



HOTEL ROOM OF THE FUTURE **DESIGN CHALLENGE**

PRESENTED BY:



DESIGN BRIEF

DESIGN REQUIREMENTS

THESE ARE DETAILS THAT MUST BE INCLUDED
IN YOUR ENTRY FOR IT TO BE VALID

Your concept must:

- Fit within the footprint/ dimensions of the given room
- Preserve common expectations of a hotel room, including areas for sleep, work and relaxing (though not necessarily in current configuration)
- Preserve bed and mattress size as listed in provided room layout.
- Be applicable to specific room but scalable and flexible to other room configurations.

Include at least 3 appliance concepts with:

- A description of how these would work, and why they are important to travelers
- A rendering of each as they would appear in the room/ within the floorplan.

Technology and concepts must be developable using materials and processes available within 1-2 years.

DESIGN GUIDELINES

THINK OF THESE AS BEST PRACTICES TO
CONSIDER DURING DESIGN BRAINSTORMING

- Simplicity/ intuitiveness for guests should be considered foremost in the overall experience.
- Design should strive to create a unique future experience, with a focus on innovation in both new technology integration and user experience.
- Room should be universally accessible for all types of users, ensuring layout is safe and easily lived in.

CURRENT ROOM

THE CURRENT ROOM LAYOUT, AS WELL AS WHAT IS INCLUDED IN STANDARD FURNISHINGS.

FURNISHINGS, EQUIPMENT, + CONTROLS

- 42" flat screen LG TV (1 coax and 1 duplex)
- Minibar (wireless)
- Guest phone analog (Vtech A-2100)
- Docking Station iHome iPL10 1 outlet coordinate AC adapter on cord
- Coffeemaker Nespresso pixie 1 outlet
- Safe
- Hairdryer
- Waste bins
- Ice bucket
- plastic water bottles

ROOM SYSTEMS

LIGHTING

- LT-100 entry light with a 3000k LED bulb.
- LT-101 Desk Pendant type lamp with a 2700k LED bulb.
- Table lamp with 3-way 2700K LED 3-way bulb
- Floor lamp with a 3-way 2700k LED bulb.
- Locally controlled bedside lamp and floor lamps.

PLUMBING

- Toilet: Kohler Kingston K-4325 toilet
- Sink: Kohler Verticyl undercounter lavatory K-2883
- Sink controls: Kohler purist widespread sink faucet K-14406-3
- Shower controls: Kohler purist bath and shower trim set K-T14420

AV/IT

Single network connection at desk. No other network jacks in the room. Wifi provided by ruckus systems with access points located in the corridors.

FURNISHINGS(SEE PLAN)

CONTROLS

Entry door hardware by Ving. Ving magnetic locks use vision management software (make keys, etc).

RFID system anticipated this year by Ving

- Standards dimensions and clearances:
DQ mattress = 60" x 80"
desk height = 30-32"
path of travel clearance = 30"

ELECTRICAL

General:

- Duplex near closet for ironing
- Duplex on far wall opposite guest entry for vacuuming

Bedside:

- Guest convenient unswitched outlet: one duplex with power/USB at each nightstand

