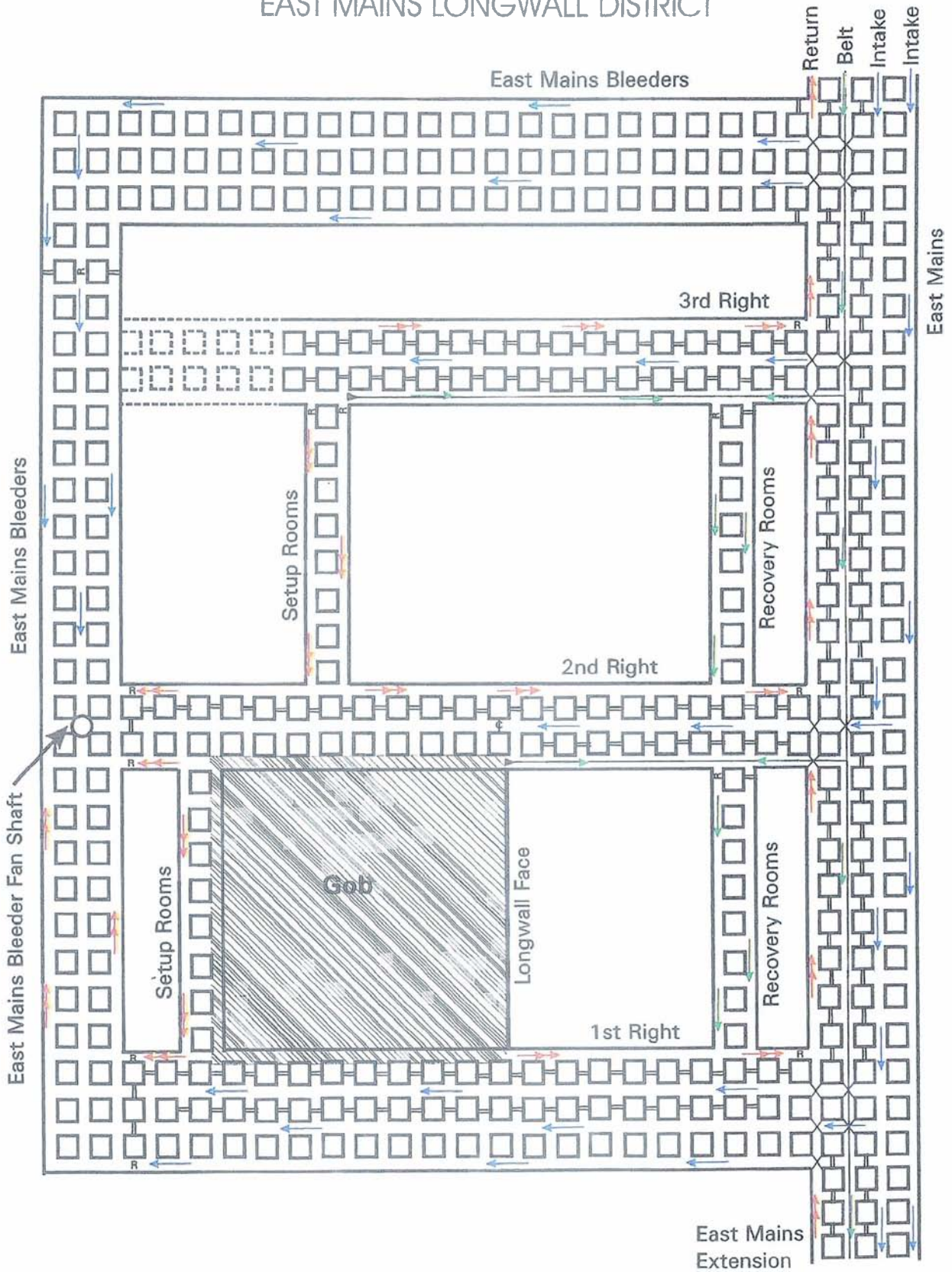
Setup Rooms



CRAIG, CO MINE RESCUE CONTEST - 2005

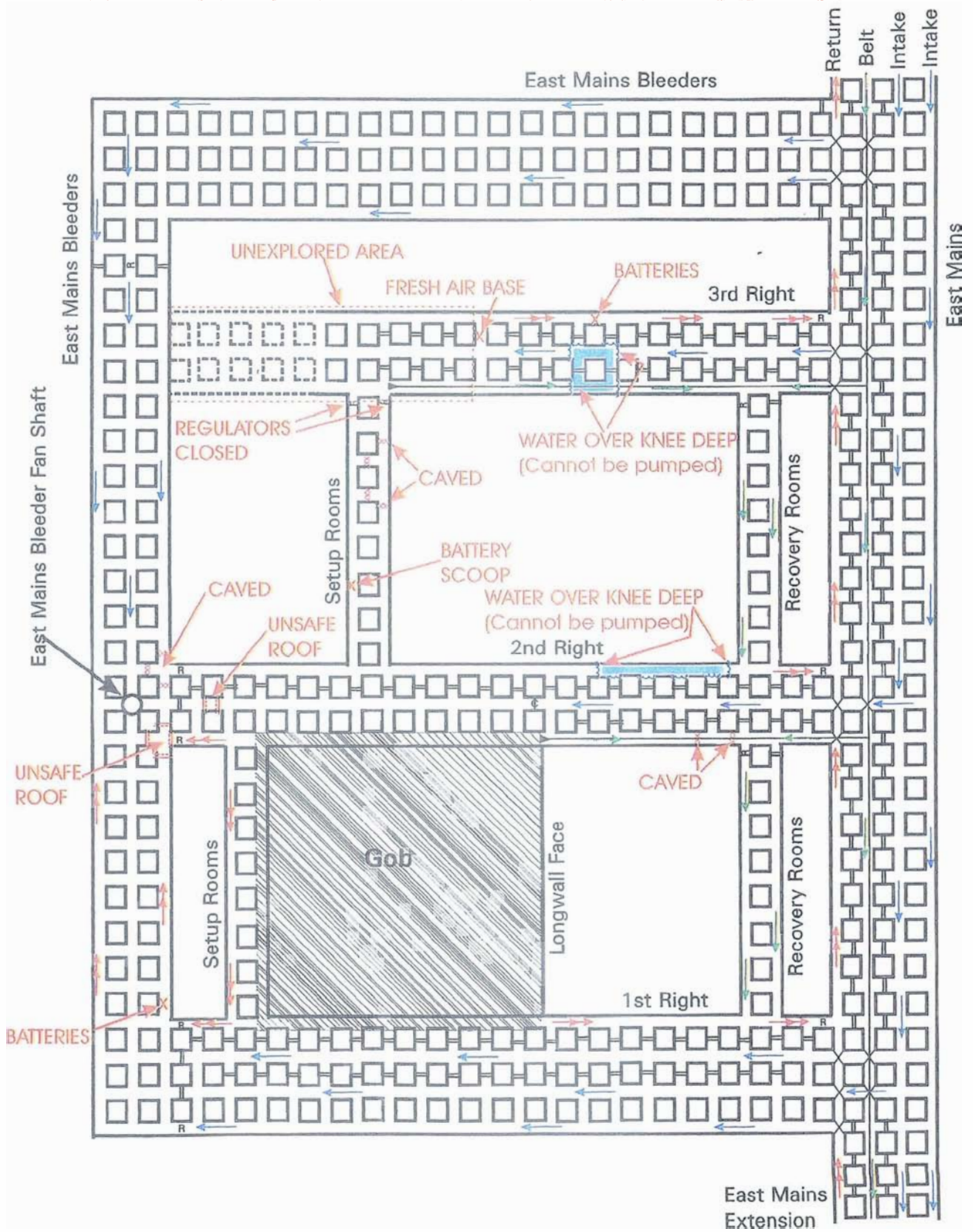
PRIOR VENTILATION

