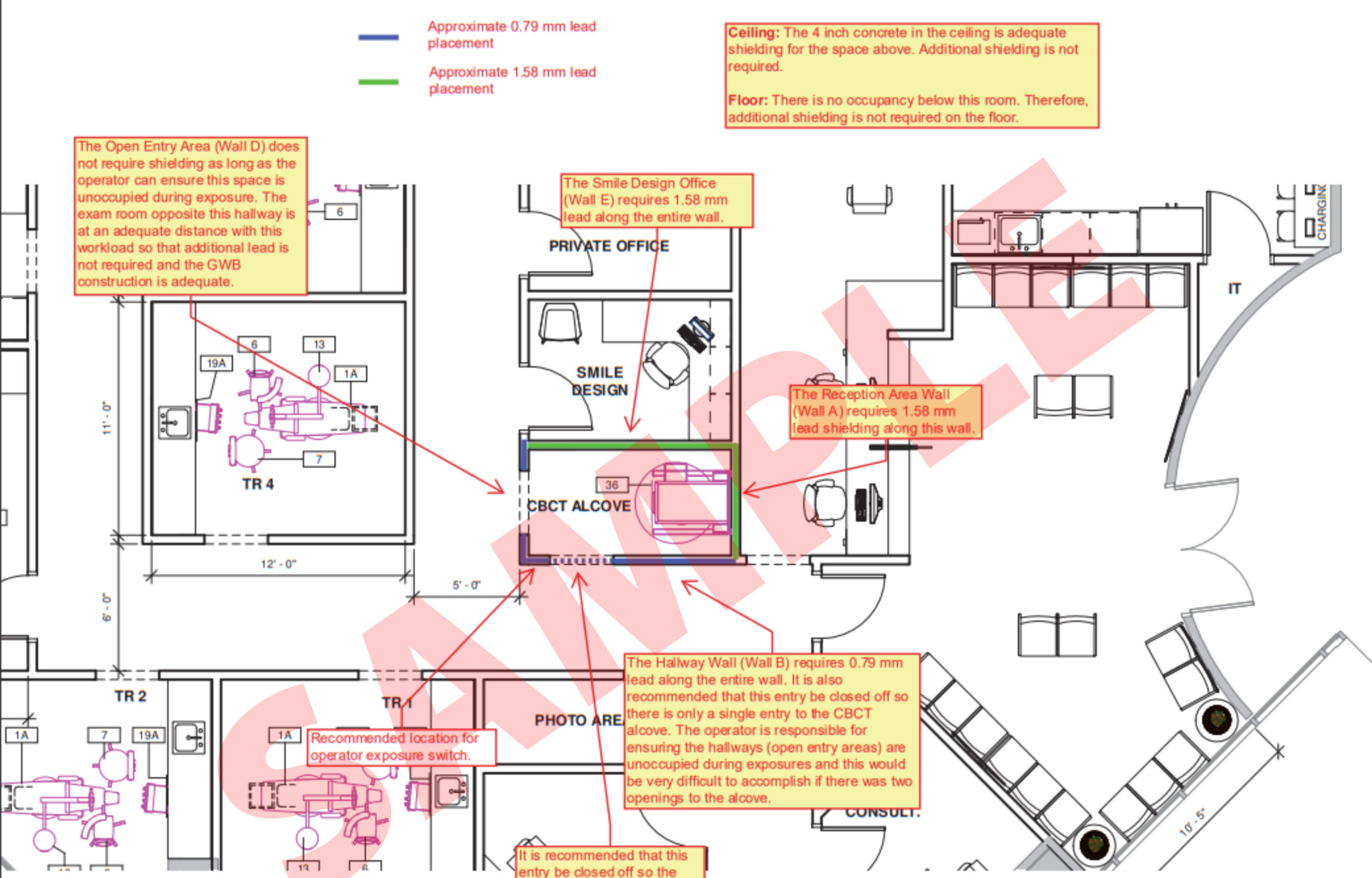
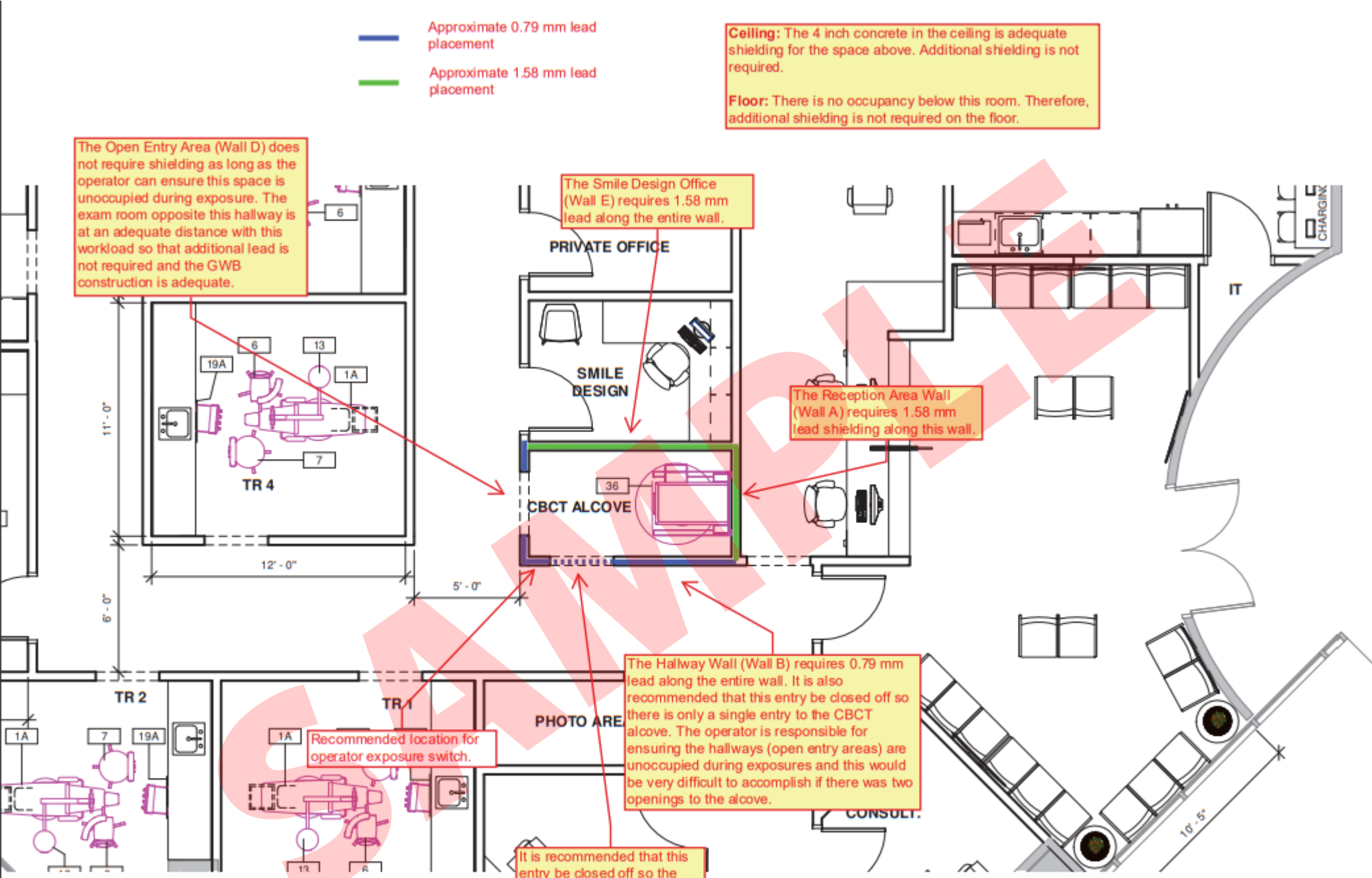

