INDIVIDUAL UNITS	DOOR TO UNIT	SCOPING:
– UNIT #	• Steps? [Y/N]	[] FHADM
	Obstructions? [Y/N]	[ ] IBC
UNIT TYPE:	Threshold Height	
	FORCE TO OPEN (lbs):	
BR:	<ul> <li>FORCE TO CLOSE/TIME TO CLOSE (Automatic)</li> </ul>	
BA:	<ul> <li>HEIGHT OF DOOR HANDLE (34" min/48"max)</li> </ul>	TECHNICAL:
ANSI Type	<ul> <li>Height of Deadbolt Lock (34" min/48"max)</li> </ul>	[]
[A or B]:	• TYPE OF OPENING HARDWARE (Outside of door)	
	Clear Width Opening of Door	
	<ul> <li>Total # doors in unit (exclude closets, unless walk-in)</li> </ul>	Precedence:
INDIVIDUAL UNITS	KITCHEN	SCOPING:
– UNIT #	• Type of kitchen (U-shaped, Galley, Island, L-shaped)	[] FHADM
	<ul> <li>60" clear turning space (U-shaped only)? [Y/N]</li> </ul>	[] IBC
	<ul> <li>40" clear turning space" (U-shaped only, if knee space</li> </ul>	
	under sink)? [Y/N]	
	<ul> <li>Is sink at base of U (U-shaped only)? [Y/N]</li> </ul>	
	• Cabinets under sink removable? [Y/N]	TECHNICAL:
	<ul> <li>If yes, Knee/foot Space Dimensions</li> </ul>	[]
	<ul> <li>Height</li> </ul>	
	<ul> <li>Width</li> </ul>	
	<ul> <li>Depth</li> </ul>	Precedence:
	Pipes covered?	
	Space between counters/island:""	
	<ul> <li>Electrical outlets above counter, how many?</li> </ul>	
	<ul> <li>Distance from outlet to counter corner:</li> </ul>	
	<ul> <li>Other electrical outlets available?</li> </ul>	
	Height of light switches:	
	<ul> <li>30x48" cfs at each appliance? [Y/N]</li> </ul>	
	○ Sink	
	<ul> <li>[parallel or 45 degrees to counter]</li> </ul>	
	<ul> <li>Refrigerator</li> </ul>	
	o Stove	
	<ul> <li>Dishwasher</li> </ul>	
	<ul> <li>Parallel approach possible at sink? [Y/N]</li> </ul>	
	<ul> <li>If no, why not?</li> </ul>	
	<ul> <li>Parallel approach possible at stove? [Y/N]</li> </ul>	

	o If no. why not?	
	Parallel approach possible at dishwasher? [Y/N]	
	$\circ$ If no why not?	
	Height from floor to counterton:	
	Depth of counter	
	Erving ROOM	
– UNIT #	Environmental controls under 48 ? [Y/N]	
	$\circ$ Obstructions? [Y/N]	
	Horizontal depth of obstruction	
	Outlets above 15"? [Y/N] Total # Outlets:	
	Number of outlets that are non-compliant	
	<ul> <li>Is fan speed controlled by rheostat? [Y/N]</li> </ul>	TECHNICAL:
		[]
		Precedence::
INDIVIDUAL UNITS	PATIO/BALCONY	SCOPING:
– UNIT #	Patio/Balcony present? [Y/N]	[] FHADM
	<ul> <li>Number of entrances to patio/balcony</li> </ul>	[] IBC
	Patio/balcony door 1 clear opening width"	
	Door type: Sliding, Hinged	
INDIVIDUAL UNITS	Patio/balcony door 2 clear opening width"	
– UNIT #	Door type: Sliding, Hinged	TECHNICAL:
	PATIO/BALCONY	[]
	• Outside drop from door 1 to patio/balcony surface?	
	<ul> <li>Inside drop to floor at patio/balconv door 1?</li> </ul>	
	• Difference in height between indoor and outdoor?	Precedence:
	<ul> <li>Outside drop from door 2 to patio/balcopy surface?</li> </ul>	
	<ul> <li>Inside drop to floor at natio/balcony door 2?</li> </ul>	
	Difference in beight between indeer and outdoor?	
	• Difference in height between indoor and butdoor i	
	• What is not in /holes we made of 2 [Compute /We ad /Other]	
	• what is patio/balcony made of? [Concrete/wood/Other]	

