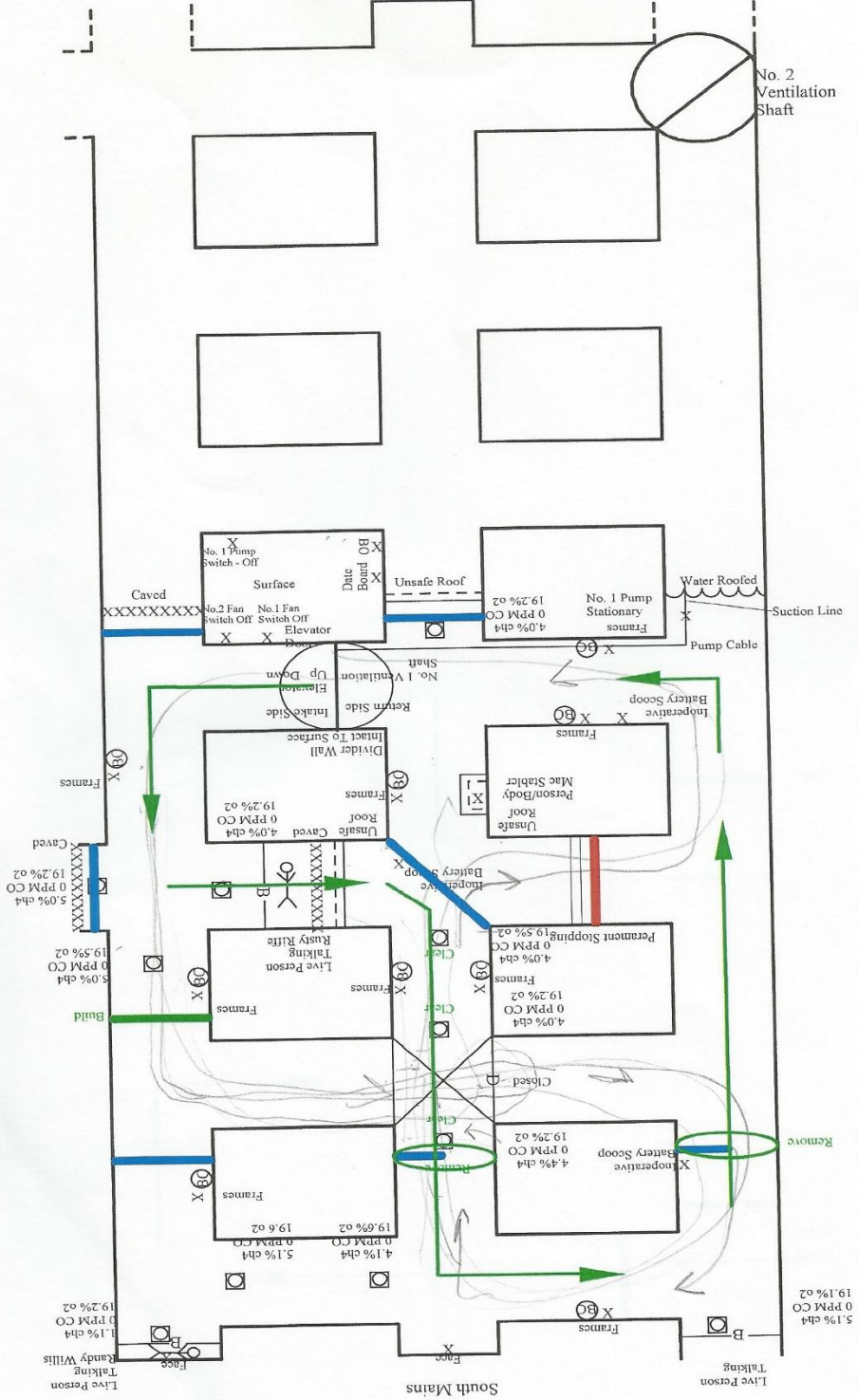


Third Ventilation