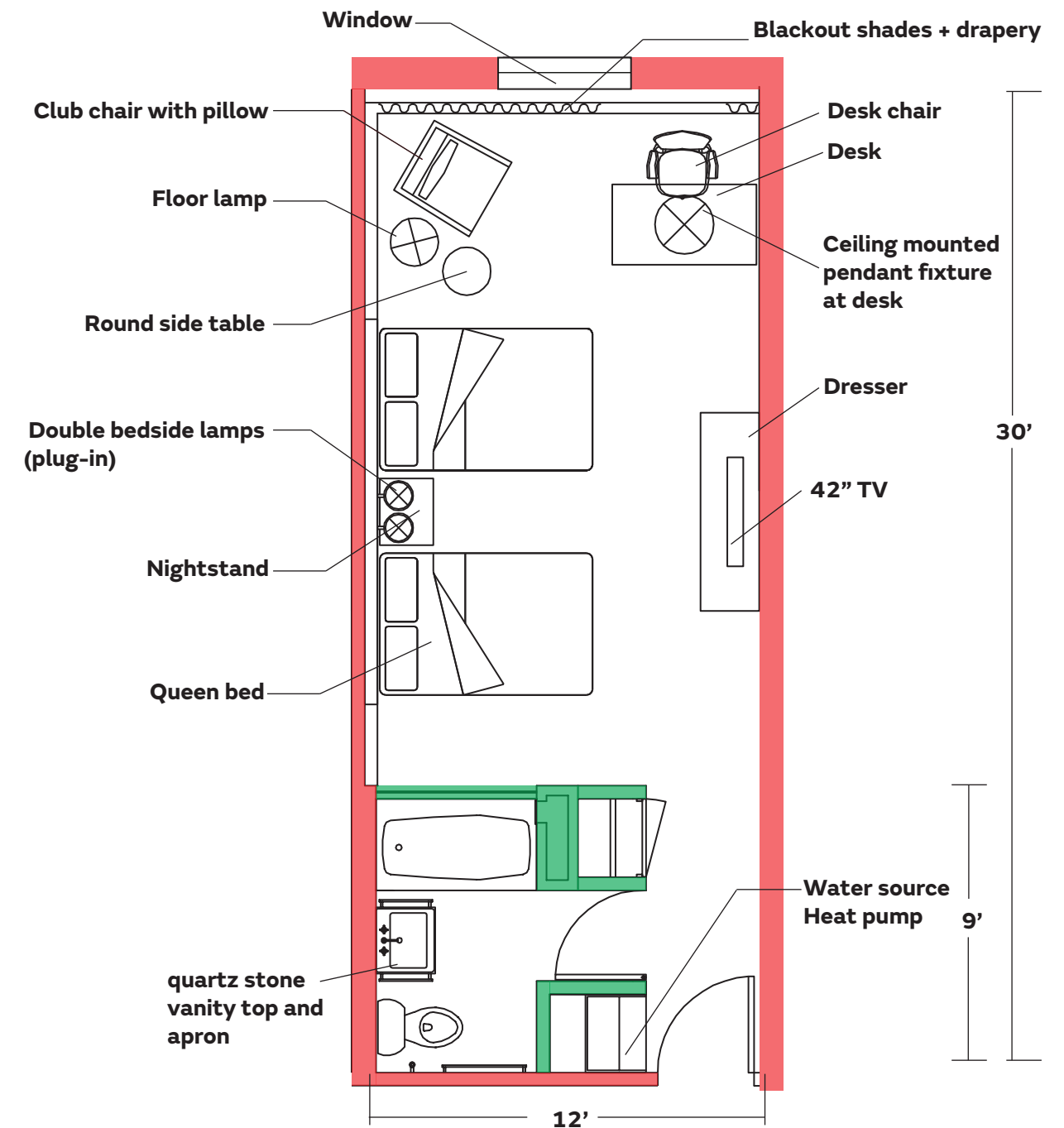
HVAC

1 or 2 ton water source heat pumps which is controlled by a programmable Inncom thermostat (not networked at Louisville property)

ACOUSTICS

Wall and floor assemblies are designed to the following basic criteria:

- STC rating = min 50
- NIC room rating = ASHRAE NC 30 (35 dBA)
- Doors in sound rated walls are to be properly sealed, gasketed and undercut to maintain acoustic separation.
- Windows in sound rated walls and exterior envelope to be insulated and double paned to maintain acoustic separation.



■ Structural walls cannot be removed. Surface modification only.

■ Walls can be modified, but only if consideration is given to plumbing, electric, etc.

PLAN & ELEVATION DRAWINGS

REFERENCE THESE DRAWINGS FOR SPACE ENVELOPE DETAILS & KEY DIMENSIONS

