

Updated on 04/06/2020

Shaping Virus Resilient Workplaces: A Step Towards New Normalcy



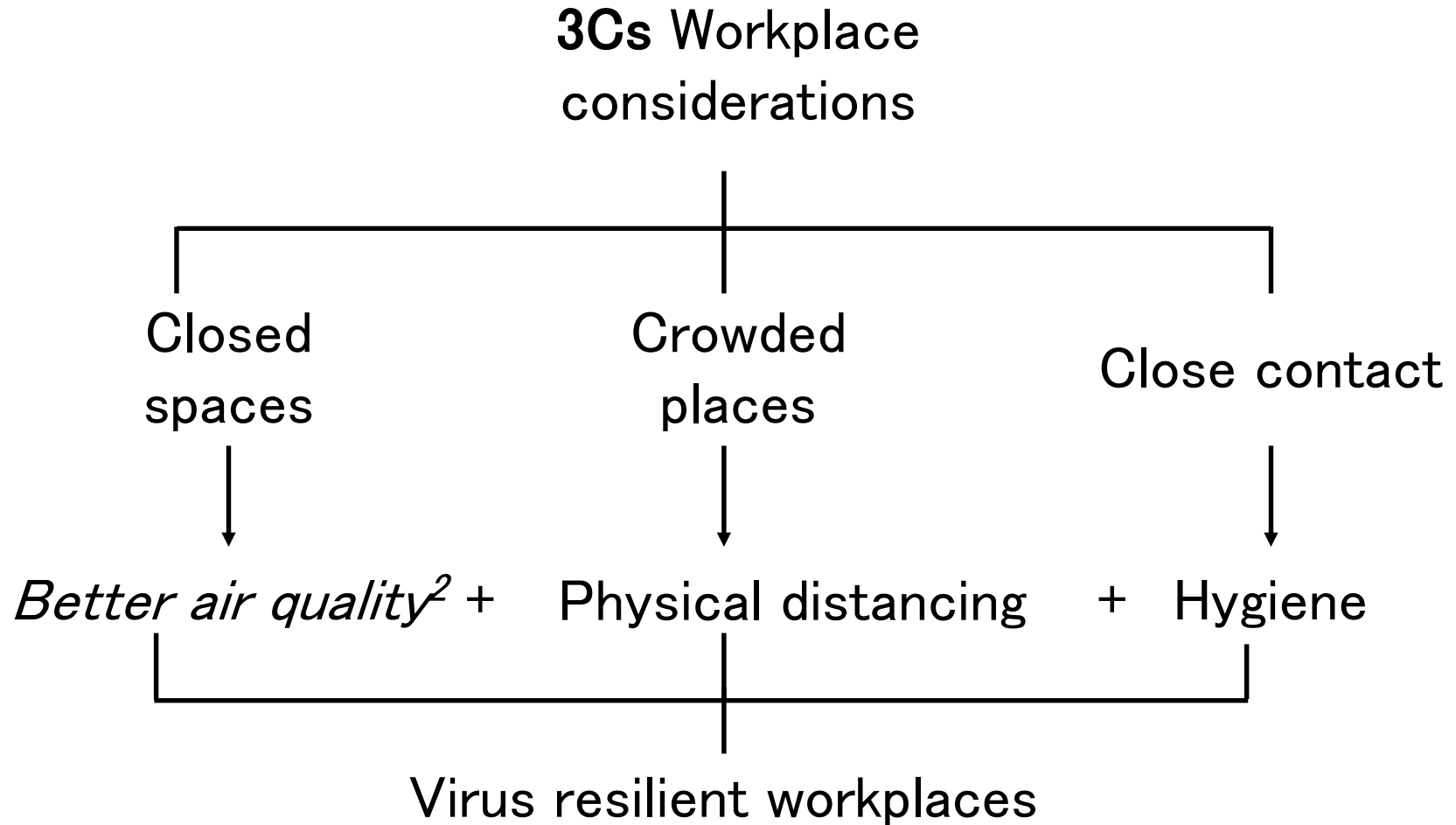
According to Health Ministry of New Zealand, viruses can quickly spread through three main routes: air, close contact between people, and/or contaminated objects or surfaces¹.

