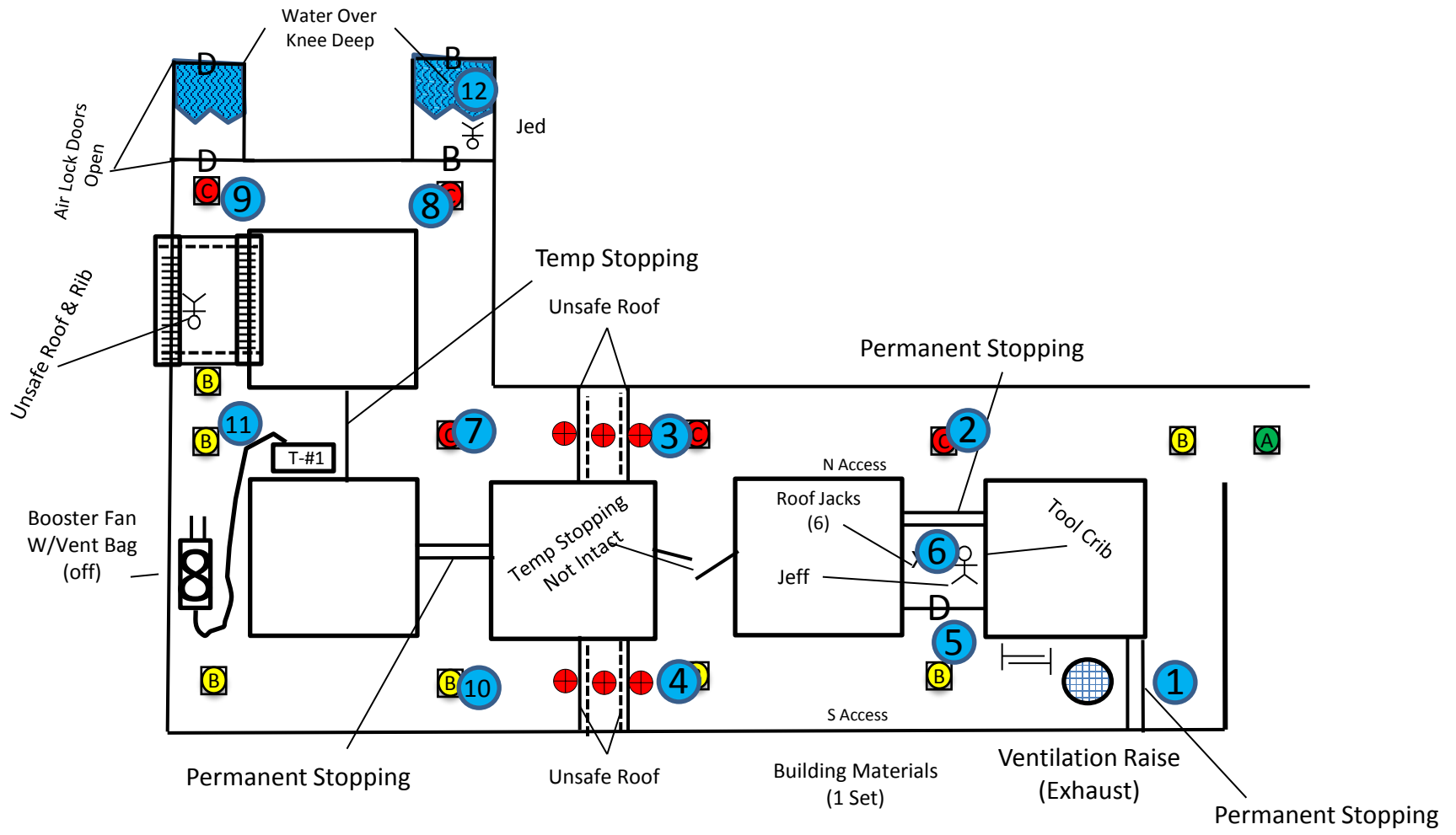





# Day 1 Surface Map

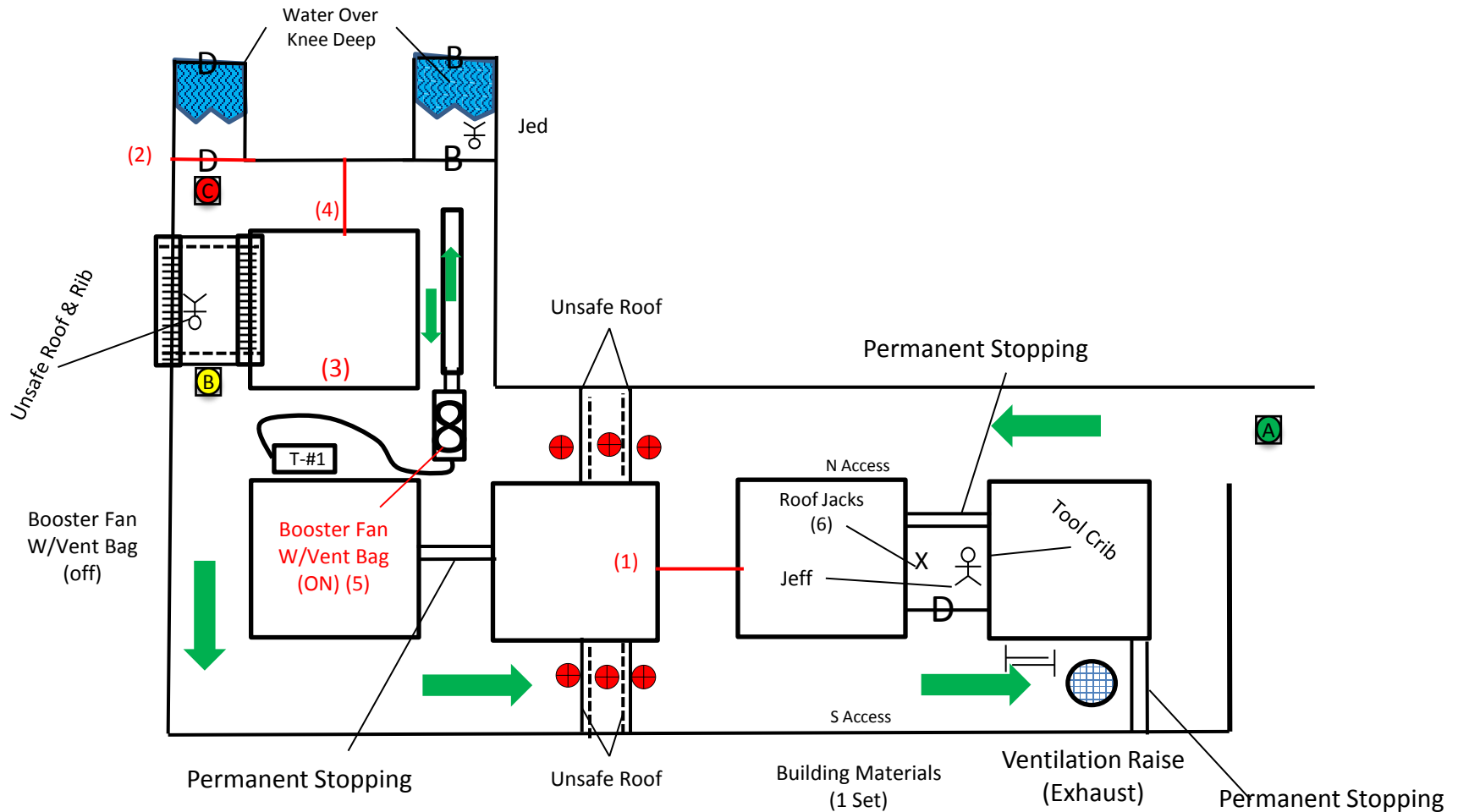


**GAS PLACARD KEY**




 = Clear air	 = 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
 = 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke	



# Day 1 Surface Vent Map



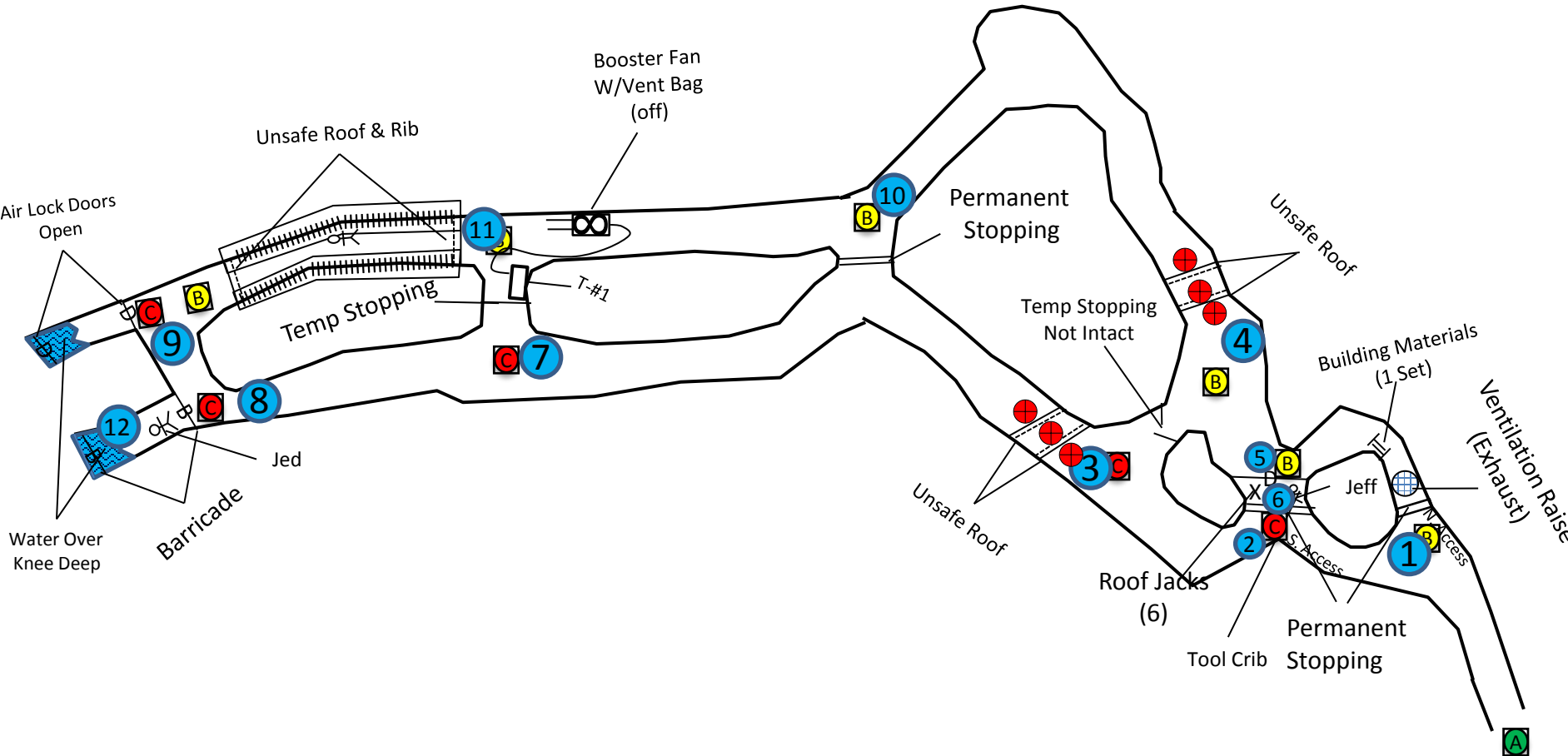
## GAS PLACARD KEY

	= Clear air		= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke		



## Ventilation Solution Map

- (1) Repair Temp Stopping (not intact)
- (2) Close the Air Lock Door
- (3) Tear down the Temp Stopping next to the transformer.
- (4) Build Temp Stopping to protect unexplored area.
- Turn the exhaust fan ON
- (5) Move the booster fan to the S Access, extend the vent bag to the barricade, & turn on the booster fan.

