

- Coach Areas
- Sleeper Bedrooms
- Food & Beverage
- Toilets & Showers**
- Common Use Areas

Amtrak® Long Distance Product Features

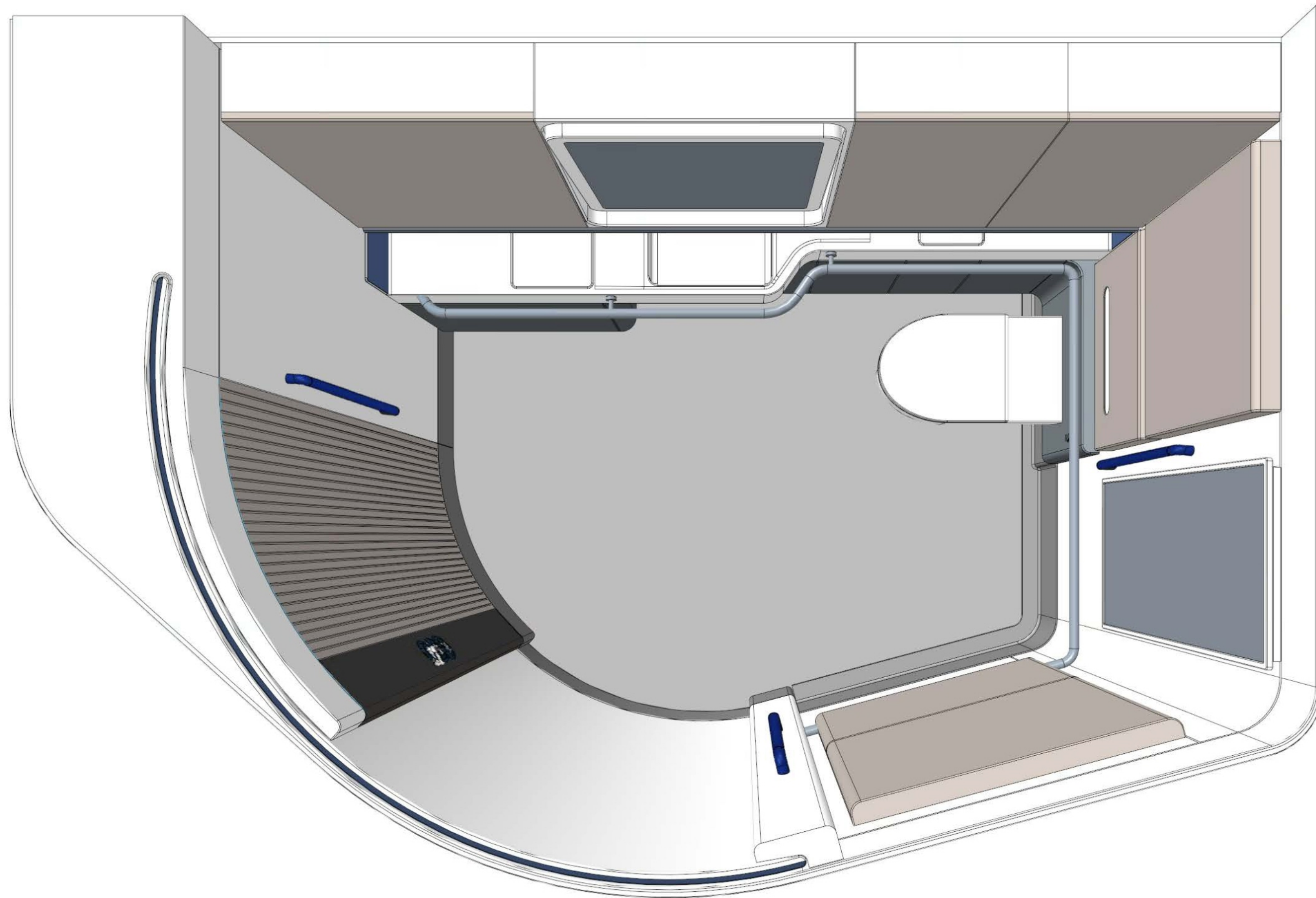
Toilets & Showers

- Coach Areas
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Amtrak® Long Distance Product Features

11 | Accessible Toilet Room

ATR | General

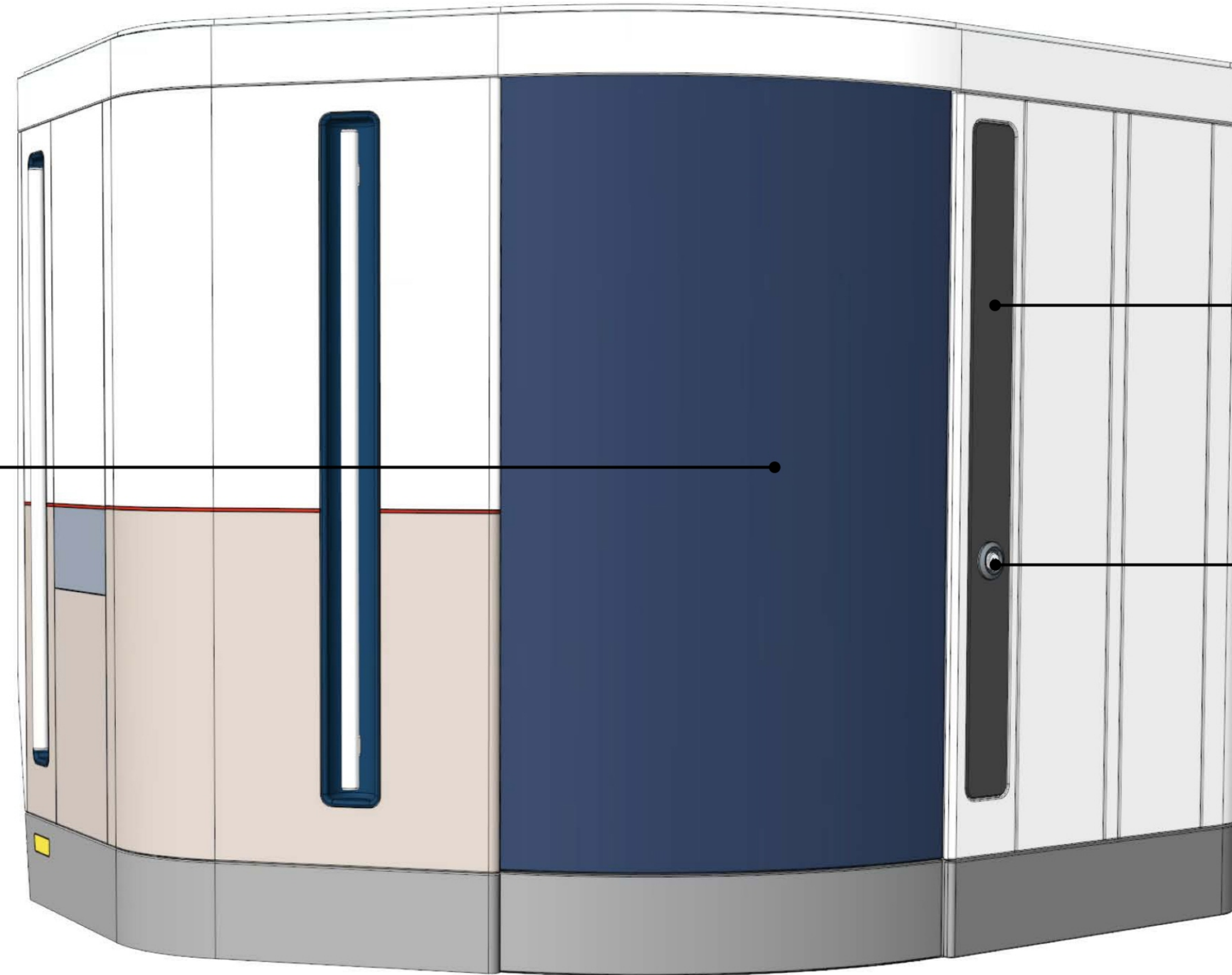


The Accessible Toilet Room

The ATR is ADA compliant but also taking on the RVAAC enhanced accessibility recommendations for restrooms.

Design will be subject to mockup, user testing and Amtrak approval.

ATR | Amenities and Features



Branding and Information Panel

A space should be reserved for signage and branding.

Occupied Light

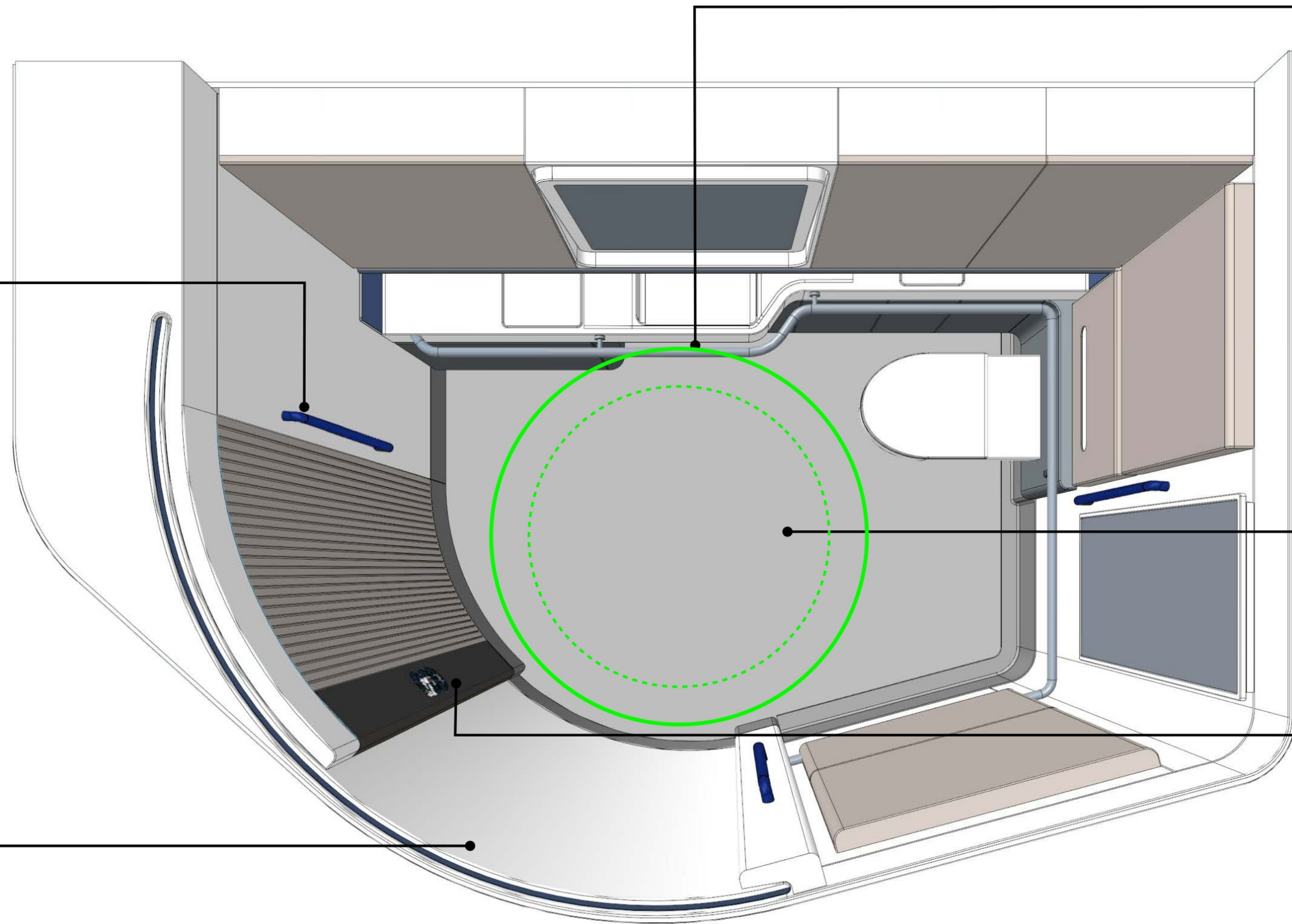
A clear signal to show if the toilet is occupied/available or out of service should be provided.

