V – 2 – 23
Statement

Thanks you for answering the Mullins/Crouse Coal Company's call for assistance. We have had a problem at the mine and your assistance in urgently needed. When you arrive at the mine site you will be located at the surface area of a slope entry. The bottom area of the slope and two ventilation shafts were recently cut together and development out and around the bottom area was still in process before the mine could start developing out into the reserves. There are old mine working in this area where the new mine reserves are located.

Last night at 12:01am 4 men entered the mine to conduct cleanup and maintenance work around the slope bottom. At 5:00am one man exited the mine reporting that low oxygen had been detected near the bottom of the slope and the crew was feeling light headed. Several attempts to contact the missing miners have been unsuccessful.

During the shaft sinking process of the no. 1 ventilation shaft, a temporary exhaust fan was used during the development of the shaft. This fan is still in place on the return side of the shaft. This exhaust fan will only produce 50,000 cfm when turned on. This fan is presently off and is operational if needed.

A temporary blowing fan that was used to develop the No. 2 ventilation shaft is still located at the top of the no. 2 ventilation shaft. The no. 2 fan is presently off and is operational if needed. The no. 2 fan will produce 40,000 cfm when operating. When the no. 2 fan is off and the no. 1 fan is operating, intake air will enter the no. 2 ventilation shaft through the no. 2 fan. Automatic closing doors have not been installed on either fan.

All electrical power to the underground areas of the mine has been remove but is available to the fan(s) and pump switches located on the surface. If needed the fan(s) and pump switch can be started by contacting the Briefing Officer located on the surface.

The mine maps have not been updated.

A back-up mine rescue team is available.

V – 2 – 23
Statement

We have a competent lifeline attendant available.

Two blank maps and the team's written instruction will be provided when you are ready to begin work.

V-2-23
Team Instructions
Problem

- Account for all missing miners.
- After the team starts the mine fan(s) they cannot be stopped, stalled or reversed
- The team cannot move any ventilation control that's anchored to the ground.
- Team must identify all missing persons by recording their name on the team map after captain examines the missing person.
- An area of roof water was reported inby the slope bottom by one of the men early last night, this area of water requires a stationary pump to operate continuously. The water in the area will roof immediately if the pump is not operating.
- During the development of the slope entry, a methane bleeder was encountered in the mine floor. Attempts to grout the bleeder were unsuccessful. It has been determined that 50,000 cfm of ventilation must be maintained in the slope entry to keep the methane levels below an explosive mixture. If the ventilation quantity is not maintained at 50,000 cfm, the methane levels in the slope will immediately accumulate to an explosive mixture. When 50,000 cfm is established in the slope entry, the airflow cannot be decrease below 50,000 cfm.
- A time limit of 95 minutes has been established for this problem. The team will be advised 10 minutes prior to this time limit expiring