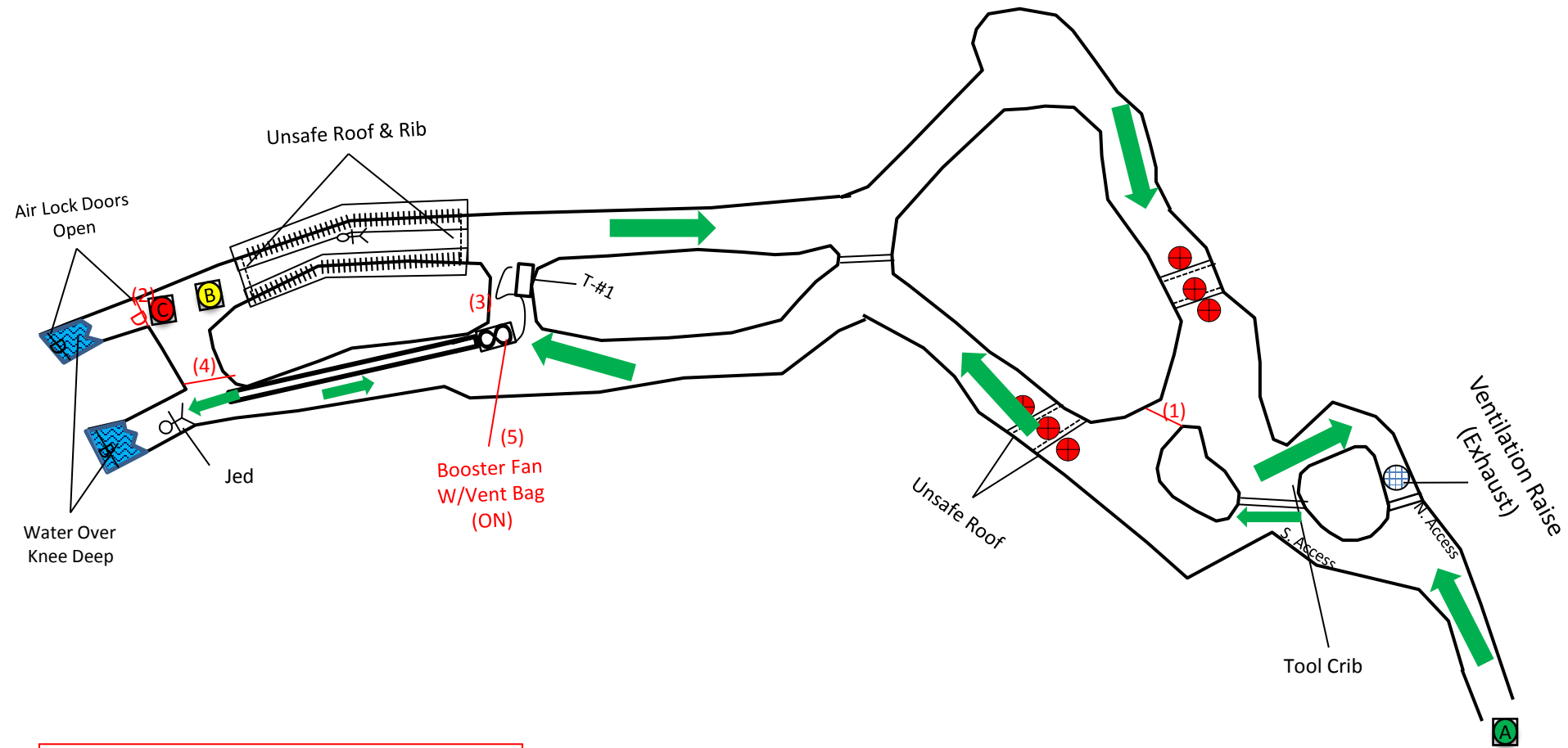


Day 1 Wheeler Map

Day 1 Solution Map



GAS PLACARD KEY	
= Clear air	= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke	



## Ventilation Solution Map

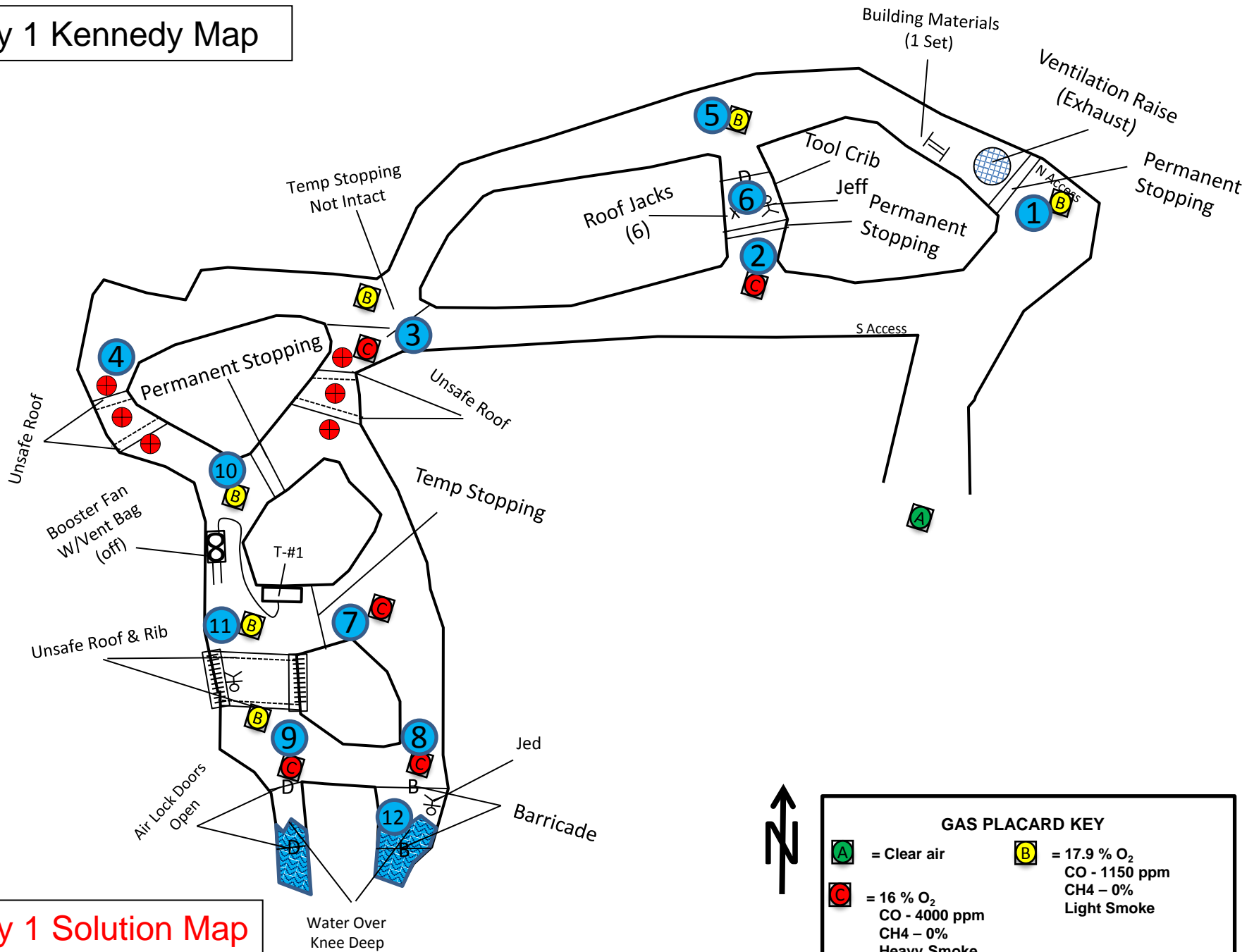
- (1) Repair Temp Stopping (not intact)
- (2) Close the Air Lock Door
- (3) Tear down the Temp Stopping next to the transformer.
- (4) Build Temp Stopping to protect unexplored area.
- Turn the exhaust fan ON
- (5) Move the booster fan to the S Access, extend the vent bag to the barricade, & turn on the booster fan.






