

# Little Rock Air Force Base

## Architectural Design Guide Supplement

6 December 2023

*This document does not take the place of the Little Rock Air Force Base Architectural Design Guide, but is intended as a supplement to provide additional insight to the Architectural Requirements and standards here at Little Rock Air Force Base. Any questions concerning this document may be addressed to the Little Rock Air Force Base Architect.*

- All drawings shall include a graphic scale.
- All plans shall include a “North” arrow for orientation.
- Install corner guards at all outside corners in all public areas. Corner guards shall be 2” x 2” on extruded aluminum bracket and shall extend from floor to ceiling similar. Corner Guards shall be Koroguard G100/G10E or approved equal.
- All exposed metals shall be painted. Red Iron primer is not a finished material and is not acceptable left exposed.
- All exterior downspouts shall have concrete splash blocks. Splash blocks shall meet LRAFB Standards. The minimum shall be 185 pound, 5” x 12” x 60” ” concrete splash blocks at each downspout. Splash block may also be fiber reinforced 6” x 24” x 60” cast-in-place 3500 psi concrete pads.
- All exterior downspouts shall have a cast iron downspout boots/shoes to protect lower portions of each down spout from grounds maintenance high speed mower impacts. Minimum length shall be 24 inches.
- Provide prefinished metal louvers (same color as siding and/or roof) for ventilation systems sized and constructed to meet exhaust needs. Louvers shall have bird screen and insect netting.
- Where pipe bollards are required, provide six inch diameter steel pipe bollards filled with concrete. If at a door location, provide bollards on each side of door, both inside and out.
- A common problem here at LRAFB is bird nesting and insect control. Open Structures, bar joist, I beams, lintels, exposed structure, etc. is not allowed. All building structure must be wrapped in the finish materials of the proposed structure without allowing any protruding ledges that would promote bird nesting. Care should be taken to ensure that all gaps in materials are properly flashed or sealed to prevent nesting areas for insects and or birds.
- All new ceiling tile shall be fine fissured, 2’ x 2’ panels, with a tegular edge. All field cuts shall be beveled and field painted to match per manufactures instructions
- Cellulose/newspaper type insulation and loose fill type insulation is not acceptable.
- Installing insulation on suspended ceiling tile and grid is not acceptable.

- Insulation is not a finish material – Insulation is not to be left exposed in occupied spaces. Below is an example of an unacceptable practice.



- Provide all necessary blocking and backing for window blinds, curtains, toilet accessories, towel bars, robe hooks, mirrors, etc.
- Provide a knock down finish, primer coat and minimum of two paint coats for areas to receive painting.
- Vinyl wall coverings are no longer an acceptable material at LRAFB.
- Provide mechanically attached room number signage and directional signage. Room number signage shall have room number and blank window for slide-in name and unit symbol. Provide and install building signage system to include directional signage and directories.
- All carpeting shall meet or exceed the requirements of the USAF Unaccompanied Housing Design Guide, the Air Force Carpet Handbook, ETL 07-04 and UFC 3-120-10. Carpeting shall be at a minimum heavy traffic/heavy wear rated carpeting. Carpeting shall also have a geometric pattern and shall be a branded fiber. Density shall be no less than 7000 average pile density. All areas with carpeting shall also have 4 inch high seamed edge carpeted wall base from matching roll stock.
- Vinyl base is acceptable in areas without carpet or ceramic tile. Vinyl base shall be continuous roll stock, not 4' lengths and shall be installed in the longest lengths possible. Piecemealing small lengths is not acceptable.
- Base shall match floor unless noted otherwise. Examples: carpet floor = carpet base, VCT floor = vinyl or rubber base, CT floor = CT base, Porcelain tile = Porcelain base, Epoxy floor = epoxy base. Areas that require floors to contain spills and liquids shall have coved base.
- Provide base on all gyp board wall construction, to protect bottom of wall from damage.
- Carpet tile is the basis for design. Broadloom shall only be installed in areas specified by the Statement of Work. All carpet tile shall be of the non-glue down variety. Carpet tile manufacturer's standard method of installation shall include a non-glue down method. Using a different manufacturer's installation method for another manufacturer's tile is not acceptable. Carpet and installation method shall be by the same manufacturer.
- Provide an approximately 5/16" thick, non-skid abrasive strip, extruded aluminum stair treads, nosing and riser system. Treads, nosing's, risers and tile, and base in matching color, pattern, and style for stairwells for a complete and uniform system. New wall base shall not be vinyl or rubber wall base in stairwells.
- Provide thin set, 6" x 6" or larger, non-skid porcelain ceramic floor tile on floor of all bathrooms, in all laundry rooms, kitchen area, lobby area, vestibules, and public restrooms and at water fountain alcove, in color groups 2 & 3.
- Provide and install 6" high matching porcelain ceramic tile wall base in all areas with floor tile.
- Provide 6" x 6" or 6" x 8" glazed wall tile on concrete board on all wet walls from floor to ceiling. This is a minimum size only. Larger tiles may be used where appropriate based on room size.
- When laying out tile, layout of tile shall start from the center of the room to prevent small pieces of tile at the wall.
- All cuts in tile shall for utilities shall be of minimum size. Covering overlarge openings with plates are not acceptable. Escutcheons around pipes and cover plates for devices shall be of matching



