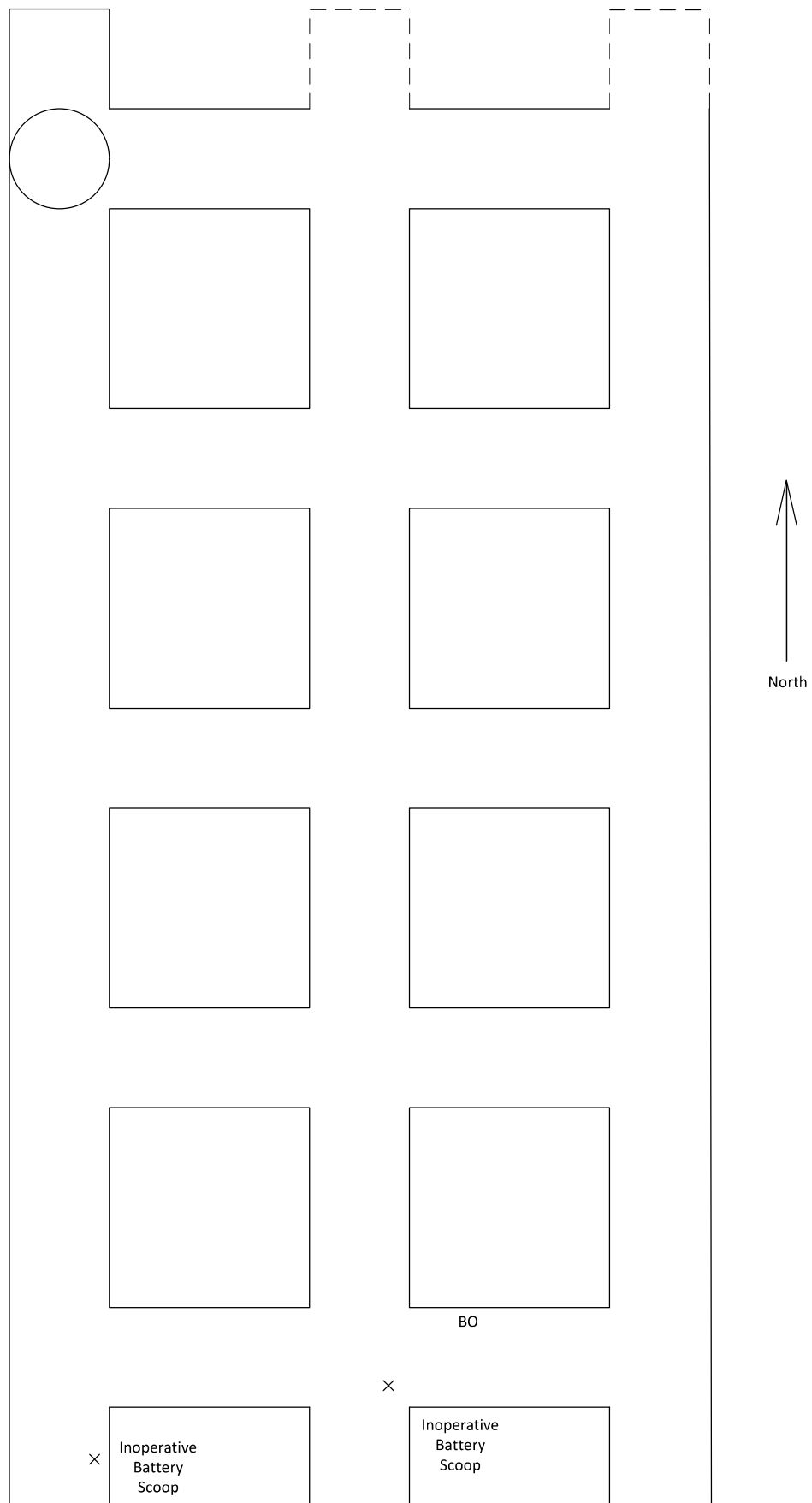


POST 7



Statement

Thank you for answering our call for help. You are located in the FAB that was established by a previous team.

The mine is normally ventilated by an exhaust fan which is located at the mine's drift portals. The fan is equipped with automatic closing doors when the fan is not running. Air intakes in the no. 2 entry and returns in the no. 1 and no. 3 entries. The no. 1 and no. 3 entries are connected by an overcast near the surface. The Mine Fan is currently off but can be started by contacting the Command Center. The mine recently cut into an intake air shaft which will be shown on your mine map. Electrical power to the underground area of the mine has been de-energized and locked out on the surface but can be energized by contacting the Command Center. Mining is in the northern direction.

Last night at 12:01 AM, four miners entered the mine to perform maintenance and roof bolting operations on the working section. At 2:00 AM, one of the miners contacted the surface and reported a fire on the section. The outside person has since been unable to contact the section crew. Subsequent attempts to contact the miners have been unsuccessful. The mine has a history of methane, bad roof, and water. The mine maps are not up to date. Both agencies have been notified and are present. A backup mine rescue team is present. Two blank maps and the team's written instructions will be provided when you are ready to begin working.

Team Instructions Problem

- Explore all parts of the mine that can be safely explored.
- The mine fan can only be run in exhaust mode.
- At each apparatus check, including the initial check, the name of the team member with the lowest oxygen level and the oxygen level must be called out to the command center (briefing officer if there is no command center attendant) prior to the team moving from that team stop.
- 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.

Note No. 1

(Live Person Behind Barricade in no. 1 Heading inby FAB)

“Help, get me out.”

Note No. 2

(Inside Lunch Pail)