### GAS PLACARD KEY

	= Clear air		= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke		

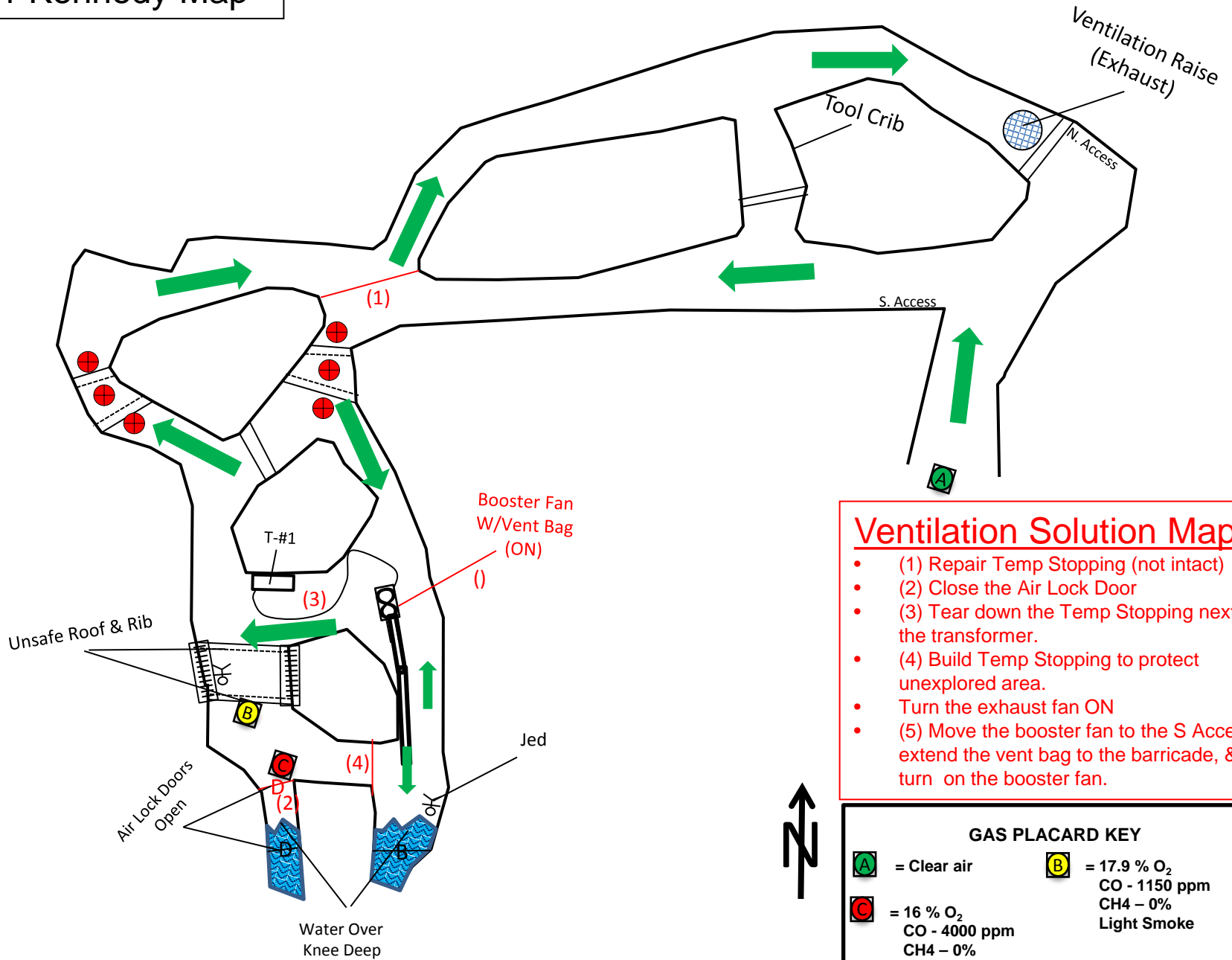
# Day 1 Kennedy Map



# Day 1 Solution Map

GAS PLACARD KEY	
	= Clear air
	= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0%
	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke

# Day 1 Kennedy Map



- ## Ventilation Solution Map
- (1) Repair Temp Stopping (not intact)
  - (2) Close the Air Lock Door
  - (3) Tear down the Temp Stopping next to the transformer.
  - (4) Build Temp Stopping to protect unexplored area.
  - Turn the exhaust fan ON
  - (5) Move the booster fan to the S Access, extend the vent bag to the barricade, & turn on the booster fan.