Virginia Mining Institute
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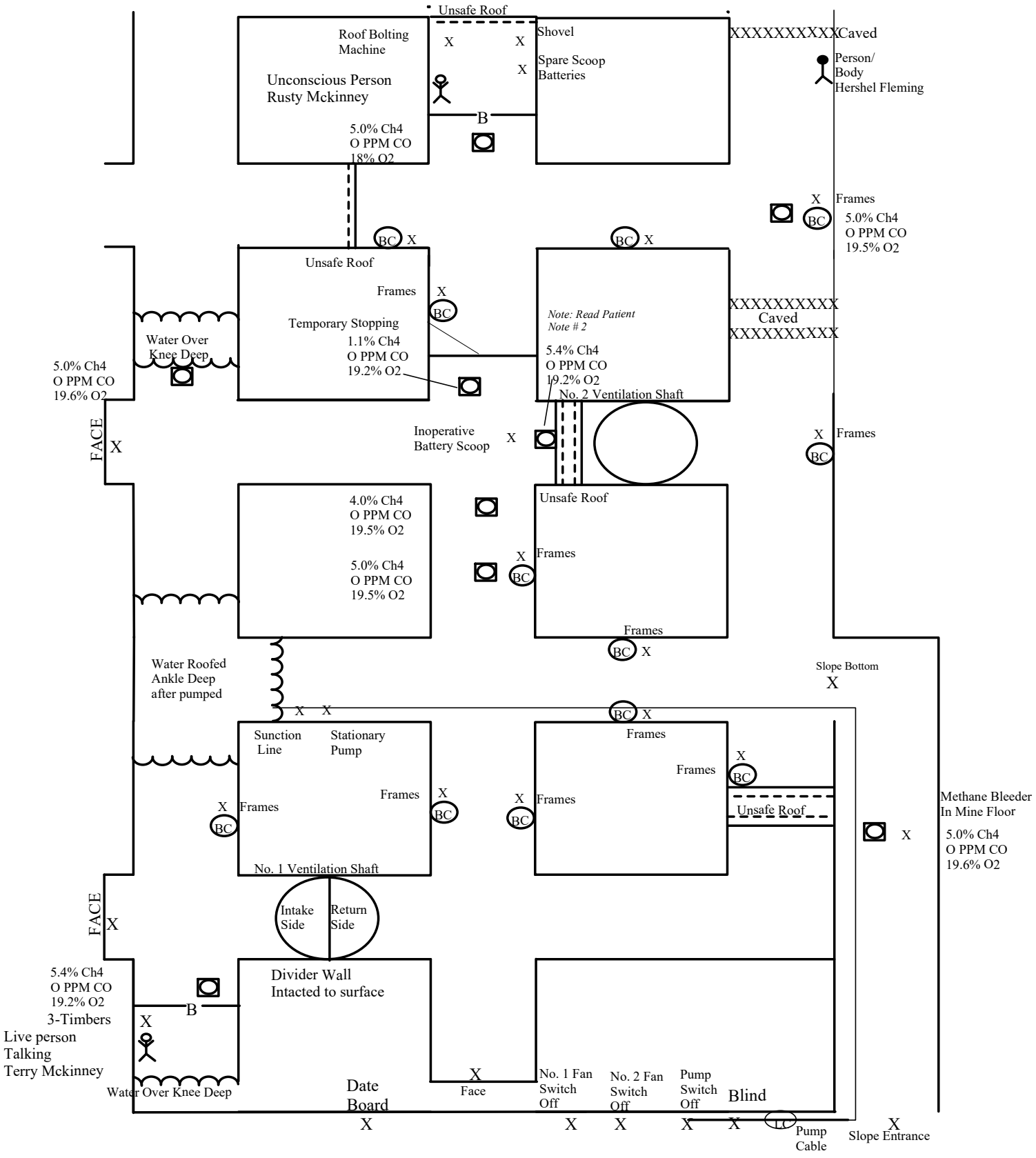
2023



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V- 2 – 23
Patient Note #2
Patient " Terry Mckinney "Behind Barricade Top end # 3 Right

" Help, Help, get me out. I Have water Over Knee Deep Behind Me……. "