materials. Lack of coordination between subcontractors will not be excuse for acceptance of poor work. Below is an example of an unacceptable practice.



- Provide 2" – 4" wide extruded aluminum transition thresholds at all changes in floor coverings. Transition thresholds shall be mechanically and adhesively attached. Vinyl and rubber transition strips are not acceptable.
- All new exterior windows, doors, and storefronts shall meet the requirements of UFC 4-010-01 Department of Defense Minimum Antiterrorism Standards for Buildings. This includes transferring the blast loads to the building structure as needed so the window, frame, and wall remain intact in case of an explosion.
- When re-using existing door frames - Provide surface preparation, welding, grinding of all steel door frames and install filler, primer and paint coats to restore all steel door frames to a like new appearance and function.
- If renovating a facility and planning to re-use the existing frames, remove all wood door frames and replace with 16 gauge welded corner steel door frames, grouted full with masonry or concrete and mechanically anchored to existing structure. Wood door frames are not acceptable and shall not be allowed to remain.
- All new wood doors shall be bonded staved solid core birch face factory finished stain grade doors.
- All new metal doors shall be 16 Gauge hot dipped galvanized and factory primed hollow metal doors. Paint as required for new finish. See Section 08 11 13 STEEL DOOR AND FRAMES.
- Paint all door frames. This includes all edges, sides, and top.
- Provide and install 6" high white reflective vinyl lettering above the kick plate of all fire exit doors reading "FIRE EXIT".
- All new doors, interior or exterior, shall at a minimum be a 3070 door, unless called out different in SOW.
- Ensure all interior doors include the following hardware and are the same/matching throughout.
  - Bonded staved solid core birch face factory finished stain grade doors. Provide rating as required.
  - 5" x 20" lites where existing and/or required.
  - Welded corner steel frames with silencers.
  - Brushed aluminum or stainless steel kick plates.
  - Ball bearing hinges.
  - Curved return lever handle locksets.
  - Locksets shall match the function of the room. For instance, Classroom locksets shall be installed on Classroom doors and Office locksets shall be installed on Office doors. Any variation of this shall be done only with coordination through the LRAFB Architect during the design process.
  - Keyed Deadbolts on all doors with locksets.
  - In dormitories that share a bath between occupant rooms, a deadbolt privacy lock and a Patio Lockset is required for the bathroom doors to prevent someone from becoming entrapped in the bathroom.