**GAS PLACARD KEY**

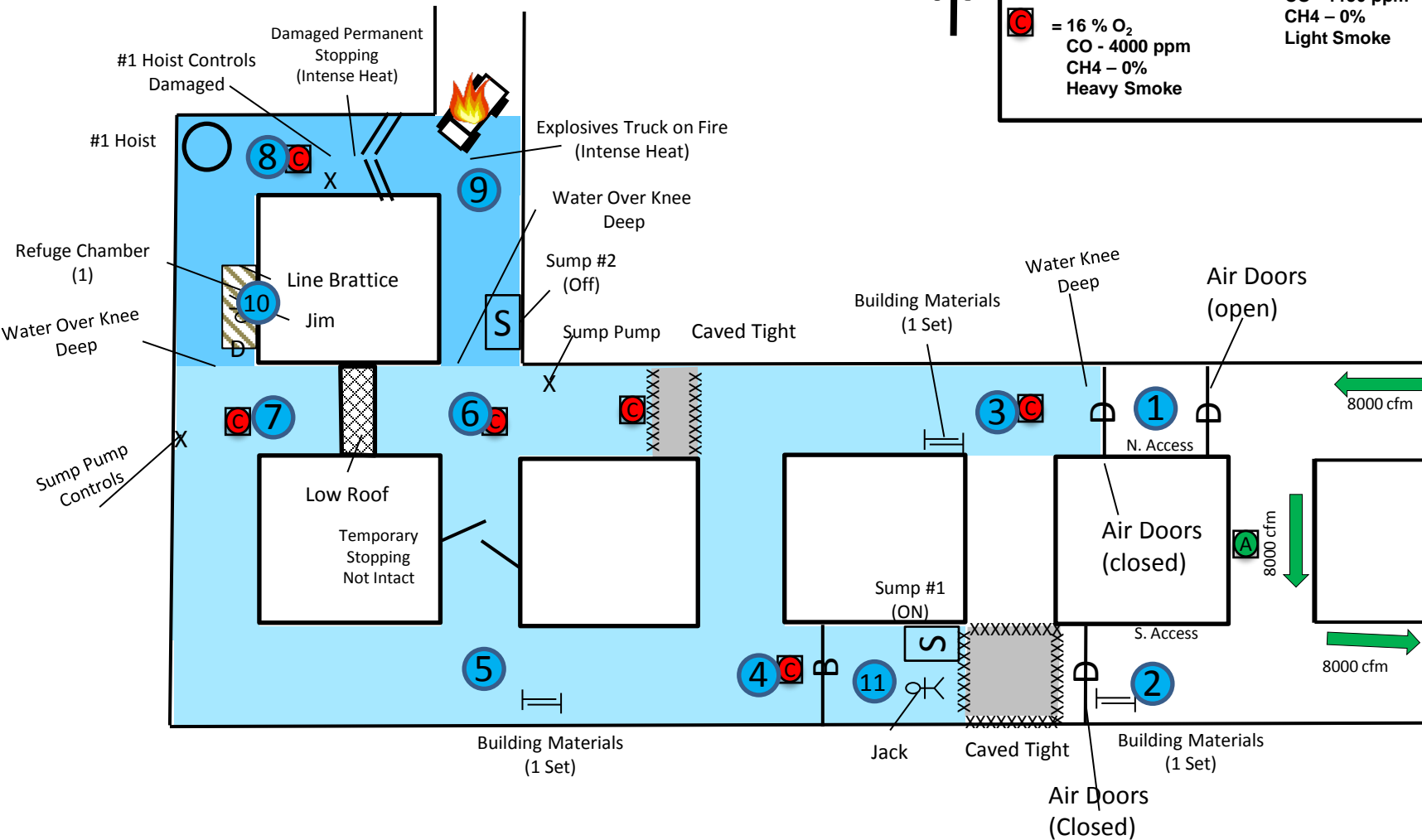
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">A</span>	= Clear air	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B</span>	= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0%
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">C</span>	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0%		Light Smoke
			Heavy Smoke



# Day 2 Surface Map



GAS PLACARD KEY	
	= Clear air
	= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke