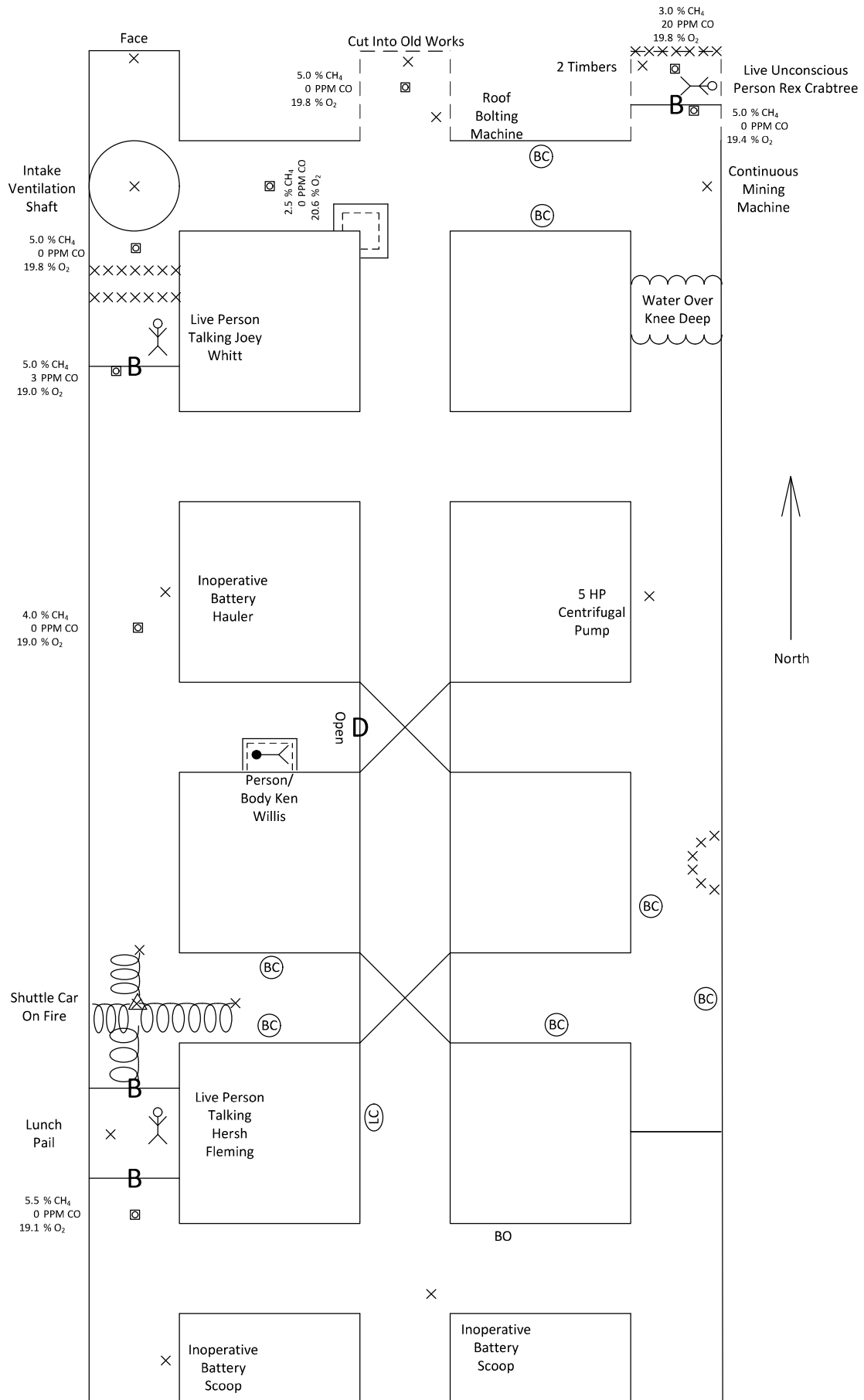
“Hurry home.”

Note No. 3

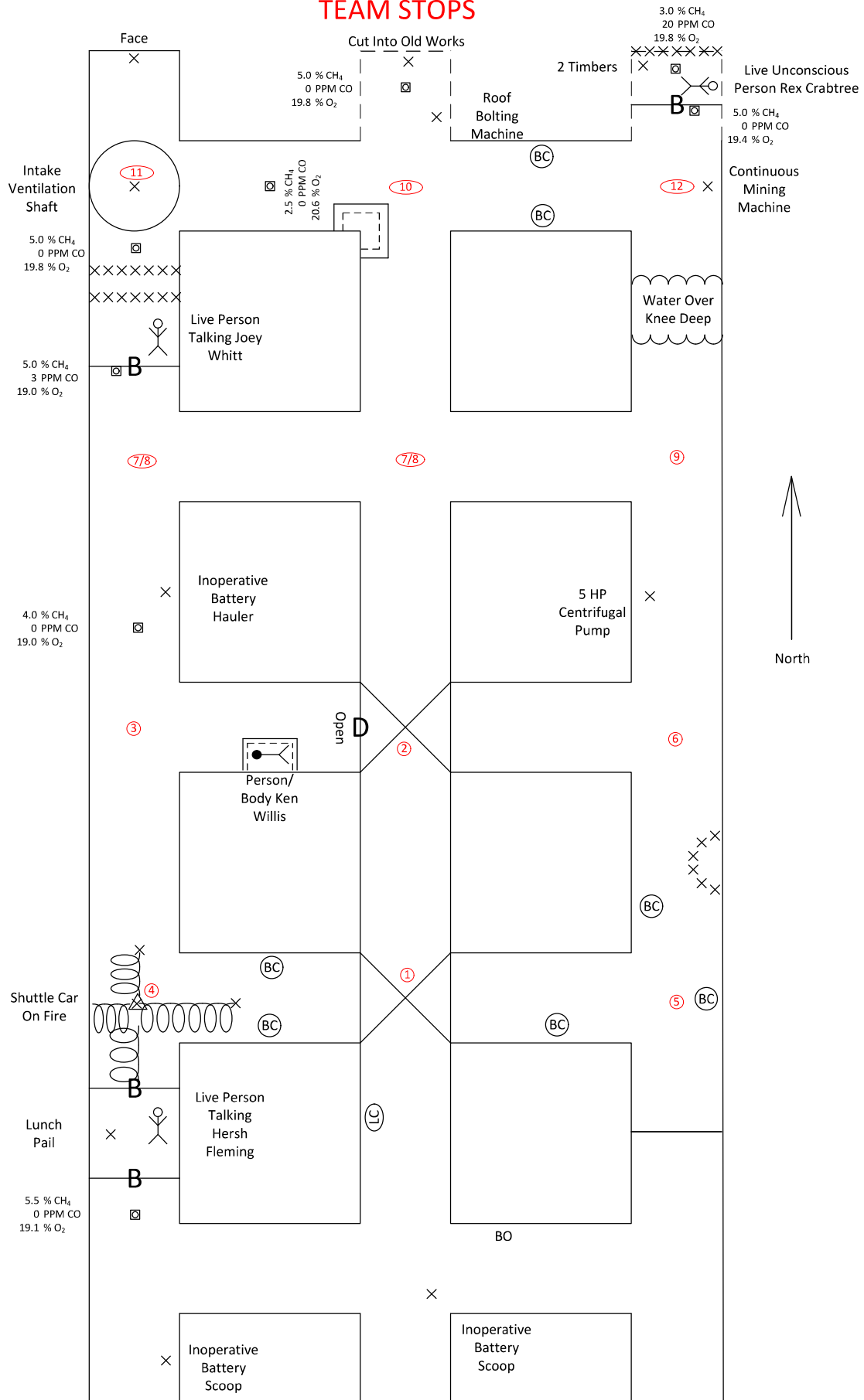
**(Live Person Behind Barricade in no. 1 Heading, Just Outby
Airshaft)**

“Help, get me out.”