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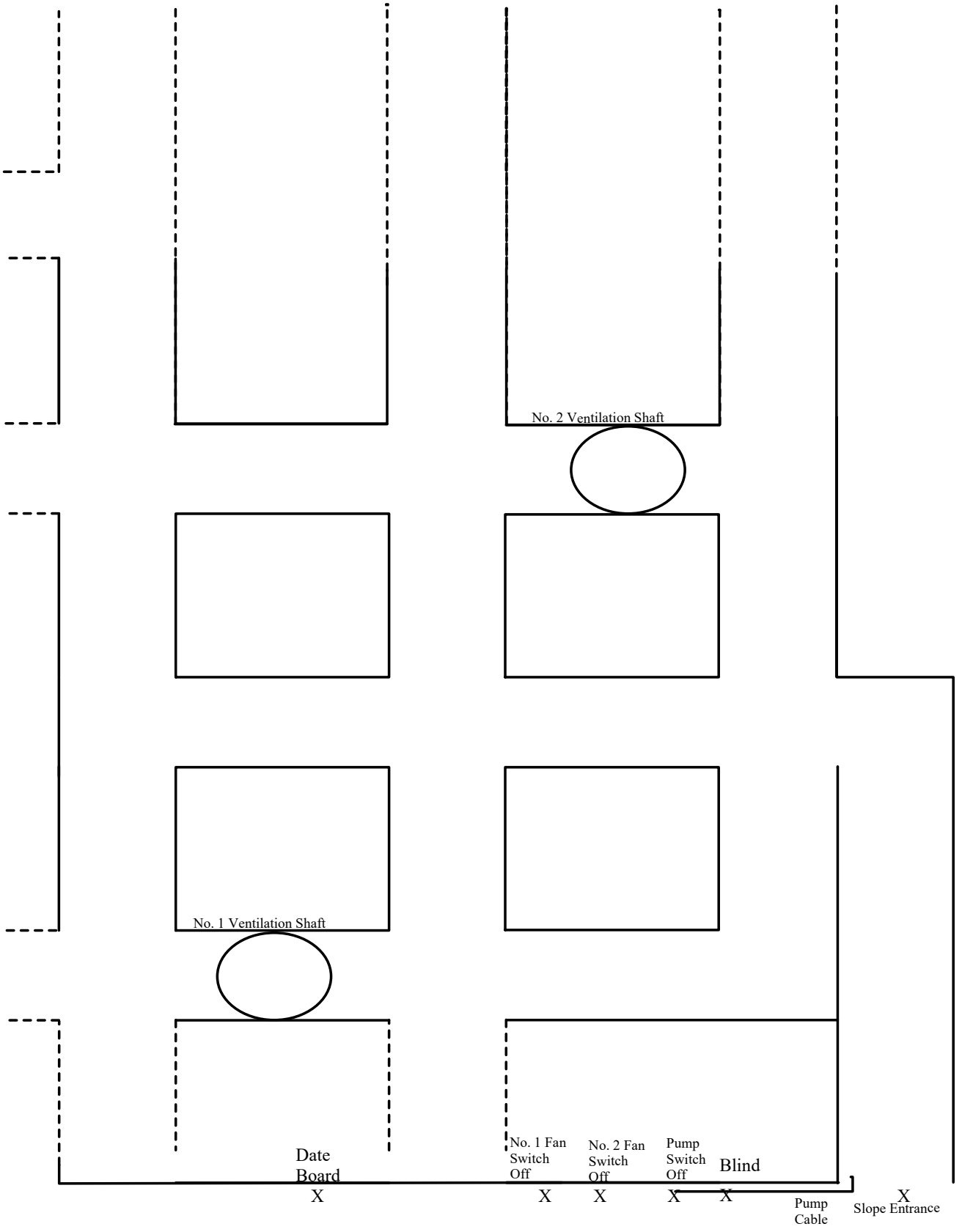
TeamMap
B.O. Map



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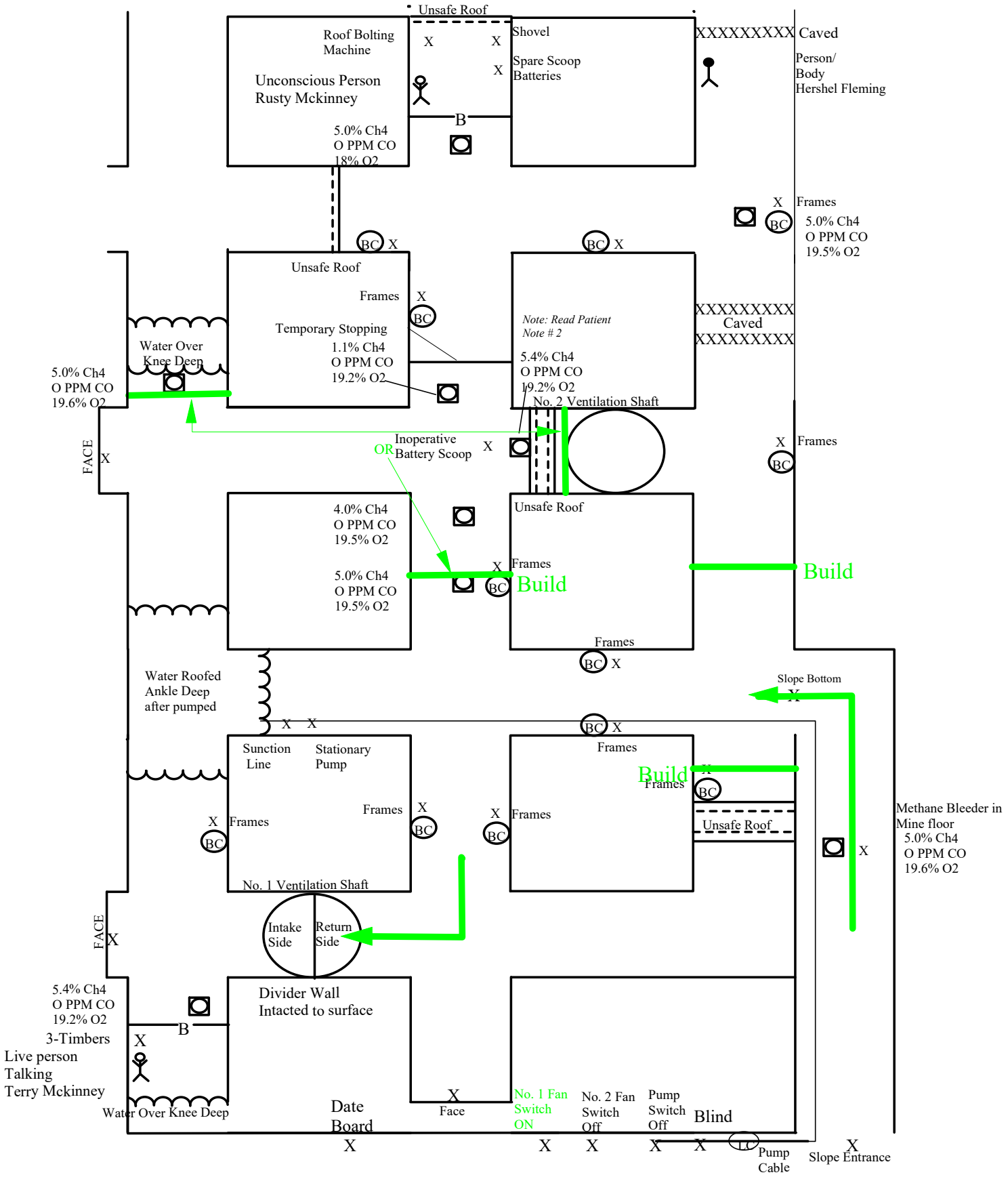
First ventilation