Therefore, it is necessary to **reconfigure** the existing **workplaces** in order to achieve **resilience** against highly infectious disease like COVID-19 and ensure wellbeing of people. These reconfigurations should be **simple**.

Also places should be re-designed keeping both short-term and long-term in mind, as COVID-19 will not be around forever. However notably, the recommended solutions should be **readily available**, **easily adoptable**, and **cost effective** to serve the immediate need, for example, **3Cs**.

¹ Ministry of Health Manatu Hauora (2017). How infectious diseases spread.

Avoid following 3Cs to shape virus resilient spaces



² It is assumed that air quality has been given attention and improved in its all aspect i.e., filtration, RH, temperature, etc.

■オープンオフィス（従業員の出社人数を3割削減を想定）
Open office (with 30% less people than usual)

休憩スペース

- ・一席に一人、人との距離を十分に確保した配置にする

Restorative space

- ・ One person in each seating spot for a layout that secures sufficient distance from each other

オープンな会議室

- ・ 人との距離を充分にとれる人数。
- ・ 植栽等で壁をつくり飛沫を防ぐ

Open meeting rooms

- ・ A size of attendants small enough to keep a distance from each other
- ・ Plants as walls to block droplets from surrounding spaces

個人の席

- ・ 透明な衝立を設置し飛沫を防ぐ

Individual seats

- ・ Install Keep left and right partitions transparent to prevent splashes

共有作業スペース

- ・ 大きめの机で人との距離を十分に確保する

Shared work space

- ・ A large desk for a sufficient distance from neighbors

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■閉鎖型会議室 Meeting room

植物で距離を確認
Plants with a certain
interval for checking
distance

植物
plants

Mindful seating

マスクを着用
Keep a mask
on

換気 Ventilation
・窓がある場合は定期的に開けて換気する
Open operable windows regularly for ventilation

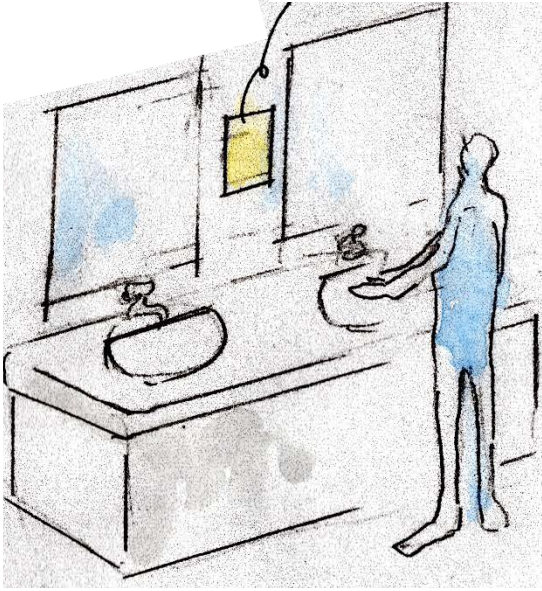
少なくとも1mの
距離
Secure at least 1m
distance

PC操作 PC operation
・共用のPCを使用する場合は、PCを操作する人を限定する
Limit the number of people who operate a shared PC.