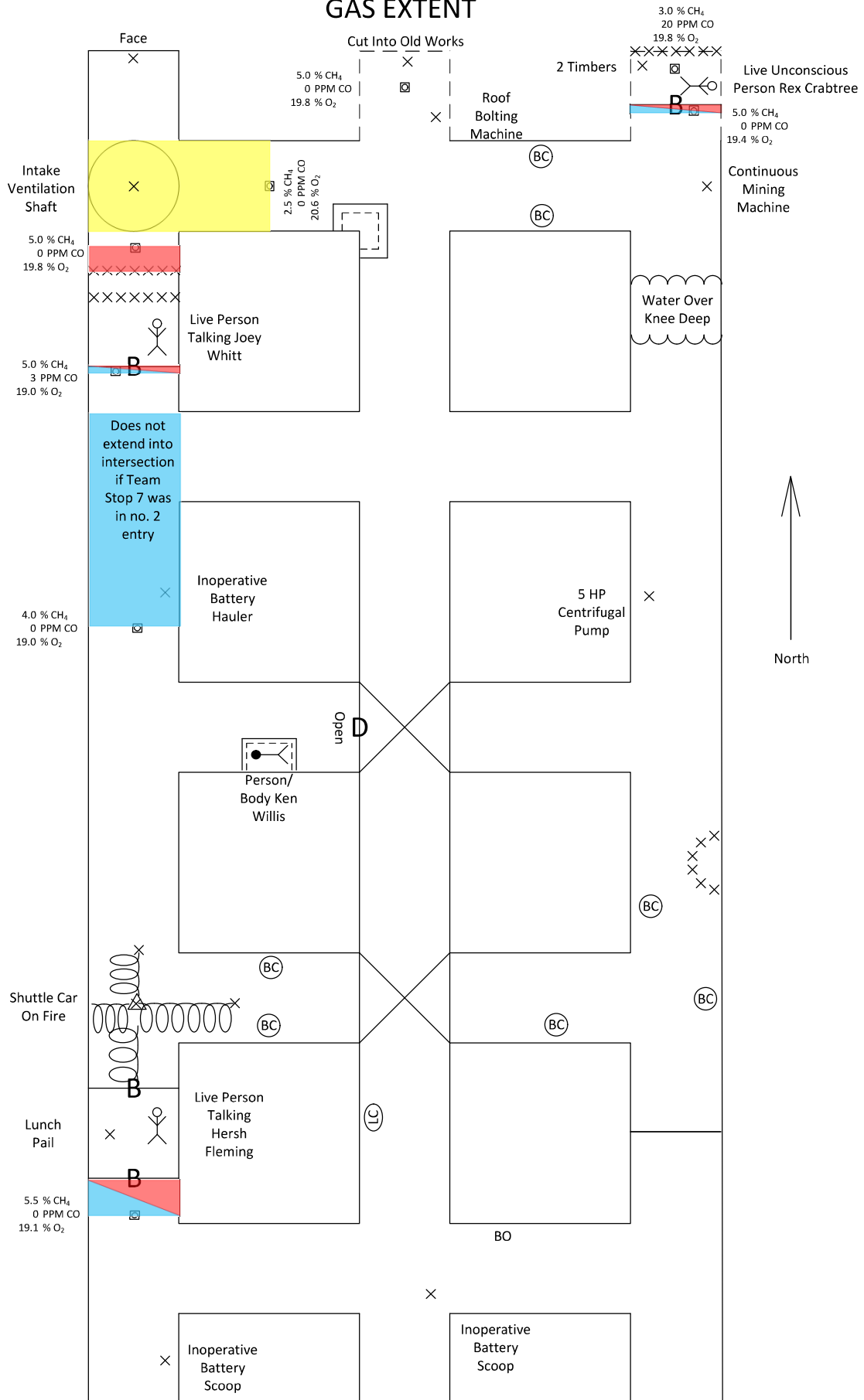
POST 7



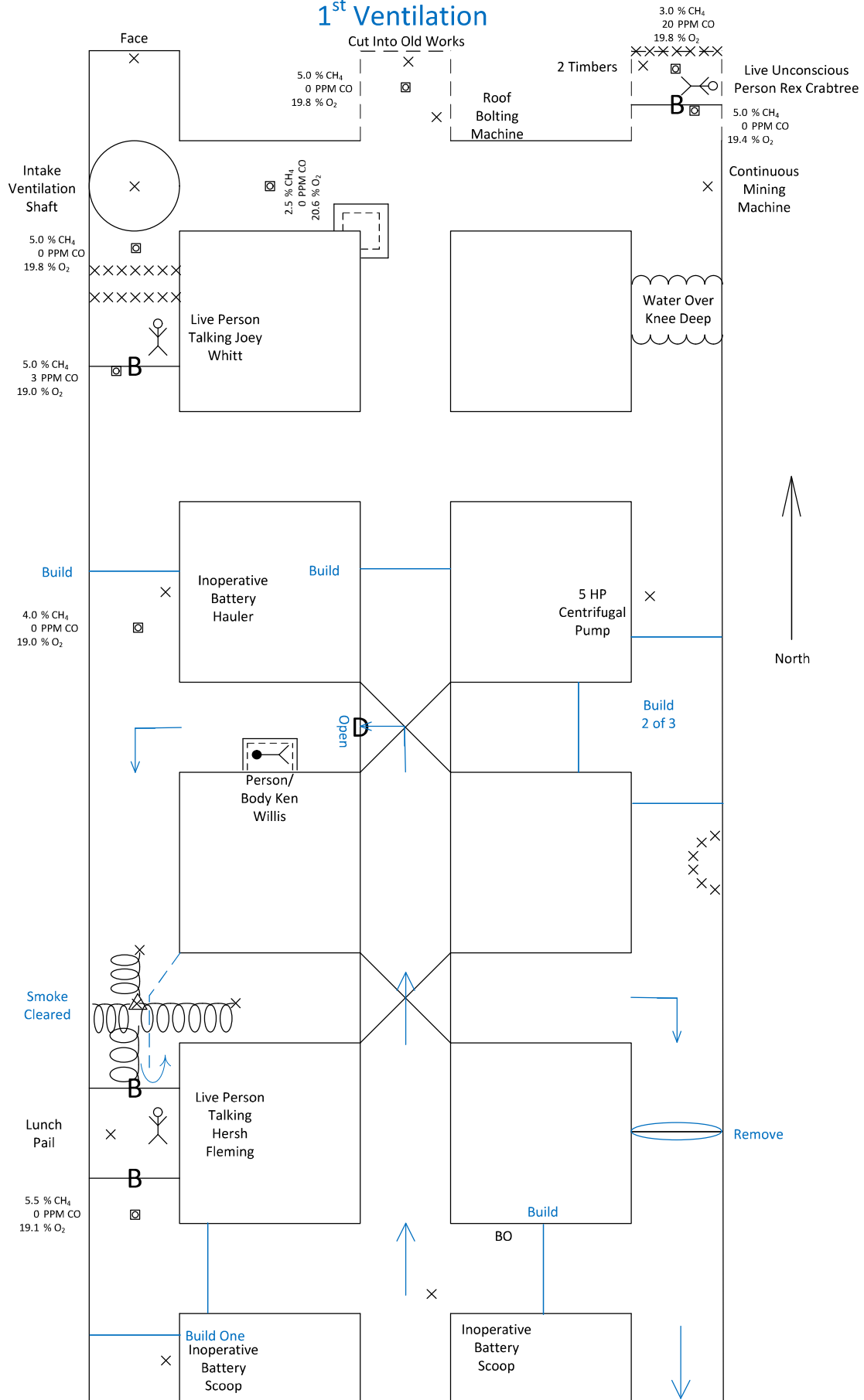
POST 7 TEAM STOPS