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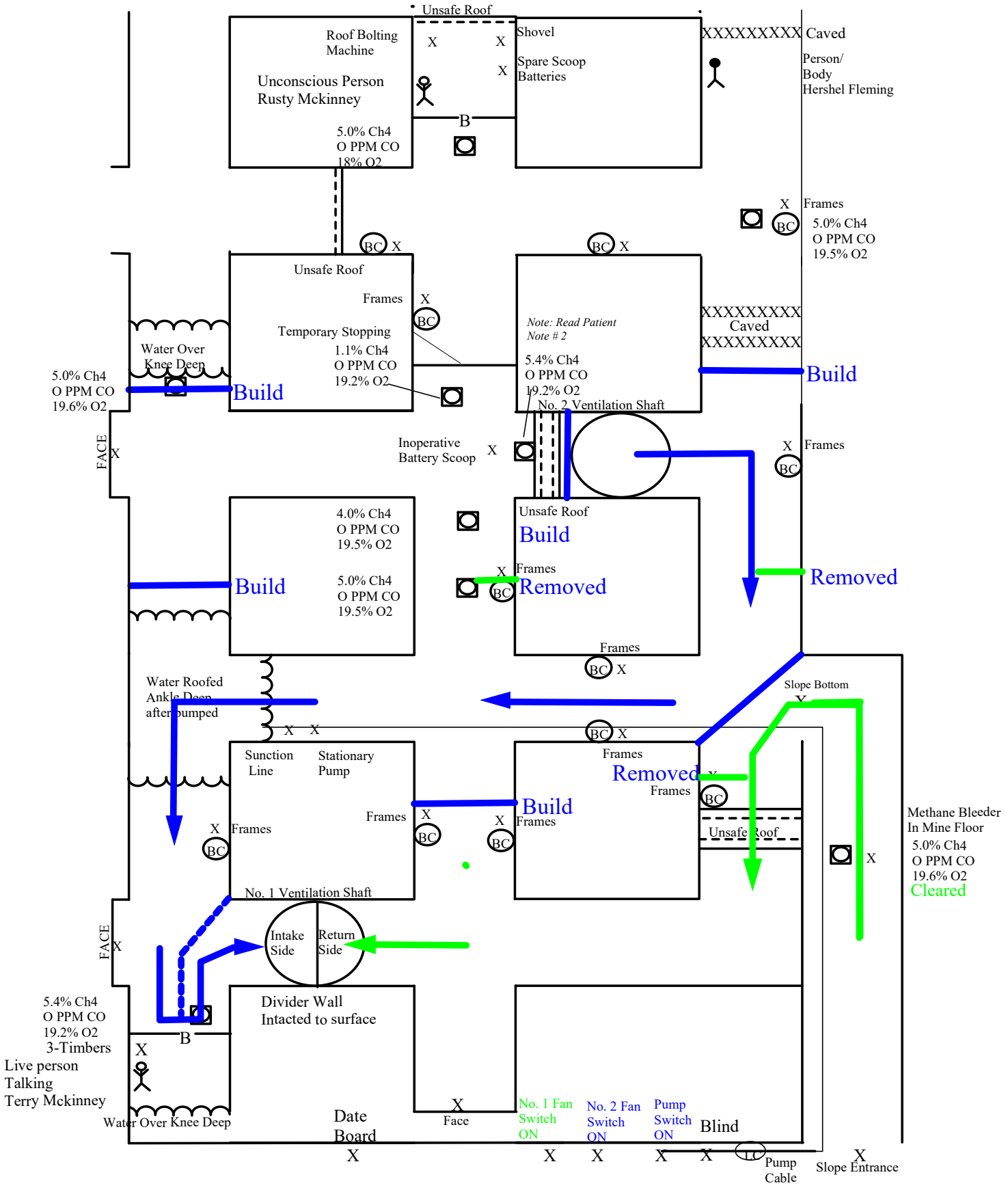
Second ventilation