INDIVIDUAL UNITS	BEDROOM #1	SCOPING:
– UNIT #	# doors in bedroom	[] FHADM
	Door type: Sliding, Hinged	[ ] IBC
	• Doors 31 5/8" wide minimum? [Y/N]	
	<ul> <li>Environmental controls under 48"? [Y/N]</li> </ul>	
	Electrical outlets over 15"? [Y/N] Total # Outlets:	
	Number electrical outlets below 15"	TECHNICAL:
		[]
		Precedence:
	BEDROOM #2	SCOPING:
– UNIT #	# doors in bedroom	[] FHADM
	Door type: Sliding, Hinged	[] IBC
	Doors 31 5/8" wide minimum? [Y/N]	
	Environmental controls under 48"? [Y/N]	
	Electrical outlets over 15"? [Y/N] Total # Outlets:	TECHNICAL
	Number electrical outlets below 15"	
		L J
		Precedence:
INDIVIDUAL UNITS	BEDROOM #3	SCOPING:
– UNIT #	# doors in bedroom	[] FHADM
	Door type: Sliding, Hinged	[ ] IBC
	Doors 31 5/8" wide minimum? [Y/N]	
	<ul> <li>Environmental controls under 48"? [Y/N]</li> </ul>	
	Electrical outlets over 15"? [Y/N] Total # Outlets:	
	Number electrical outlets below 15"	TECHNICAL:
		[]
		Precedence:

INDIVIDUAL UNITS	BATHROOM #1	SCOPING:
– UNIT #	• FHADM Specification A or B?	[] FHADM
	# doors in bathroom	[] IBC
	Door type: Sliding, Hinged	
	• Door 31 5/8" wide minimum? [Y/N]	
	• Describe: Shower / tub / both / neither?	
	• Seat? [Y/N] Roll-in? [Y/N]	TECHNICAL:
*Note: cfs = clear	<ul> <li>30x48" cfs* outside of swing of door? [Y/N]</li> </ul>	[]
floor space	Grab bars? [Y/N]	
	<ul> <li>If yes, height of grab bars:"</li> </ul>	
	• If shower only, interior 36x36"? [Y/N]	Precedence::
	TOILET	
	Grab bar side to centerline of toilet:"	
	Non-grab bar side to centerline of toilet:"	
	Total distance from grab-bar side to obstruction on other	
	side?	
	Height from floor to toilet seat:"	
	Depth from wall to front of toilet:"	
	SINK	
	Number of sinks:	
	<ul> <li>Is one sink accessible? [Y/N]</li> </ul>	
	Are ALL sinks accessible? [Y/N]	
	<ul> <li>Center of each sink 24" from obstructions? [Y/N]</li> </ul>	
	Space to Left of Sink Centerline:"	
	Space to Right of Sink Centerline:"	
	Cabinets below sink? [Y/N]	
	Cabinets removable? [Y/N]	
	<ul> <li>If yes, are floor and walls finished below? [Y/N]</li> </ul>	
	<ul> <li>Knee/foot space below sink:</li> </ul>	
	<ul> <li>Height available:"</li> </ul>	
	• Width available:"	
	• Depth available:″	
	Height from floor to countertop:"	
	Are outlets & controls usable [Y/N]	
	Towel rack [Y/N] Height:"	

INDIVIDUAL UNITS	BATHROOM #2
– UNIT #	FHADM Specification A or B?
	# doors in bathroom
	Door type: Sliding, Hinged
	Door 31 5/8" wide minimum? [Y/N]
	• Describe: Shower / tub / both / neither?
	• Seat? [Y/N] Roll-in? [Y/N]
	<ul> <li>30x48" cfs* outside of swing of door? [Y/N]</li> </ul>
	Grab bars? [Y/N]
	<ul> <li>If yes, height of grab bars:"</li> </ul>
	• If shower only, interior 36x36"? [Y/N]
	TOILET
	Grab bar side to centerline of toilet:"
	Non-grab bar side to centerline of toilet:"
	Total distance from grab-bar side to obstruction on other
	side?
	Height from floor to toilet seat:"
	Depth from wall to front of toilet:"
	SINK
	Number of sinks:
	Is one sink accessible? [Y/N]
	Are ALL sinks accessible? [Y/N]
	Center of each sink 24" from obstructions? [Y/N]
	Space to Left of Sink Centerline:"
	Space to Right of Sink Centerline:"
	Cabinets below sink? [Y/N]
	Cabinets removable? [Y/N]
	<ul> <li>If yes, are floor and walls finished below? [Y/N]</li> </ul>
	<ul> <li>Knee/foot space below sink:</li> </ul>
	<ul> <li>Height available:"</li> </ul>
	<ul> <li>Width available:"</li> </ul>
	<ul> <li>Depth available:"</li> </ul>
	Height from floor to countertop:"
	Are outlets & controls usable [Y/N]
	Towel rack [Y/N] Height:"