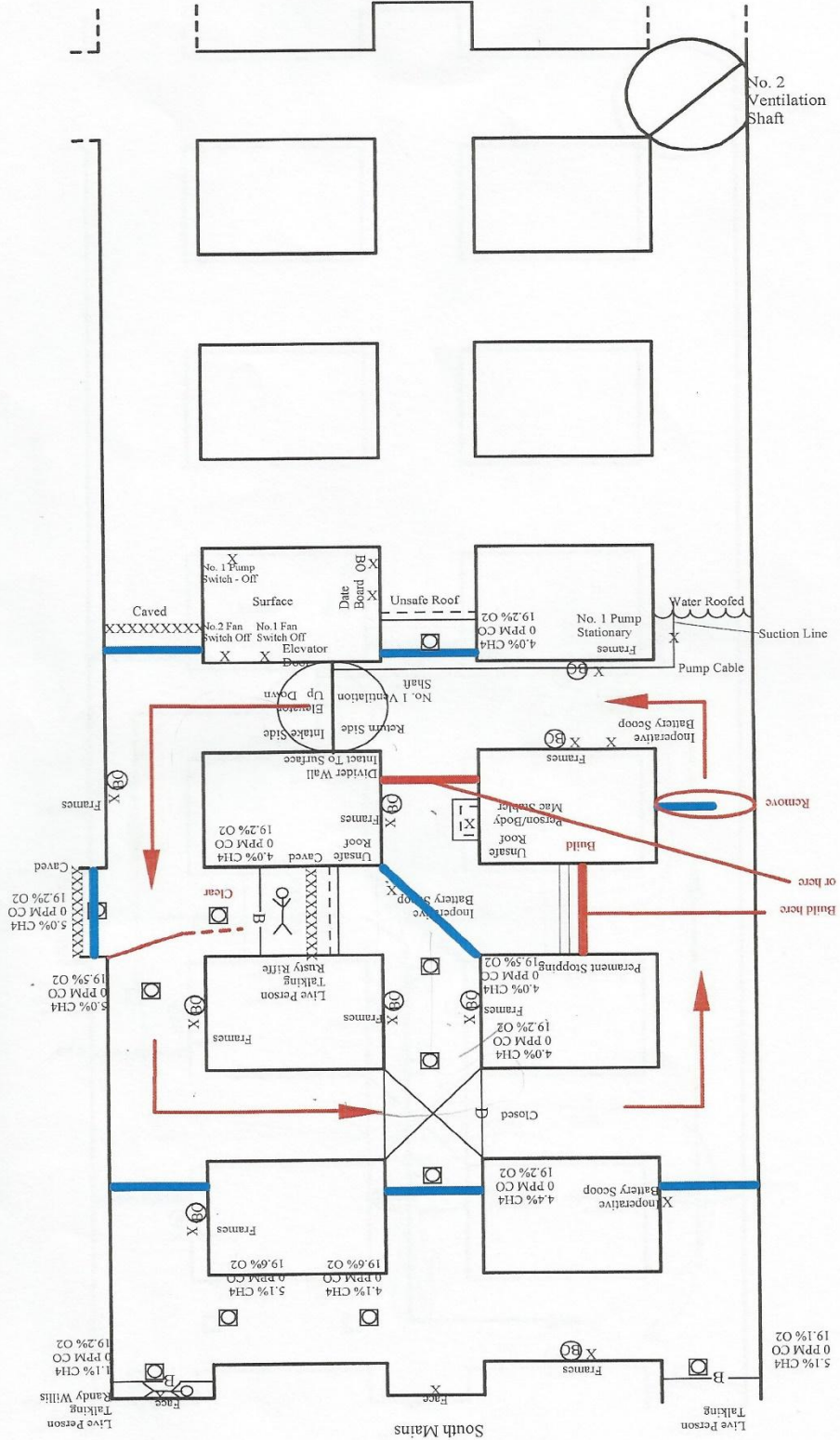
Virginia Mining Institute
V - 1 - 17
North Mains