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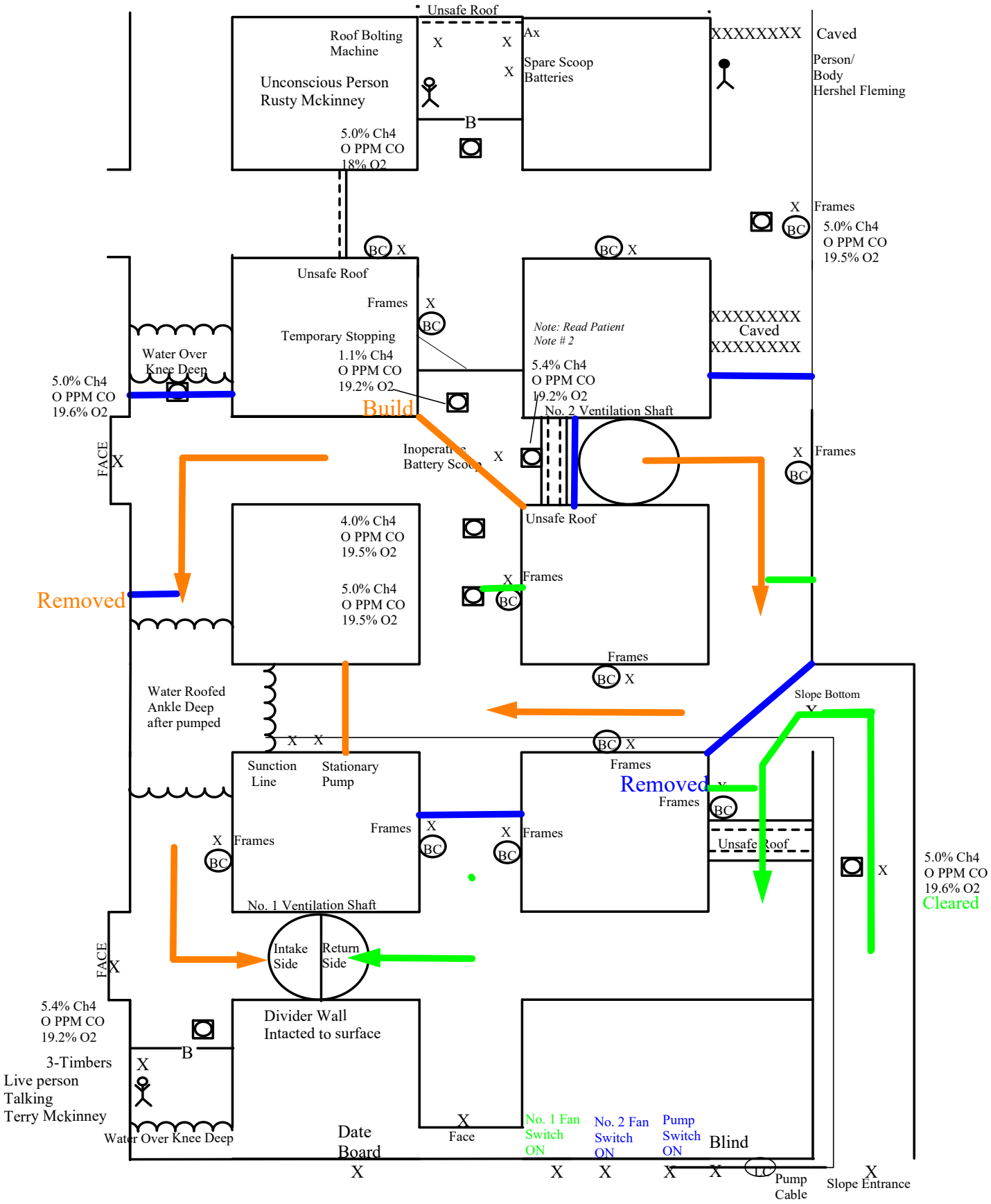
Third ventilation



