

as:da
American Standard
Design Award 2026



Inspiring Everyday Living

Design Entry Template



American Standard



LUMINARA

Bright Solutions for Busy Lives
ASDA26-40881

American Standard



Design Concept Summary

Project LUMINARA stems from the daily needs and considerations of a standard household, parents, a child, and an elder, with busy schedules leading to clashes in bathroom usage and activities. The core challenge identified was inefficient shared access.

Task lighting ensures precise illumination for functional zones like the sink, shower, and toilet, eliminating accidents and enhancing safety. Ambient lighting complements this by creating a clear, intuitive spatial layout, guiding users, especially the elderly, to navigate without confusion or risk.

By prioritizing clarity and flow, the design resolves usage conflicts, promotes independence for all ages, and fosters a harmonious, ergonomic environment.

Design: Floor Plan and Elevations

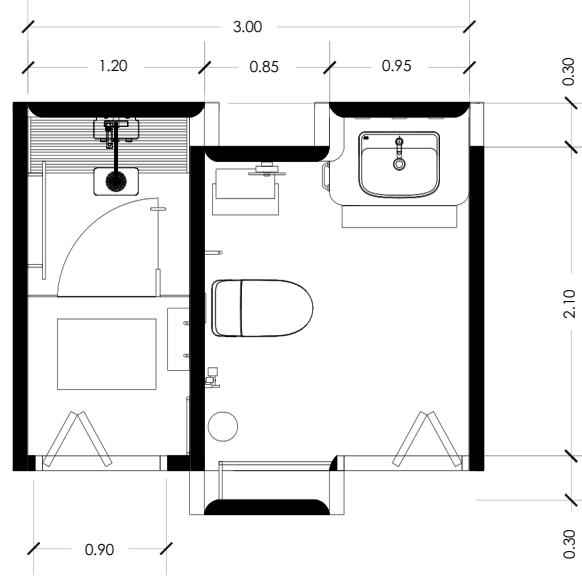
The bathroom is measured at 2.30 meters by 3.00 meters, with the walls being 100mm, and the total size is 2.40 meters by 3.20 meters, with a total area of 6.9 square meters.

The scheduling clashes among household members—parents, child, and elder—inspired a multi-user accessible bathroom design. Key functions are zoned into dry (toilet and basin) and wet (shower and changing) areas for efficient proximity and hygiene.

Ambient lighting from a central light well (see second diagram) diffuses natural warmth, creating a welcoming, clear atmosphere. Task lighting (third diagram) uses side natural windows and concealed fixtures for nighttime use, precisely highlighting each zone.

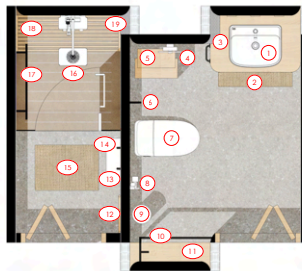
This zoned lighting ensures intuitive navigation, safety, and independence resolving conflicts while promoting ergonomic flow.

PLAN



**Total Bathroom Area
in sqm (including wall
& columns)**
6.9 SQM.

FURNITURE LAYOUT

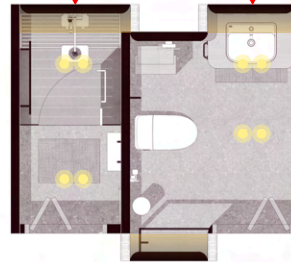


FURNITURE LIST

1. BASIN
2. FLOOR MATT
3. SHELF
4. WALL LAMP
5. STEP STOOL
6. GRAB BAR
7. TOILET
8. HYGIENE SPRAY
9. GARBAGE BIN
10. TOWEL BAR
11. SHELF(SEAT)
12. MIRROR
13. TOWEL HOOK
14. FLOOR CABINET
15. RUBBER MATT
16. SHOWER
17. GRAB BAR
18. SHOWER BENCH
19. SHELF



REFLECTED CEILING PLAN



LOWER LIGHTING PLAN



Design: Floor Plan and Elevations

The bathroom features a total ceiling height of 2.50 meters from floor to ceiling. Ambient lighting enters through top windows, each 0.50 meters high, positioned at a floor height of 2.00 meters, allowing soft, natural illumination near the ceiling without direct glare. This setup enhances spatial clarity and privacy for all users.

