

WV Alliance Contest

May 13 & 14, 2009

PROBLEM

Explore the mine, locate the missing miners, treat any life threatening or serious injuries and bring any live persons to the fresh air base. If your team reaches the recently drilled bore holes, immediately tap 3 times on the steel, wait about 5 seconds and tap 5 more times. Be careful.

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WV Alliance Mine Rescue

Hello, my name is _____ Safety Director at the Do Right mine. I am in charge of the fresh air base during this rescue attempt. You are located underground at # 123 crosscut on the 1 left section. The section is advancing and is within 500' of the property line. The mine is ventilated with an exhaust fan that is running at this time. The fan cannot be stopped or reversed and there are no overcasts in the mine. #1 is the return entry, the belt is in #2 and the intake is in #3. The mine liberates about 300,000 cubic feet of methane every 24 hours. The mining conditions are generally good but do have some water and occasional swags.

The day before yesterday, a foreman and five crew members entered the section to continue the mining process. We mine with a continuous miner and haulers and have one roof drill on the section.

About 3:00 a.m. A scoop operator called out and said that they had cut into something and the air was getting hard to breathe on the section and didn't know where the foreman was. The RP instructed him to don his SCSR immediately, get the crew together, have them don their SCSR's, bring extra SCSR's and come outside by the intake escape route. He further told him to call when he had everybody together and that he would send help to meet them. The RP then called the mine owner for help and got a ride to go underground. A short distance in the mine, he detected oxygen deficiency and determined that there had been a gas inundation and had to retreat. Mine Rescue teams were called in and began exploration immediately. The process has been slow and the teams have been working to clear 500' sections of the mine by airlocking, ventilating and moving the fresh air base up. You are within the last 500'.

There has been no other communication with anyone on the section, but yesterday morning our seismic equipment picked up what we believe was tapping on a roof bolt. This continued until about 8:00 last night and we haven't heard anything since. We had pin pointed the tapping to where we believe the face of # 3 entry would be. We have drill crews putting 2 holes down in that area now. The plan is to listen for sounds, test for gases and if safe, drop a battery phone in one hole and a battery camera in the other. Both holes are close to penetrating the mine and we will keep you informed on what is happening. The section has a 96 hour supply of breathable air for 10 people, so we feel confident that if the miners got to the SCSR Cache, there is plenty of oxygen to keep them alive.

The map is close to being accurate. There may have been 2 shifts of mining since it was marked up but we're not sure. There are old works in the area but according to the maps we have; we should not have been close to them. The maps we have of old works are probably 50 years old and might not be accurate. I will give you two copies of the section map when you are ready to start. The Breifing Officer's map is identified.

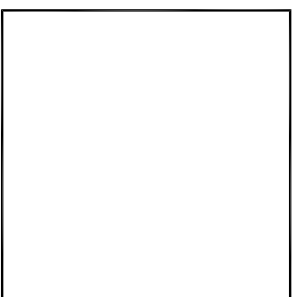
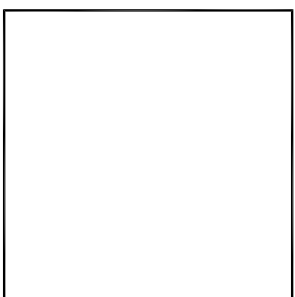
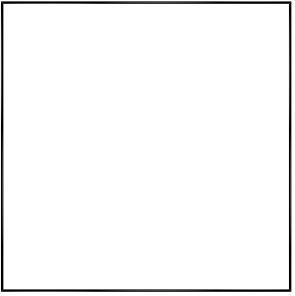
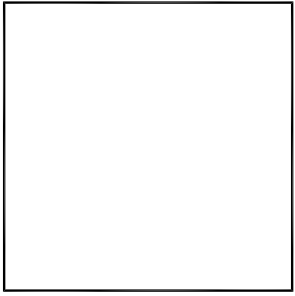
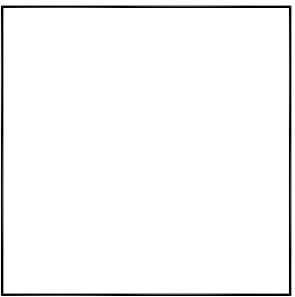
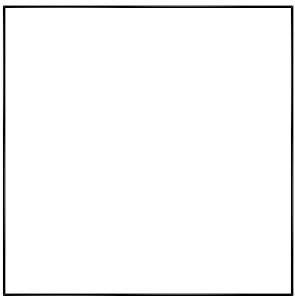
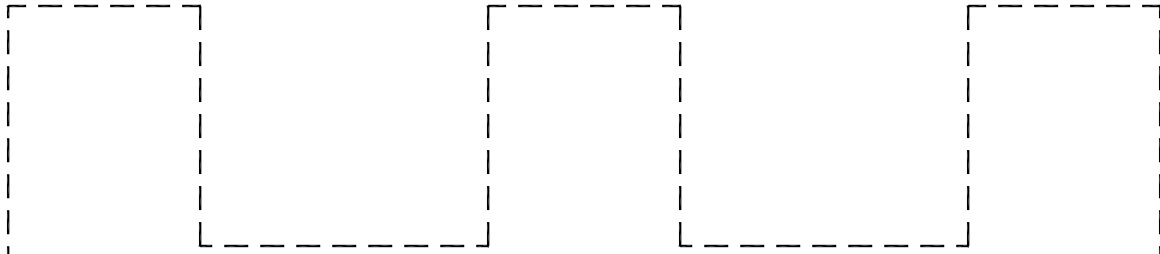
I want your team to explore the entire section, if it can be done safely, locate the missing miners and bring any live persons to the surface. Back up Mine Rescue teams are ready and available if you need assistance. I will be available if you need me and can call for more material if you need anything. You may begin when ready.