Second Ventilation

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North Mains

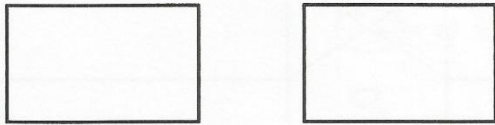
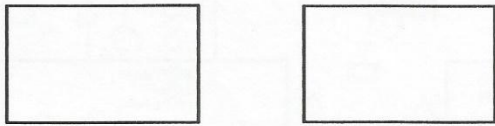
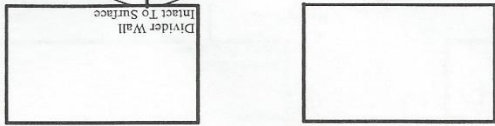
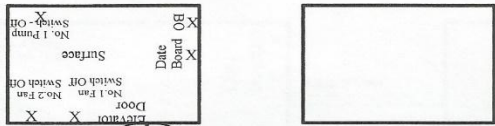
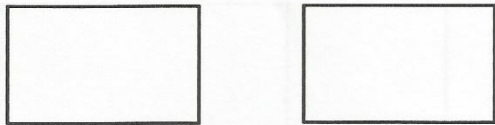
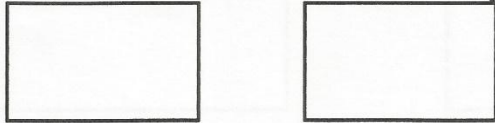


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V - 1 - 17

Team Map
Team No. _____

North Mains

No. 2
Ventilation
Shaft



South Mains

No. 1 Pump
Switch - Off X
Surface
No. 1 Fan Switch Off
No. 2 Fan Switch Off
Door X
Lift
X

Date Board
X

No. 1 Ventilation Shaft
Elevation
Up Down
Return Side
Intake Side

Divider Wall
Intact To Surface

Scale: 1" = 10'

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V- 1 – 17

Team Note # 1

**(When team brings live person Randy Willis to the surface –
Give Captain Team note # 1)**

**“Your time underground Today is
Completed,**”

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Patient Note # 3

(Patient Behind barricade No. 1 entry)

“ Help, Help, get me out.....

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Patient Note # 2

(Patient “Randy Willis “Behind barricade No. 3 entry)

“ Help, Help, get me out.....

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V- 1 – 17

Patient Note #1

**(Patient “Rusty Riffe “Behind barricade at Caved area
between No. 1 and 2 entry)**

**“ Help, Help, get me out..... I have a
Caved Area Behind me”**

V-1-17
Team Instructions
Problem

- Rescue all live persons and bring them to the surface.
- Account for all missing miners.
- After the team starts a mine fan(s) they cannot be stopped or reversed.
- The team cannot move any ventilation control that's anchored to the ground.
- A time limit of 90 minutes has been established for this problem. The team will be advised 10 minutes prior to this time limit expiring

**V-1-17
Statement**

The mine does liberate methane gas. Poor roof conditions have been encountered at times and some water accumulation has occurred from time to time.

All electrical power to the underground area of the mine has been de-energized and locked out, power is supplied to the fan and pump switches located on the surface near the mine entrance in the command center.

The power cable to the no. 1 pump is presently being repaired, when it is fixed and ready for use you will be notified.

The mine map is not up to date; when more information is obtained you will be notified.

Both agencies have been notified and are present.

A backup mine rescue team is present to act as your back up

We have a competent life line judge available (point out). Two blank maps and the team's written instruction will be provided when you are ready to begin work.