EAST MAINS LONGWALL DISTRICT



CRAIG, CO MINE RESCUE CONTEST - 2005

EAST MAINS LONGWALL DISTRICT CONDITIONS AFTER INITIAL EXPLORATION

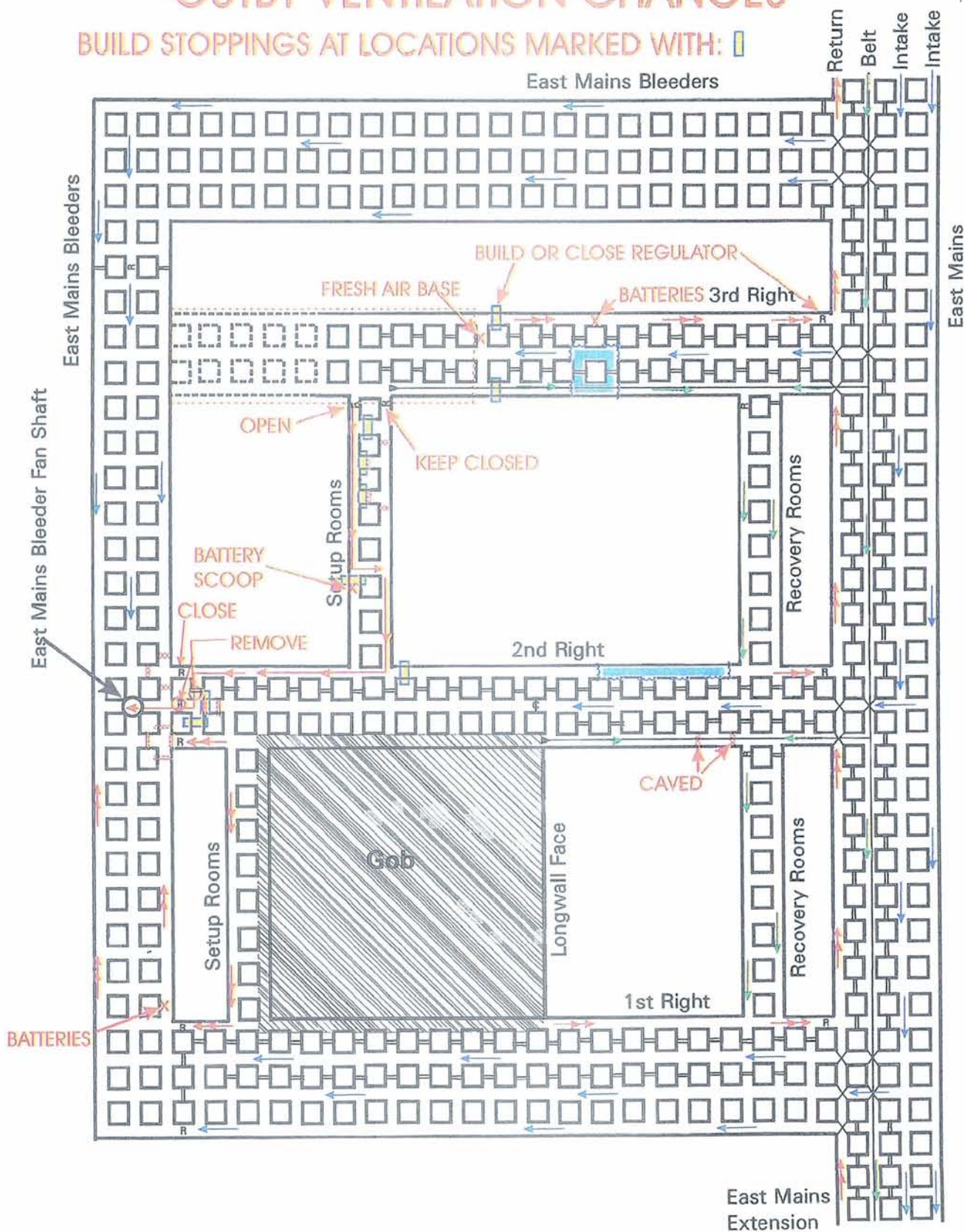


CRAIG, CO MINE RESCUE CONTEST - 2005

EAST MAINS LONGWALL DISTRICT

OUTBY VENTILATION CHANGES

BUILD STOPPINGS AT LOCATIONS MARKED WITH: 