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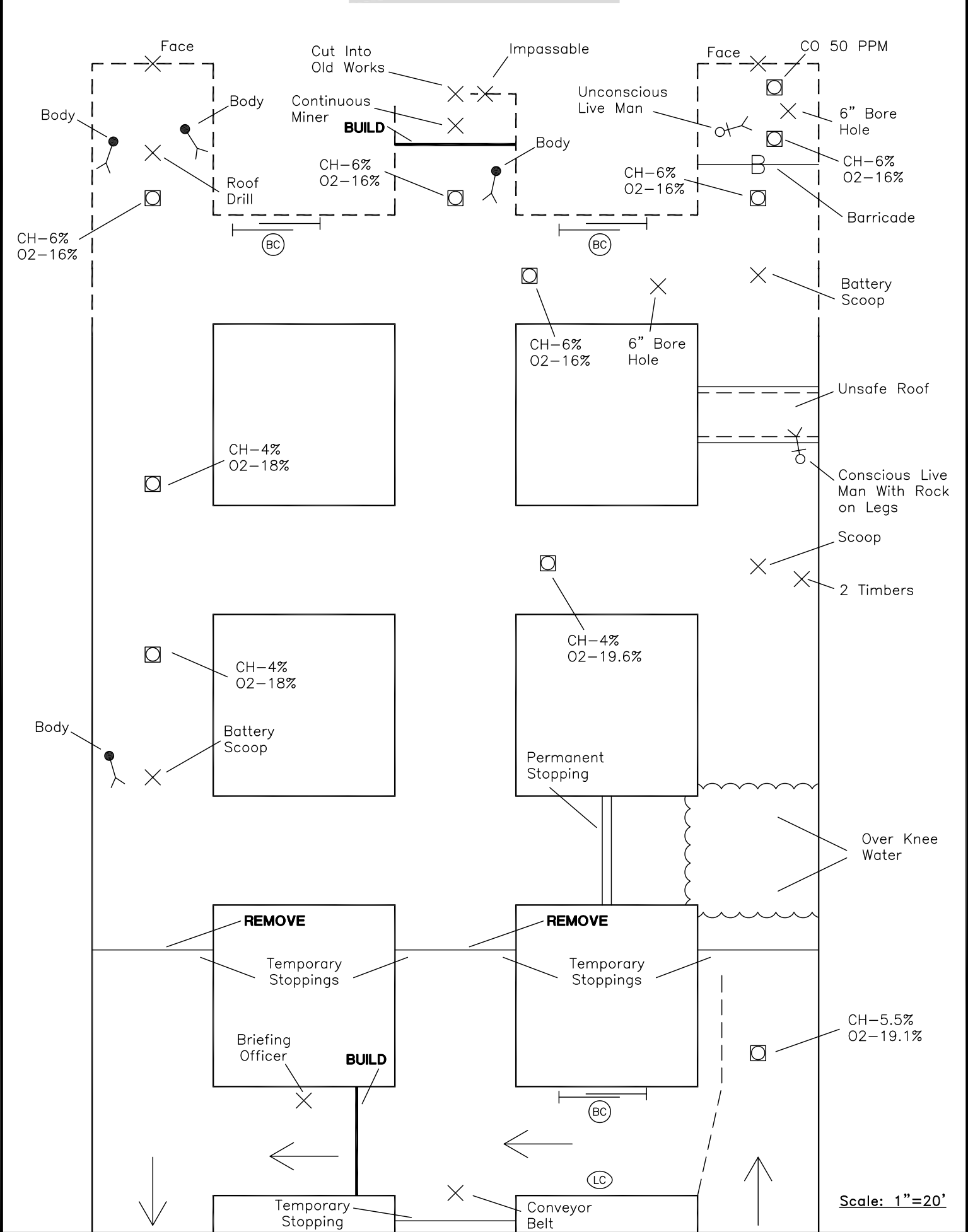
Statement to Team