ELEVATION



Design Visuals: Overview

This bathroom captures a versatile, plug-and-play aesthetic that integrates effortlessly into any residential or commercial space, transforming it into a warm, inviting sanctuary. Thoughtful small-scale elements, like the towel rack doubling as a sturdy grab bar, prioritizing accessibility and safety for all users, for all. Beige tiles paired with cherry wood infuse the room with a cozy, homey embrace. In contrast, crisp white terrazzo floors, sinks, and toilets provide a pristine, clean foundation that gleams under natural or ambient light, ensuring hygiene remains intuitive and low-maintenance. Matte black fixtures, including the sleek basin faucet, hygiene spray, shower, making essential functions instantly visible and intuitive at a glance. Together, these curated materials and details create a harmonious balance of tactile warmth, and ergonomic comfort, ideal for sustainable, human-centered design.



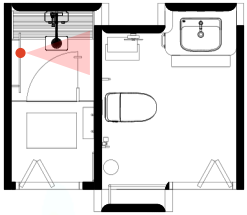
Design
Visuals:
Full
Bathroom



FULL TOUR
BASIN AREA > TOILET AREA > SHOWER AREA

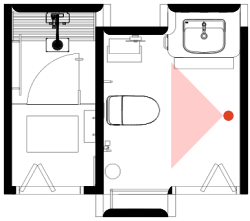
Design Visuals: Shower Area

The shower area, in the dedicated wet zone with adjacent changing space, features side task lighting for warm, natural illumination over shampoo shelving. Overhead ambient lighting evokes a refreshing rain-like wash, complemented by top windows linking dry and wet zones for consistent light flow. Frosted glass ensures privacy for changing during simultaneous showers; an accessible bench suits all ages—especially elders—paired with anti-slip floors and grab bars for safety.



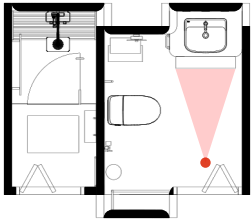
Design Visuals: Toilet Area

The toilet area is centrally positioned for optimal flow in the dry zone. Concealed wall task lighting provides precise nighttime illumination, paired with overhead ventilation for quick freshness. Towel racks double as grab bars, a child-friendly step stool aids sink access, and plants add a fresh vibe—all in warm tones for an inviting, cozy, yet sanitary feel.



Design Visuals: Basin Area

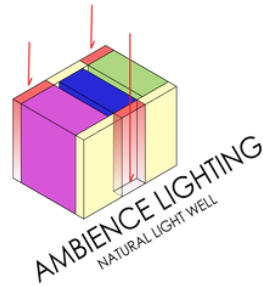
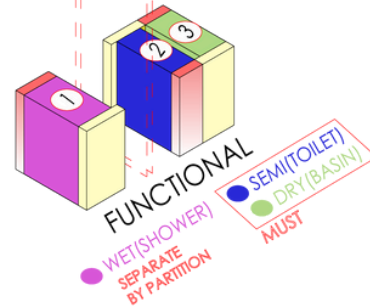
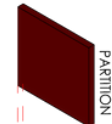
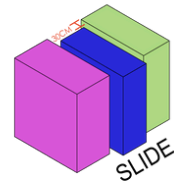
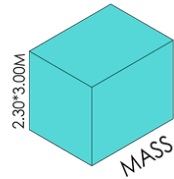
The room incorporates rounded edges on walls and shelving around the sink for safety, prioritizing elderly and child users while fostering a warm feel. Extra task lighting from three bulbs ensures clear facial visibility. Shelving uses durable, perforated metal for easy cleaning and strength, maintaining consistent rounded edges across the design language.



Design Visuals: Optional Images/ Information

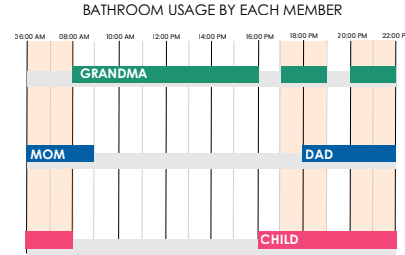
This diagram outlines the iterative bathroom planning process, starting from a blank 2.50m-high room mass within given dimensions. Areas are zoned into wet (shower/changing), semi-dry (toilet), and dry (basin) based on hygiene and flow needs.

Masses are slid and adjusted directionally to optimize natural light seepage—ambient from the top light well, task from side sources. Functionality is refined by pairing semi-dry and dry zones, while partitioning the wet area into a full wall for separation and safety.