INDIVIDUAL UNITS	HALLWAY	
– UNIT #	Environmental controls under 48"? [Y/N]	
	• Width of hallway 36" or greater? [Y/N]	
	Outlets above 15"? [Y/N] Total # Outlets:	
INDIVIDUAL UNITS	LAUNDRY	
– UNIT #	(Common area) / private?	
	<ul> <li>30x48" cfs at washer/dryer? [Y/N]</li> </ul>	
	• Door (32") 31 5/8" wide minimum? [Y/N]	
GRAB BAR	Were grab bar reinforcement areas placed in walls during	
REINFORCEMENT	construction around tubs, toilets and showers? If yes:	
	<ul> <li>How many reinforced areas are there?</li> </ul>	
	<ul> <li>Where are they located (e.g., rear, and/or to the grab</li> </ul>	
	bar or non-grab bar side of the toilet, floor)?	
	<ul> <li>What is the height from the finished floor to the</li> </ul>	
	bottom edge of each reinforced area?	
	<ul> <li>What is the vertical length of each reinforced area?</li> <li>What is the bariagental length of each reinforced</li> </ul>	
	area?	
	<ul> <li>What is the distance from grab-bar side wall to</li> </ul>	
	centerline of toilet?	
	<ul> <li>Specify the type of reinforcement (e.g., stud wall, solid wood blocking or other solid material, whole</li> </ul>	
	wall or large area with plywood metal reinforcing	
	plate, etc.)?	





[Insert Floor Plan/Blueprint]

1.12	Grates or other openings along the route are no larger than ½ inch. Openings are positioned with the long dimension perpendicular to the dominant direction of travel.		
1.13	Changes in level along the route are no greater than ¼ inch in height, or ½ inch if beveled with a slope no greater than 1:2.		
3.2	The front approach to the pull side of the door has at least 18 inches of maneuver- ing clearance beyond the latch side and at least 60 inches of space perpendicular to the door wall.	for" min ↓	



#### Thresholds & Changes in Level at Exterior Primary and Secondary Doors

Changes in level vary depending on whether the door is a primary or secondary door and the makeup of the material of the outside landing surface. Measurements for changes in level should be taken from the finished floor or fully compressed carpet.

	In instances where the primary entry door to a dwelling unit has direct exterior access (e.g., a garden style building):	
	• If the landing material outside of the door is pervious, the exterior floor is level with the interior floor of the dwelling unit.	
4.7	- If the landing material outside of the door is impervious, the exterior floor is no more than $\frac{1}{2}$ inch below the interior floor of the dwelling unit.	
	<ul> <li>Thresholds at these doors are a maximum ¾ inch plus the change in level noted above. They must be beveled at a slope no greater than 1:2.</li> <li>Note: This could allow an exterior maximum rise of 1-¼ inch, which must be beveled with a slope no greater than 1:2.</li> </ul>	
	In instances where secondary doors lead to decks, patios, balconies, etc.:	
	<ul> <li>If the landing material outside of the door is pervious, the change in level is no more than ½ inch on the exterior side.</li> </ul>	
4.8	• If the landing material outside of the door is impervious, the change in level is no more than 4 inches on the exterior side.	
	<ul> <li>Thresholds at these doors are a maximum <sup>3</sup>/<sub>4</sub> inch plus the change in level noted above. The threshold must be beveled at a slope no greater than 1:2.</li> </ul>	
	Note: This could allow an exterior maximum rise of 4-3/4 inch (see image).	

	In instances where there is a forward reach with no barrier:	
	<ul> <li>Controls, outlets, and switches are mounted no lower than 15 inches and no higher than 48 inches AFF; and</li> </ul>	
5.1	• There is 30 x 48 inches of clear floor space at the control to allow for a forward approach.	
	Note: The height measurement is taken at the highest and lowest operable points of the control.	
	In instances where a forward reach is obstructed by a barrier that is less than 20 inches:	
	• Controls, outlets, and switches are mounted no higher than 48 inches AFF; and	
5.2	Knee space clearance of at least 27 inches AFF is provided; and	
	• There is 30 x 48 inches of clear floor space at the control to allow for a forward approach.	

	In instances where a forward reach is obstructed by a barrier that is more than 20 inches but less than 25 inches:	
	<ul> <li>Controls, outlets, and switches are mounted no higher than 44 inches AFF; and</li> <li>Knee space clearance of at least 27 inches</li> </ul>	
5.3	AFF is provided; and • There is 30 x 48 inches of clear floor space at	
	the control to allow for a forward approach.	
	Note: HUD allows a maximum countertop projection of 25 ½ inches	
	In instances where there is a side reach over an obstruction of up to 10 inches, controls, outlets, and switches are mounted no higher than 48 inches	
	AFF.	
5.4		
	In instances where there is a side reach over an obstruction greater than 10 inches but less than 24 inches, controls, outlets, and switches are mounted no higher than 46 inches AFF.	
55	*	
	46 max 1170 34 max 865 865	
	Note: HUD allows a maximum countertop projection of 25 ½ inches.	

