

2018 NATIONAL MINE RESCUE SKILLS

SEPTEMBER 18TH 2018

WRITTEN STATEMENT

THANK YOU FOR RESPONDING TO OUR EMERGENCY SITUATION.

LAST NIGHT AT 12:30 AM, FIVE (5) MINERS ENTERED THE MINE TO DO SOME CLEAN UP AND MAINTENANCE WORK, INCLUDING CUTTING AND WELDING, ON THE SECTION. APPROXIMATELY 3 HOURS AGO THE DISPATCHER RECEIVED A CALL FROM 1 OF THE MINERS WHO STATED “I HEARD A LOUD POPPING NOISE AND OBSERVED SMOKE INBY HIS LOCATION. HE FURTHER STATED THAT HE WAS GOING TO THE SECTION’S REFUGE ALTERNATIVE AND THAT HE DID NOT KNOW ANYTHING ABOUT THE OTHER MINERS. WE HAVE NOT HAD ANY ADDITIONAL COMMUNICATIONS WITH ANY OF THE MINERS.

THE MINE FAN IS OPERATING AND IS A BLOWING FAN. THE FAN IS BEING GUARDED AND MONITORED AT THIS TIME.

ALL ELECTRICAL POWER TO THE AFFECTED LOCATION HAS BEEN DENERGIZED, LOCKED AND TAGGED.

THE MINE HAS A HISTORY OF LOCALIZED WATER ACCUMULATIONS ESPECIALLY WHEN DEWATERING PUMPS ARE OFF. SOMETIMES WHEN PUMPING WATER IN 1 LOCATION THE WATER LEVEL IN OTHER LOCATIONS WILL DROP AS WELL.

THE MINE HAS A HISTORY OF LOCALIZED METHANE BLEEDERS THAT ARE EASILY CONTROLLED BY SUFFICIENT VENTILATION

THE MINE IS OF WALKING HEIGHT AND THE MINE MAP WAS UPDATED 6 DAYS AGO

ALL NECESSARY AGENCIES ARE IN PLACE IN THE COMMAND CENTER AND EMS IS LOCATED ON SITE

BACK UP MINE RESCUE TEAMS ARE IN PLACE TO SERVE AS YOUR BACK UP TEAMS

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MINE RESCUE CONTEST

TEAM INSTRUCTIONS

- YOU WILL HAVE 80 MINUTES TO COMPLETE THE PROBLEM.
YOUR TEAM WILL BE GIVEN A 5 MINUTE WARNING:
- EXPLORE ALL OF THE MINE THAT CAN BE SAFELY EXPLORED
- TEAMS MUST LEAVE THE MINE CLEAR OF ALL IRRESPIRABLE
AND EXPLOSIVE GASES
- THE BLOWING MINE FAN CANNOT BE STOPPED, STALLED OR
REVERSED
- ELECTRICAL POWER SUPPLYING POWER TO THE PUMP SWITCH
LOCATED AT THE BRIEFING OFFICER'S LOCATION IS BEING
WORKED ON AT THIS TIME. YOUR TEAM WILL BE INFORMED
WHEN POWER HAS BEEN RESTORED TO THE PUMP SWITCH
- IF ANY WATER PUMP IS TURNED ON IT CANNOT BE TURNED OFF
AFTER PUMPING THE WATER
- TEAM CAN TRANSPORT 2 BRATTICE CLOTHS AT A TIME

2018 NATIONAL MINE RESCUE SKILLS CONTEST

MINE RESCUE FIELD PROBLEM

09/18/2018

KEYS TO THE PROBLEM:

- ON INITIAL CHECKING OF THE OPENINGS THE ROOFED WATER IN #2 AND #3 **CANNOT** BE PUMPED DUE TO POWER TO THE SWITCH AT THE BO BEING OFF. ALSO, THE PUMP IS STATIONARY AND **CANNOT** BE MOVED
- TEAM MUST ENTER IN THE #1 ENTRY. WHEN THE CAPTAIN AND 1 OTHER MAN GO INTO THE RA JUDGES **MUST** STRETCH THE RIBBON ACROSS THE #1 ENTRY AND PLACE THE “CAVED” PLACARD AT THE RIBBON. NOTE: CAPTAIN MUST DO A ROOF AND RIB TEST AND PLACE HIS D +I AT THE CAVED AREA.
- WHILE THE CAPTAIN AND 1 OTHER MAN ARE IN THE RA JUDGES **MUST** INFORM THE TEAM AND BO THAT ELECTRICAL POWER HAS BEEN RESTORED TO THE PUMP IN THE #2 ENTRY.
- THE TEAM MUST AIRLOCK AND GO THROUGH THE PERMANENT STOPPING BEHIND THE RA. THEY WILL FIND ENOUGH BRATTICE MATERIAL TO ALLOW THEM TO AIRLOCK AT THE ROOFED WATER AND HAVE THE BO START THE PUMP. IF A TEAM FAILS TO DO THIS AND KEEPS EXPLORING INBY THEY SHALL BE DISCOUNTED
- IF THE PATIENT THAT THE TEAM GOT OUT OF THE RA HAS A CAREVENT ON, THE TEAM **MUST CHECK** THE OXYGEN GAUGE EVERY 5 MINUTES FOR AS LONG AS THE CAREVENT IS IN USE.