- Card Key Access System that will work with the existing CAC Card system, with manual override on occupant rooms only. Where required.
- Wall stops.
- Adjustable force door closers.
- ICU peep viewers with covers on occupant rooms only. Where required.
- Touch-Bar panic hardware on all egress doors.
- See also Section 08 71 00 Door Hardware.
- All exterior doors shall be protected from the weather with an overhang or canopy that provides adequate protection from the weather.
- Provide a concrete slab at all exterior door locations.
- Provide an exterior light at all exterior door locations.
- Provide solid surface Corian type window sills and stools at all windows. Solid surface material shall be burn resistant, and shall have geometric and speckled patterns to choose from.
- Provide and install 2" deep solid plastic commercial vertical blinds at all windows.
- CABINETRY
- Provide and install a minimum 20 gauge metal stud and 5/8" gypsum board soffit above wall cabinets. Soffit shall extend above the drop ceiling.
- Provide solid stain grade wood cabinetry. All base cabinets shall have solid wood stain grade toe-kick base. 3/4" furniture grade plywood is acceptable for drawer, sides, bottoms, backs and for backs of cabinets and adjustable shelving. MDF, OSB, particle board and other similar products are not acceptable for use in cabinetry. Concealed hinges, ball bearing slides and non-snagging pulls shall be used for all hardware. Stain grade cabinetry grain and color shall match grain and color of birch face doors.
- Provide integral covered 4" backsplash and 2" bull nose solid surface countertops with integral lavatory sinks at vanities and double bowl deep stainless steel sinks at all kitchen cabinetry. Solid surface material shall be burn resistant, and shall have geometric, speckled and marbled patterns to choose from.
- BATHROOMS
- Provide shower pan liner in all showers.
- Provide pre-cast terrazzo shower pans.
- Provide 5/8" concrete board (durock) on all walls, shower ceiling and floor and sealed with Laticrete 9235 waterproofing membrane, ("Red Guard", "green board", "blue board" and "moisture resistant board" are not acceptable products).
- Provide thin-set 6" x 6", 6" x 8" (minimum size) glazed ceramic wall tile on walls in color group 2 & 3 full height in showers and bathrooms. Shower ceiling to be ceramic tile with shower light.
- Provide new commercial grade towel bars, toilet tissue dispensers, robe hooks, wash cloth holders, soap dish shelf in showers, mirrors, et cetera.
- Provide temperature adjustable/control mixer valves in each shower. Provide hand held shower, slide bar and hose assembly in each shower. Plastic parts shall be limited. Majority of all parts shall be chrome plated bronze or brass.
- PUBLIC RESTROOMS

- Minimum requirements include toilet with seat, lavatory, stainless steel mirror (one per lavatory), toilet paper dispenser (one per toilet) that allows for an 9" jumbo roll with reserve capacity, Foam soap dispenser (one per lavatory unless there are two in a room, then one dispenser per two lavatories is acceptable), a roll type paper towel dispenser (one per lavatory unless there are two in a room, then one dispenser per two lavatories is acceptable), and a stainless steel trash disposal unit. Provide ceramic tile floor and walls with a lay-in ceiling. Wall tile on wet wall shall be on concrete board.
- Provide and install floor drain(s) near toilet fixtures and urinals in case of overflows.
- All toilet partitions shall be floor mounted, overhead braced, solid plastic toilet partitions with an integral continuous stop and hinge as manufactured by Hadrian Toilet Partitions, ARCH Series, or Eclipse Partitions Privacy by Design.
- All toilet paper dispensers, paper towel dispensers, and foam soap dispensers shall accept the supplies provided by the Base Custodial Contract unless specifically changed by the User. The A/E Firm shall confirm who supplies the products with the User to ensure during the design process.
  - San Jamar Simplicity or Georgia Pacific - Mechanical Hands Free Dispenser.
  - Foam Clean Foam Soap Dispensers.
  - Bobrick B-2892 ClassicSeries® - Surface-Mounted Twin Jumbo-Roll Toilet Tissue Dispenser (2 – 9" rolls with 3" cores).
- Toilet accessories/Dispensers shall be installed correctly and within acceptable limits. Non-compliance will result in replacement of damaged panels.





- LAUNDRY ROOMS – Where required.
- Provide sound isolation between laundry rooms and occupant rooms. Provide washer and dryer connections in pre-manufactured housings with no exposed plumbing.
- Provide and install floor drain(s) near washers and ice machine for spill containment.