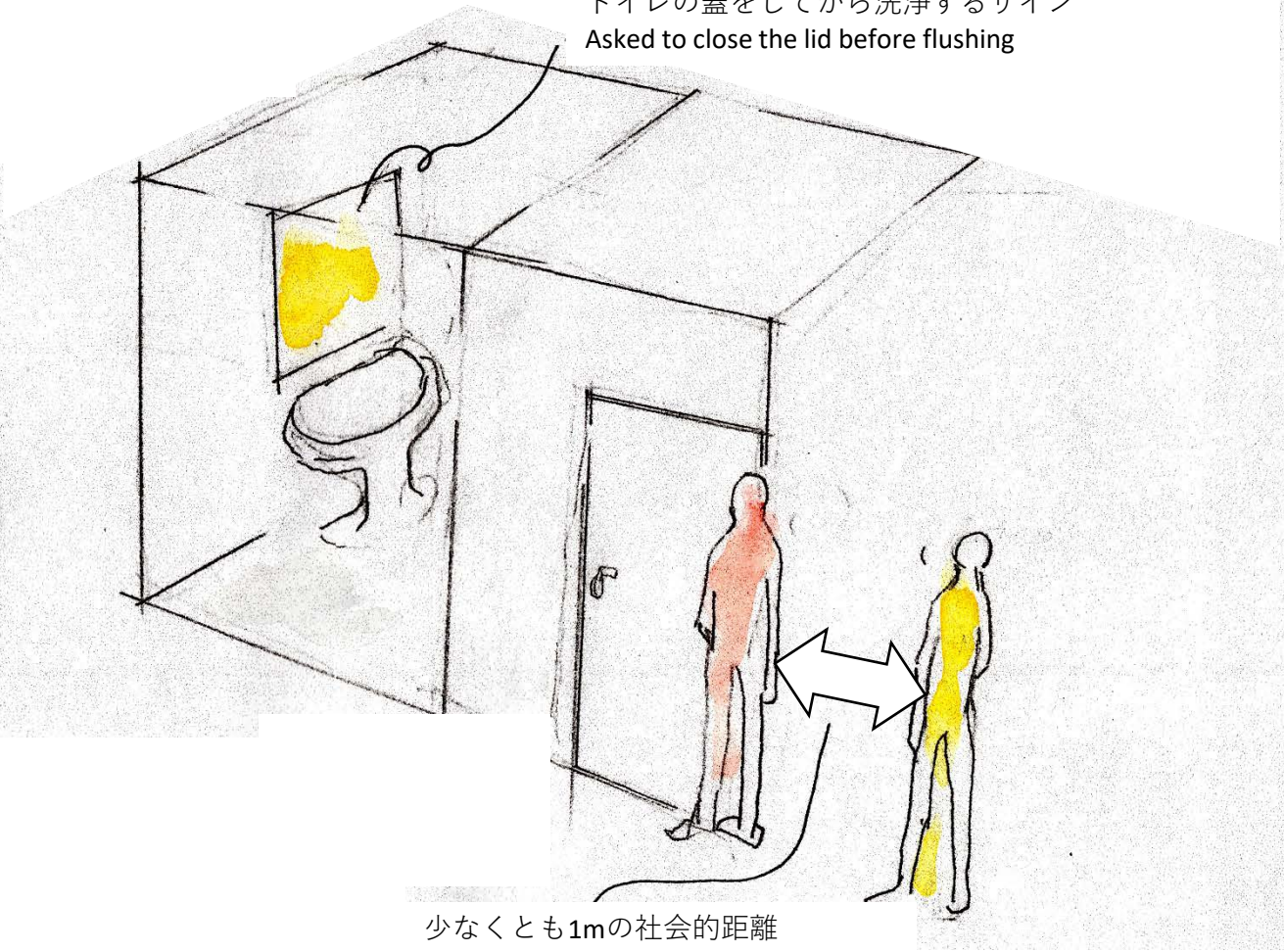
空気清浄機 Air purifier
・空気清浄機で室内空気中の
のウイルスを削減する
Air purifier for reducing
airborne droplets carrying
viruses

透明アクリル板を設置するアイデアも
Installing transparent acrylic plates would allow sitting closer to each other?