Room Door Controls

The controls for the bathroom door must be ADA compliant in position, size and configuration. The buttons should be easy and intuitive to use. The buttons should have visual and haptic feedback for occupied, out of service and available.

ATR | Accessibility

ATR | Accessibility



Vertical Handrails

ADA compliant vertical handrails shall be provided and will be subject to review during mockup stages.

Toilet + Sink Handrail

ADA compliant horizontal handrails positioned in the toilet and sink area. The handrail should be a compliant height and length. The handrails should be one continuous loop where possible.

60" Turning Circle

A 60" turning circle should be provided inside the toilet with the door closed.

Room Door Controls

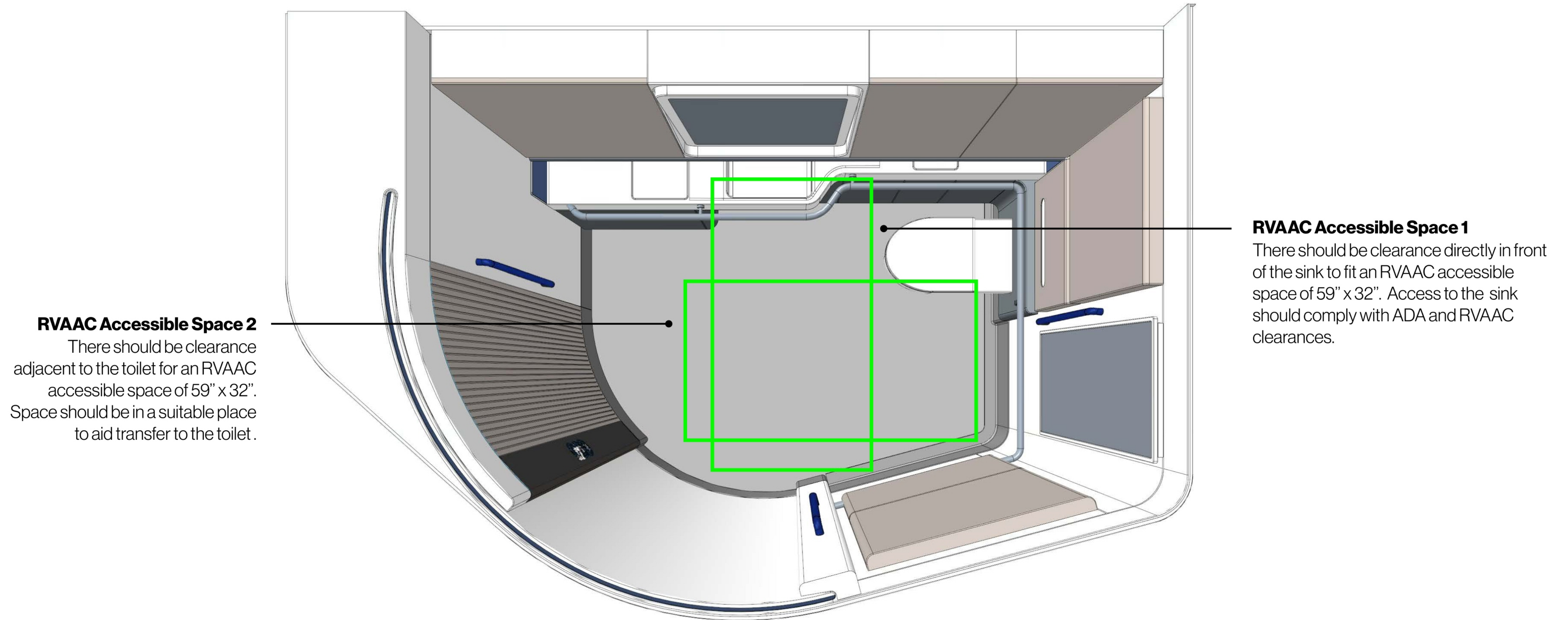
The controls for the bathroom door must be ADA compliant in position, size and configuration. The buttons should be easy and intuitive to use. An accessible manual lock should be included with an indicator to show lock condition. The buttons should have visual and haptic feedback.

44" Toilet Door

The toilet door should be an automatic sliding door and should have a minimum clear opening of 44".

***The position of all accessible interaction points, turning spaces and clearances will be subject to review, mockups, and user testing.**

ATR | Accessibility

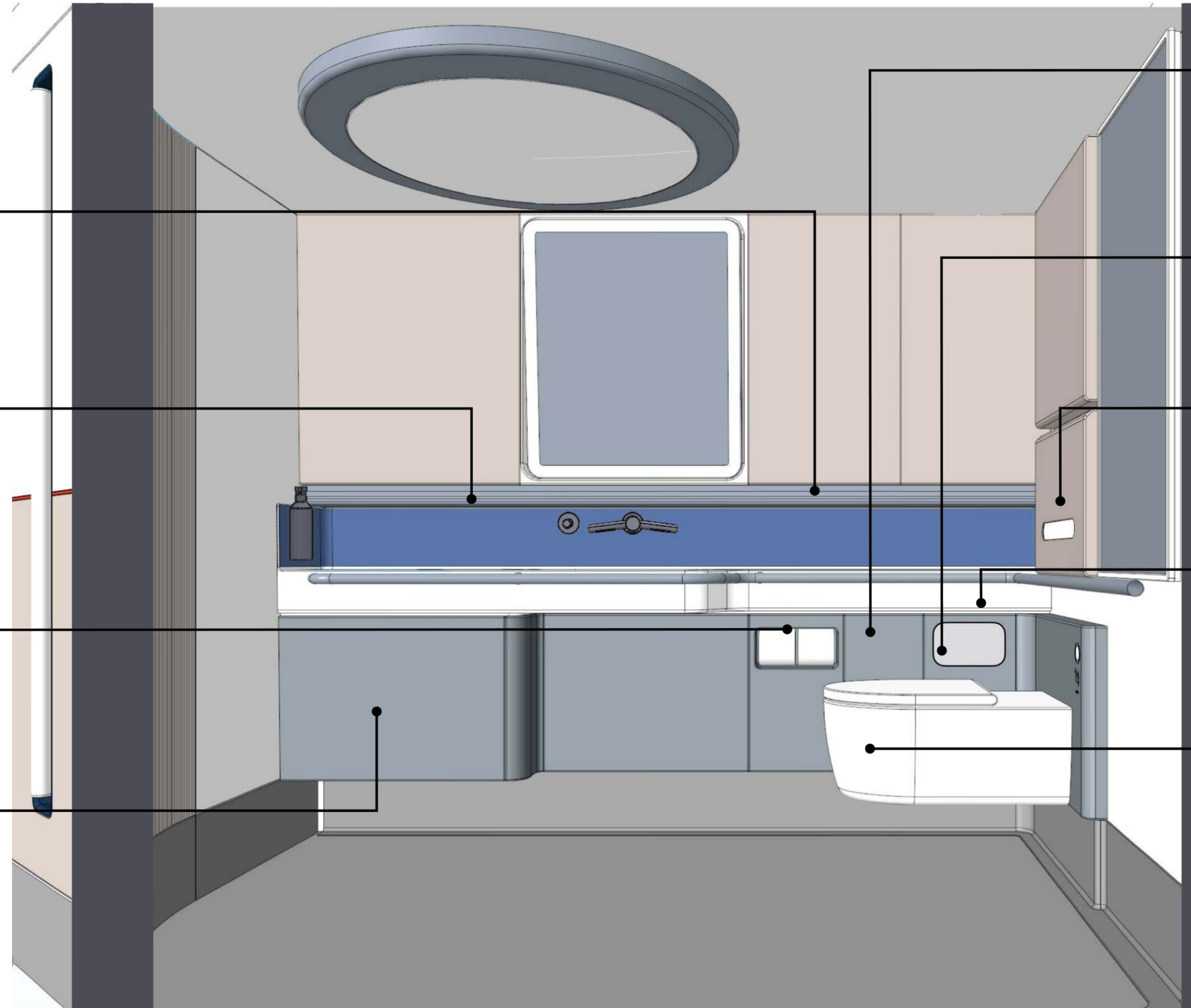


RVAAC Accessible Space 1
There should be clearance directly in front of the sink to fit an RVAAC accessible space of 59" x 32". Access to the sink should comply with ADA and RVAAC clearances.

RVAAC Accessible Space 2
There should be clearance adjacent to the toilet for an RVAAC accessible space of 59" x 32". Space should be in a suitable place to aid transfer to the toilet.

***The position of all accessible interaction points, turning spaces and clearances will be subject to review, mockups, and user testing.**

ATR | Amenities and Features



Paper Tissue Dispenser

A paper tissue dispenser should be positioned near the trash and sink. Position and function should comply with ADA.