Approximate 0.79 mm lead placement
Approximate 1.58 mm lead placement
Ceiling: The 4 inch concrete in the ceiling is adequate shielding for the space above. Additional shielding is not required.
Floor: There is no occupancy below this room. Therefore, additional shielding is not required on the floor.
The Open Entry Area (Wall D) does not require shielding as long as the operator can ensure this space is unoccupied during exposure. The exam room opposite this hallway is at an adequate distance with this workload so that additional lead is not required and the GWB construction is adequate.
The Smile Design Office (Wall E) requires 1.58 mm lead along the entire wall.
PRIVATE OFFICE
SMILE DESIGN
CBCT ALCOVE
TR 4
TR 2
TR 1
PHOTO ARE
IT
CONSULT
The Reception Area Wall (Wall A) requires 1.58 mm lead shielding along this wall.
The Hallway Wall (Wall B) requires 0.79 mm lead along the entire wall. It is also recommended that this entry be closed off so there is only a single entry to the CBCT alcove. The operator is responsible for ensuring the hallways (open entry areas) are unoccupied during exposures and this would be very difficult to accomplish if there was two openings to the alcove.
Recommended location for operator exposure switch.
It is recommended that this entry be closed off so the operator can monitor the single entry and ensure it is unoccupied during exposures.
12' - 0"
11' - 0"
6' - 0"
5' - 0"
10' - 5"

SAMPLE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The Smile Design Office (Wall E) requires 1.58 mm lead along the entire wall.
PRIVATE OFFICE
SMILE DESIGN
CBCT ALCOVE
TR 4
TR 2
TR 1
PHOTO ARE
IT
CHARGIN
CONSULT
The Reception Area Wall (Wall A) requires 1.58 mm lead shielding along this wall.
The Hallway Wall (Wall B) requires 0.79 mm lead along the entire wall. It is also recommended that this entry be closed off so there is only a single entry to the CBCT alcove. The operator is responsible for ensuring the hallways (open entry areas) are unoccupied during exposures and this would be very difficult to accomplish if there was two openings to the alcove.
Recommended location for operator exposure switch.
It is recommended that this entry be closed off so the operator can monitor the single entry and ensure it is unoccupied during exposures.
11' - 0"
12' - 0"
6' - 0"
5' - 0"
10' - 5"
6
13
19A
1A
7
36

SAMPLE