3rd RIGHT

VENT CHANGE 1

★ = Ignition Source

□ = O₂- 13.5%
CH₄- 5.0%
Unless otherwise indicated

NOT NEEDED BUT TEAMS WILL PROBABLY BUILD

OPEN REGULATOR
(Should close after vent change to prevent unintended vent. changes)

SEE OUTBY MAP FOR VENT CHANGES

Closed

High Voltage Cable

CLEAR

SET TIMBERS

SEE OUTBY MAP FOR VENT CHANGES IN #1 & #3 ENTRIES

Closed

High Voltage Cable

CLEAR

SET TIMBERS

SEE OUTBY MAP FOR VENT CHANGES IN #1 & #3 ENTRIES

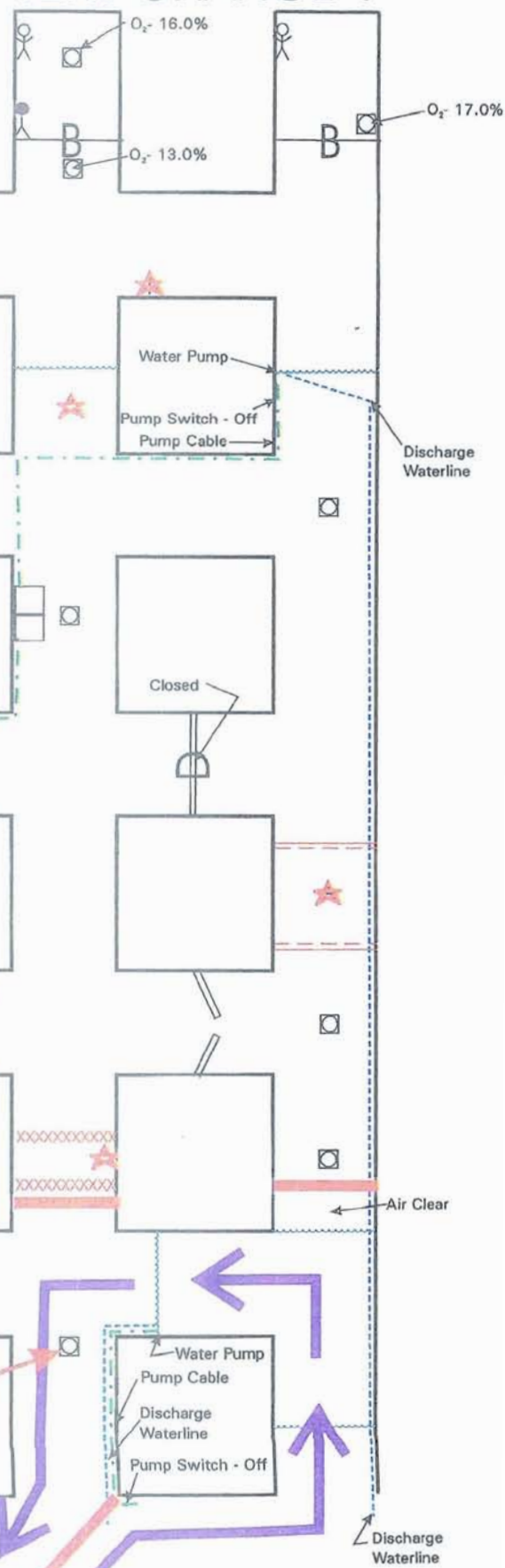
Closed

High Voltage Cable

CLEAR

SET TIMBERS