- Provide curbed corner floor sink with hot and cold water. Provide mop holders above for dripping into sink.
- Provide glazed ceramic wall tile on concrete board on all wet walls, floor to ceiling.
- In masonry construction.
  - In all occupied public areas, all exterior corners are to be bull nosed block.
  - All door openings to be bull nosed block.
  - All colored masonry block or brick shall have integrally colored mortar, unless noted otherwise.
- All transformers, panel boxes, conduits, and electrical equipment shall be painted “Satin Bronzetone” from Sherwin Williams ProMar Bronzetone Enamel Custom Colors, or “SW 7542 “Naturel” depending upon location. Coordinate with LRAFB Architect for correct color selection.
- All exterior HVAC units, condensers, etc. shall be factory finished “Satin Bronzetone” from Sherwin Williams ProMar Bronzetone Enamel Custom Colors, or “SW 7542 “Naturel” depending upon location. Coordinate with LRAFB Architect for correct color selection.
- All exterior HVAC ducts shall be painted “Satin Bronzetone” from Sherwin Williams ProMar Bronzetone Enamel Custom Colors, or “SW 7542 “Naturel” depending upon location. Coordinate with LRAFB Architect for correct color selection.
- When any excavation takes place (trenches, utilities, etc.) ground surface is to be restored to better than original condition. Solid sod all disturbed soil and ensure that original elevations and slopes are maintained.
- When placing maintenance slabs next to buildings, keep in mind grounds maintenance. If the slab does not allow room for a riding mower between the maintenance slab and building (less than 6’), or has surface mounted conduits and lines that connect it to the facility, extend the slab up to the edge of the facility.
- All exterior Electrical boxes and exterior conduits shall be painted “Satin Bronzetone” from Sherwin Williams ProMar Bronzetone Enamel Custom Colors, or “SW 7542 “Naturel” depending upon location. Coordinate with LRAFB Architect for correct color selection.
- All roof top penetrations shall be painted to match the roof of the facility. Typically, this is either “Satin Bronzetone” from Sherwin Williams ProMar Bronzetone Enamel Custom Colors, or “SW 7542 “Naturel” depending upon location. Coordinate with LRAFB Architect for correct color selection.
- All roofs shall have a minimum 2’-0” overhang. Larger structures shall have a 4’-0” overhang minimum.
- When using the description “Stain Grade”, it refers to the quality of the materials and the actual final finish of the materials which shall include a stained finish. Coordinate final color selection with LRAFB Architect for approval.
- When interior finishes are being replaced, this shall also include counter tops & millwork finish.
- All newly constructed facilities or renovated exterior facilities shall include the installation of a building sign. The Sign shall be 18" x 36' Brown back ground with 12" reflective white numbers.
- LRAFB is limited to termiticide products that contain fipronil such as Termidor SC or Taurus SC. These are commonly available products and protect well over 10 years.

San Jamar's Hands Free Family Expands with Simplicity.

# Simplicity

THE SIMPLE UNIVERSAL  
HANDS FREE DISPENSER

## MECHANICAL HANDS FREE DISPENSER

**NO BATTERIES** nothing additional to inventory; ensures dispenser is always operational

**NO BUTTONS TO PROGRAM** ensures consistent 11" paper delivery every time

**NO SENSOR HASSLES** means paper is always available; no need to wait for a sensor

**NO PAPER CONTRACTS** allows freedom to source different papers



## ELECTRONIC HANDS FREE DISPENSERS

**LONG BATTERY LIFE** more economical than other electronic dispensers

**NO PAPER CONTRACTS** dispenses any quality or brand paper



### **SMART SYSTEM**

Fully programmable to monitor & control paper usage.

Easy S,M,L paper length & delay adjustments.

Infinity® Auto-Transfer System ensures complete roll usage.

### **TEAR-N-DRY**

Simple electronic dispensing.

Dispenses 10" of paper without delay every time.

**SAN JAMAR**  
Smart ♦ Safe ♦ Sanitary

THE SIMPLE UNIVERSAL HANDS FREE DISPENSER.

# Simplicity

## Hygienic Dispensing

No need for levers or cranks.

## Universal

Dispenses any most types of hand towel rolls.