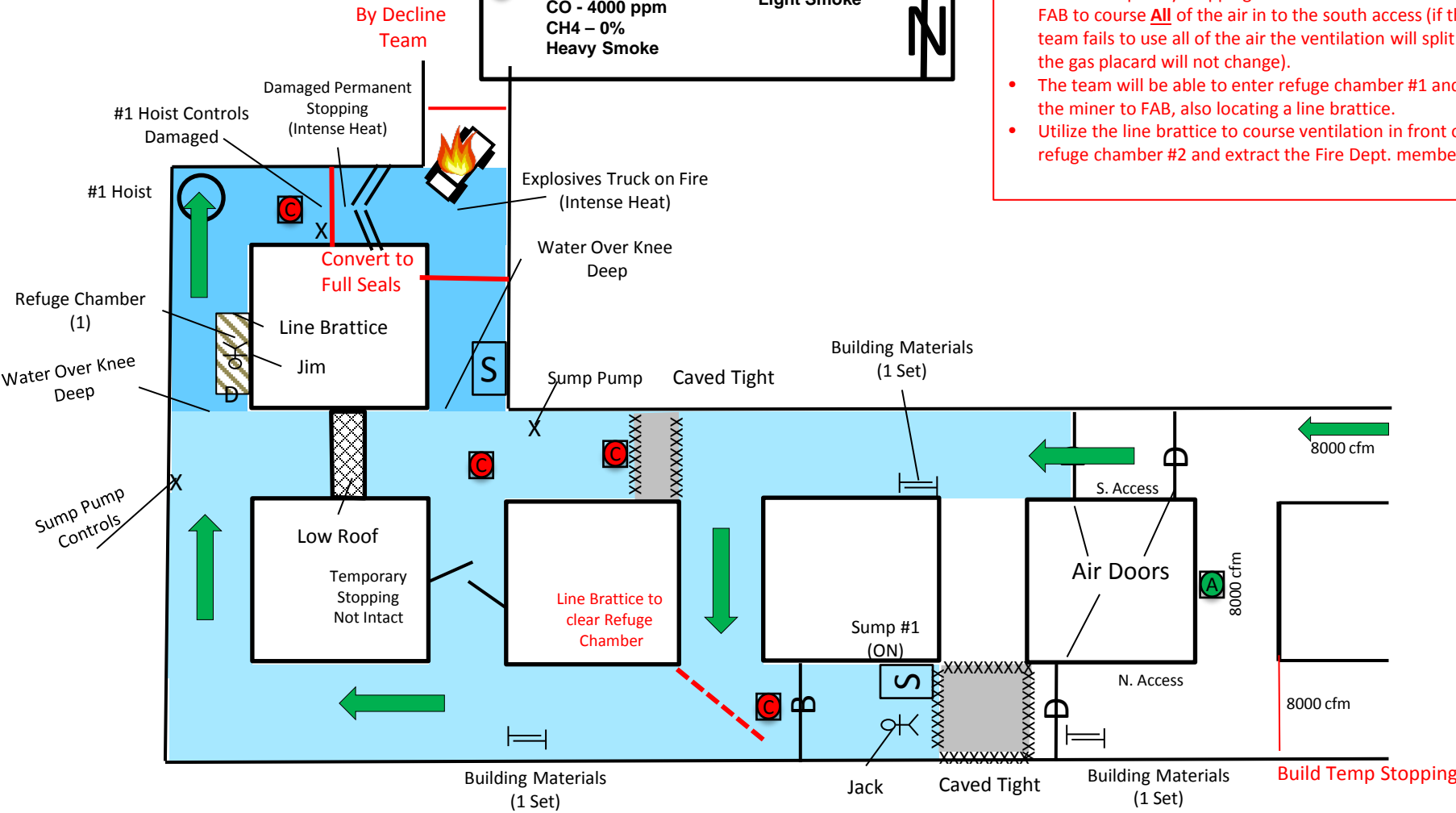
# Day 2 Surface Vent Map

### GAS PLACARD KEY

<p><b>A</b> = Clear air</p> <p><b>C</b> = 16 % O<sub>2</sub> CO - 4000 ppm CH<sub>4</sub> - 0% Heavy Smoke</p>	<p><b>B</b> = 17.9 % O<sub>2</sub> CO - 1150 ppm CH<sub>4</sub> - 0% Light Smoke</p>
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## Ventilation Solution Map

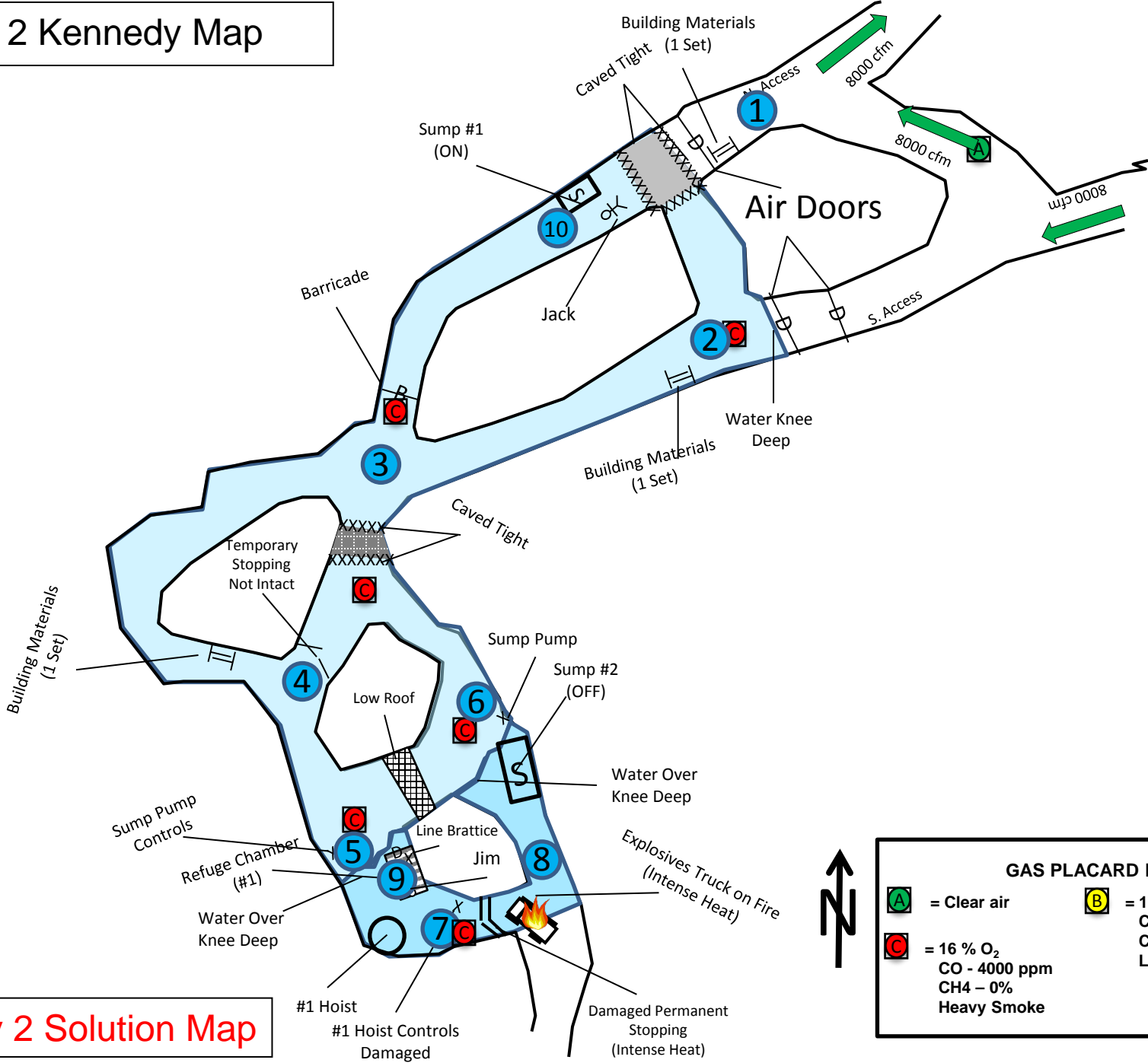
- Convert ¾ Seal s to Full seals (request decline team converts theirs also)
- Build a temporary stopping in the south access next to the FAB to course All of the air in to the south access (if the team fails to use all of the air the ventilation will split and the gas placard will not change).
- The team will be able to enter refuge chamber #1 and take the miner to FAB, also locating a line brattice.
- Utilize the line brattice to course ventilation in front of refuge chamber #2 and extract the Fire Dept. member.