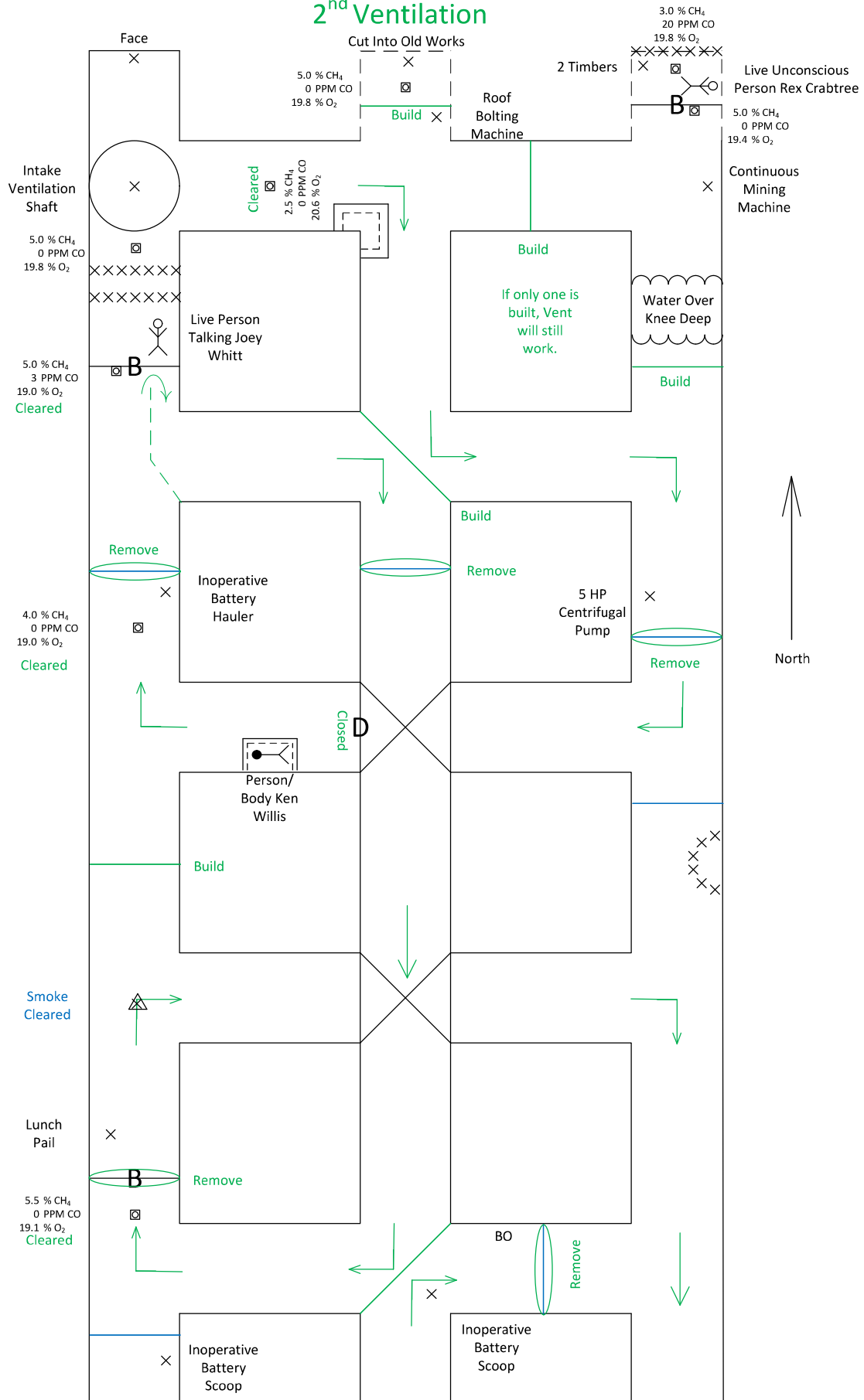
POST 7 GAS EXTENT



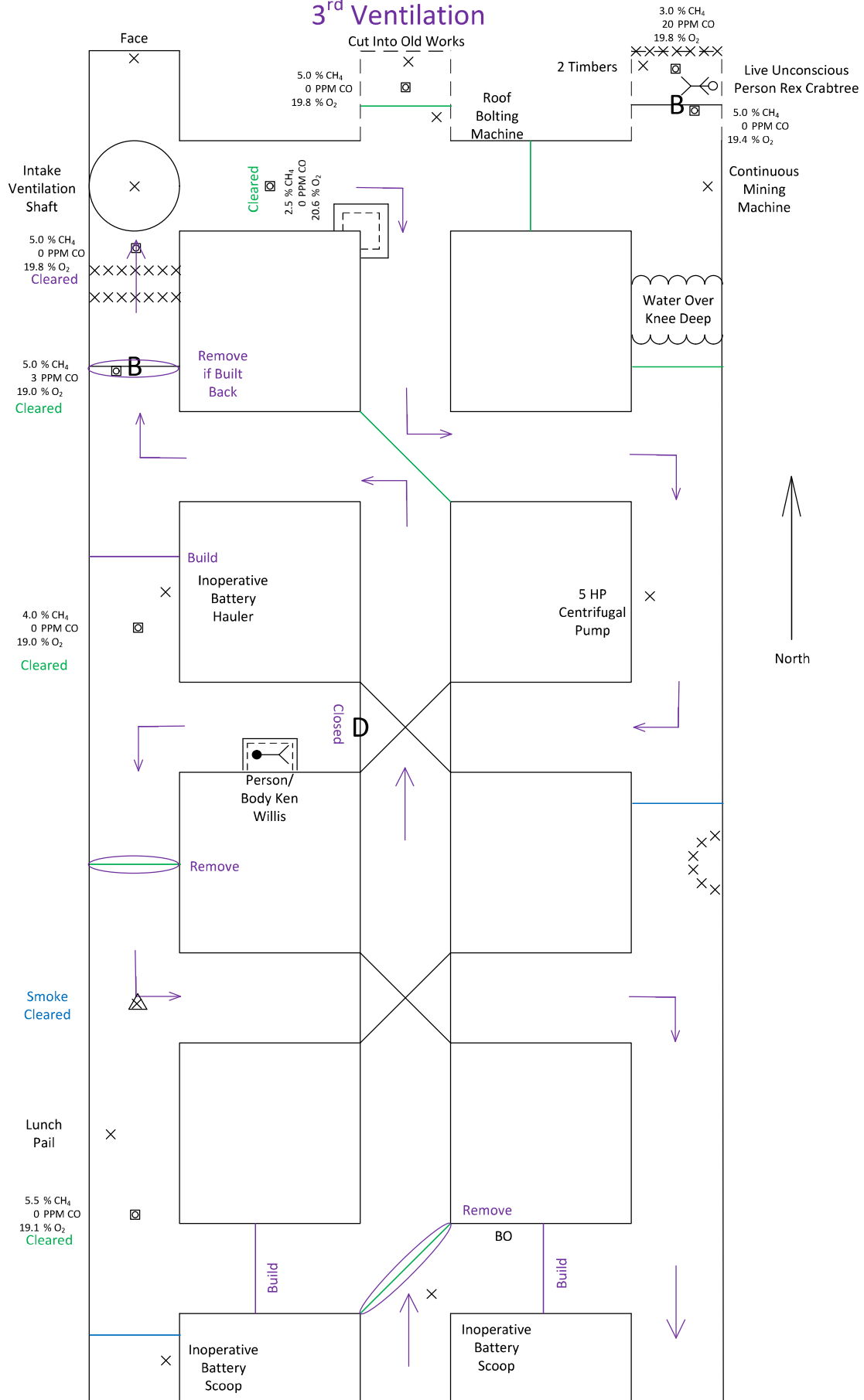
1st Ventilation