Paper Towel Dispenser

A paper towel dispenser should be positioned near the trash and sink. Position and function should comply with ADA.

Toilet Paper Storage

The toilet paper should be stored in the wall of the bathroom. Position and function should comply with ADA.

Trash

A trash bin is provided to the right of the sink. The volume should be 16 gallons minimum. Position and function should comply with ADA. The opening to the trash should have a push flap or similar and be a minimum of 10" x 10".

Sanitary Waste

A sanitary bin with modesty flap is provided to the right of the toilet. Position and function should comply with ADA.

Call for Aid Button

There should be a call for aid button adjacent to the toilet. Position and function should comply with ADA.

Toilet Seat Cover Dispenser

A dispenser for paper toilet seat covers should be located by the toilet. Position and function should comply with ADA.

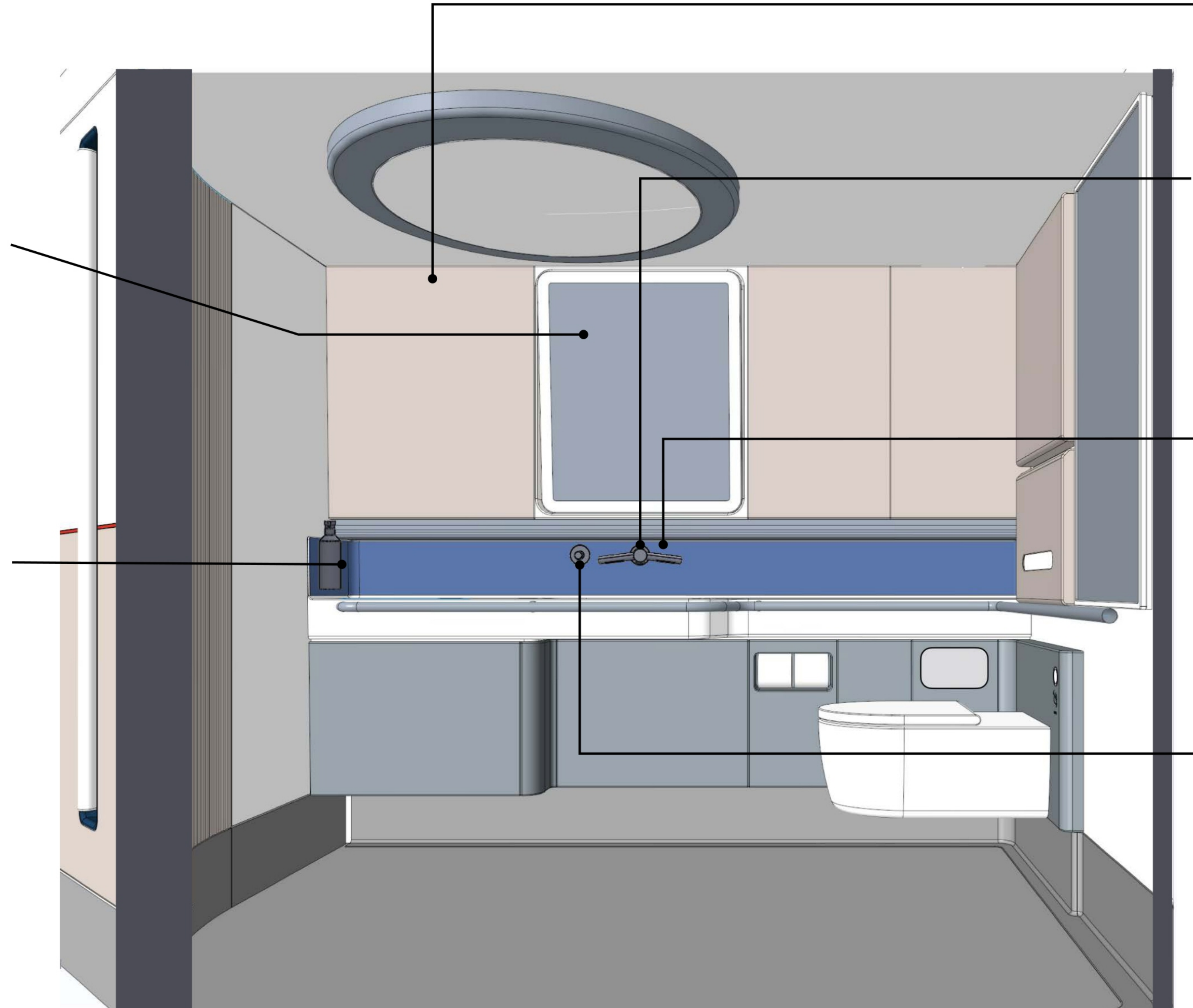
Toilet Flush

A two button push / touch-less flush is located on the back wall providing standard and eco flush. Position and function should comply with ADA.

Toilet

The toilet has a seat and a lid. The form of the toilet should be floating or undercut at the bottom to maximize wheelchair clearance. The design of the toilet, access and lid design will be subject to testing and ergonomic review during mockup stages and subject to the approval of Amtrak. Toilet seat and seat lid should all have soft close mechanisms.

ATR | Amenities and Features



Vanity Mirror

A large mirror is positioned in front of the sink. The bottom edge of the reflective surface should be a maximum of 40" above the finish floor. If this is not possible, the mirror should be angled with an accessible lever to allow wheelchair passengers to use. Dimensions, position and usability will be subject to Amtrak approval.

Hand Lotion Bottle

An area on the side of the sink should be reserved for a refillable hand lotion bottle fixed to the side wall.

Crew Cabinet

Cabinet storage should be provided for crew to store cleaning and bathroom provisions.

Automatic Water Faucet

Water is automatically dispensed when hands are placed under the faucet. A physical element should be visible so it is clear where water is dispensed from. Temperature of water should be controllable. Water pressure, water flow should not create any water splash or spill outside of the sink area.

Automatic Hand Dryer

An automatically triggered hand dryer should be included under the vanity unit. This can be part of the faucet or supplied separately. A physical element should be visible so it is clear how to use the dryer. The dryer should use high velocity air and HEPA filters similar to a Dyson Airblade. The air dryer should not blow water out of the sink.

Soap Dispenser

An automatic soap dispenser should be included above the sink area. A physical element should be present to indicate how and where the soap will dispense.

ATR | Amenities and Features

Sharps Bin

Provision for a sharps bin should be provided within the room. The size and position and means of removal of sharps should be agreed and instructed by Amtrak.

Sink Surface

Sink surface should be large enough to store a wash bag and toiletry items and aid the safe and clean disposal of a colostomy bag. Marine edge should run along entire length and a draining surface angled towards sink.

Sink

The sink should be accessible while sat on the toilet. There should be an RVAAC compliant clearance underneath the sink to allow wheelchair passengers to fully access the sink and amenities.



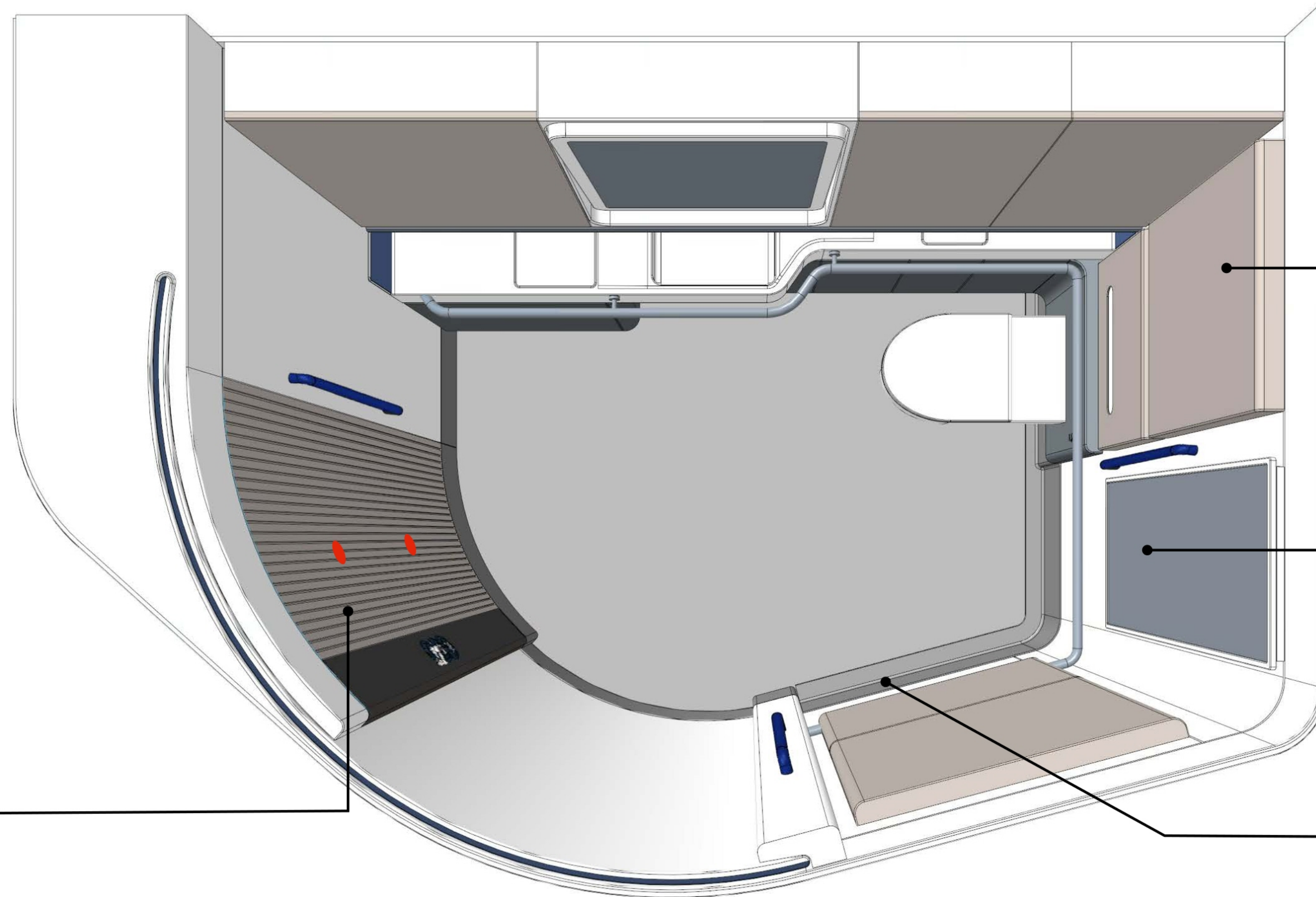
Intercom

A speaker should be provided in the toilet, passengers should be able to control notifications via the in room screen.