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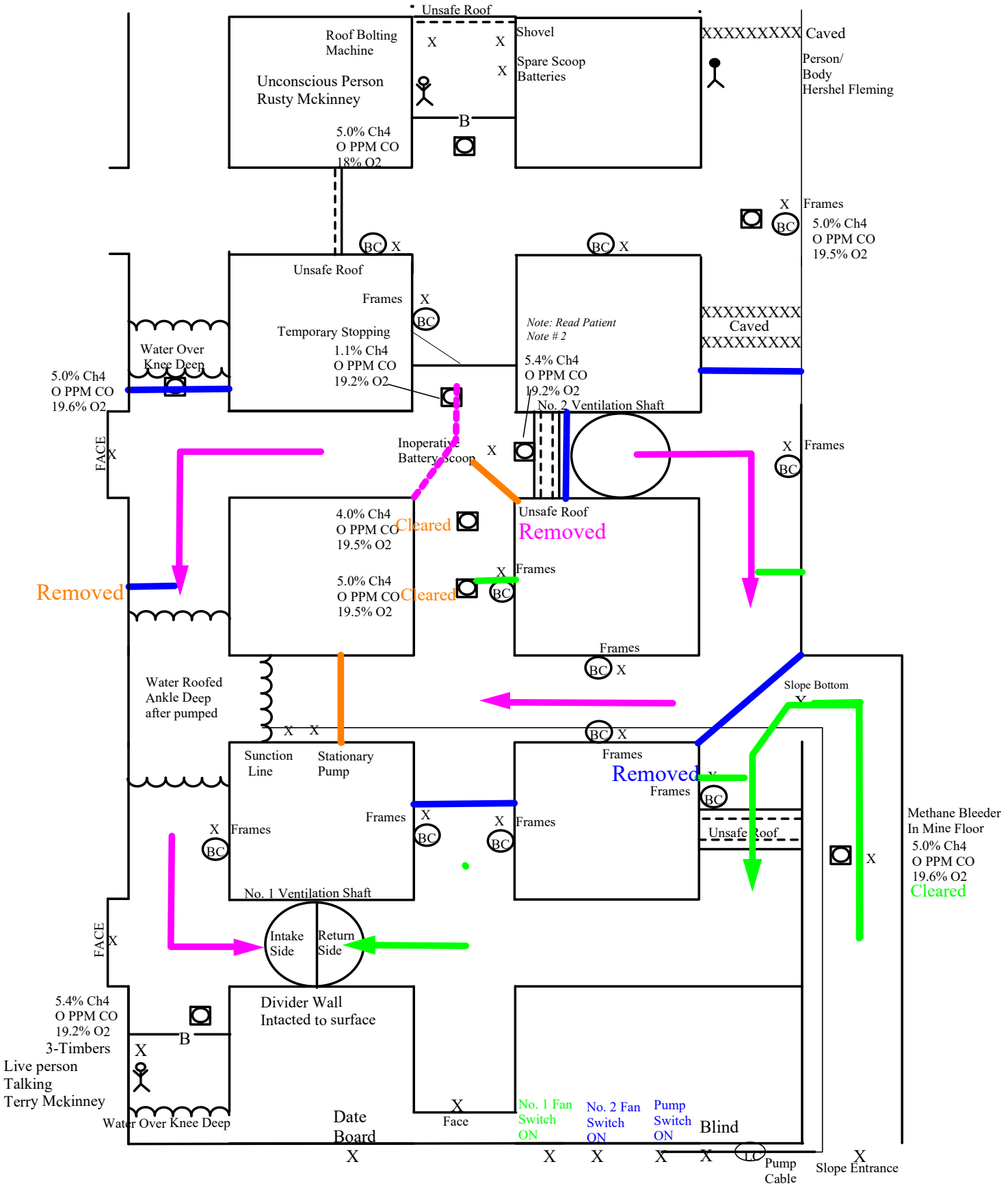
Fourth ventilation