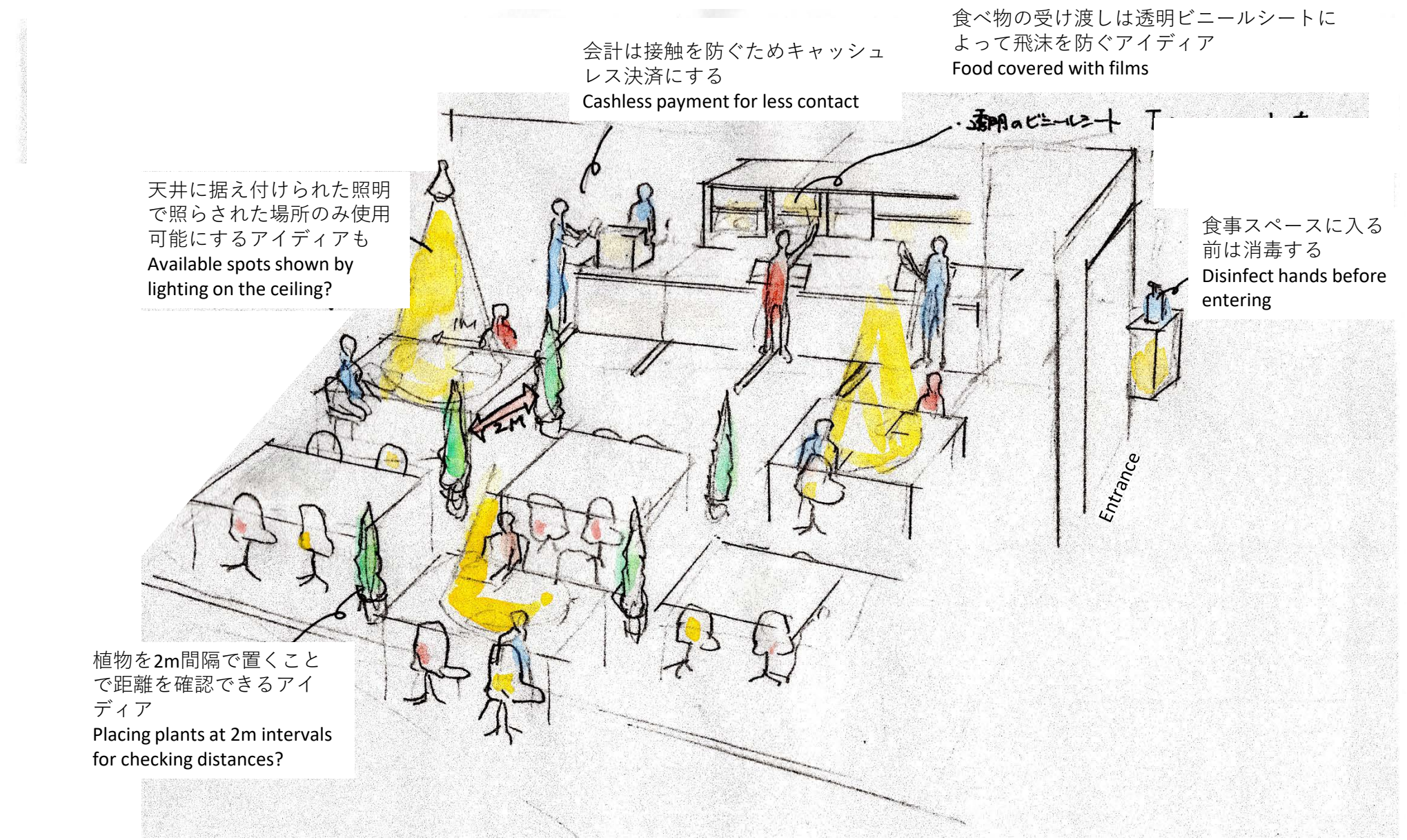
丁寧な手洗いの仕方
のサイン
Instructions on how
to wash hands