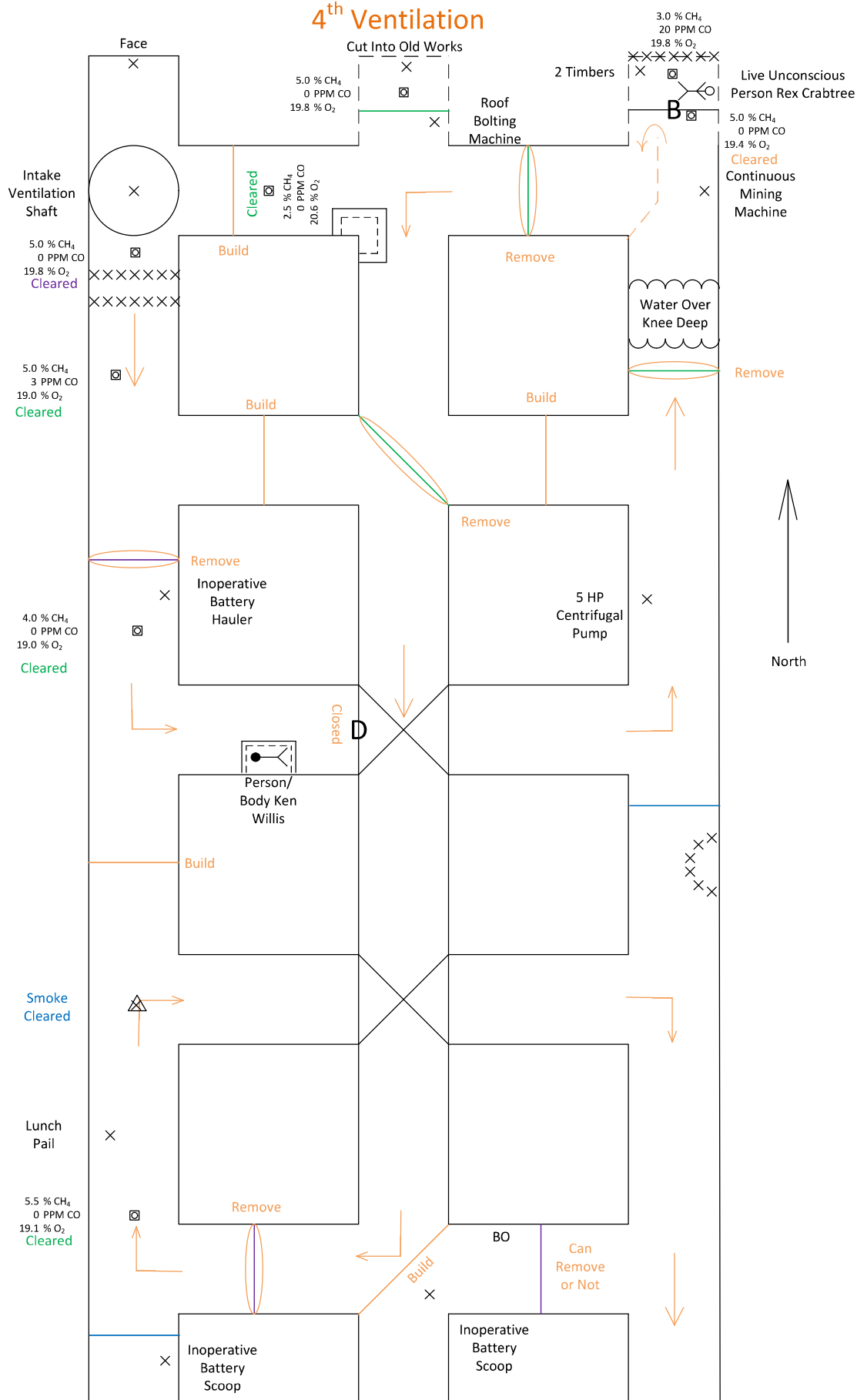
2nd Ventilation



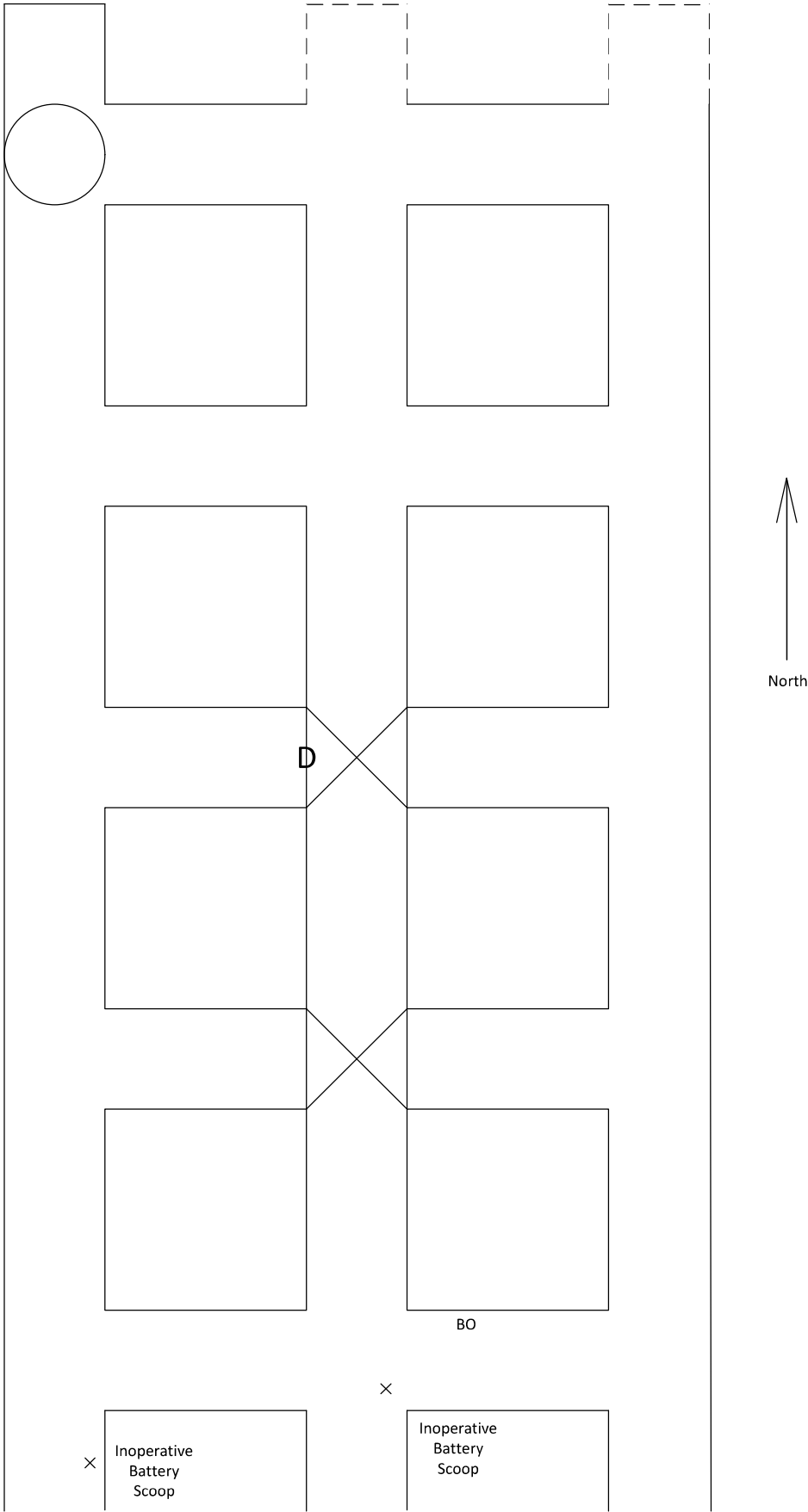