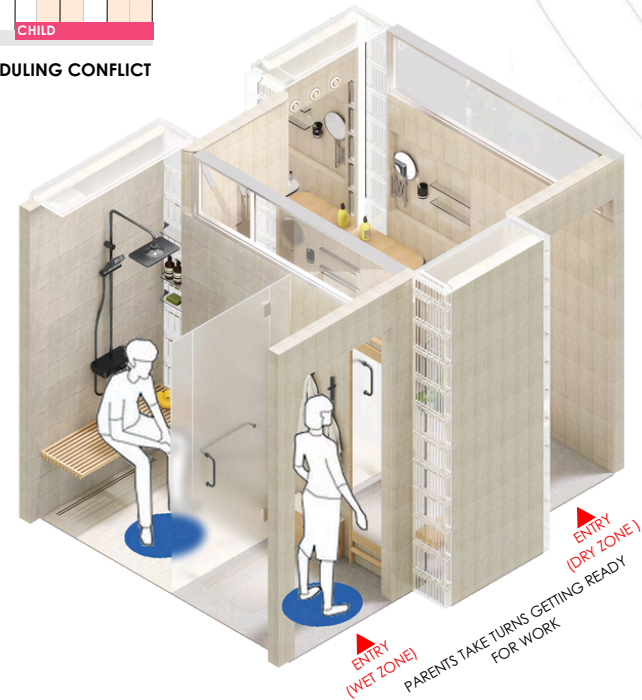
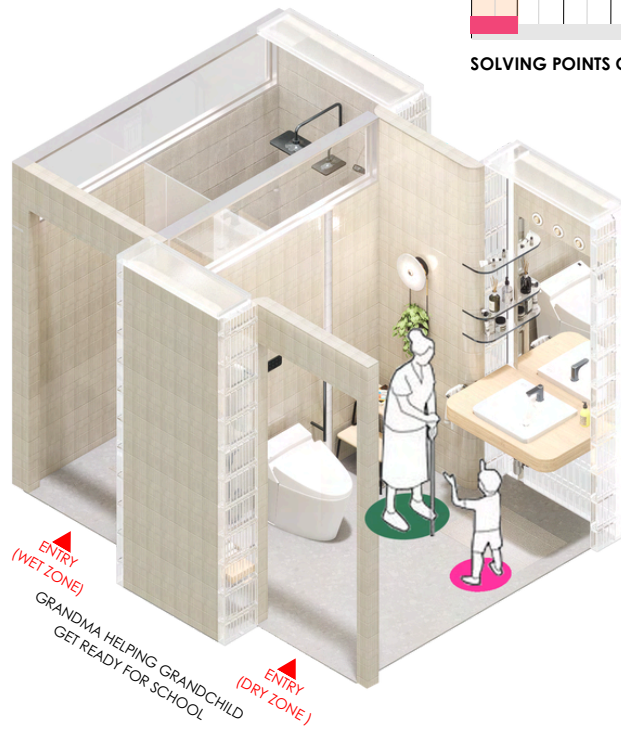


Design Visuals: Optional Images/ Information

This isometric diagram illustrates the distinct activities and user behaviors enabled by separating dry (toilet, basin) and wet (shower, changing) zones, promoting simultaneous, conflict-free use. It highlights efficient flows for busy household members—parents multitasking, child independence, and elder safety—while emphasizing intuitive navigation under zoned lighting.