Extraction Fan

A filtered exhaust fan in the bathroom suitable to remove excess moisture, odors, and stale air.

ATR | Amenities and Features



Fold Down Baby Changing
A baby changing table should be provided with an RVAAC compliant clear space in front of it. The changing table should be easy to deploy and stow with an intuitive handle. It should have a soft opening mechanism. Position and function should comply with ADA.

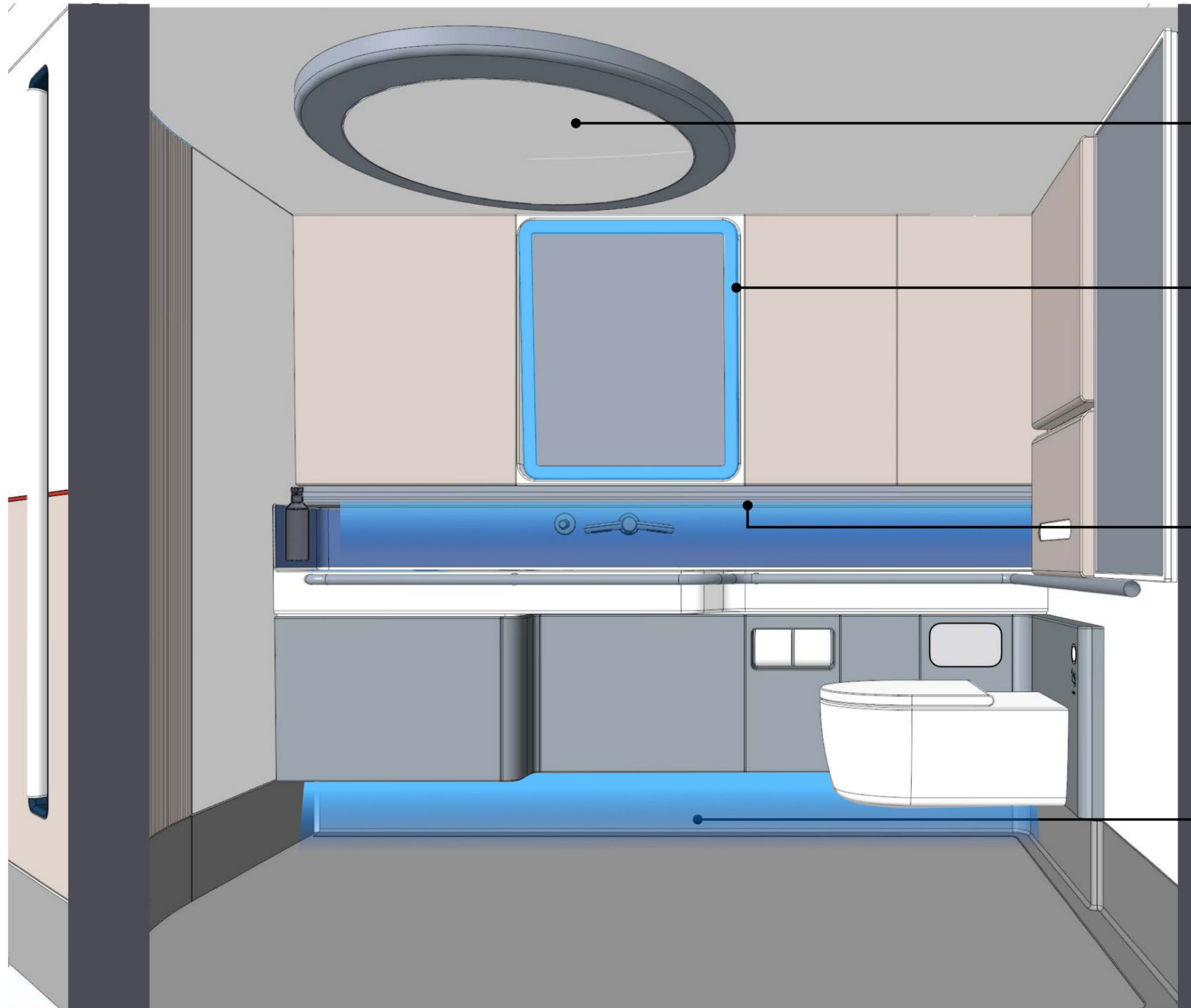
Full Length Mirror
A full length mirror should be provided in addition to the sink mirror. The bottom edge of the reflective surface should be a maximum of 40" above the finish floor.

Soft Corners
The bathroom should have soft corners to aid cleaning and maintenance. The profile should not affect any clearance required for accessible space or turning spaces.

Coat Hooks
At least two coat hooks should be provided. One hook must be within the reach range of a person using a wheelchair at a maximum height of 45".

ATR | Lighting

ATR | Lighting



Ceiling Light Panel

A large circular LED panel light in the ceiling provides the main source of light for the room.

LED Illuminated Mirror

The vanity mirror is illuminated with an LED strip around the border. Activated when the door is locked from the inside.

Vanity Wash Light

The cabinet washes indirect mood light on to the sink surface. Activated only when door is locked from the inside.

Floor Wash Light

Lower sidewall panels wash indirect mood light on to the floor. Activated only when door is locked from the inside.

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- Toilets & Showers**
- Common Use Areas

Amtrak® Long Distance Product Features

12 | Standard Toilet Room

STR | General



The Standard Toilet Room

The Standard Toilet Room is a compact space packed full of customer features.

The module is used in both coach and sleeper cars. A slightly differently CMF is applied to each of these spaces to denote the two different classes of travel.

STR | Room Features

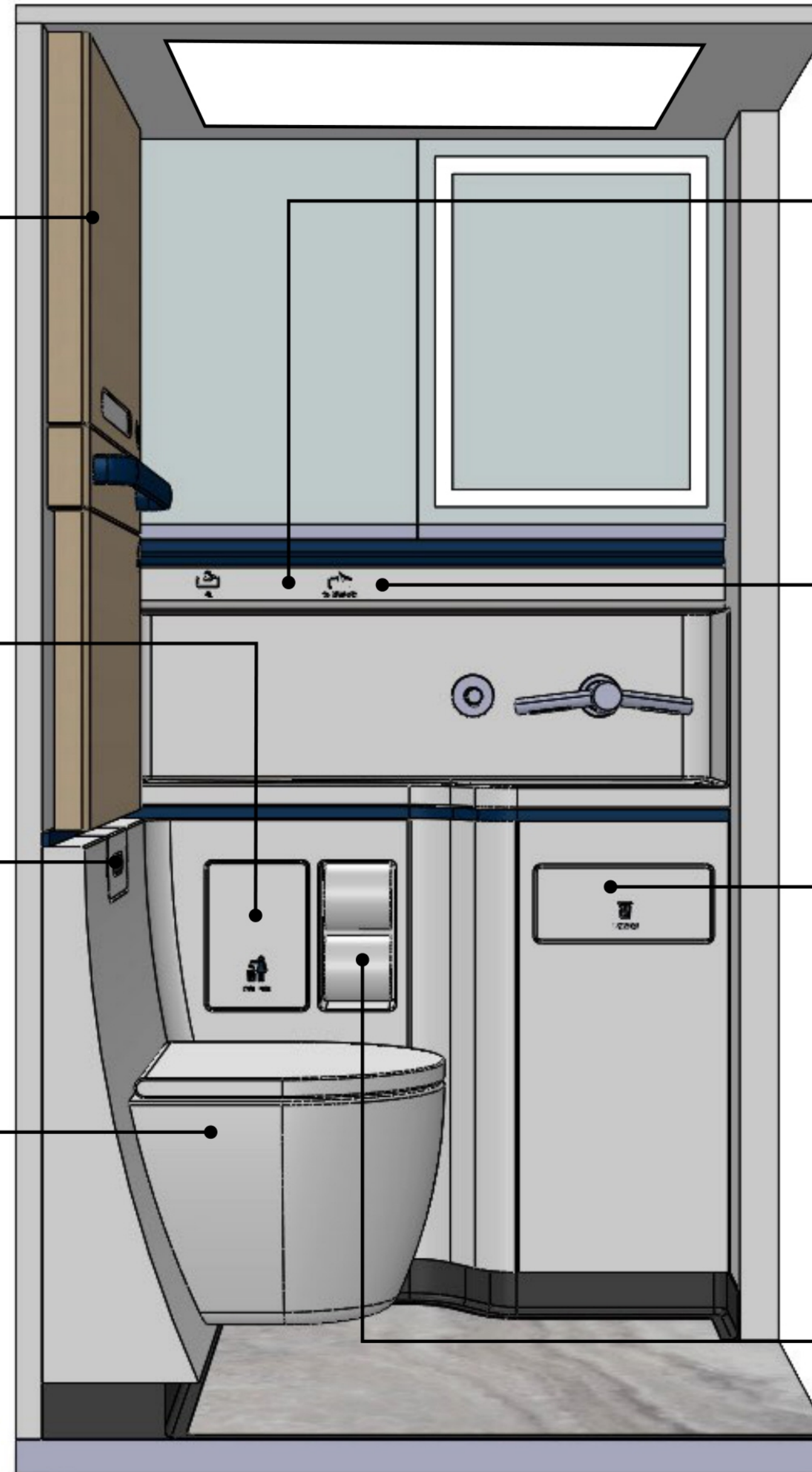
STR | Amenities and Features

Toilet Seat Cover Dispenser
A dispenser for paper toilet seat covers should be located above the toilet.

Sanitary Waste
A sanitary bin with modesty flap should be provided next to the toilet.
Minimum volume of 7 Gal.

Toilet Flush
A two button push / touch-less flush is located on the back wall providing standard and eco flush.

Toilet
The toilet has a seat and a lid.
The area under the toilet should be easy to clean. Toilet seat and seat lid should all have soft close mechanisms.