## Automatic Mechanical Cutting

## Easy Loading

## Large Roll Capacity

Fits up to a 1000ft. (305M) roll of hand towel.

## Consistent Dispensing

11" (279mm) flat pre-measured sheets.

## Transparent Cover

Shows roll status at a glance.

## Stub Roll Feature

## Durable

Made of tough impact resistant materials.

Vandal-proof, break resistant, chemical and flame resistant.



## Item Number:

T7000TBK, T7000TBL



Z061017E 3/22/07

## Dispenser Specifications

Depth	9¼" (235mm)
Width	11.82" (300mm)
Height	16.09" (409mm)

## Roll Specifications

Width	8½" (215mm)
Diameter	7½"-8¼" (191-200mm)
Standard Core Size	1½" (36mm)
Weight	6.95lbs (3.15kgs)

555 Koopman Lane Elkhorn, Wisconsin 53121 USA  
T: 262.723.6133 F: 262.723.4204  
Customer Care: 800.248.9826  
Email: [sanjamar@sanjamar.com](mailto:sanjamar@sanjamar.com)  
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**SAN JAMAR**  
Smart ♦ Safe ♦ Sanitary





FoamCLEAN  
QUALITY SKIN CARE

## Hand Hygiene Program

PRE-K THROUGH 5TH GRADE



Teach good handwashing habits young...



Make it easy to remove illness-causing germs on hands...



Clean hands mean better health!



Helping develop good handwashing habits early reduces student absences and staff and family illness.

**Trust Triple S for Clean Hands and Healthier Schools**



## Keeping Staff and Students Healthy

Thorough handwashing with soap and water or rubbing hands with sanitizer (when soap and water are not available), can prevent colds and flu and cut absenteeism. Triple S has a complete offering of foam and liquid hand soaps and alcohol and non-alcohol hand sanitizers from which to choose.

### Install kid-resistant, durable, reliable dispensers...

- Upper dispensing ensures no leaks
- Variety of color options
- Durable, with locking option
- Same refills for both Manual and TouchFree
- 1000 mL enviro-conscious bag refills plus economy size 1200/1250 mL bag refills in our most popular items



Manual and TouchFree dispensers are available in a variety of colors (see product guide on back)

**“Students who wash their hands at least four times a day will take 24% fewer sick days from colds and flu.”**

- Centers for Disease Control and Prevention

### Encourage handwashing for the youngest students...

## Multi-color Kids Dispenser



Sticker sheet available to create posters or decorate dispensers.



Dispensers include our kid-friendly window cards.

Our Multi-color Kids Dispenser, paired with our rich foam products, makes handwashing fun and easy. Dispenses 0.4 mL per push for smaller hands.

### Wash away germs and boost school spirit...

#### Customize your dispenser!

Pad printing and custom window cards available, minimums apply.

#### Create your own window card!

Create your own message to design and print yourself on a desktop printer! Perforated card sheet available to order. Contact your sales rep.



## Making Handwashing Easy and Convenient

Our dispensing systems are designed to go anywhere, making it easy to practice healthy hand hygiene. Our dispensers are easy to mount, easy to refill and built to last, saving time and money.



### Encourage Healthy Habits...

Teach good handwashing habits with our kid-friendly cling signs and germ poster!



Counter Top Stand

Floor Stand

### Maximize the number of hand cleaning opportunities...



LOCATOR MAP KEY:	
<span style="color: pink;">●</span>	Hand Soap, wall mounted
<span style="color: yellow;">●</span>	Hand Sanitizer, wall mounted
<span style="color: blue;">●</span>	Hand Sanitizer, Counter Stand
<span style="color: green;">●</span>	Hand Sanitizer, Floor Stand

**“Addressing the spread of germs in schools is essential to the health of our youth and our schools. The most important thing that you can do to keep from getting sick is to wash your hands.”**

*- Centers for Disease Control and Prevention*

### Try these Elementary School favorites...



**FoamClean UltraPure Skin Cleanser**  
Ideal for Allergy Sensitive settings.

**FoamClean Hand Sanitizer**  
(contains NO alcohol)

**Ideal for Cleaning Hands when soap and water are not available.**

\* This product meets Green Seal™ Standard GS-41A based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.