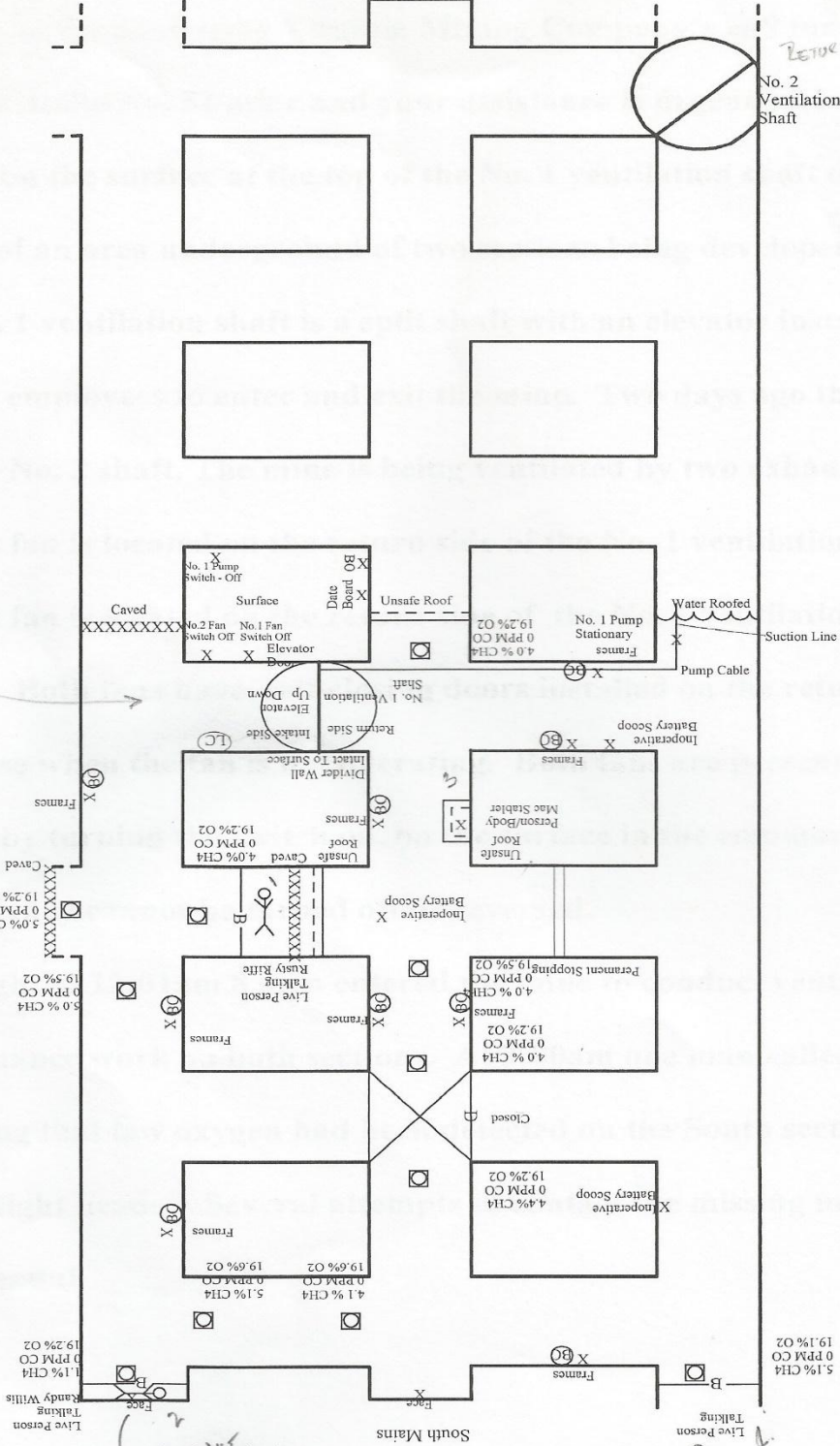
**V-1-17
Statement**

Thank you for answering Virginia Mining Company's call for help. We have had a problem at the No. 52 mine and your assistance is urgently needed. You will be located on the surface at the top of the No. 1 ventilation shaft of a new mine which consist of an area underground of two sections being developed North and South. The No. 1 ventilation shaft is a split shaft with an elevator installed on the intake side for employees to enter and exit the mine. Two days ago the North section cut into the No. 2 shaft. The mine is being ventilated by two exhaust fans, the No. 1 exhaust fan is located on the return side of the No. 1 ventilation shaft, and the No. 2 exhaust fan is located on the return side of the No. 2 ventilation shaft on the North section. Both fans have self-closing doors installed on the return sides of the shaft that close when the fan is not operating. Both fans are presently off and can be started by turning the switch on, on the surface in the command center. When started, they cannot be turned off or reversed.

Last night at 12:01am 8 men entered the mine to conduct ventilation and maintenance work on both sections. At 3:00am one man called the surface reporting that low oxygen had been detected on the South section and the crew was feeling light headed. Several attempts to contact the missing miners have been unsuccessful.

Day 1 BLACKSBURG

Virginia Mining Institute
V - 1 - 17
North Mains



RETURN NORTH SECTION

No. 2 Ventilation Shaft

Suction Line

Pump Cable

Water Roofed

Unsafe Roof

Unsafe

Unsafe

Closed

Operative

Frames

Frames

Frames

Frames

Frames

Frames

Frames

Get Surface gate on shaft

Timbers
Leave 2 men in mine when clocked out

↑
10/13

Get him out there
10/13

X