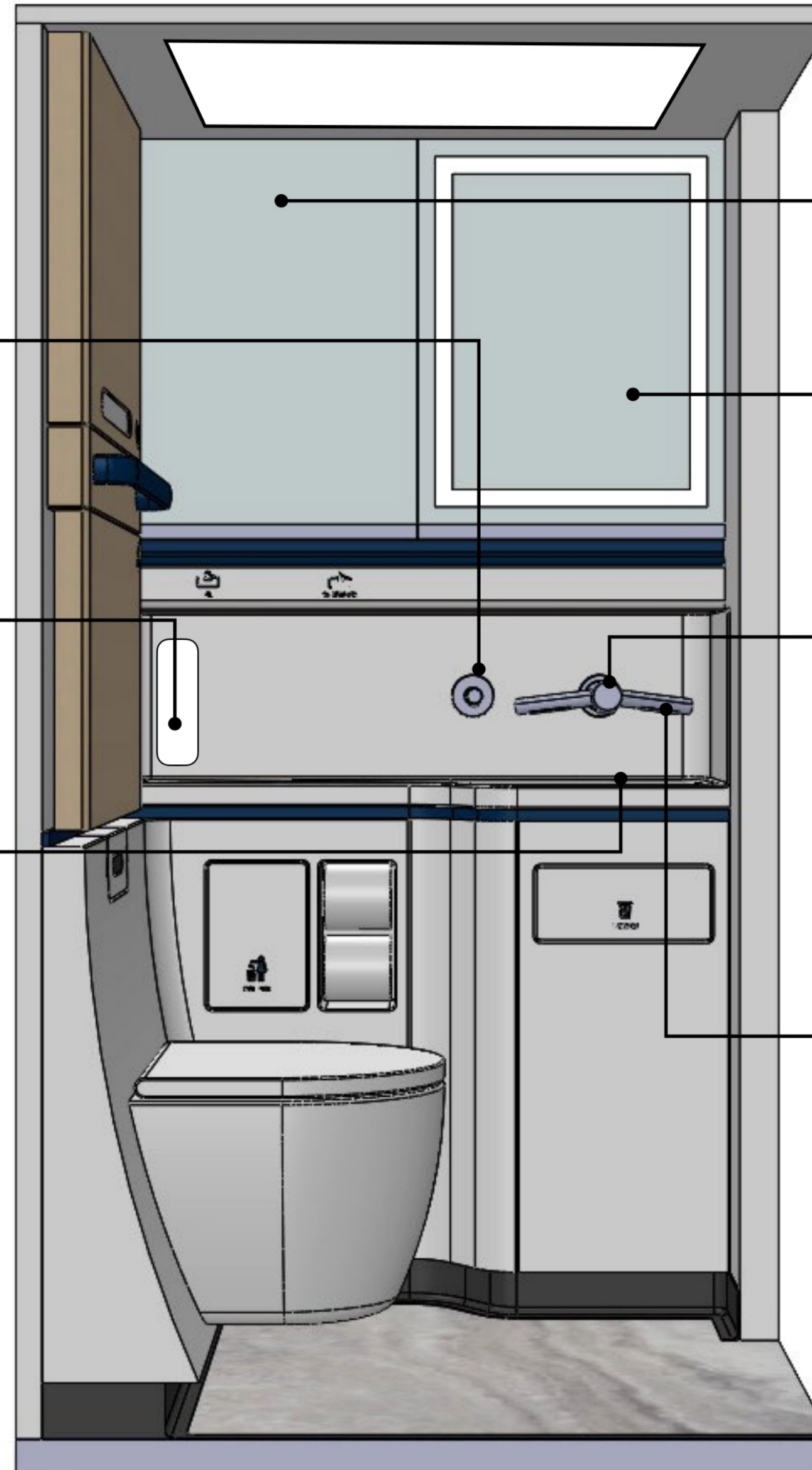
Paper Tissue Dispenser
A paper tissue dispenser should be positioned near the trash and sink.

Paper Towel Dispenser
A paper towel dispenser should be positioned near the trash and sink.

Trash
A trash bin is provided by the sink

Toilet Paper Storage
The toilet paper should be stored in the wall of the bathroom and should be protected from spills from the sink.

STR | Amenities and Features



Soap Dispenser

An automatic soap dispenser should be included above the sink area. A physical element should be present to indicate how and where the soap will dispense.

Hand Lotion Bottle

An area on the side of the sink should be reserved for a refillable hand lotion bottle fixed to the side wall.

Sink

The sink should have a marine edge so any water spill is captured in the sink area. A splash back behind the sink should protect the surrounding areas from water splashed onto the back wall from the sink area.

Crew Cabinet

Cabinet storage should be provided for crew to store cleaning and bathroom provisions.

Vanity Mirror

A large mirror is positioned in front of the sink. Dimensions, position and usability will be subject to Amtrak approval.

Automatic Water Faucet

Water is automatically dispensed when hands are placed under the faucet. A physical element should be visible so it is clear where water is dispensed from. Temperature of water should be controllable. Water pressure, and water flow should not create any water splash or spill outside of the sink area.

Automatic Hand Dryer

An automatically triggered hand dryer should be included under the vanity unit. This can be part of the faucet or supplied separately. A physical element should be visible so it is clear how to use the dryer. The dryer should use high velocity air and HEPA filters similar to a Dyson Airblade. The air dryer should not blow water out of the sink.

STR | Amenities and Features

Intercom
A speaker should be provided in the toilet, passengers should be able to control notifications via the in room screen.

Coat Hooks
At least two coat hooks should be provided.

Fold Down Baby Changing
A baby changing table. The changing table should be easy to deploy and stow with an intuitive handle. The mechanism should be durable, free from jamming and racking. The design should meet abuse loads. It should have a soft opening mechanism.



Extraction Fan
A filtered exhaust fan in the bathroom suitable to remove excess moisture, odors, and stale air.

Sink Surface
Sink surface should be large enough to store a wash bag and toiletry items and aid the safe and clean disposal of a colostomy bag. Marine edge should run along entire length and a draining surface angled towards sink.

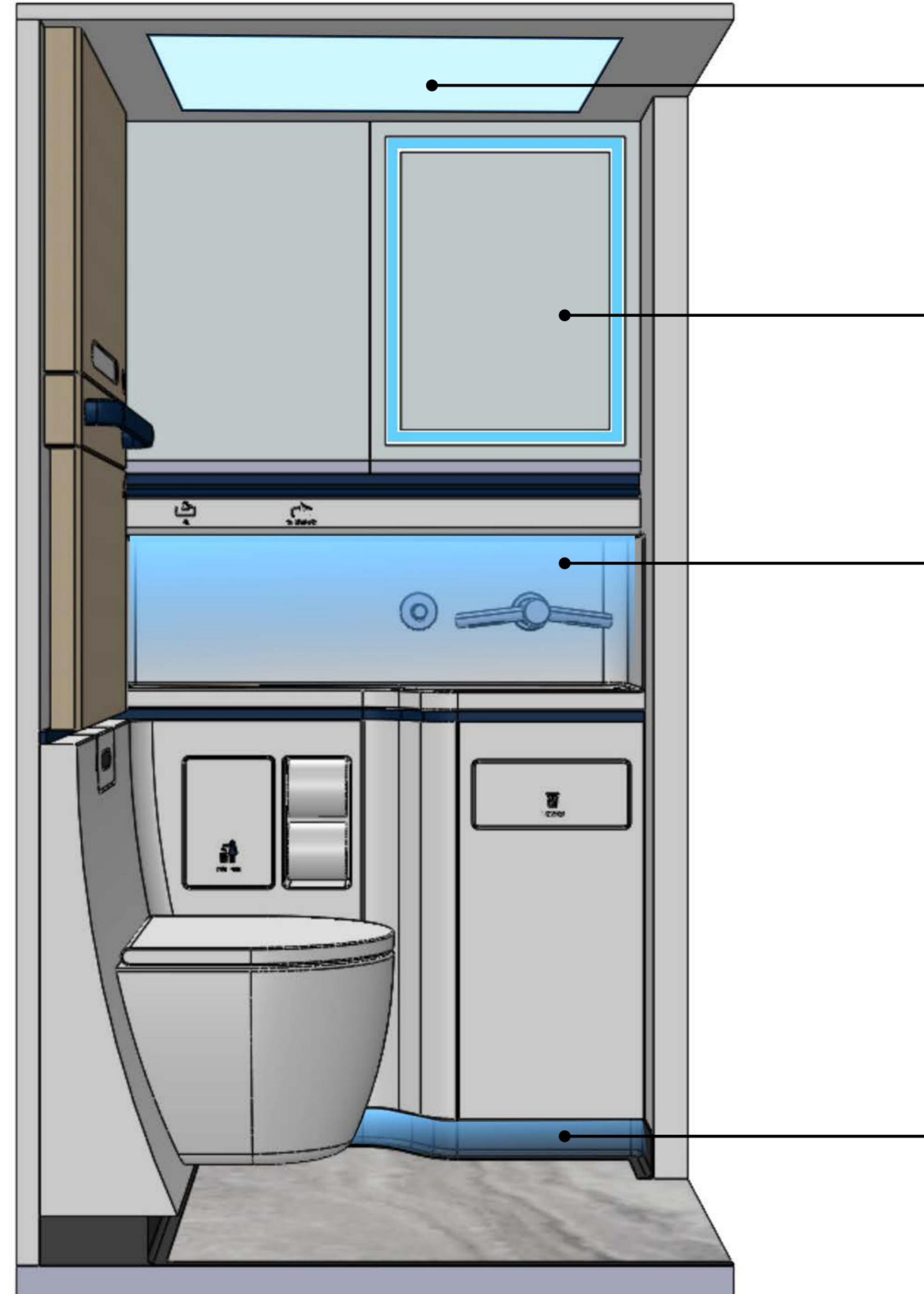
Soft Corners
The bathroom should have soft corners to aid cleaning and maintenance.

STR | Amenities and Features



STR | Lighting

STR | Lighting



Ceiling Light Panel

A large rectangular LED panel in the ceiling provides the main source of light for the room.

LED Illuminated Mirror

The vanity mirror is illuminated with an LED strip around the border. Activated when the door is locked from the inside.

Vanity Wash Light

The cabinet washes indirect mood light on to the sink surface. Activated only when door is locked from the inside.