SOLVING POINTS OF SCHEDULING CONFLICT

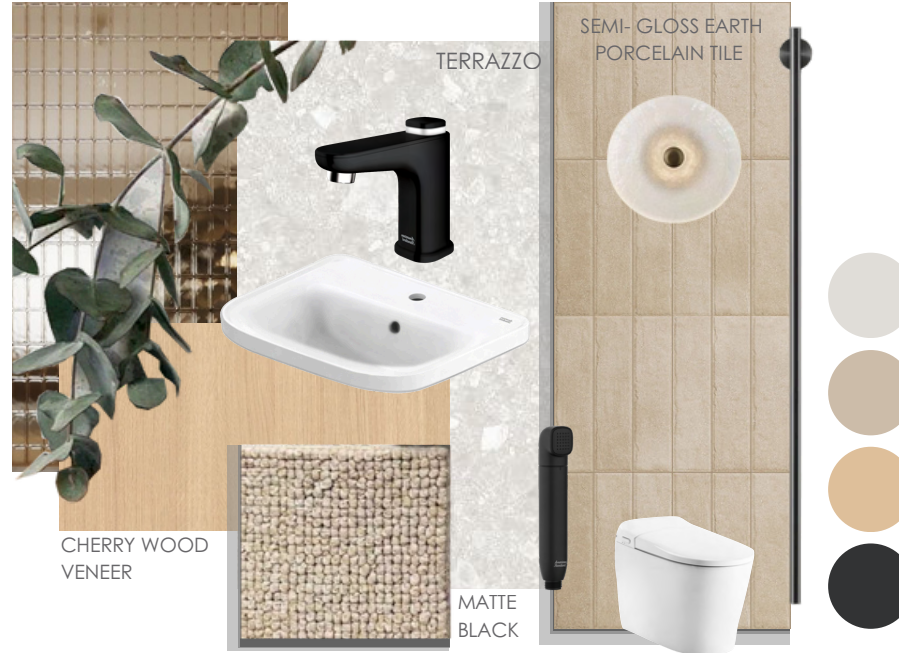


Specifications: Colors, Materials and Finishes

This bathroom embodies a versatile, plug-and-play aesthetic that fits seamlessly into any space, appealing to all ages and lifestyles. Beige tiles and cherry wood infuse a warm, homey embrace, while crisp white terrazzo floors, sinks, and toilets deliver a sanitary, effortlessly clean vibe. Matte black accents sharpen the essentials—basin faucet, hygiene spray, shower—ensuring functions stand out clearly at a glance.

DRY ZONE

GLASS BLOCK








Specifications: Colors, Materials and Finishes

Privacy and inclusivity shape every detail. Frosted glass partitions define the wet zone while maintaining visual softness, ensuring privacy without sacrificing light. anti-slip flooring, a shower bench and strategically placed grab bars support users of all mobility levels, and the towel rack doubles as a supportive element for elderly users.



American Standard Products Specified

AMERICAN STANDARD PRODUCTS		COLLECTION	PRODUCT CATEGORY	REASON FOR SELECTION
	EasyFLO Basin Mono (Matt Black)	EasyFlo	Basin Mono	features an easy-press button, illuminated by integrated task lighting for instant visibility. This aligns with the design's emphasis on functional clarity, color-coordinated zoning, and elderly accessibility.
	Loven Countertop Basin W550	Loven	Fixtures & Vanities	The basin features a balanced countertop mass—substantial enough for secure gripping by all ages, including elders—while maintaining a sleek, minimalist profile for a sanitary, hygienic aesthetic.
	E-lite Shower Toilet (Auto Open, Plug O)	E-lite	Shower Toilet	he smart toilet offers hands-free auto seat/cover, LED night light, pre/auto-flush, and adjustable dryer for hygienic, elder and child friendly use in multi-gen bathrooms.
	DuoSTiX Hygiene Spray_Matt Black	DuoSTiX™	Hygiene Spray	The bidet series delivers two targeted water sprays—one for personal cleansing, one for cleaning—with a matt black color that pops for instant functional visibility, aiding all users, especially elders.
	EasySET Exposed Auto Temperature Shower_Brushed Hard Graphite	EasySET	Thermostatic Mixer	For homes with children and elderly, prevent accidental scalding with the safety temperature control and all the showering functions

Appendix

Design Story – Limit to 150 words per answer.

- What is the inspiration for your design?

When I first received the assignment, I surveyed the compact bathroom area allocated for a family home. The primary challenge was maximizing efficiency to meet both user needs and essential bathroom functions. My design inspiration stemmed from this: creating a highly optimized space that feels spacious and functional despite its size.

- How does the design fulfill the need of the target users?

The design addresses family usage by incorporating distinct zones that allow simultaneous access for multiple family members. This zoning simplifies daily planning and ensures smoother routines without delays.

- How does the design fulfill the design challenge?

The design checks all the boxes for modern families, addressing everyday needs across all age groups, making the best outcome for a limited space. It delivers warm, visually appealing aesthetics while functioning as a plug-and-play solution suitable for any home.

- How does the choice of products contribute to the purpose of the design?

The selected American Standard products are chosen to balance aesthetics and functionality, prioritizing multi-use solutions like the Duostix hygiene spray, which serves as both a personal hygiene tool and room cleaner. Aesthetically, matte black finishes make key bathroom activities stand out, creating a clear visual path for elderly users to identify functions effortlessly.