SEE OUTBY MAP FOR VENT CHANGES IN #1 & #3 ENTRIES



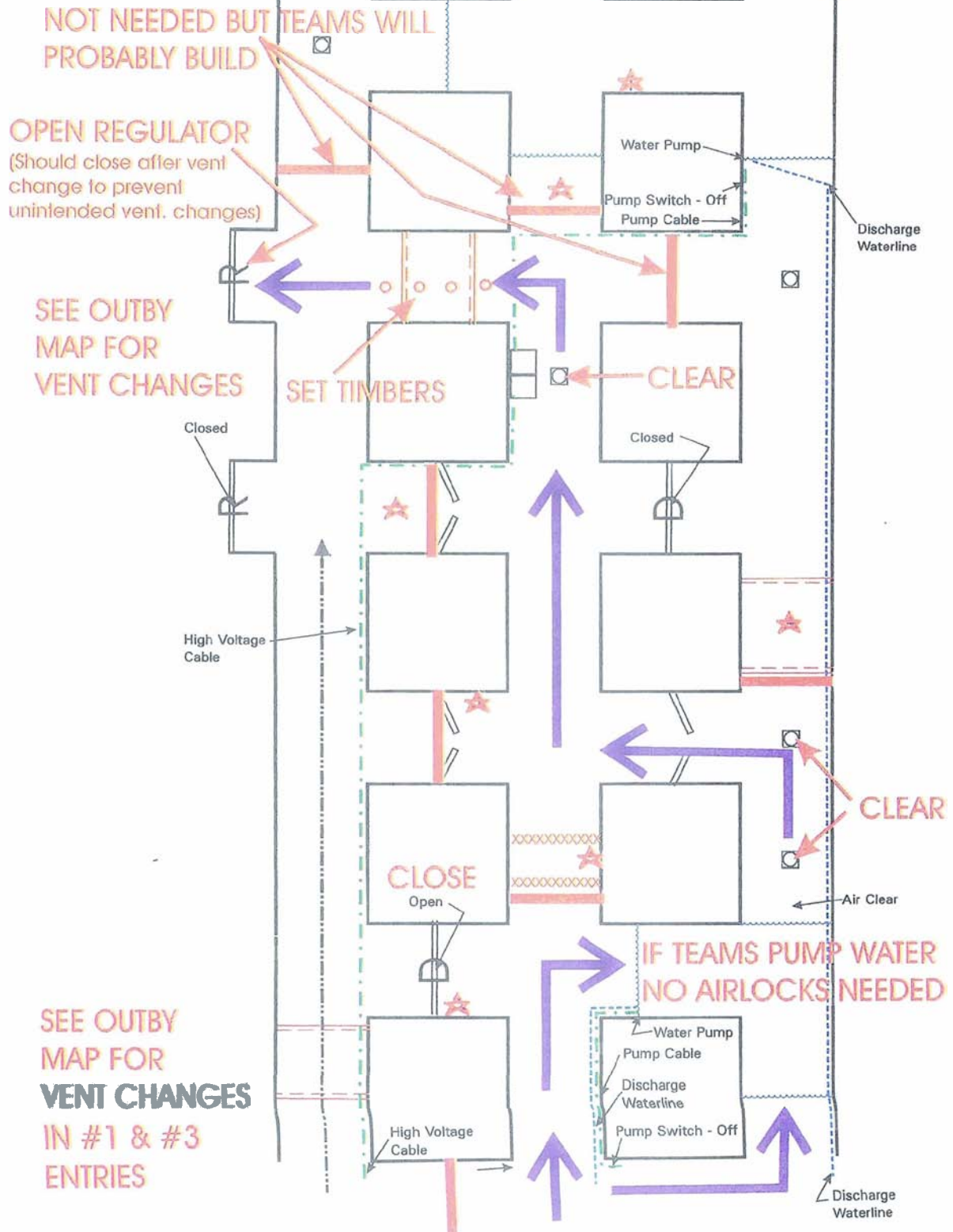
CRAIG, CO MINE RESCUE CONTEST - 2005

3rd RIGHT

VENT CHANGE 2

★ = Ignition Source

□ = O₂- 13.5%
CH₄- 5.0%
Unless otherwise indicated

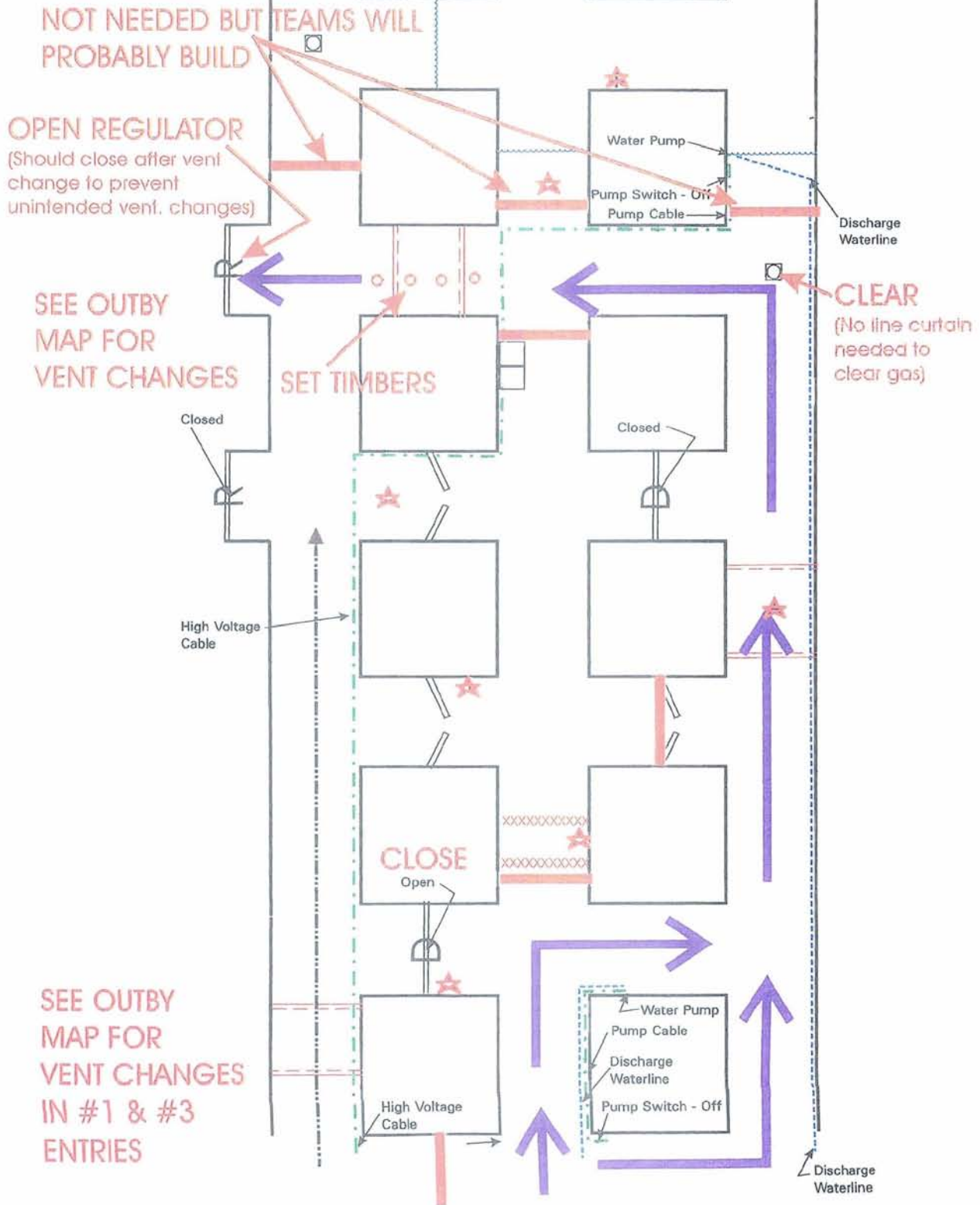


3rd RIGHT