Floor Wash Light

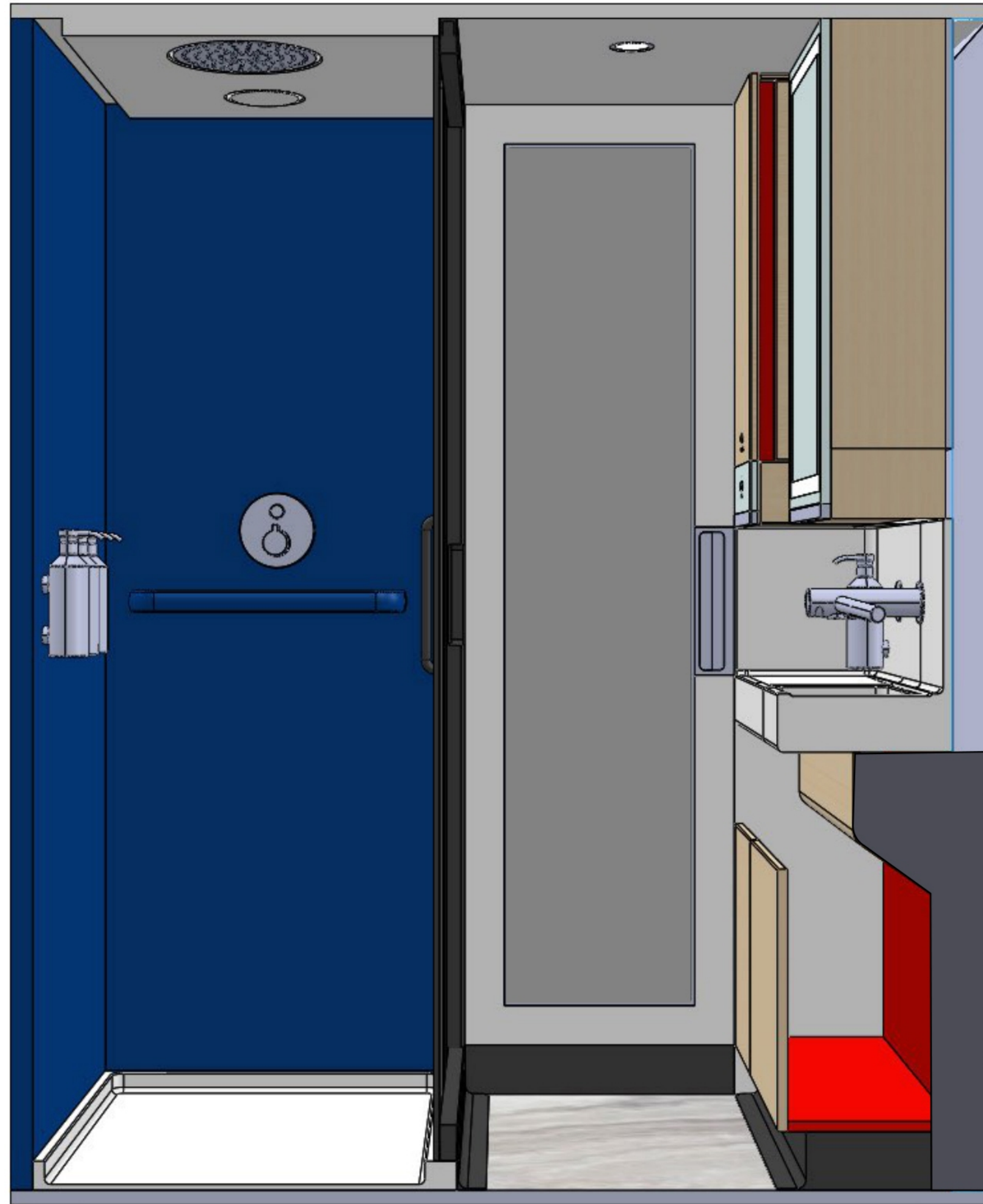
Lower sidewall panels wash indirect mood light on to the floor. Activated only when door is locked from the inside.

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- Common Use Areas

Amtrak® Long Distance Product Features

13 | Shower & Changing Room

Shower & Changing Room | General



The Shower & Changing Room Room

The Shower & Changing Room designed for sleeper cars only.

The room provides a large shower, a changing area and a vanity area, with towel storage and a towel bin.

Shower & Changing Room | Room Features

Shower & Changing Room | Amenities and Features

Handholds

Suitable handholds should be positioned to aid people while standing in the shower and the changing area. The sizes will be subject to mockup testing and Amtrak approval.



Shower Tray

The shower tray should be a minimum of 27" x 40" and be fully sealed and easy to clean.

Changing Area

The standing changing area in front of the changing bench should be a minimum of 24" x 30"

Shower & Changing Room | Amenities and Features

Soap Dispenser

An automatic soap dispenser should be included above the sink area. A physical element should be present to indicate how and where the soap will dispense.

Paper Tissue Dispenser

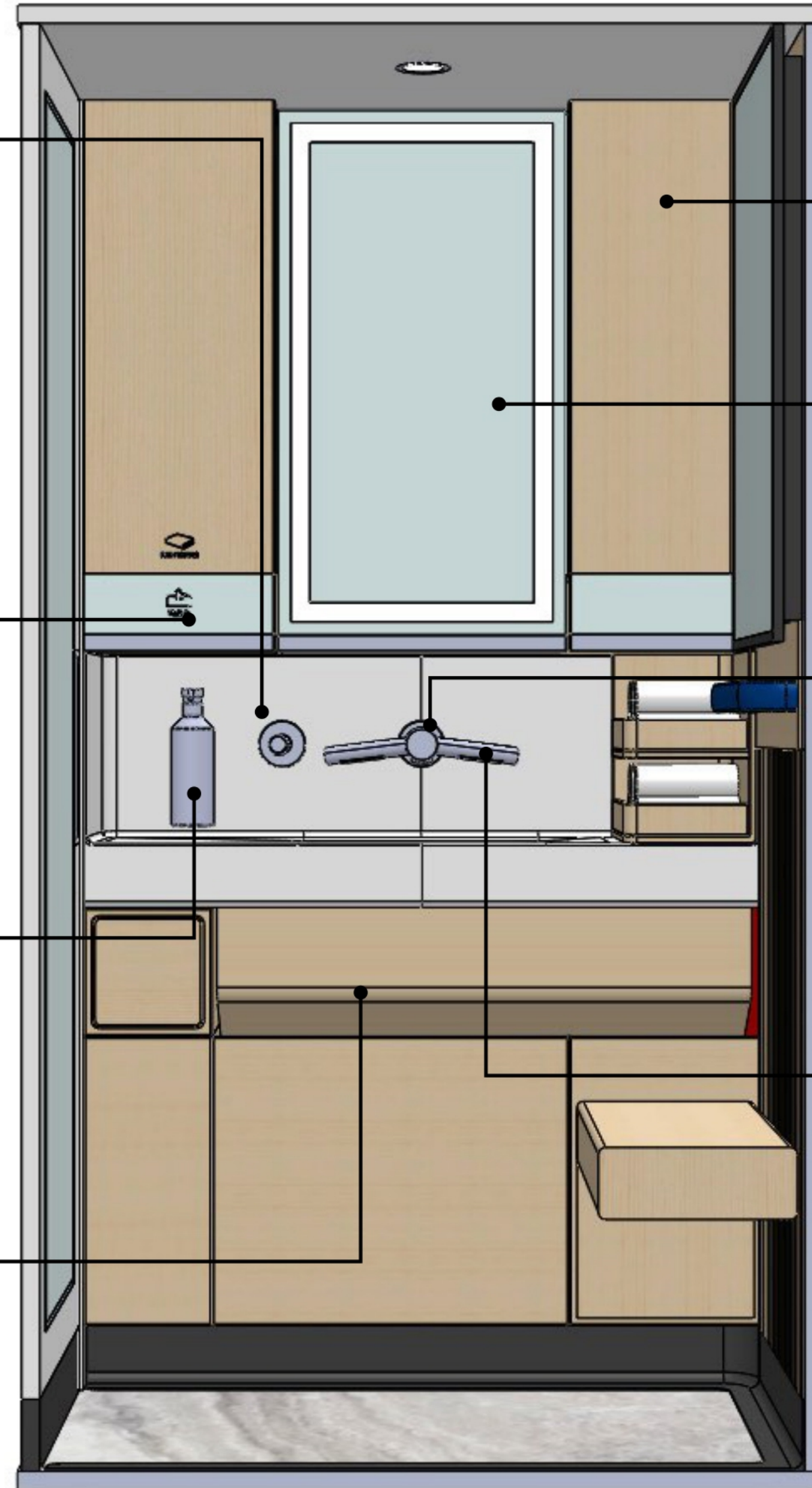
A paper tissue dispenser should be positioned near the trash and sink.

Hand Lotion Bottle

An area on the side of the sink should be reserved for a refillable hand lotion bottle fixed to the side wall.

Towel Bin

The space under the sink should be maximized for storing used towels with a minimum volume of 30 Gal. The bin should be lined, prevent water ingress and build up of mould.



Crew Cabinet

Cabinet storage should be provided for crew to store cleaning and bathroom provisions.

Vanity Mirror

A mirror is positioned in front of the sink of 18" wide and x 33" in height. The volume behind is reserved for hand dryer and soap equipment .