Build Temp Stopping






# Day 2 Kennedy Map



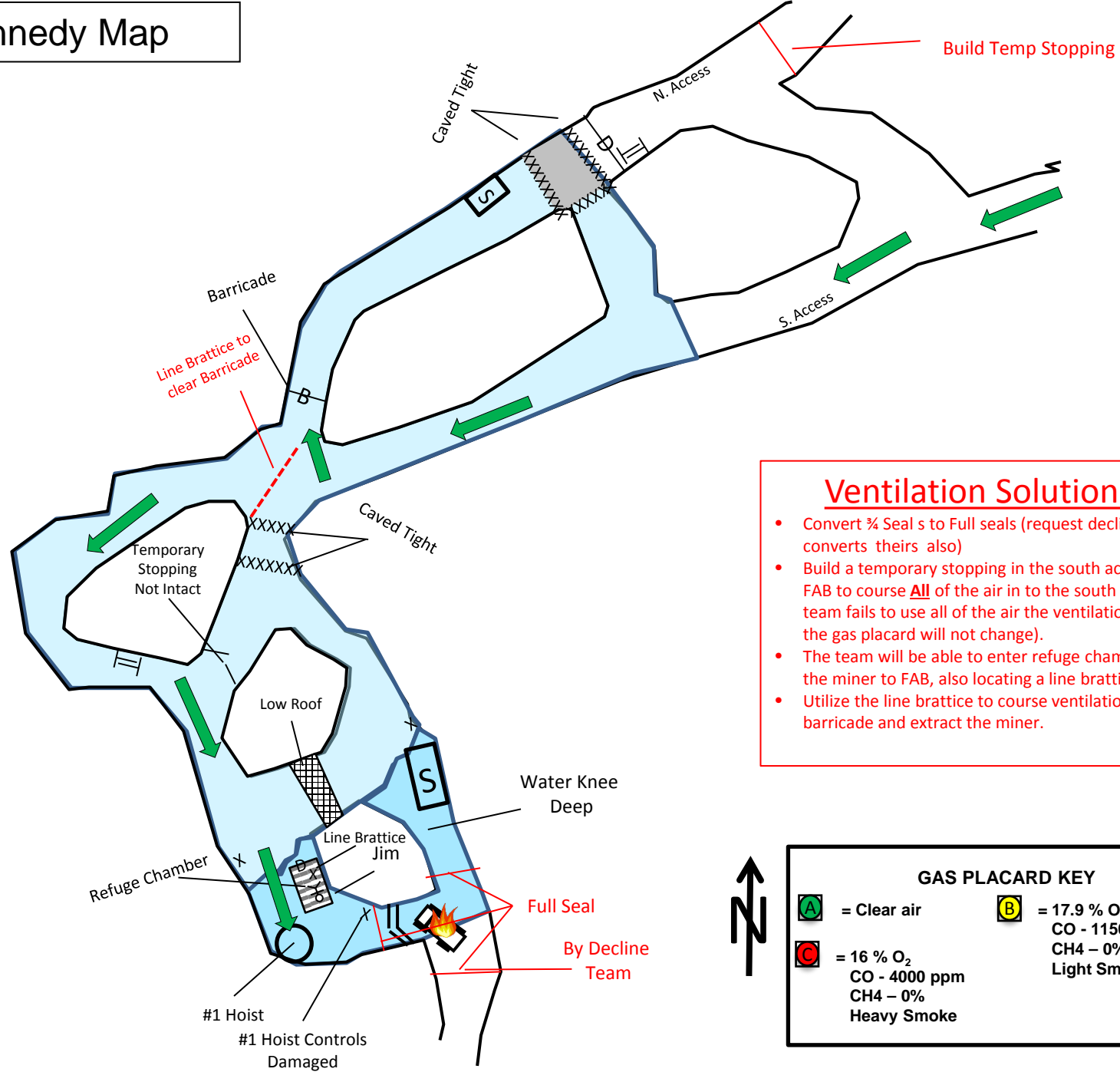
# Day 2 Solution Map

**GAS PLACARD KEY**

	= Clear air		= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0% Light Smoke
	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0% Heavy Smoke		



# Day 2 Kennedy Map



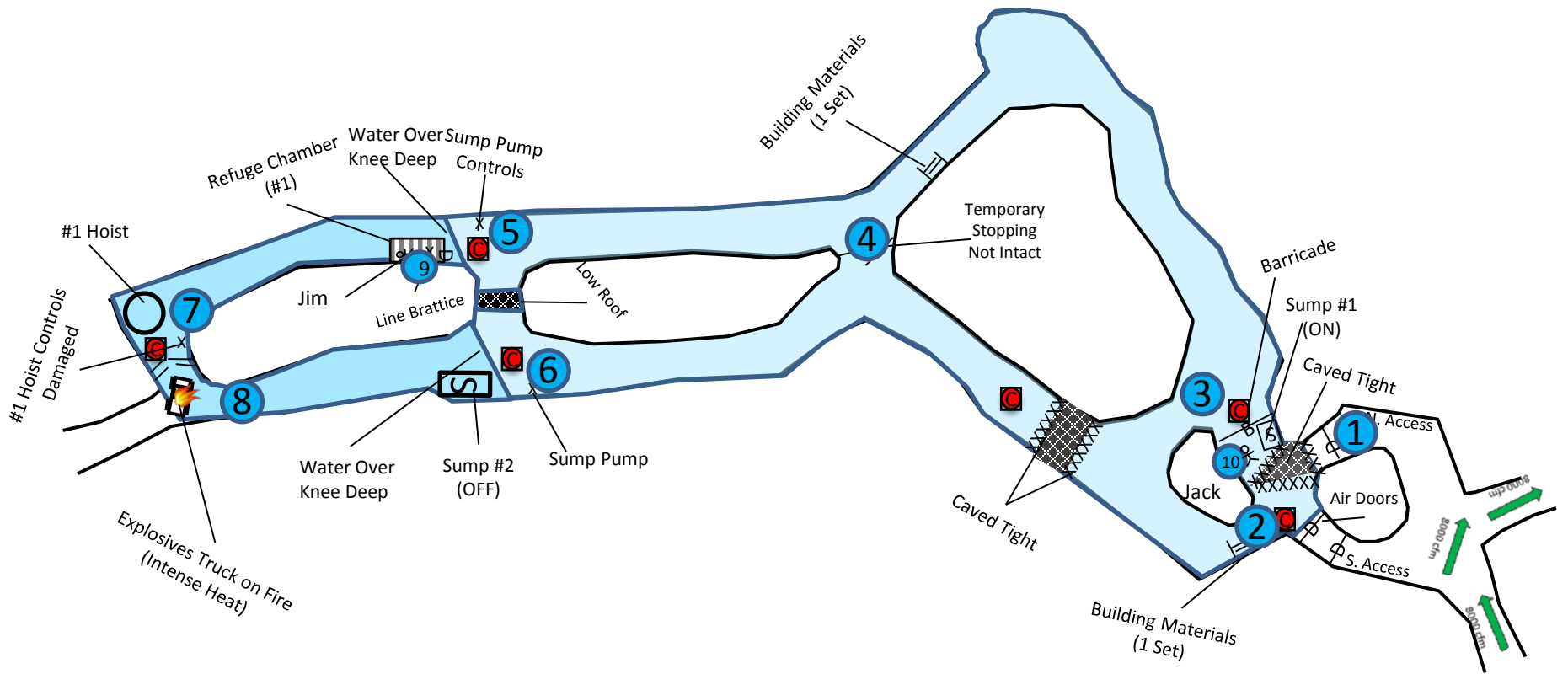
- ### Ventilation Solution Map
- Convert ¼ Seal s to Full seals (request decline team converts theirs also)
  - Build a temporary stopping in the south access next to the FAB to course All of the air in to the south access (if the team fails to use all of the air the ventilation will split and the gas placard will not change).
  - The team will be able to enter refuge chamber #1 and take the miner to FAB, also locating a line brattice.
  - Utilize the line brattice to course ventilation in front of the barricade and extract the miner.