An explosive mixture has been detected at the borehole in #3 entry so we will not drop any battery equipment into the mine.



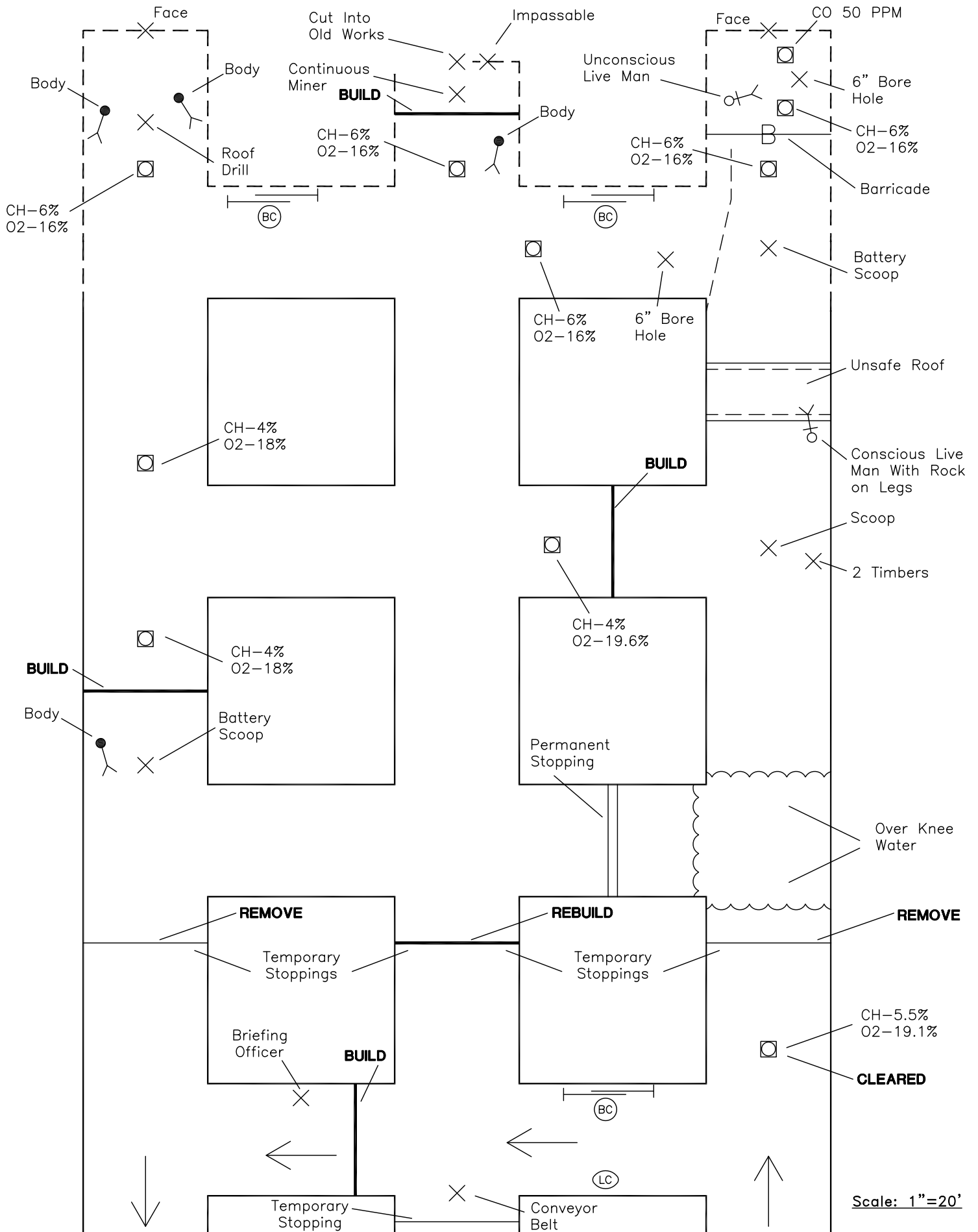
Scale: 1"=20'