トイレの蓋をしてから洗浄するサイン
Asked to close the lid before flushing



少なくとも1mの社会的距離
Keep a distance of 1m at least



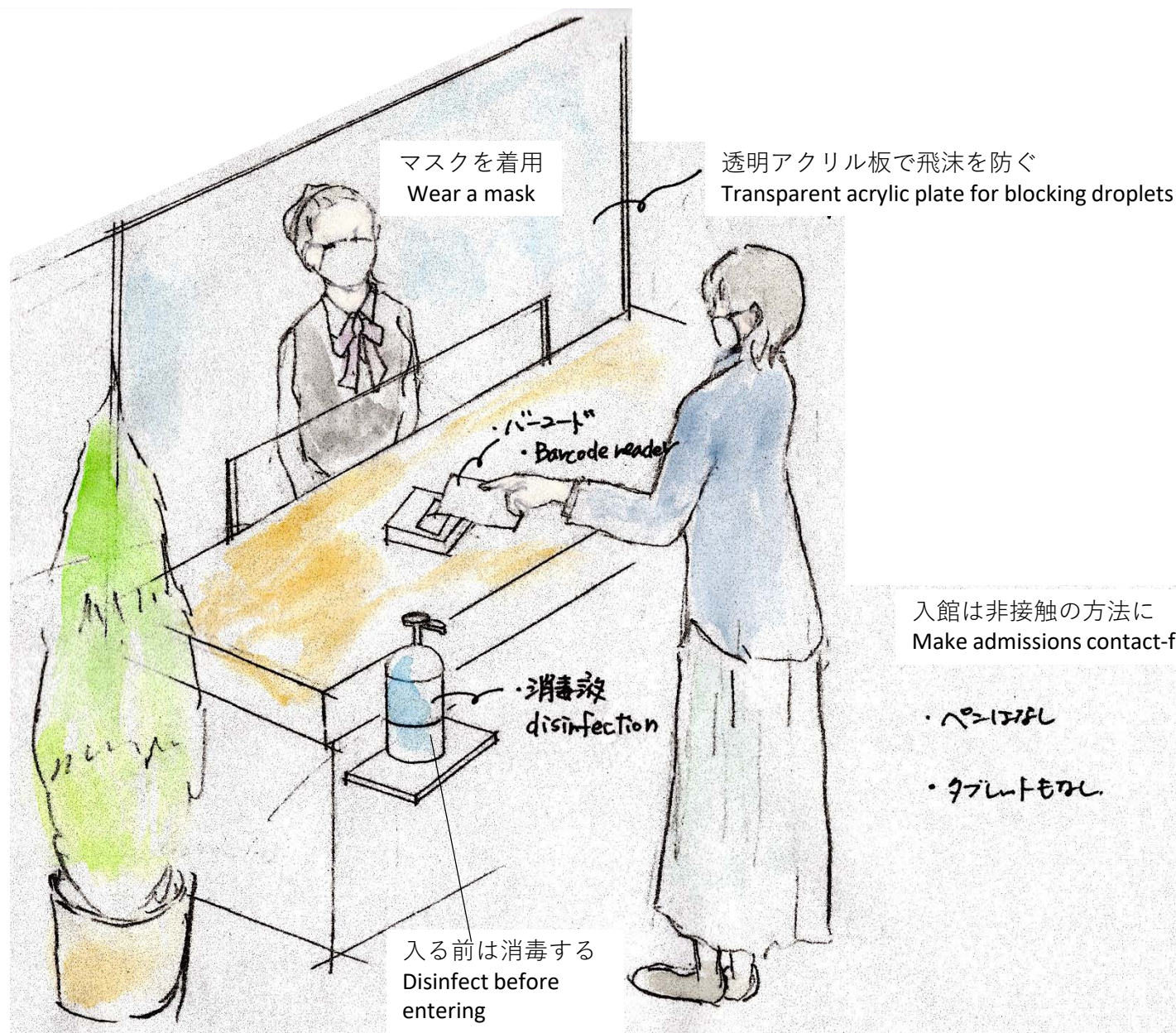
会計は接触を防ぐためキャッシュレス決済にする
Cashless payment for less contact