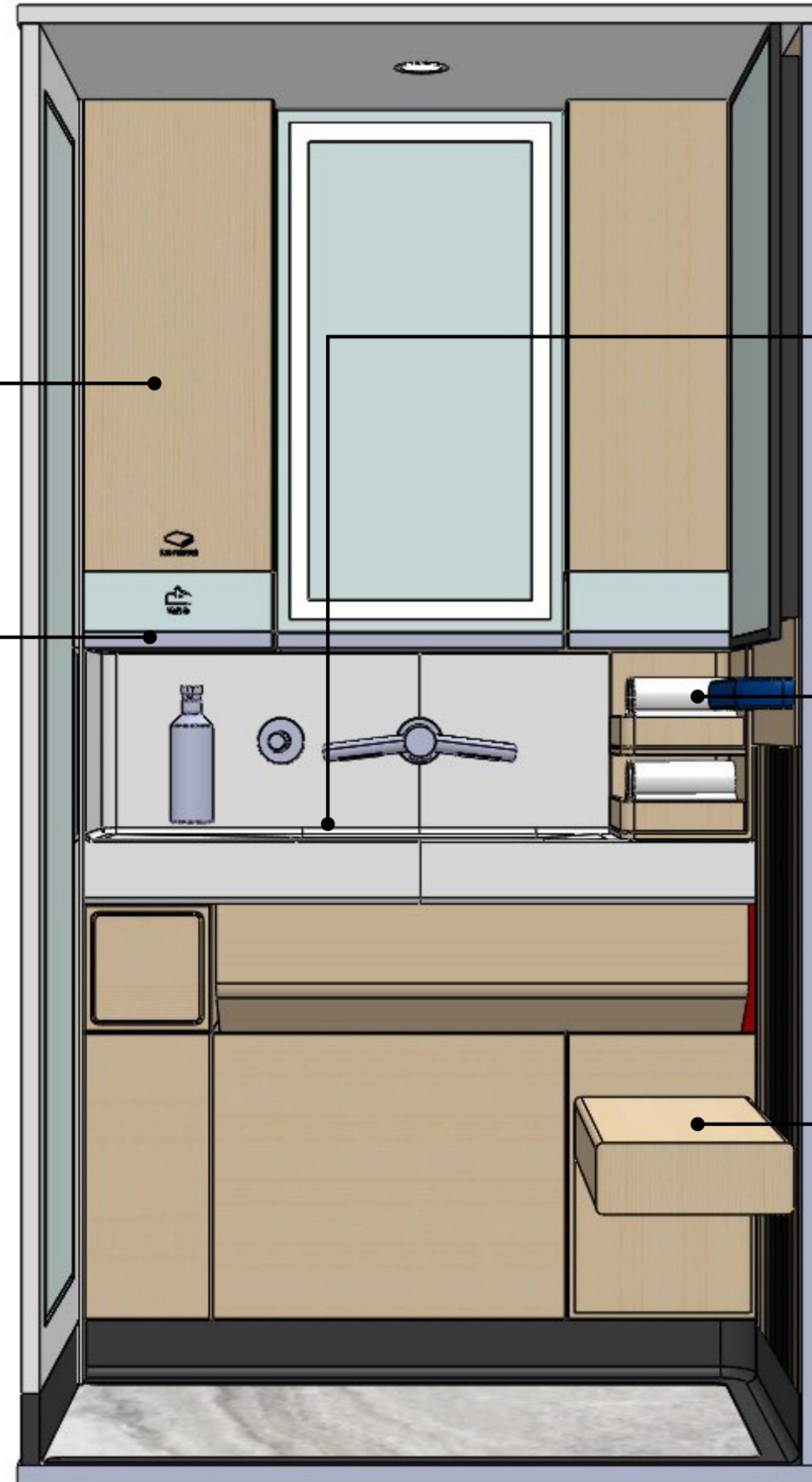
Automatic Water Faucet

Water is automatically dispensed when hands are placed under the faucet. A physical element should be visible so it is clear where water is dispensed from. Temperature of water should be controllable. Water pressure, water flow should not create any water splash or spill outside of the sink area.

Automatic Hand Dryer

An automatically triggered hand dryer should be included under the vanity unit. This can be part of the faucet or supplied separately. A physical element should be visible so it is clear how to use the dryer. The dryer should use high velocity air and HEPA filters similar to a Dyson Airblade. The air dryer should not blow water out of the sink.

Shower & Changing Room | Amenities and Features



Bath Towel Cabinet

A cabinet for storing a minimum of 15 clean Amtrak bath towels

Braille Strip

A Braille strip should be provided along the underside of the vanity unit to call out key functions of the vanity area - water, air, tissues, towels etc

Sink Surface

Sink surface should be large enough to store a wash bag and toiletry items. Marine edge should run along entire length with a draining surface angled towards sink.

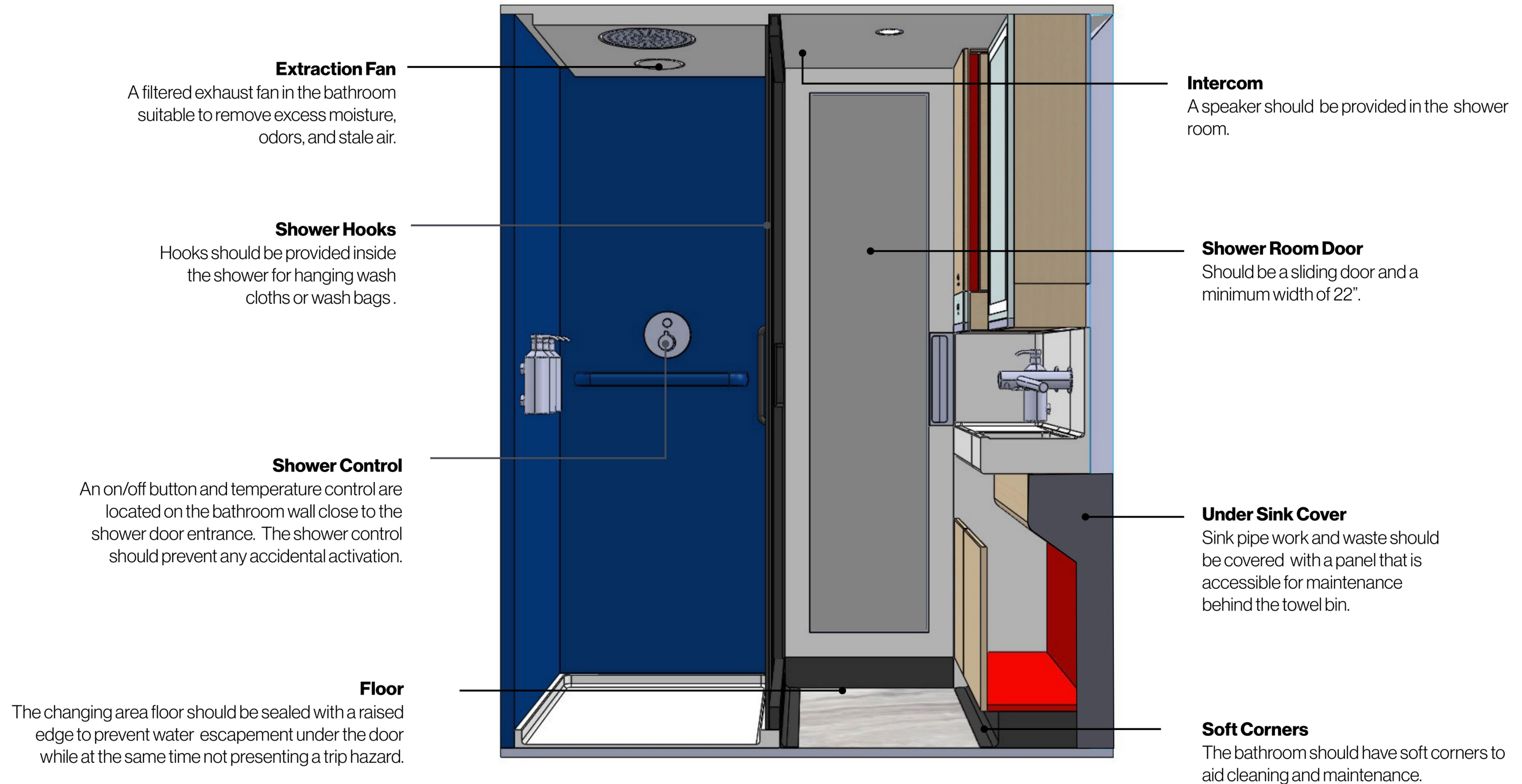
Hand Towel and Wash Cloth

Space should be provided on the vanity unit to stack hand towels and wash cloths.

Changing Bench

A cantilevered bench should be provided in the changing area with space kept free under the seat for a bag. The bench should have a minimum depth of 11.5" running the full width of the changing area

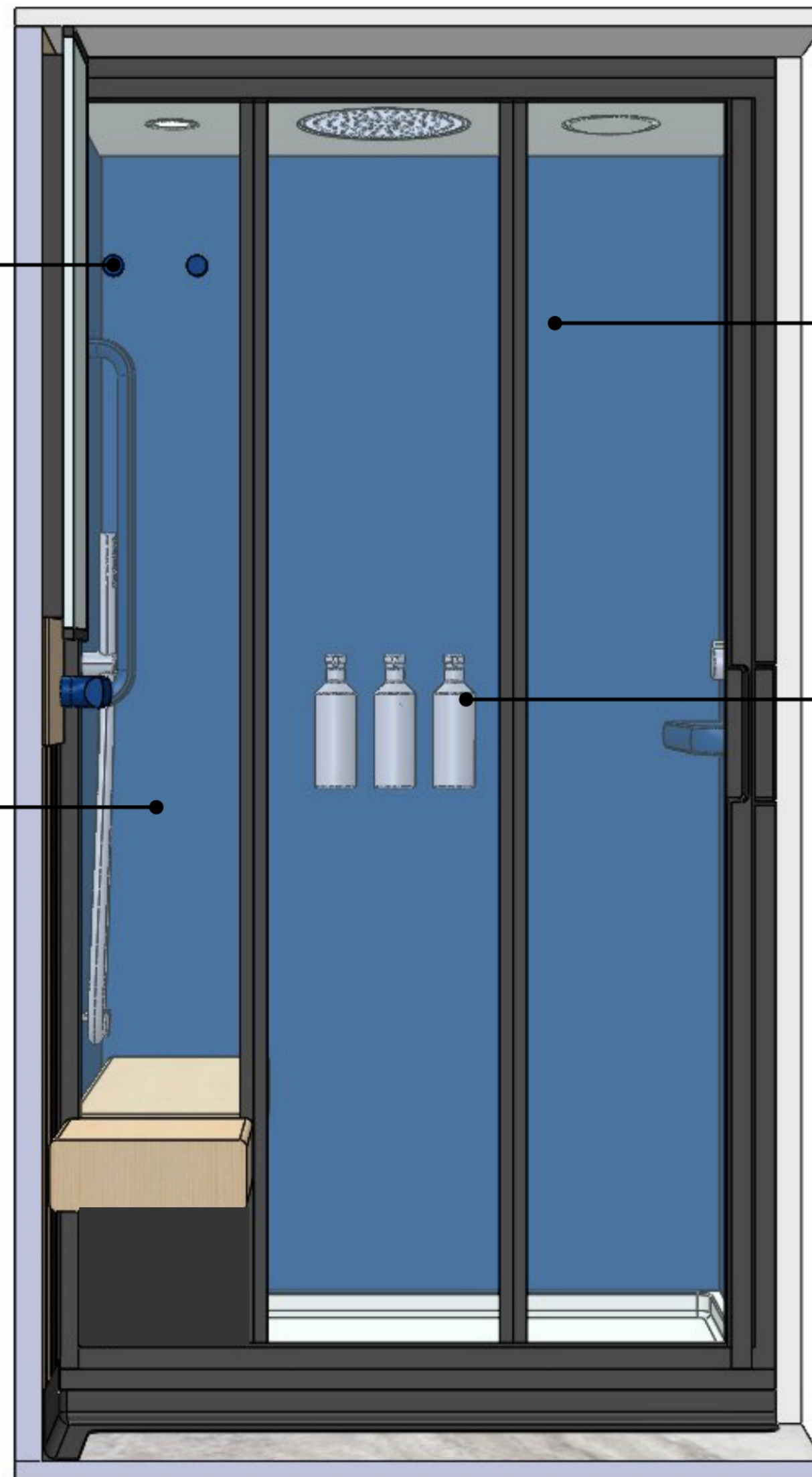
Shower & Changing Room | Amenities and Features



Shower & Changing Room | Amenities and Features

Coat Hooks
Coat hooks should be provided close to the shower door inside the changing area and protected from shower splash for hanging clothes and towels.