- **ONCE THE PUMP IN THE #2 ENTRY IS TURNED ON IT CANNOT BE TURNED OFF TO ALLOW THE WATER TO ROOF AGAIN. THE WATER WILL GO TO KNEE DEEP WHEN IT IS PUMPED**
NOTE: THE MINE RESCUE SKILLS RULES REQUIRE THE TEAM TO CARRY THEIR STRETCHER WHEN THEY ARE IN WATER LEVELS THAT WOULD COME OVER THE STRECTCHER AND THEY WILL BE IN KNEE DEEP WATER
- **THE TEAM MUST TREAT THE LIFE THREATENING BLEEDING ON THE PATIENT FOUND IN THE #3 ENTRY IN THE LAST OPEN CROSSCUT.**
- **THE TEAM MUST CARRY THE PATIENT TO THE FRESH AIR BASE**

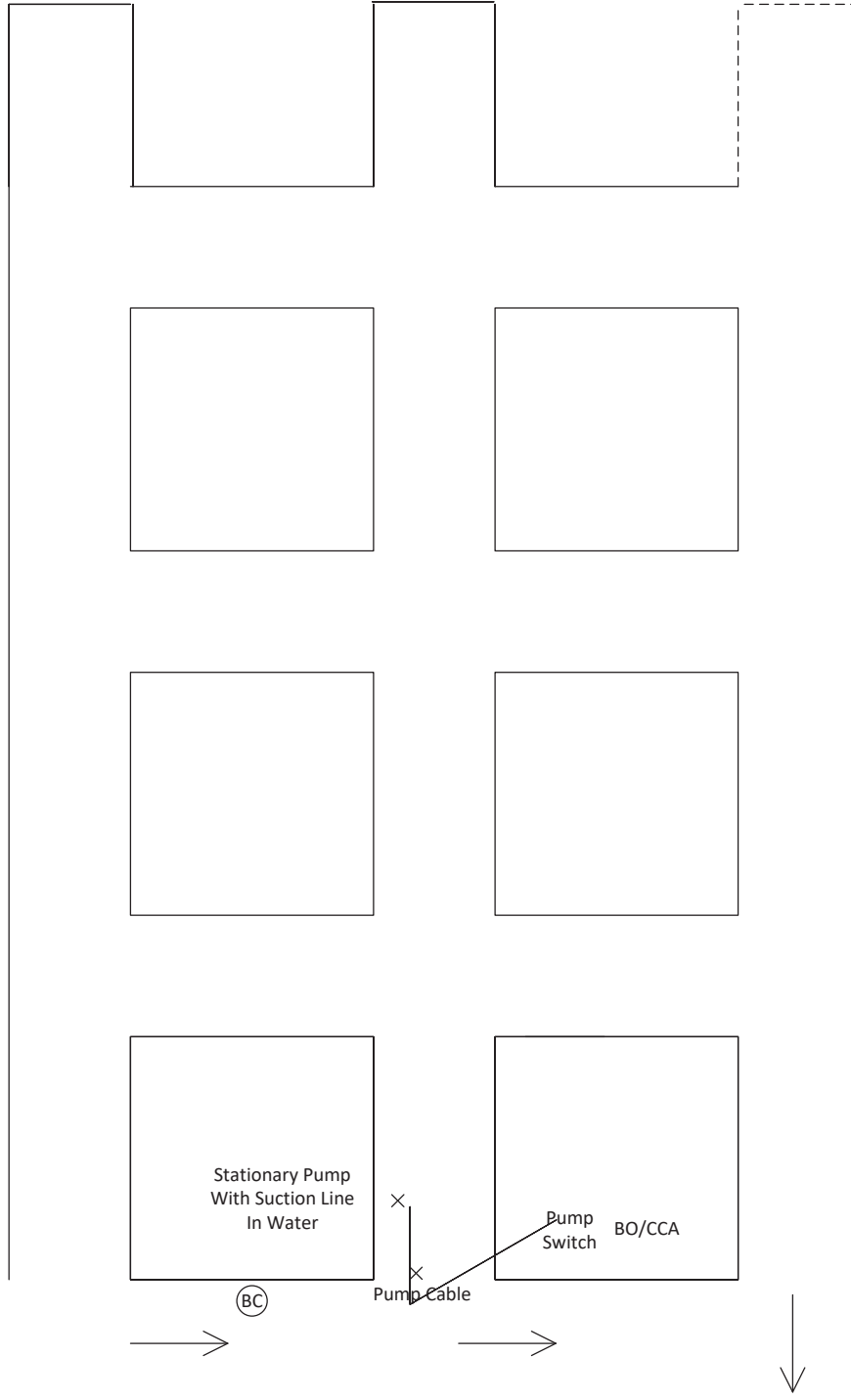
2018 National Skills
Problem

TEAM NAME

TEAM

#

TEAM MAP



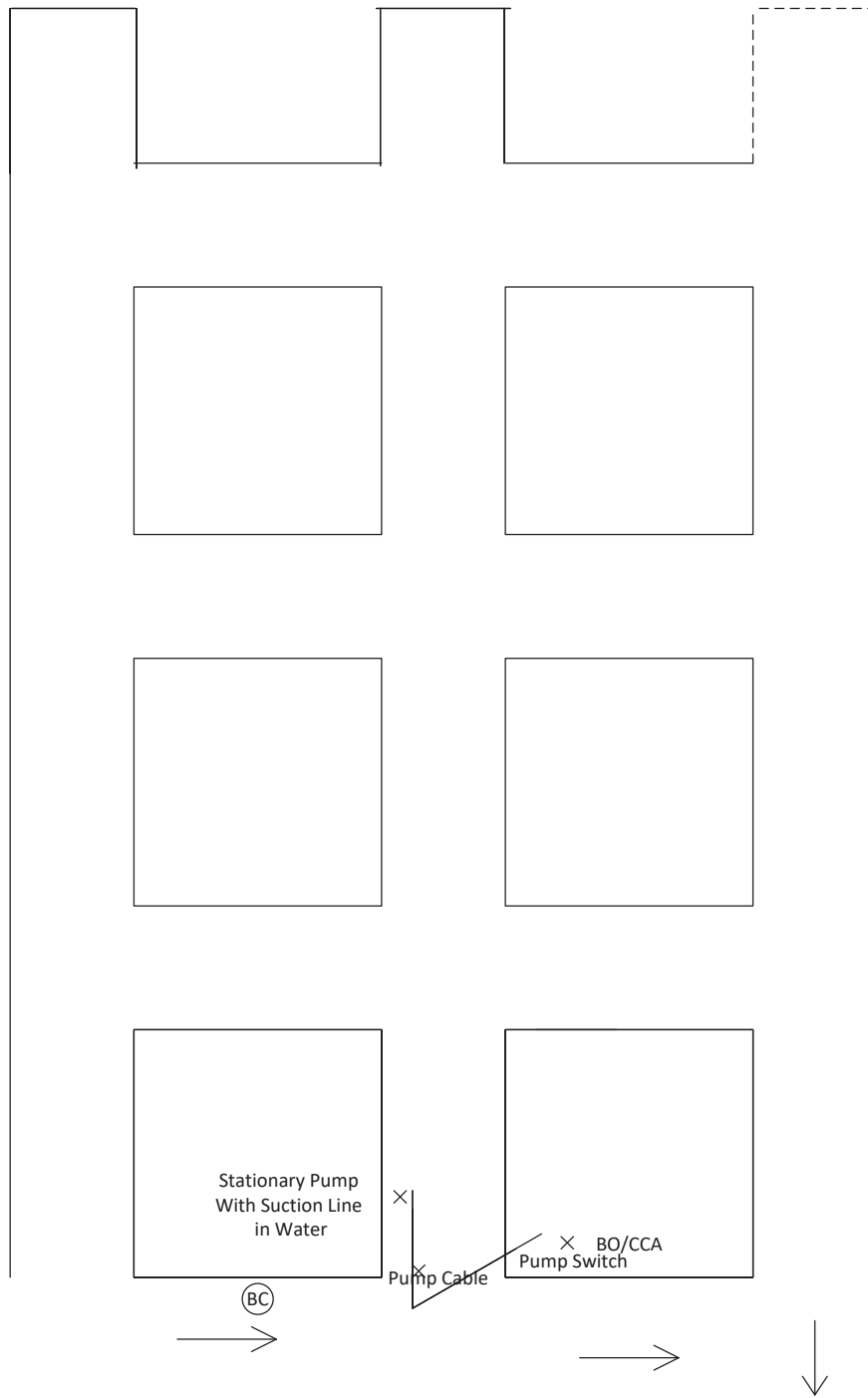
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TEAM NAME

