



Salford Museum and Art Gallery (SMAG) – Monitoring zones and sensors locations...

Number of sensors in each zone:

Zone 1 (Back art store _paintings): 1RH/T +1MD +1T +2L +1CO2 +1AP

Zone 2 (Store_ Museum's collection): 1RH/T +1MD +1T +2L +1CO2 +1AP

Zone 3 (Langworthy Gallery):

1RH/T +2MD +4T @2 different heights +2L +1CO2 +1AP +1AV

Zone 4 (Victorian Gallery):

1RH/T +2MD +4T @2 different heights +2L +1CO2 +1AP +1AV

Total number of sensors: 38

| | | |
|---|----|---|
| Relative Humidity/Temperature Sensors (RH/T) | 4 | ● |
| Motion Detection Sensor (MD) | 6 | ● |
| Thermocouple Sensor (Tem) | 10 | ● |
| Light Meter (Li) | 8 | ● |
| Carbon Dioxide (CO2) Sensors | 4 | ● |
| Air Particulate Meter (AP) | 4 | ● |
| Air Velocity / Speed Sensor (AV) | 2 | ● |



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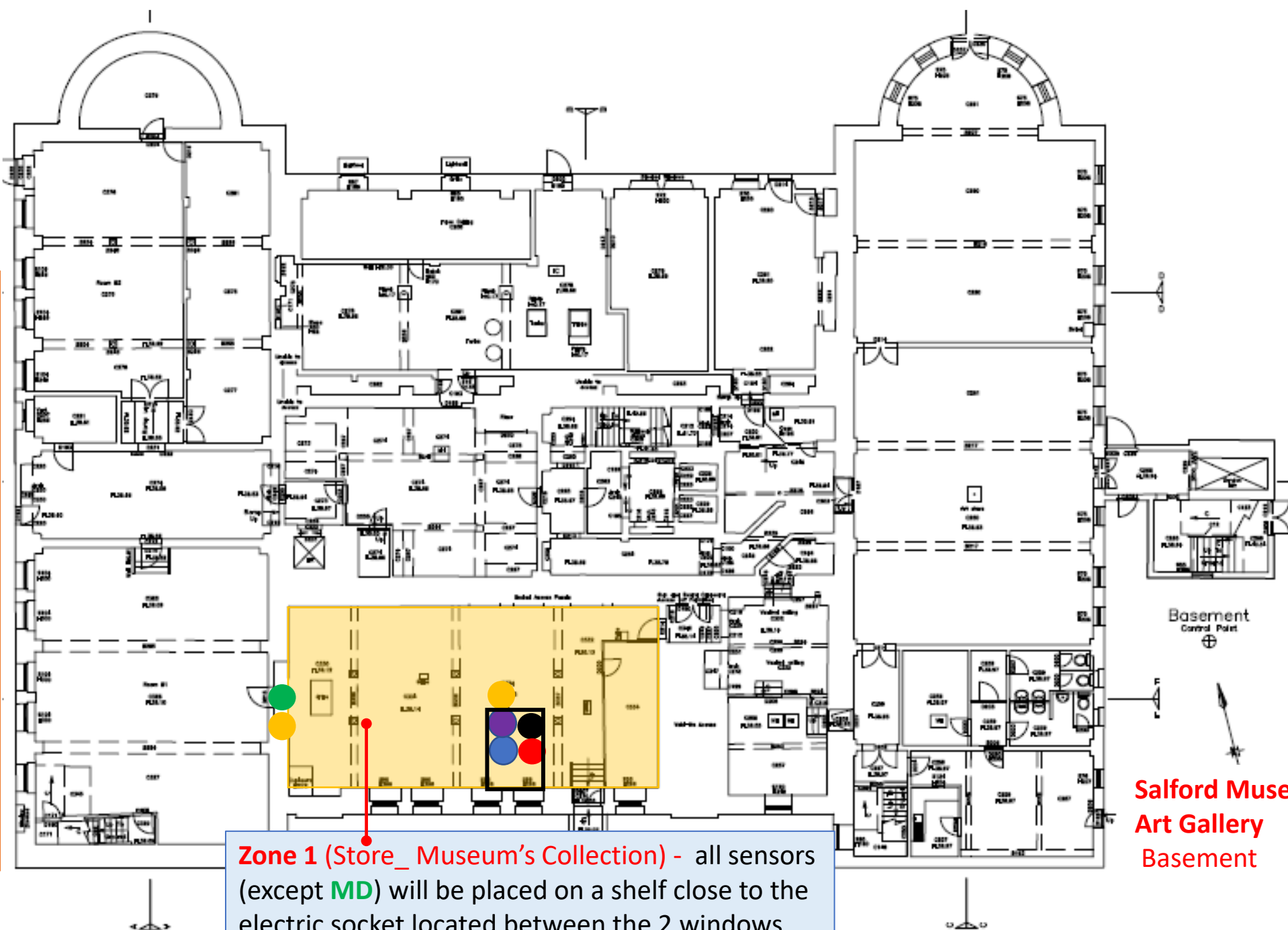