VENT CHANGE 3

★ = Ignition Source

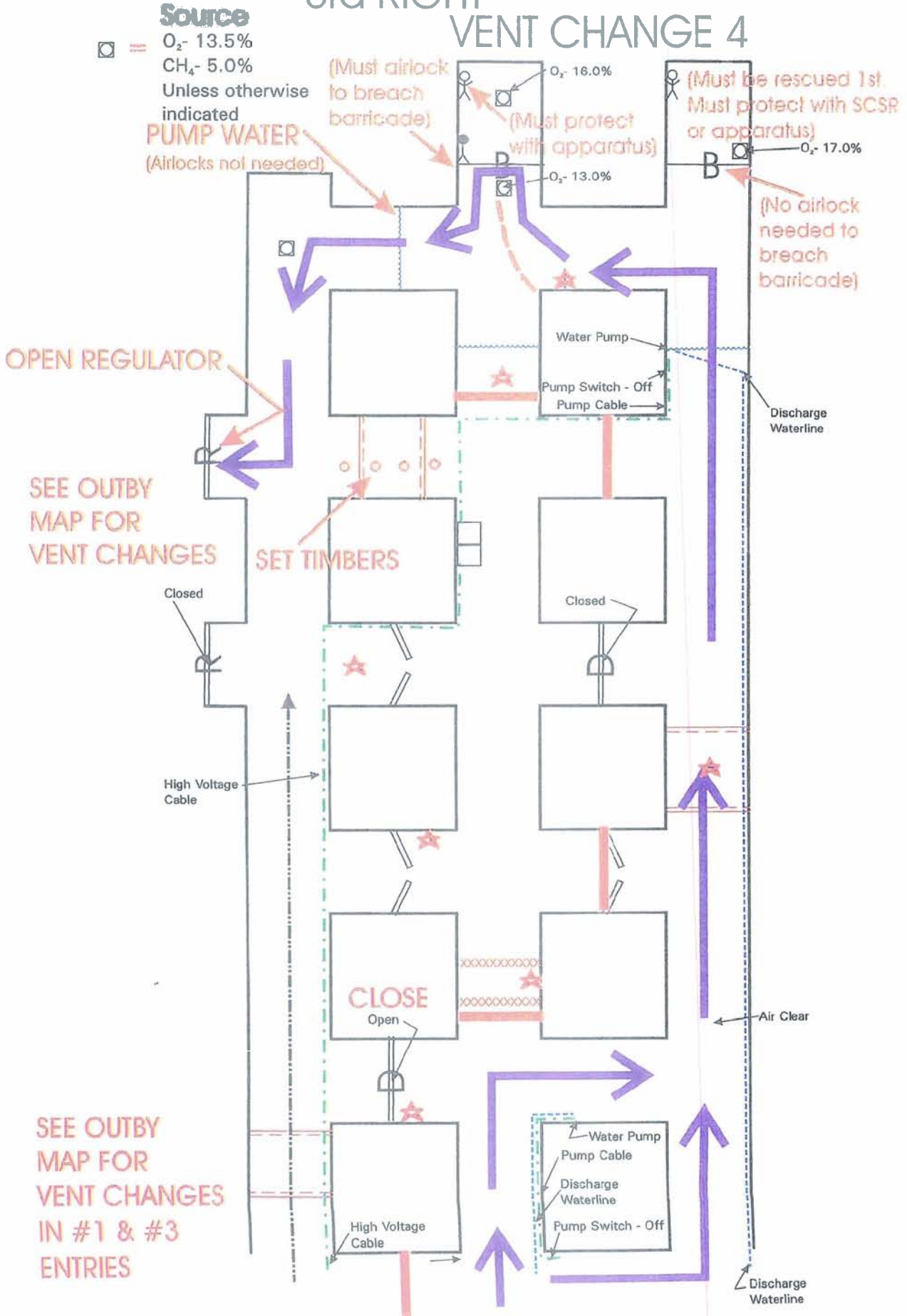
☐ = O₂- 13.5%
CH₄- 5.0%
Unless otherwise indicated



CRAIG, CO MINE RESCUE CONTEST - 2005

3rd RIGHT

VENT CHANGE 4





HELP!

I'm feeling dizzy.

**I'm in an area that is
airtight!**

PATIENT STATEMENT