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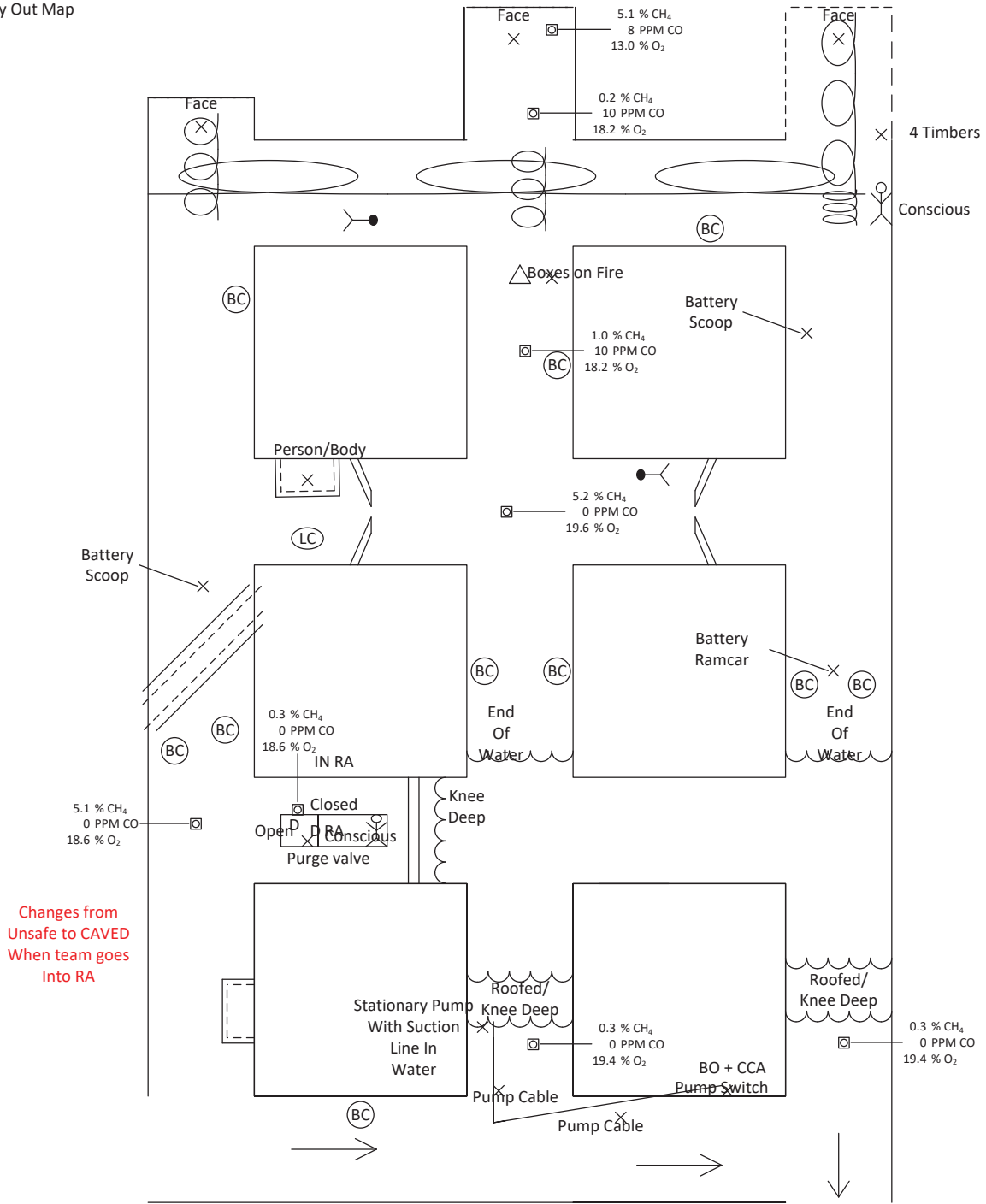
BRIEFING OFFICER MAP



BRIEFING OFFICER MAP

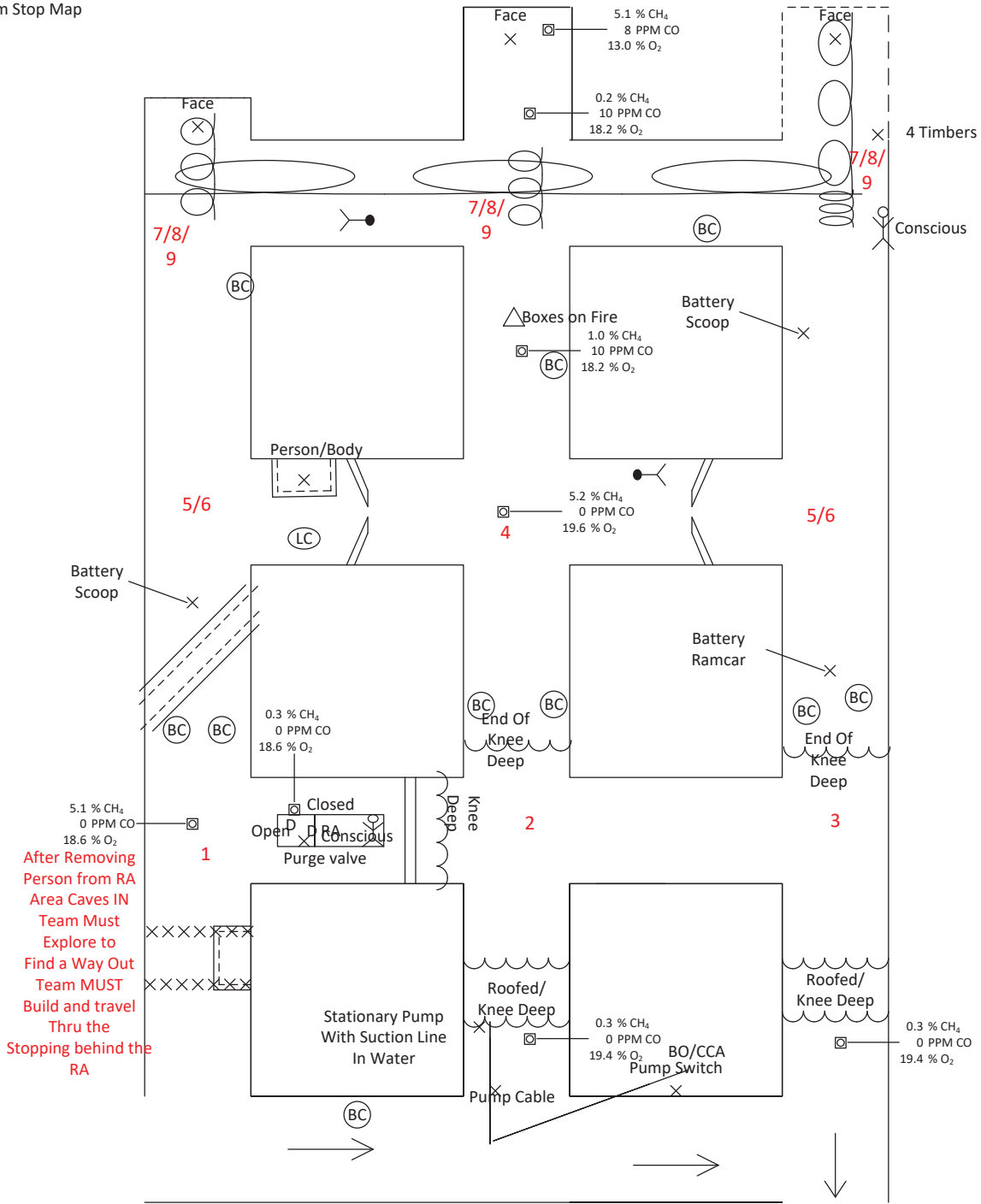
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Lay Out Map