Monitoring Object and Visitor
Environments (MOVE)

Zone 1:

- 1 RH/T ●
- 1 MD ●
- 1 Tem ●
- 2 Li ●
- 1 CO2 ●
- 1 AP ●

Height for all
sensors ($\approx 1.6\text{m}$)
except for MD
which will be
located on top of
the door)



Zone 1 (Store_ Museum's Collection) - all sensors
(except **MD**) will be placed on a shelf close to the
electric socket located between the 2 windows.

**Salford Museum &
Art Gallery
Basement**



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Monitoring Object and Visitor
Environments (MOVE)

Zone 3:

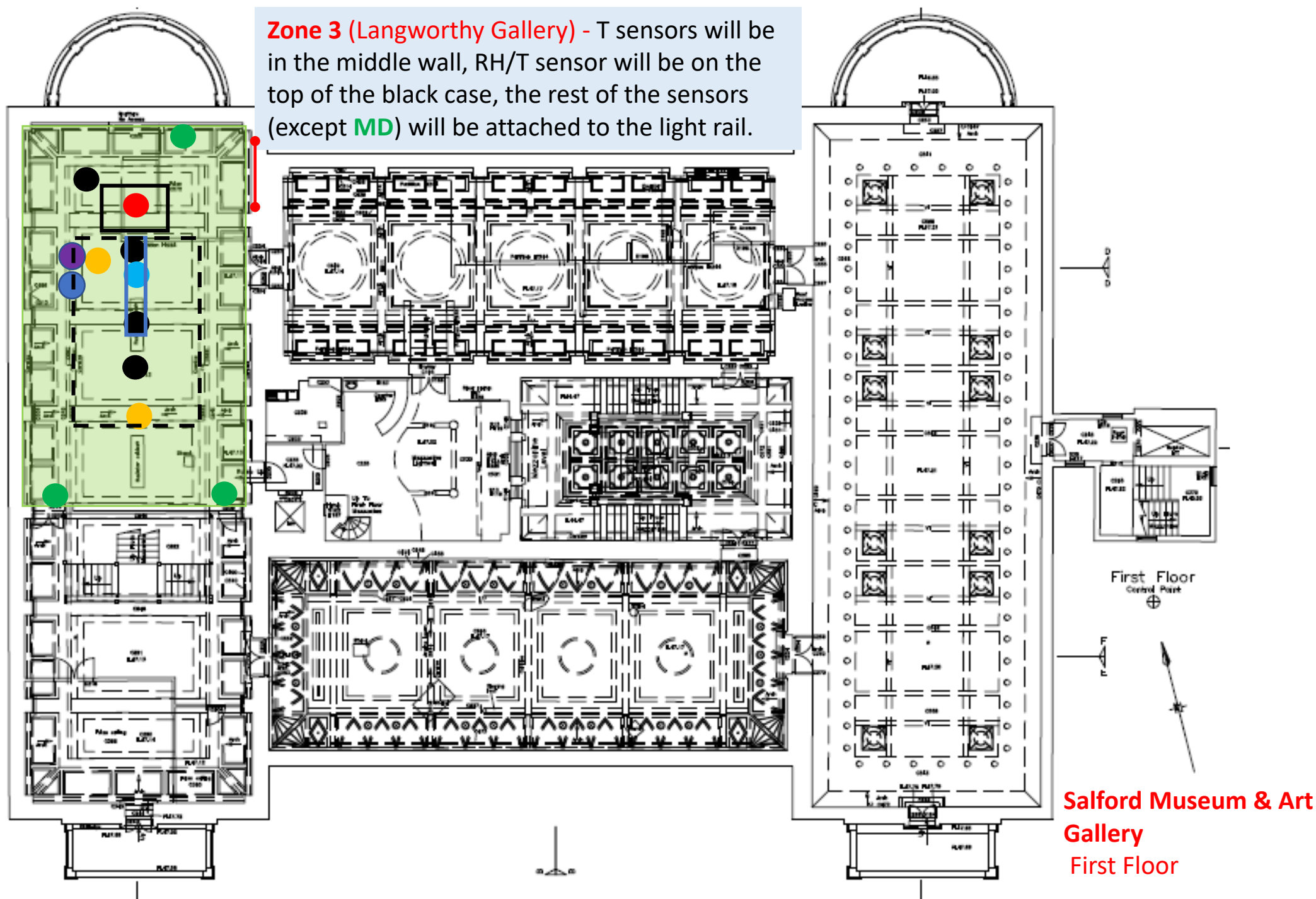
- 1 RH/T ●
- 2 MD ●
- 4 Tem ●
- 2 Li ●
- 1 CO₂ ●
- 1 AP ●
- 1 AV ●