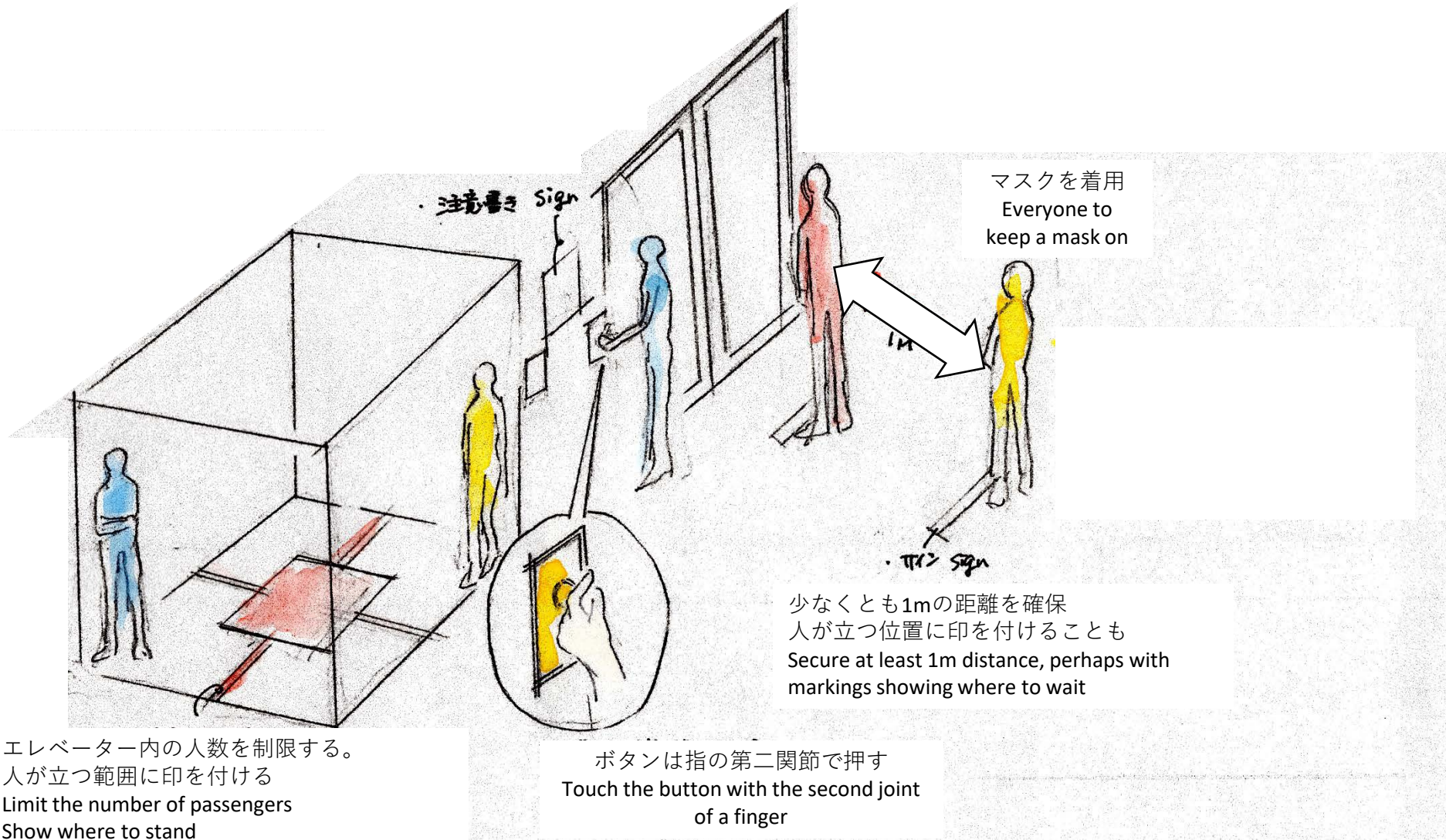
食べ物の受け渡しは透明ビニールシートによって飛沫を防ぐアイデア
Food covered with films

天井に据え付けられた照明で照らされた場所のみ使用可能にするアイデアも
Available spots shown by lighting on the ceiling?