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Problem

Team Stop Map



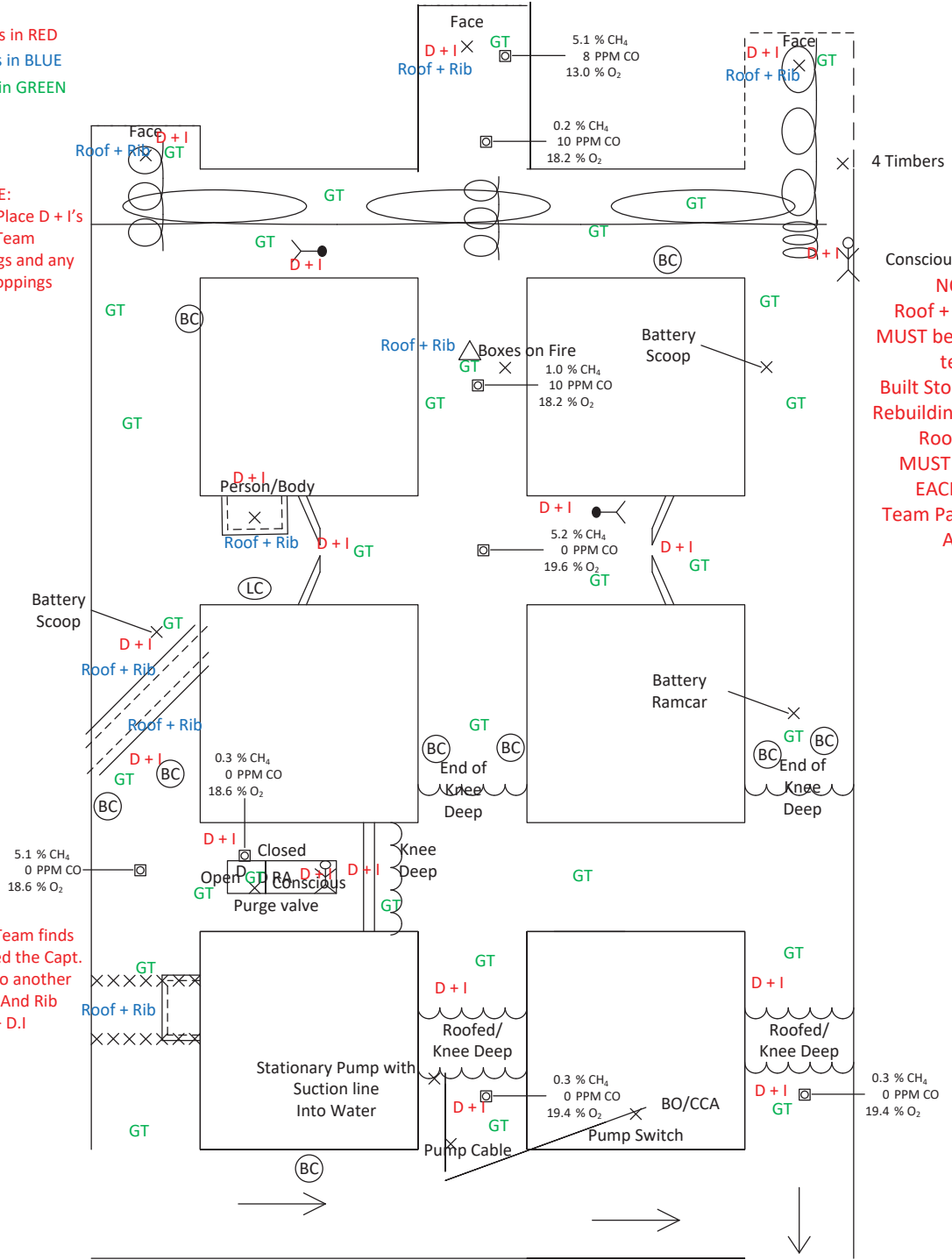
After Removing
Person from RA
Area Caves IN
Team Must
Explore to
Find a Way Out
Team MUST
Build and travel
Thru the
Stopping behind the
RA

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Problem

COMBINED GAS TEST,
ROOF + Rib & D. + I. MAP

D+I is in RED
Roof + Rib is in BLUE
Gas Test is in GREEN

NOTE:
Captain Must Place D + I's
on ALL Team
Built Stoppings and any
Rebuilt Stoppings