Heights depend
on the case and
rail.

MD: on top of the
doors,
2T : 1.6 m,
2T : on top of the
middle wall.

RH/T: on top of
the case.

Zone 3 (Langworthy Gallery) - T sensors will be
in the middle wall, RH/T sensor will be on the
top of the black case, the rest of the sensors
(except **MD**) will be attached to the light rail.



**Salford Museum & Art
Gallery**
First Floor



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Monitoring Object and Visitor
Environments (MOVE)

Zone 3:

1 RH/T ●

2 MD ●

4 Tem ●

2 Li ●

1 CO2 ●

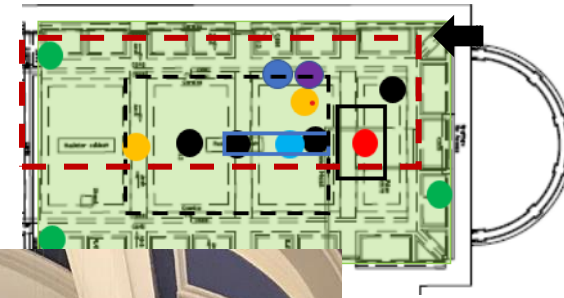
1 AP ●

1 AV ●

Heights depend
on the case and
rail.

MD: on top of the
doors,
2T : 1.6 m,
2T : on top of the
middle wall.

RH/T: on top of
the case.





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Monitoring Object and Visitor
Environments (MOVE)

Zone 3:

1 RH/T ●

2 MD ●

4 Tem ●

2 Li ●

1 CO₂ ●

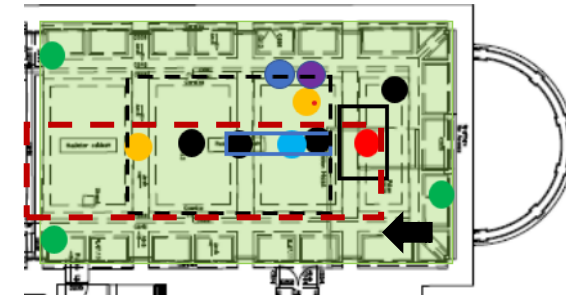
1 AP ●

1 AV ●

Heights depend
on the case and
rail.

MD: on top of the
doors,
2T : 1.6 m,
2T : on top of the
middle wall.

RH/T: on top of
the case.