1st VENTILATION

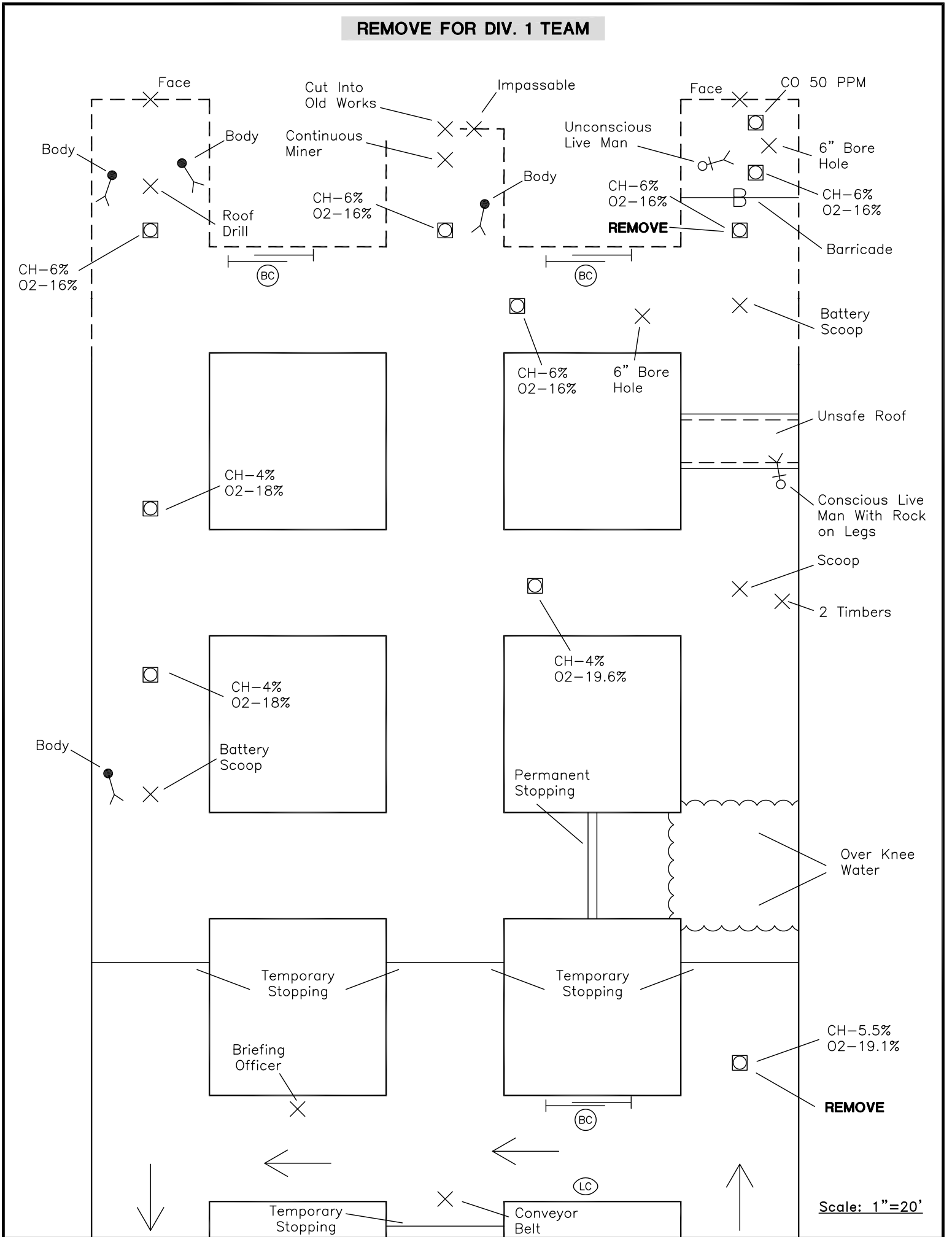


Scale: 1"=20'

2nd VENTILATION



REMOVE FOR DIV. 1 TEAM



Scale: 1"=20'