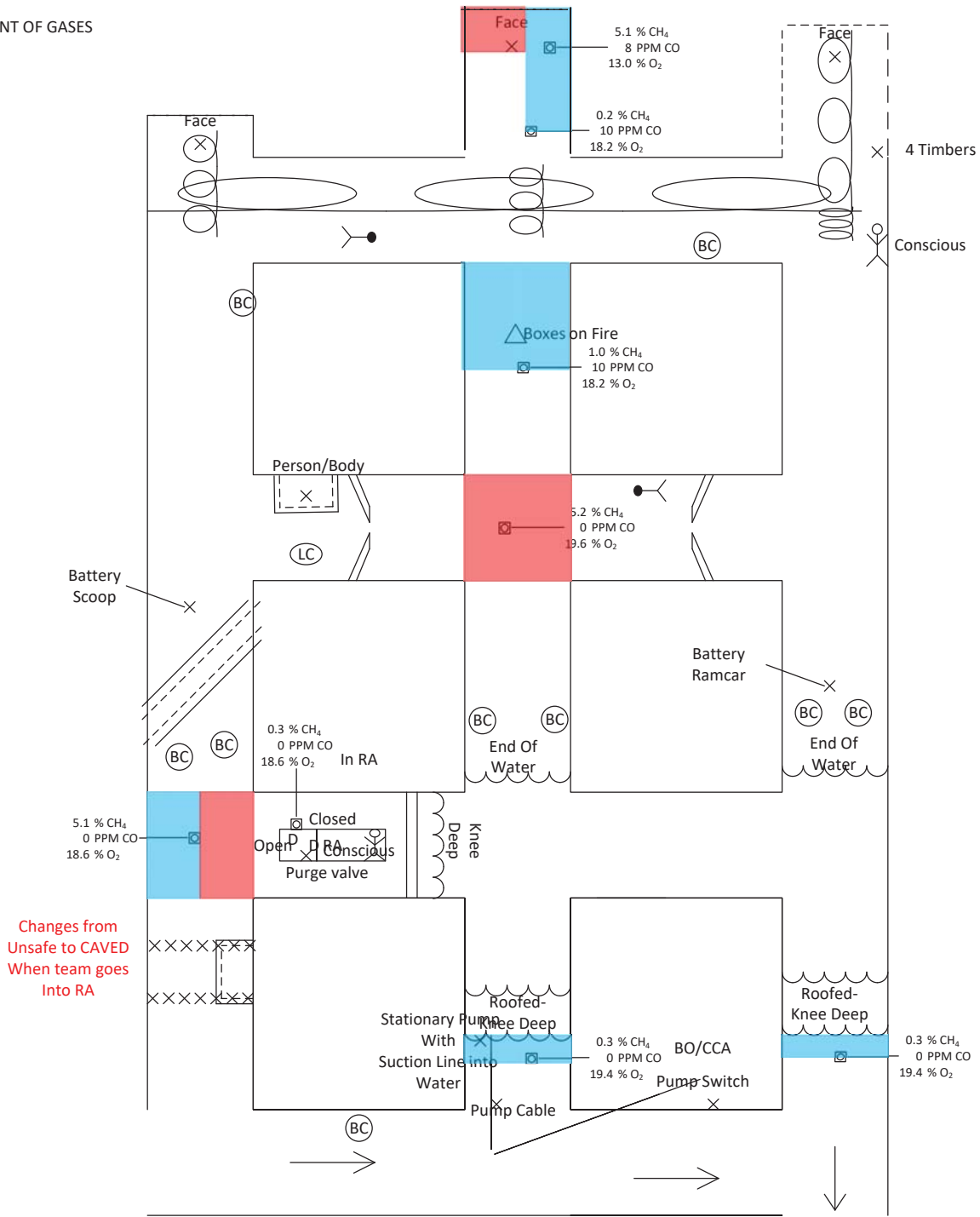


Conscious
NOTE:
Roof + Rib Tests
MUST be done at all
team
Built Stoppings and
Rebuilding Stoppings
Roof + Rib
MUST BE done
EACH Time
Team Passes a Fire
Area