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Monitoring Object and Visitor
Environments (MOVE)

Zone 3:

1 RH/T ●

2 MD ●

4 Tem ●

2 Li ●

1 CO2 ●

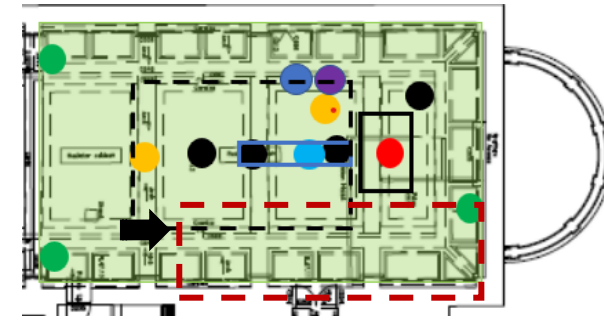
1 AP ●

1 AV ●

Heights depend
on the case and
rail.

MD: on top of the
doors,
2T : 1.6 m,
2T : on top of the
middle wall.

RH/T: on top of
the case.



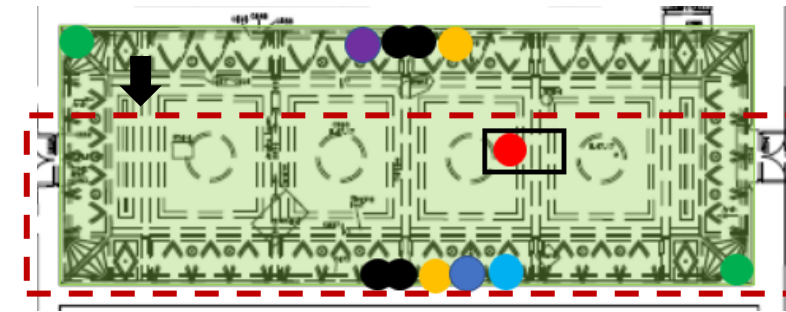


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Monitoring Object and Visitor
Environments (MOVE)



Zone 4:

1 RH/T ●

2 MD ●

4 Tem ●

2 Li ●

1 CO2 ●

1 AP ●

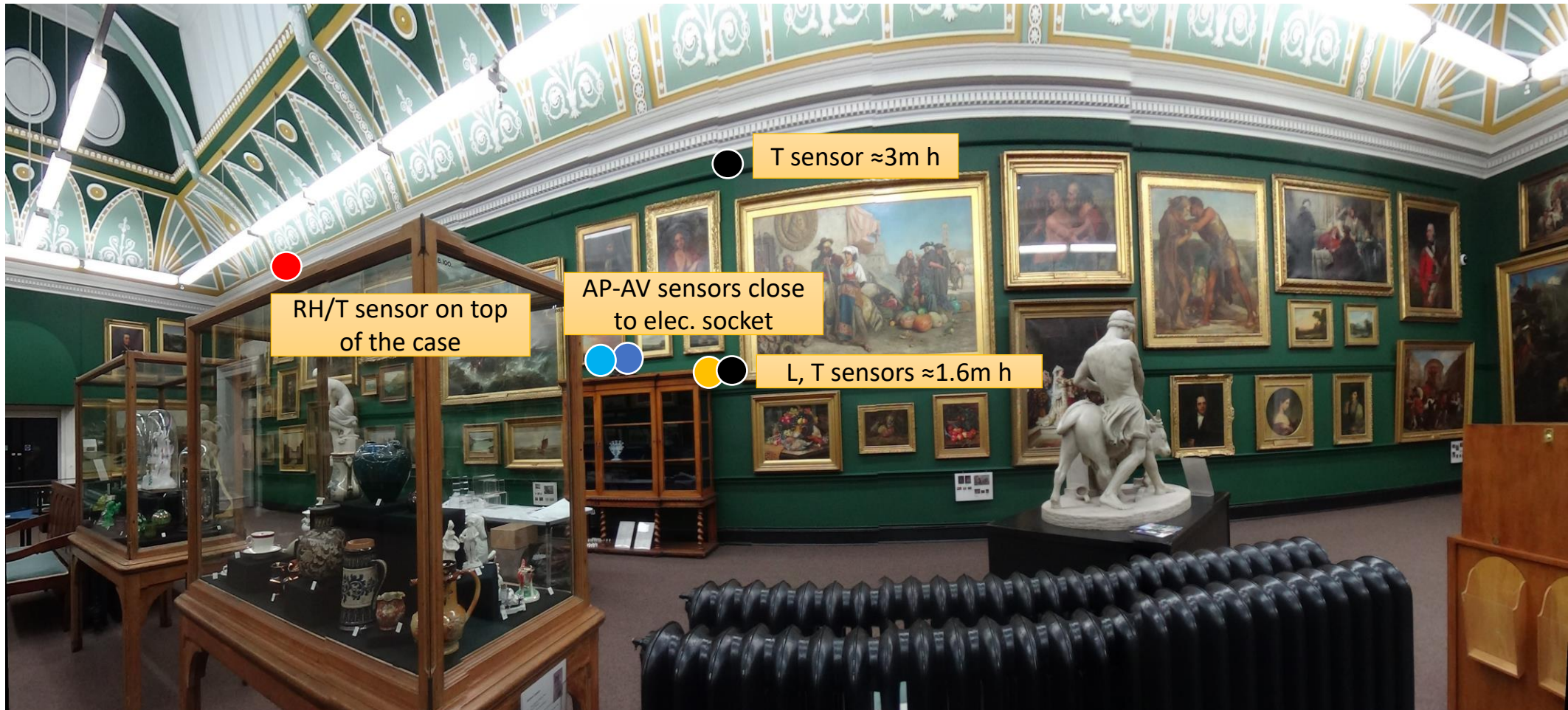
1 AV ●

Height for all
sensors ($\approx 1.6\text{m}$)
except for:

MD: @ the same
level of CCTV

2T on each side
@ ($\approx 3\text{ m}$)

RH/T: on top of
the case



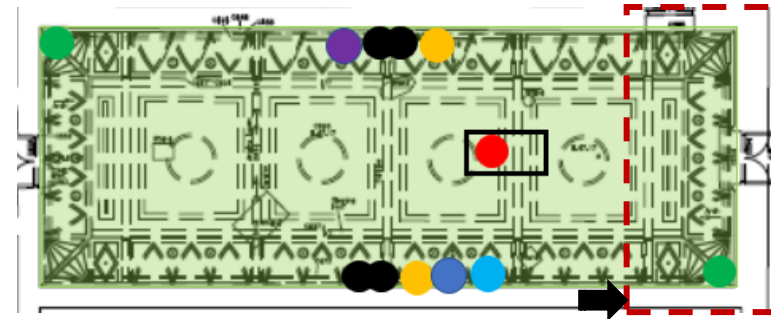


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Monitoring Object and Visitor
Environments (MOVE)



Zone 4:

1 RH/T ●

2 MD ●

4 Tem ●

2 Li ●

1 CO2 ●

1 AP ●

1 AV ●

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2T on each side
@ ($\approx 3\text{ m}$)

RH/T: on top of
the case



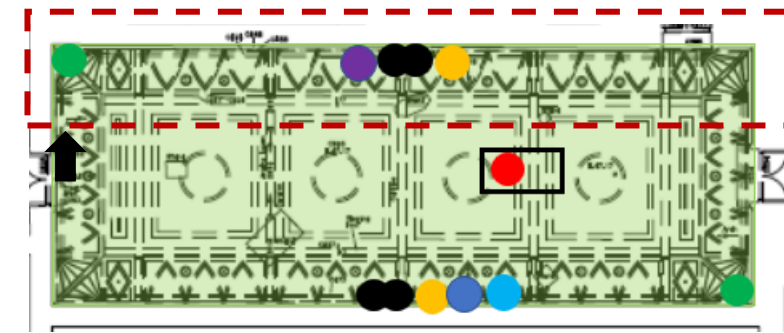


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Zone 4:

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2 MD ●

4 Tem ●

2 Li ●

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1 AV ●

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