3rd Ventilation



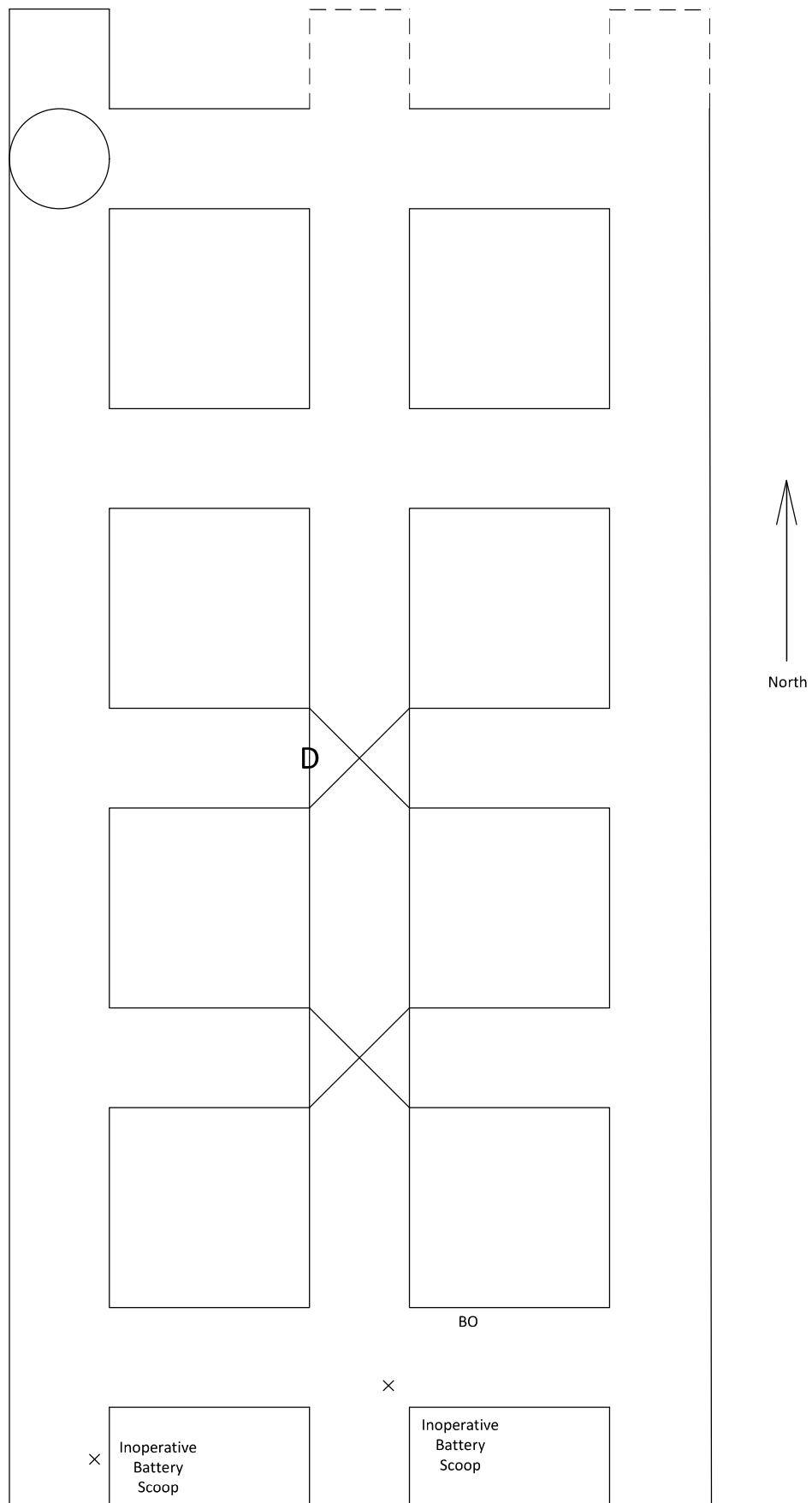
4th Ventilation



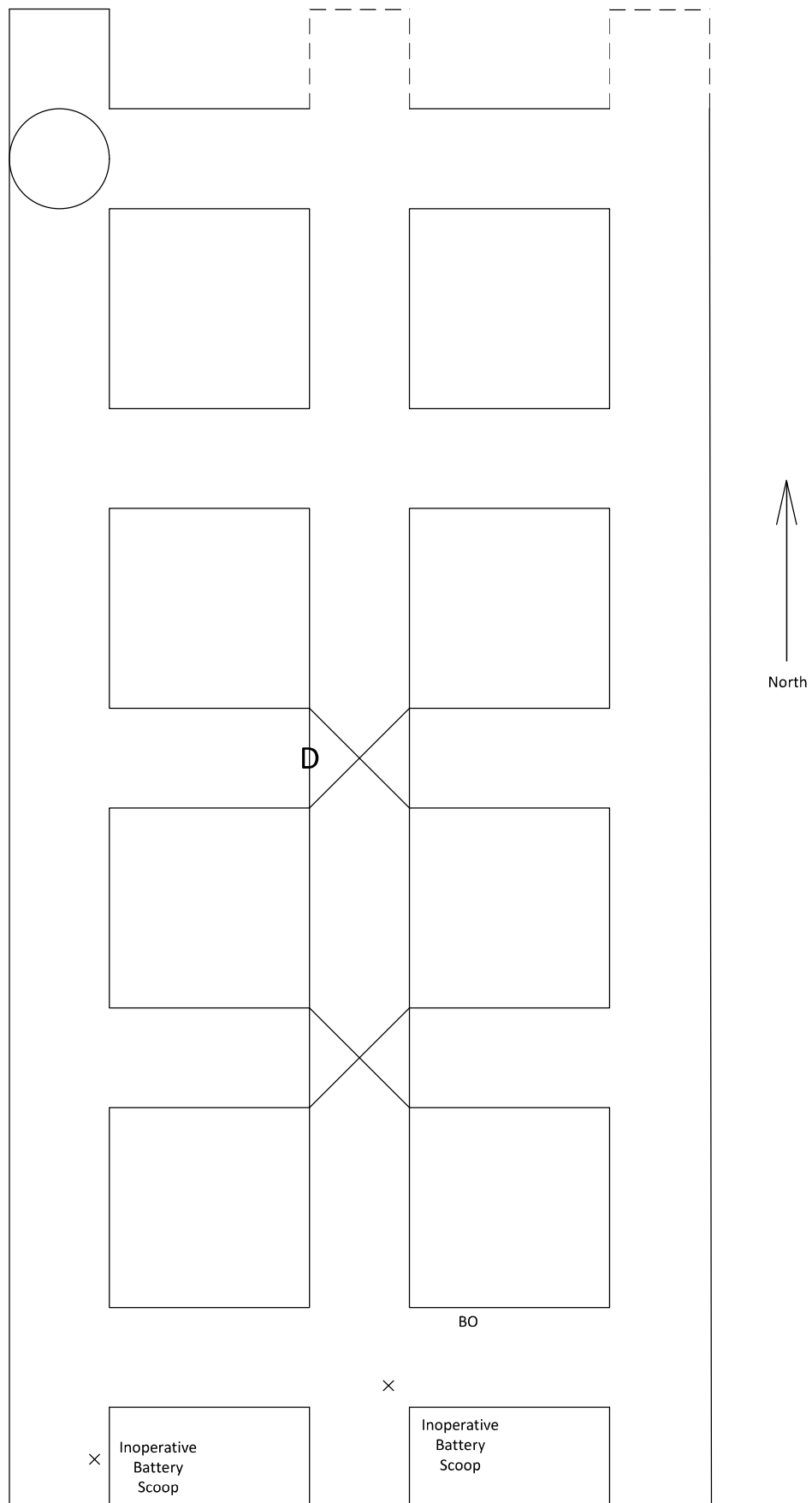