When Team finds
The caved the Capt.
Must do another
Roof And Rib
+ D.I

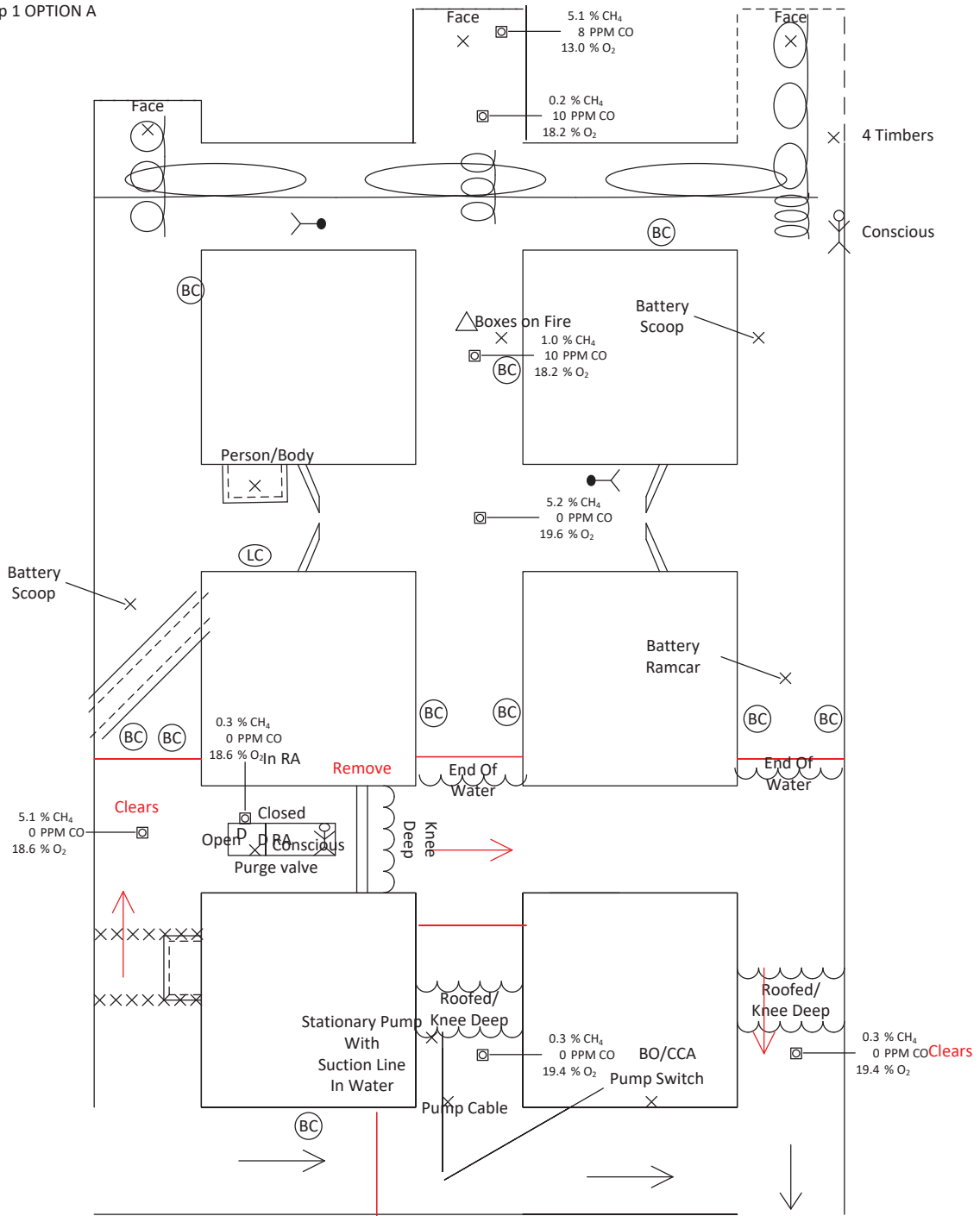
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EXTENT OF GASES