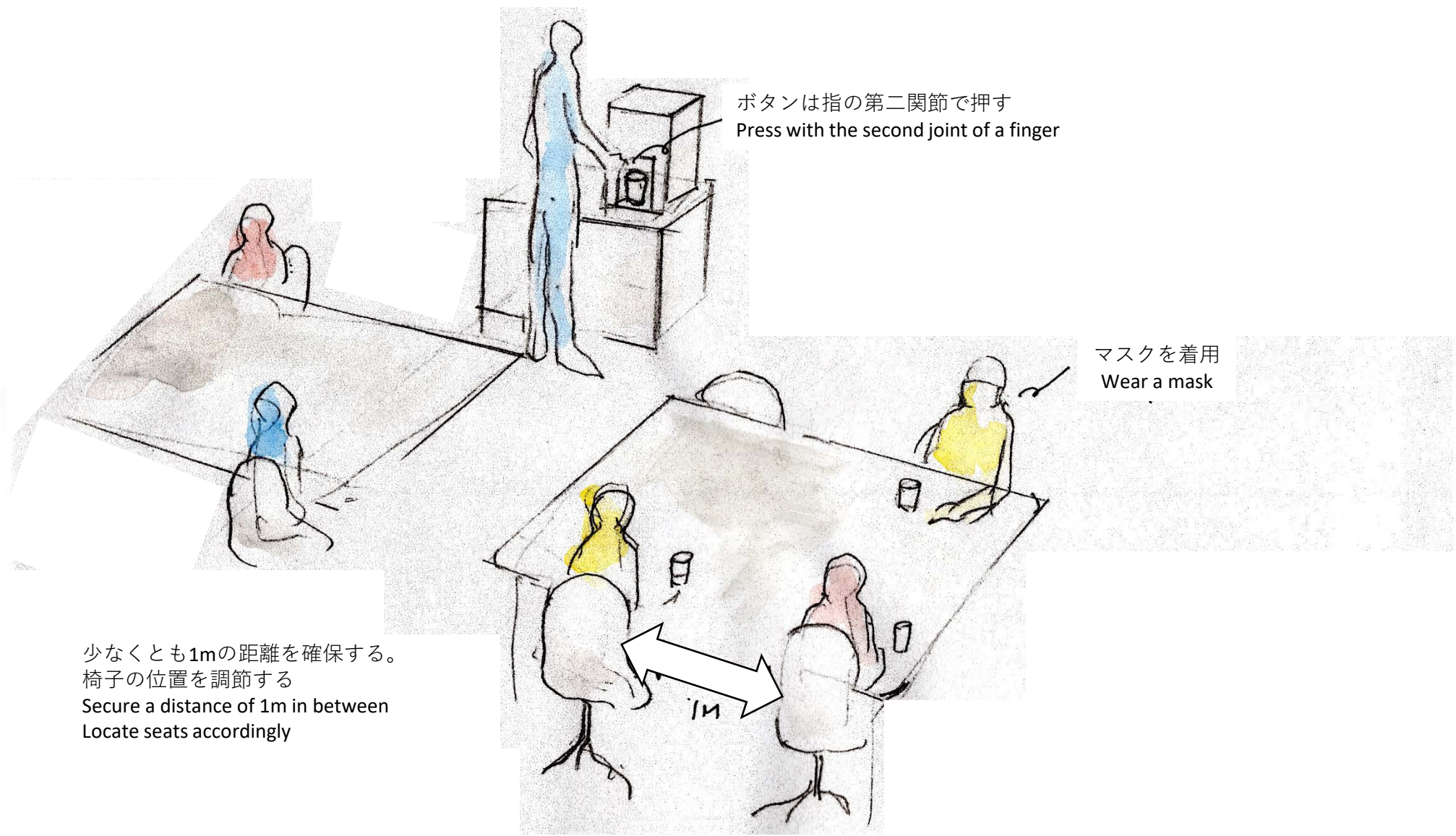
食事スペースに入る前は消毒する
Disinfect hands before entering

植物を2m間隔で置くことで距離を確認できるアイデア
Placing plants at 2m intervals for checking distances?