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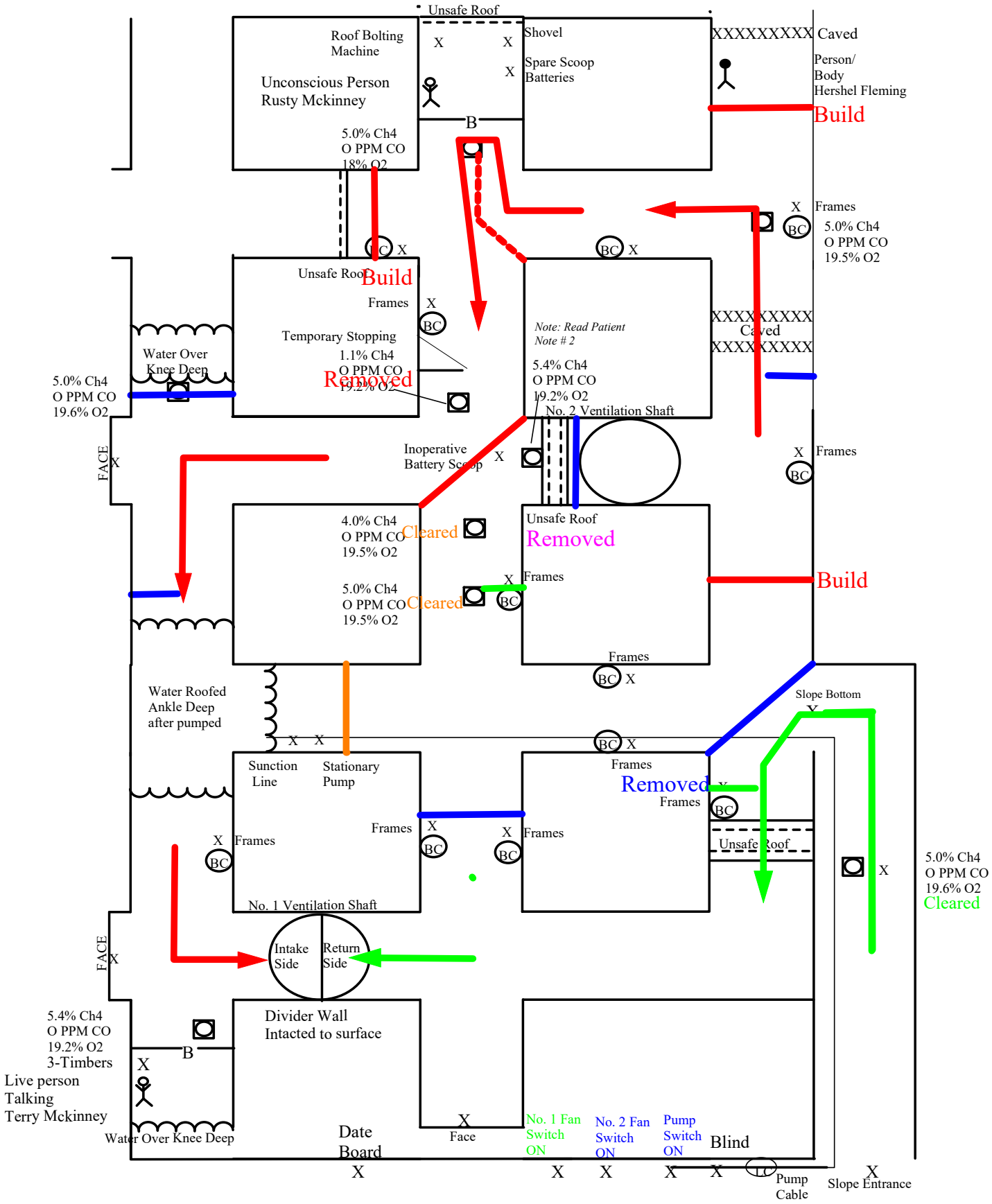
Fifth ventilation



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