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Problem

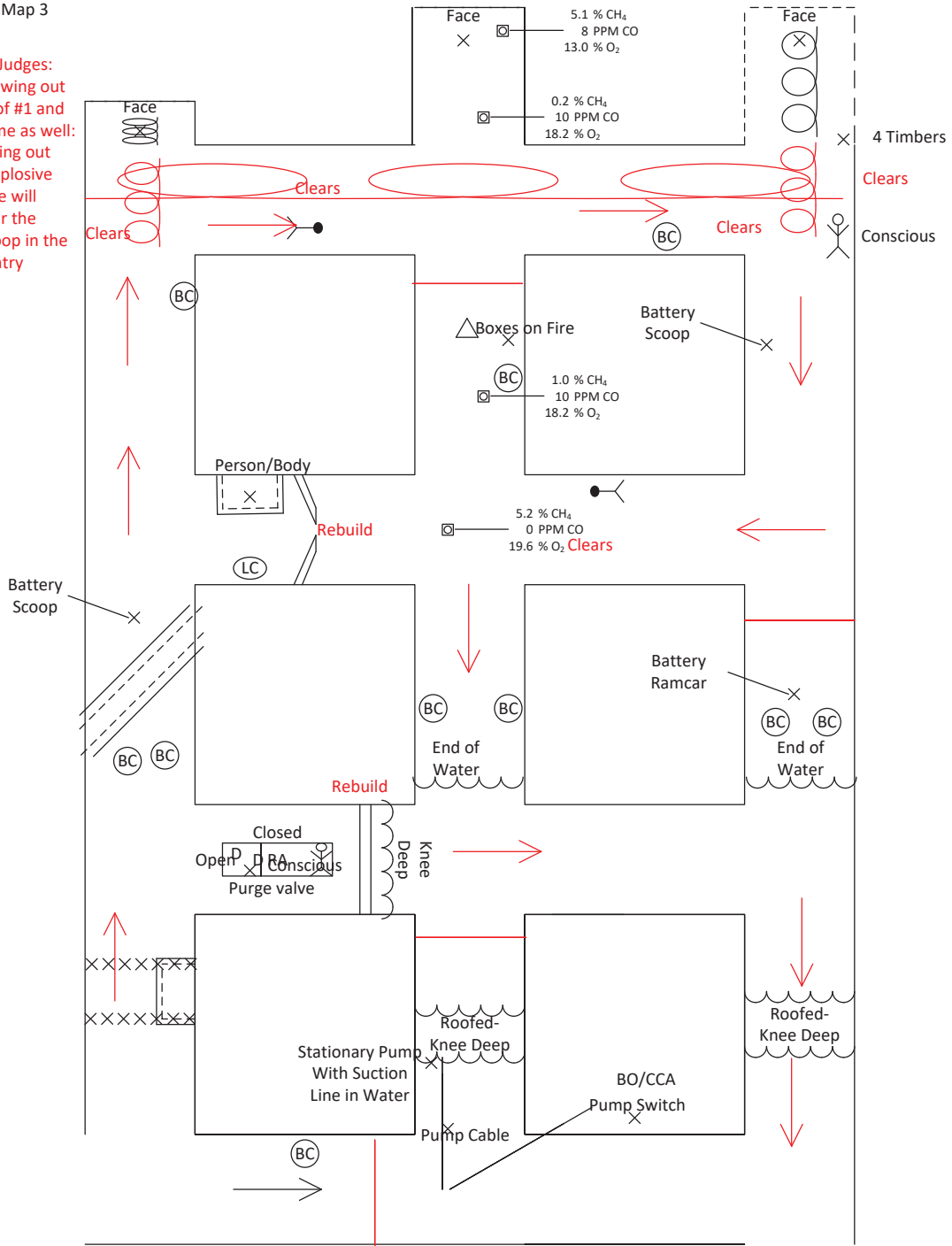
VENT Map 1 OPTION A



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Problem

VENT Map 3

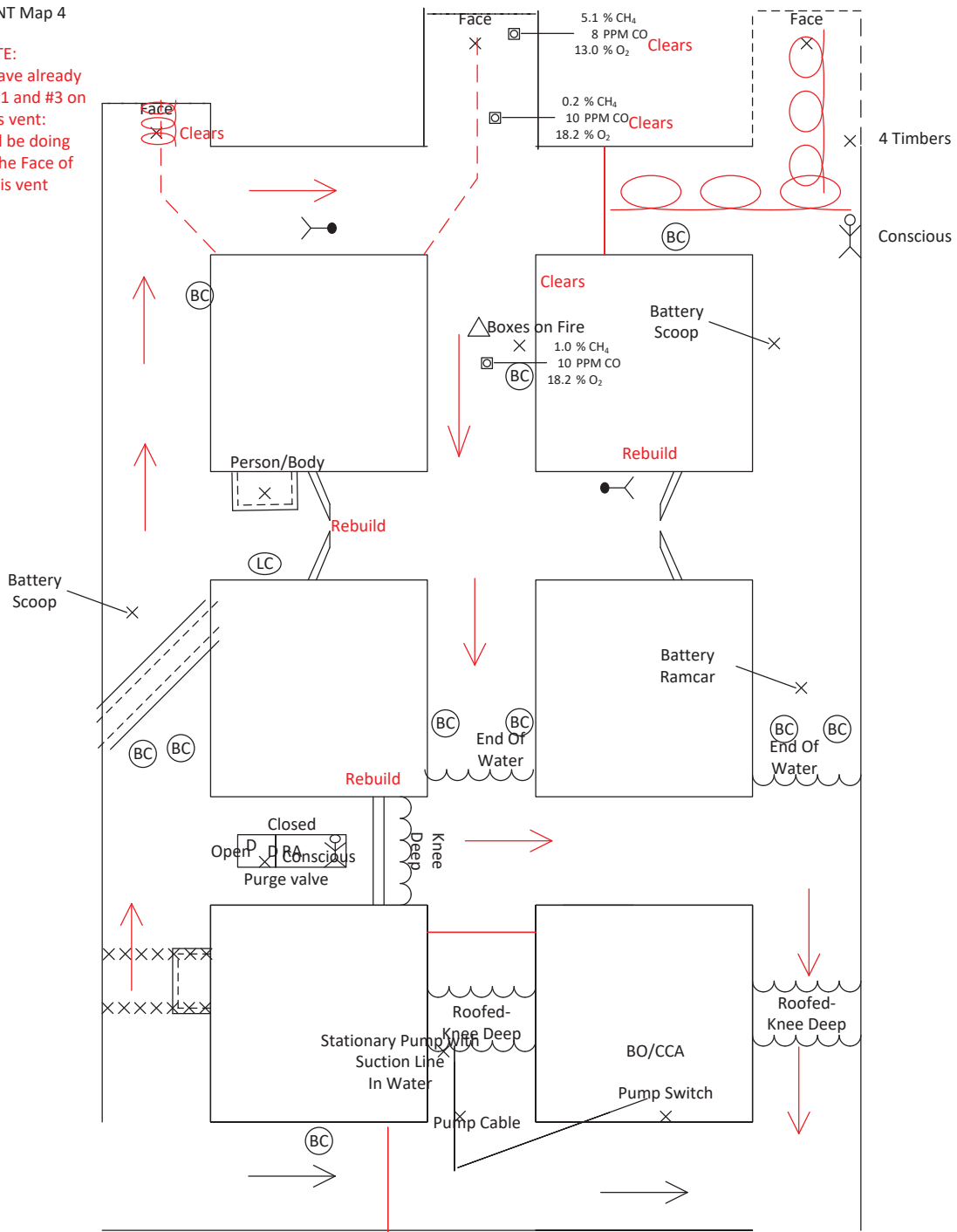
NOTE to Judges:
Team may wing out
The faces of #1 and
#3 at this time as well:
If they wing out
#2 the Explosive
Mixture will
Go over the
Battery Scoop in the
#3 Entry



2018 National Skills Problem

VENT Map 4

NOTE:
 Team May have already
 Winged out #1 and #3 on
 Previous vent:
 All they will be doing
 Is clearing the Face of
 #2 on this vent



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VENT Map 5

NOTE:
This Vent may not be necessary if the Team winged out #3 on a Previous Vent