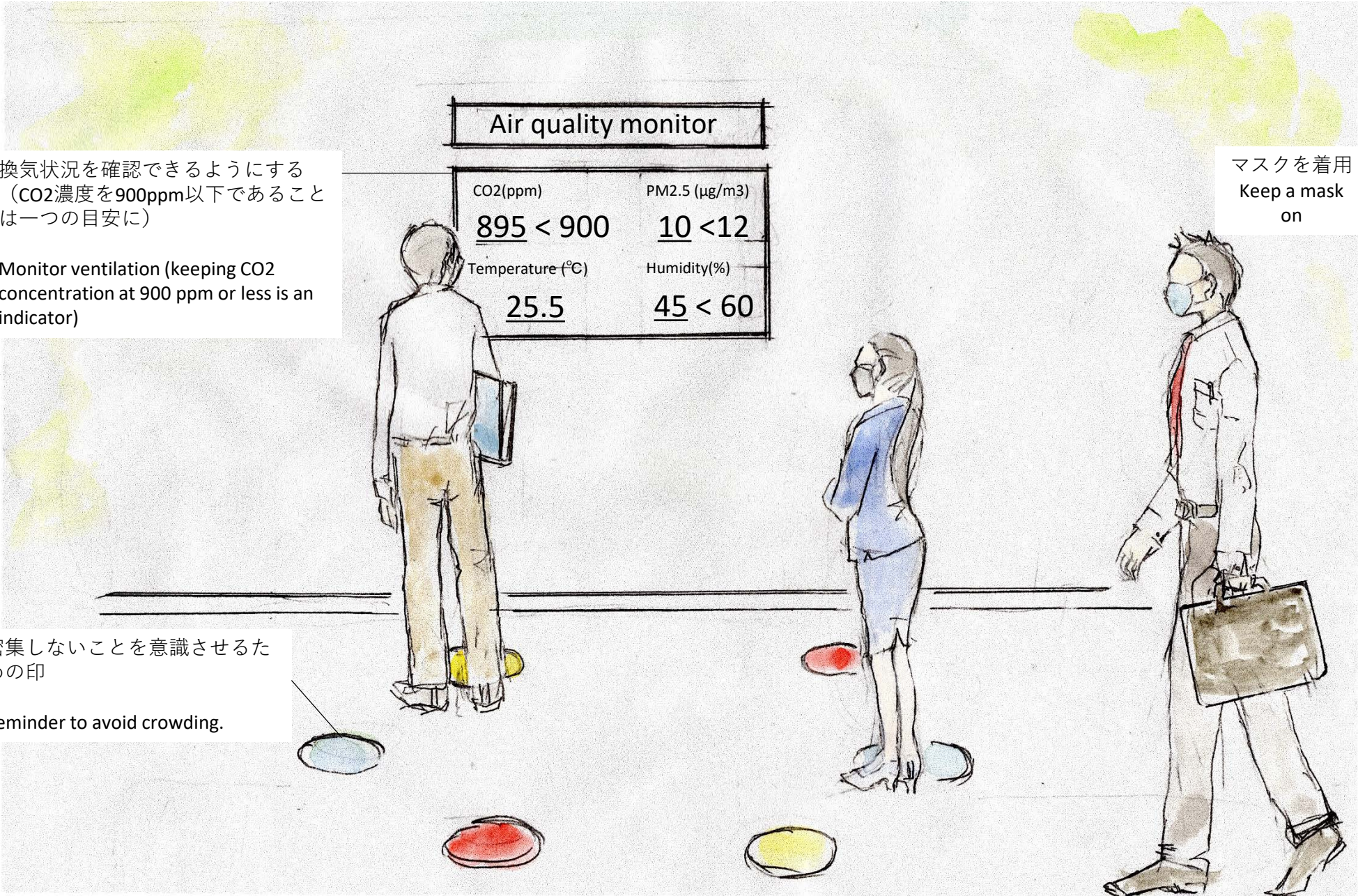
■休憩スペース Restorative spaces



歩行レーンを設定することも
Set walking lanes?



足で手指消毒液を出す
Use a foot to disinfect hands.



換気状況を確認できるようにする
(CO2濃度を900ppm以下であることは一つの目安に)

Monitor ventilation (keeping CO2 concentration at 900 ppm or less is an indicator)

マスクを着用
Keep a mask on

密集しないことを意識させるための印

Reminder to avoid crowding.

Comments or questions?

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