POST 7



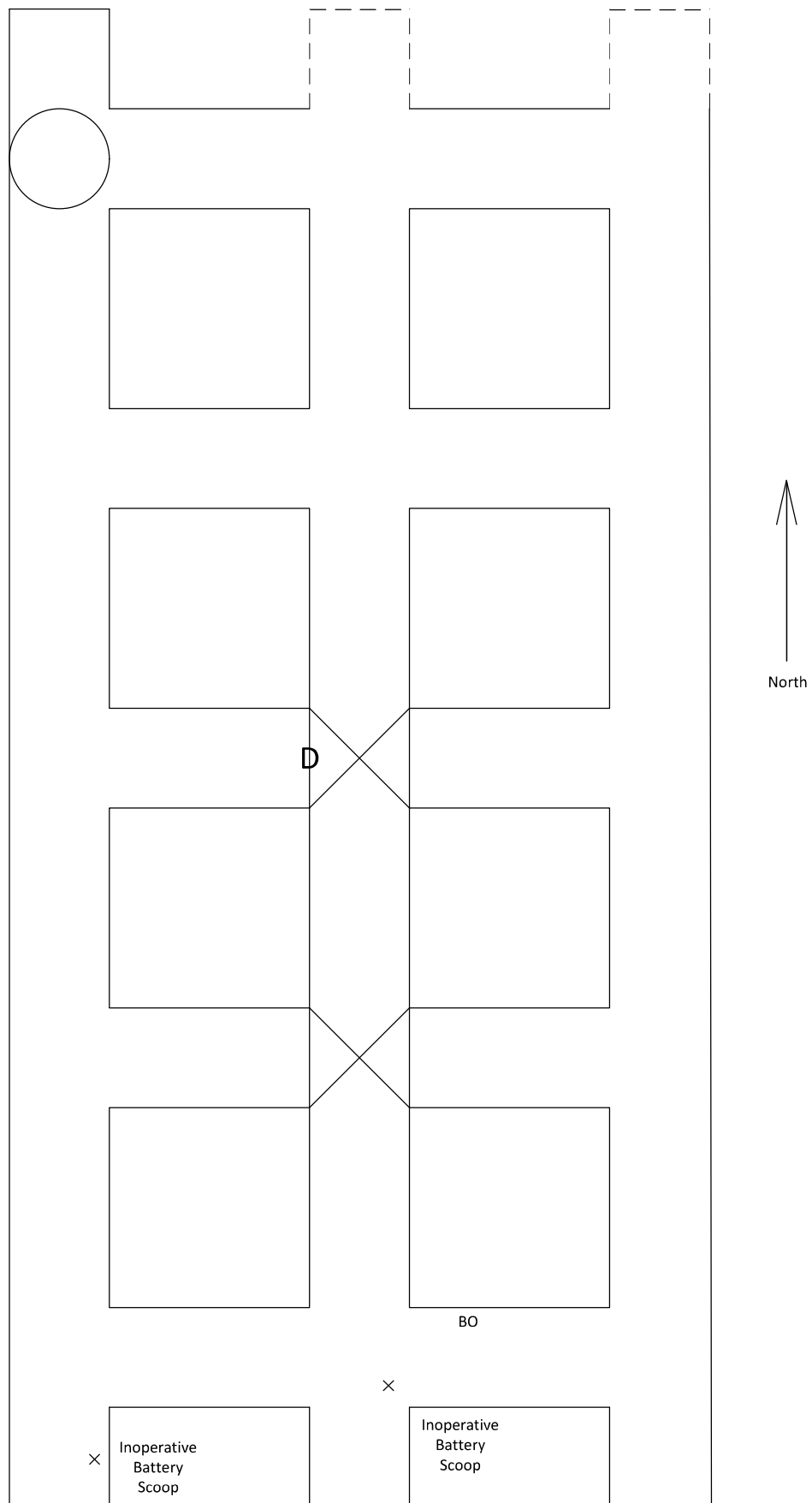
POST 7



POST 7



POST 7



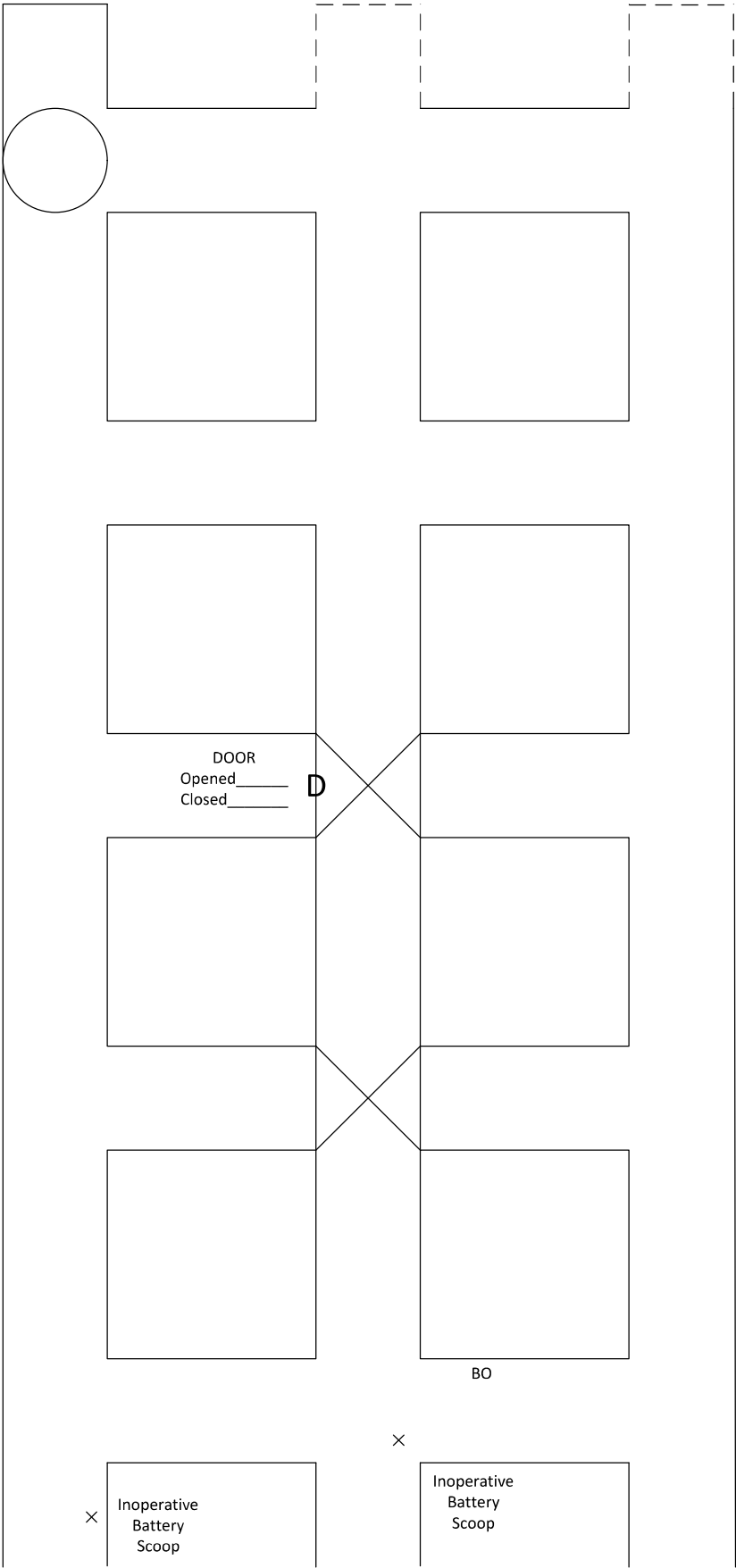
Team No. _____

POST 7

FINAL MAP

Judge's Initials

Team Member Initials



Mine Fan
ON _____
OFF _____