**GAS PLACARD KEY**

<p><b>A</b> = Clear air</p> <p><b>C</b> = 16 % O<sub>2</sub> CO - 4000 ppm CH<sub>4</sub> - 0% Heavy Smoke</p>	<p><b>B</b> = 17.9 % O<sub>2</sub> CO - 1150 ppm CH<sub>4</sub> - 0% Light Smoke</p>
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# Day 2 Wheeler Map

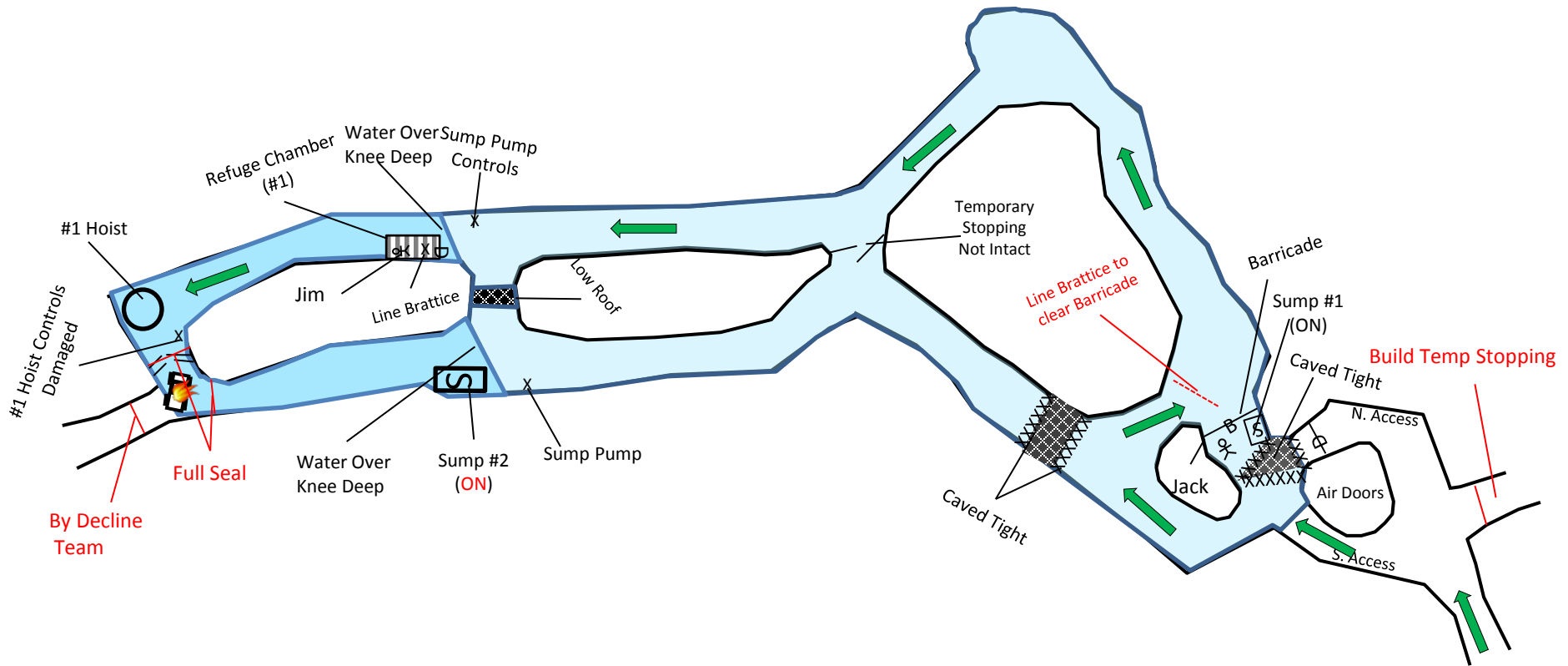


## GAS PLACARD KEY

- A = Clear air
- B = 17.9 % O<sub>2</sub>  
CO - 1150 ppm  
CH<sub>4</sub> - 0%  
Light Smoke
- C = 16 % O<sub>2</sub>  
CO - 4000 ppm  
CH<sub>4</sub> - 0%  
Heavy Smoke

# Day 2 Solution Map

# Day 2 Wheeler Map



## Ventilation Solution Map

- Convert ¾ Seal s to Full seals (request decline team converts theirs also)
- Build a temporary stopping in the south access next to the FAB to course All of the air in to the south access (if the team fails to use all of the air the ventilation will split and the gas placard will not change).
- The team will be able to enter refuge chamber #1 and take the miner to FAB, also locating a line brattice.
- Utilize the line brattice to course ventilation in front of the barricade and extract the miner.



### GAS PLACARD KEY

<b>A</b>	= Clear air	<b>B</b>	= 17.9 % O <sub>2</sub> CO - 1150 ppm CH <sub>4</sub> - 0%
<b>C</b>	= 16 % O <sub>2</sub> CO - 4000 ppm CH <sub>4</sub> - 0%		Light Smoke
			Heavy Smoke