COLLECTIONS Refills	Item Number	Pack / Size	Description	Color	Fragrance
<b>General Purpose</b>					
FoamClean Lotion Skin Cleanser	44098	6 / 1000 mL	Luxury formulation. Cleans medium soils. Enhanced with Aloe & Vitamin E.	Ruby Pink	Tropical
	44020	6 / 1250 mL			
FoamClean Vanilla Sensation Skin Cleanser	44030	6 / 1000 mL	Luxury formulation. Cleans medium soils. Enhanced with Aloe & Vitamin E.	Green	Vanilla
FoamClean Spring Delight Skin Cleanser	44031	6 / 1000 mL	Luxury formulation. Cleans medium soils. Enhanced with Aloe & Vitamin E.	Blue	Fresh Spring
FoamClean UltraPure Skin Cleanser	44032	6 / 1000 mL	Gentle cleaning formula. No sulfates, parabens, peanut or tree nut ingredients. No dye or fragrances. Ideal for allergy sensitive settings.	Clear	None
<b>Antibacterial</b>					
FoamClean Assure Antibacterial Skin Cleanser	44097	6 / 1000 mL	Bactericidal agent Benzalkonium Chloride at 0.13%. Formulated without Triclosan. Enhanced with Aloe and Vitamin E.	Amber	Spring Citrus
	44019	6 / 1250 mL			
<b>Hand Sanitizers</b>					
FoamClean Hand Sanitizer (No Alcohol)	44096	6 / 1000 mL	Works instantly without water. No alcohol formulation. Bactericidal agent Benzalkonium Chloride at 0.13%. Contains Aloe & Vitamin E.	Clear	Light Linen
	44017	6 / 1250 mL			
FoamClean Ascend 62 Instant Hand Sanitizer	44600	6 / 1000 mL	Works instantly without water. Bactericidal agent Ethyl Alcohol at 62%. Contains moisturizer. Improved formula for richer, thicker foam.	Clear	None
	44018	6 / 1200 mL			

COLLECTIONS Dispensers							
Item Number	Type	Color	Pack	Item Number	Type	Color	Pack
44001	Manual	Black w/black trim	6	44008	TouchFree M-Style	Black w/black trim	6
44002	Manual	Lt. Gray w/gray trim	6	44009	TouchFree M-Style	Lt. Gray w/gray trim	6
44003	Manual	White w/gray trim	6	44011	TouchFree M-Style	White w/gray trim	6
44181	Manual	Black w/chrome trim	6	44182	TouchFree M-Style	Black w/chrome trim	6
44149	Manual	White w/white trim	6	44151	TouchFree M-Style	White w/white trim	6
44152	Manual	Kid's Blue/yellow w/red trim	6	44257	Floor Stand (dispenser not included)	Silver	1
				44612	Counter Top Stand (dispenser not included)	Silver	1

Fun Things to Encourage Kids' Hand Cleaning	
LAM1453E	Sticker sheet- peel-off stickers to decorate dispensers or create posters
LIT-TSKCGW	5" x 7" How to Wash Hands cling sign- clings to walls and mirrors
LIT-TSKCGS	5" x 7" How to Sanitize Hands cling sign- clings to walls and mirrors
LIT-TSKPOS	8.5" x 11" Germ poster- hang in classroom and review with students



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## B-2892 ClassicSeries® [\(view all\)](#)

### Surface-Mounted Twin Jumbo-Roll Toilet Tissue Dispenser



#### DESCRIPTION



Satin-finish stainless steel. Equipped with tumbler lock. Spindles hold two 10" (255mm) diameter rolls with 2 1/4" (55mm) diameter core rolls; convertible for 3" (75mm) diameter core rolls. Sliding access panel exposes one roll at a time, allows easy roll change-over. Wide viewing slot in door. Quick reloading. Unit 20 13/16" W, 11 3/8" H, 5 5/16" D (530 x 290 x 135mm).

[ADD TO PROJECT SUBMITTAL BUILDER](#)

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