Fixed Glazed Panel
A fixed glaze panel should be used to keep the shower space open and bright. The lower portion can be solid to provide structure for the cantilever benches.



Shower Door

The door should open inwards as a bifold door, similar to an airline toilet door. The door should be sealed to prevent shower water escaping into the internal living space of the room, even when water is sprayed directly onto the back surface of the door.

Dispensing Bottles

3 refillable Amtrak bottles dispensing shampoo, conditioner and body lotion. Bottles should be fixed to the wall and easily refilled or replaced by Amtrak staff.

Shower & Changing Room | Amenities and Features

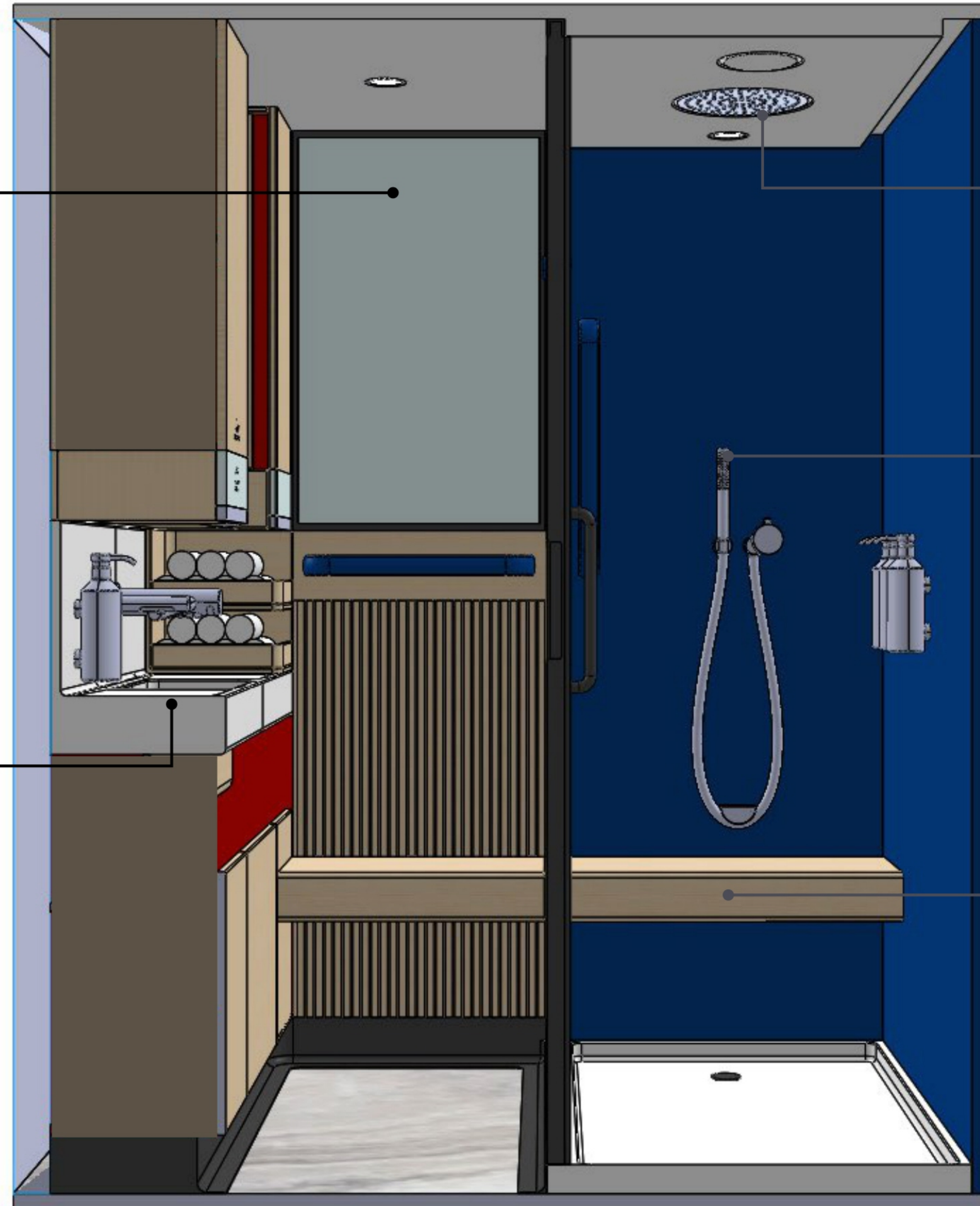
Mirror
A second mirror should be provided in the changing area

Rain Shower
A rain shower in the ceiling provides a shower above head height. Rain shower should be seamlessly integrated into the ceiling in order to maximize head room in the bathroom.

Hand Shower
A second hand shower is located with a slimline design handset. A hose clip should be included to prevent the hose from rattling while the train is in transit.

Shower Seat
A fixed cantilevered shower seat should be provided inside the shower with an anti slip finish with a minimum depth of 11.5" running the full width of the shower enclosure.

Sink
The sink should have a marine edge so any water spill is captured in the sink area. A splash back behind the sink should protect the surrounding areas from water splashed onto the back wall from the sink area.



Shower & Changing Room | Lighting

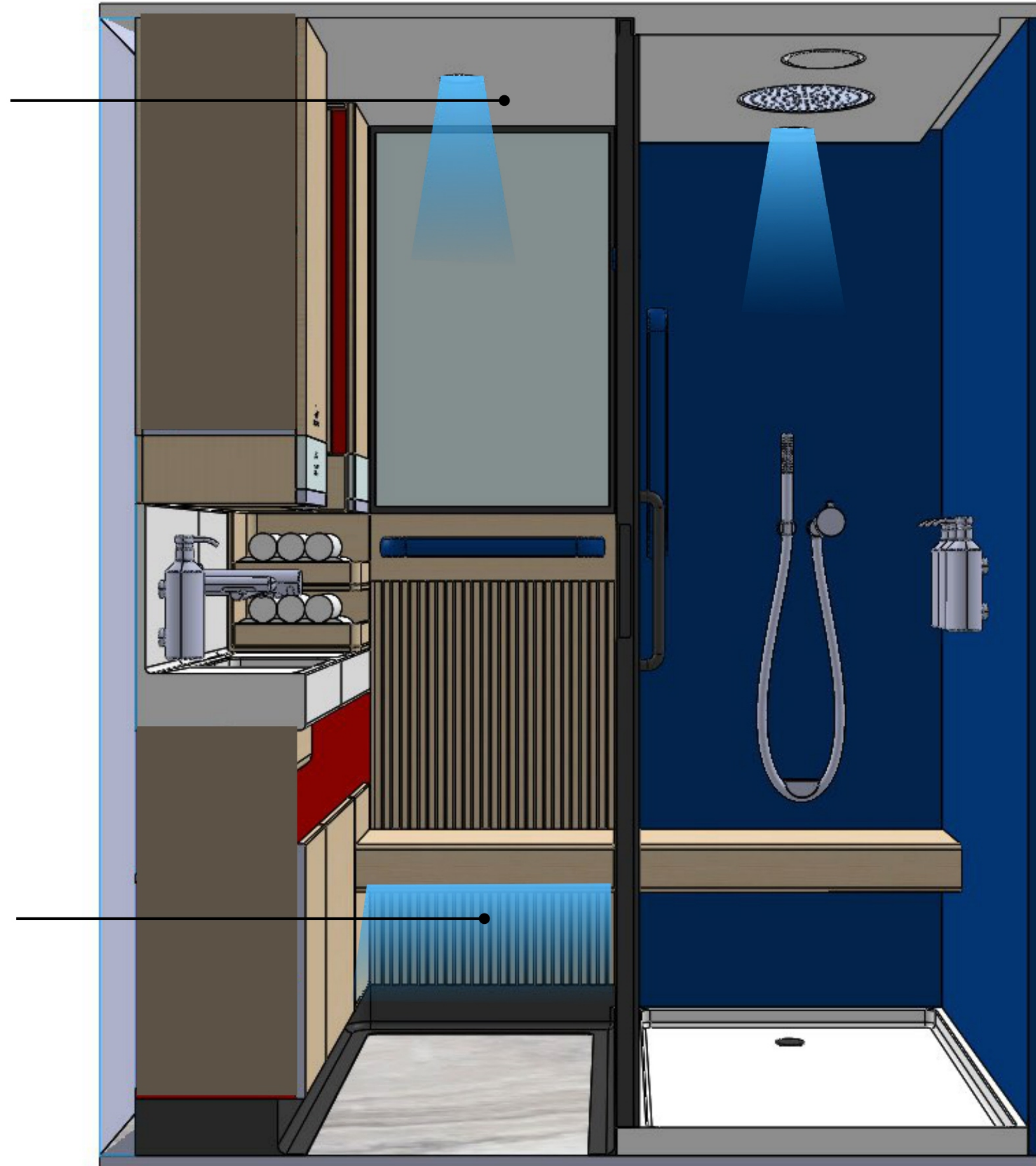
Shower & Changing Room | Lighting

LED light panel spots

Small circular LED light panels act as spot lights to provide the master lighting conditions for this room - frame to be color matched. At least one in the changing area and at least one in the shower enclosure.

Bench Wash Light

Indirect mood light on to the floor from the underside of the bench. Activated only when the door is locked from the inside.



Shower & Changing Room | Lighting



LED Illuminated Mirror

The vanity mirror is illuminated with an LED strip around the border. Activated when the door is locked from the inside.

Splash Back Wash Light

The cabinet washes indirect mood light on to the sink surface. Activated only when the door is locked from the inside.