TReinforce rooms in t the entry 1	Requirement 6: Reinforced walls for grab bars Note: Refer to state and local building codes or other HUD-Approved Safe Harbors for further guidance. d walls are required in all bathrooms in a covered dwelling unit. In addition, powder multistory units in elevator buildings where the powder room is the only toilet facility on level are required to have reinforced walls.	
There are wood, or Reinfo	no specified materials for reinforcing. It is common to use cut-off from framing, ply- metal plates.	
6.1	There is wall reinforcement of at least 6 inches wide by 24 inches long provided centered behind the toilet. The reinforced area is positioned between 32 inches maximum AFF at the bottom edge and 38 inches minimum AFF at the top edge.	]
6.2	The reinforced area is positioned between 32 inches maximum AFF at the bottom edge and 38 inches minimum AFF at the top edge. The leading edge of the wall reinforcment beside the toilet is positioned at least 36 inches from the back wall.	]

6.3	In bathrooms where the toilet is not adjacent to a wall, the floor or wall is reinforced for folding or floor-mounted grab bars.	
6.4	There is wall reinforcement of at least 6 inches wide by 24 inches long provided at the head and foot (control wall) of the tub. The reinforced areas are positioned between 32 inches maximum AFF at the bottom edge and 38 inches minimum AFF at the top edge.	
6.5	The back wall of the tub is reinforced so that there is no greater than 6 inches of non-re- inforced area on either side. The reinforced area of the tub stops at a minimum of 38 inches AFF at the top edge. $\frac{48^{\circ} \text{ min.}}{Back \text{ Wall}}$	
6.6	<ul> <li>In instances where showers are the only bathing fixture in the unit, or on the entry level of a multistory unit in a building with an elevator:</li> <li>There is a wall reinforcement of at least 6 inches provided on all walls of the shower</li> <li>Note: Glass walls are not required to be reinforced.</li> <li>The reinforced area is positioned between 32 inches maximum AFF at the bottom edge and 38 inches minimum AFF at the bottom edge.</li> </ul>	

	Requirement 7 Usable kitchens and bathroom			
*Note: Refe Usable kit	*Note: Refer to state and local building codes or other HUD-Approved Safe Harbors for further guidance.			
Both requ criteria, in	ire clear floor space positioned at fixtures and proper clearance, among other order to provide accessibility to people with disabilities.			
Usable	e Kitchens			
7.1	There is 30 x 48 inches of clear floor space cen- tered on the sink to allow for a parallel approach. Note: This measurement is taken from the center of the sink basin.			
	In instances where there are multiple sink bowls, there is 30 x 48 inches of clear floor space centered on the overall sink.			
7.2				

7.3	There is 30 x 48 inches of clear floor space cen- tered on the cooktop/range to allow for a par- allel approach. Note: Cooktops with removable base cabinets that allow for knee clearance of at least 30 inches wide by at least 27 inches high can have a centered forward approach.	
7.4	Additional appliances such as refrigerators, dishwashers, freezers, wall-mounted microwaves/ovens, and trash compactors have 30 x 48 inches of clear floor space for either a: • Centered parallel approach; or • Centered forward approach	
7.5	There is a minimum clearance of 40 inches be- tween all opposing elements within the kitch- en work area such as base cabinets, counter top edges, appliances, or walls. Note: This measurement is taken from the face of the appliance (excluding handles or controls) to whichever opposing element projects the furthest (cabinet face, countertop edge, wall, etc.).	
7.6	In instances where kitchens have an island, the 40-inch minimum clearance is maintained around all edges within the kitchen work area.	

7.7	In U-shaped kitchens, there is a 60-inch diameter turning circle at the base of the kitchen. Note: The 60-inch diameter turning circle must not be encroached upon by countertops, cabinets, refrigerators (excluding handles), etc.	
	Narrow U-shaped kitchens (lacking a 60-inch diameter turning circle) meet the following requirements:	
	• There is at least 40 inches between all opposing elements.	
	• The sink or cooktop is located at the base of the kitchen.	
	• The sink or cooktop has removable base cabinets that allow for proper knee clearance.	
	• There is knee clearance at least 30 inches wide by at least 27 inches high.	
7.8	• There is 30 x 48 inches of clear floor space centered on the sink or cooktop for a forward approach (this can include knee space).	
	<ul> <li>All pipes are covered by a removable pipe protection and panel, or wrapped with padded insulation materials.</li> <li>Note: Because ranges do not allow for knee space, a narrow U-shaped kitchen with a range at the base will not meet the FHA regulations.</li> </ul>	



## Specification B Bathrooms\*

7.15	The door has a minimum clear width of 32 inches nominal and meets all other usable door requirements (Sections 3.12–3.13).	
	There is 30 x 48 inches of clear floor space outside the swing of the door that provides a side approach to the tub.	
	The walls are reinforced for the later installation of grab bars.	
	<ul> <li>Clear floor space is provided for the lavatory by:</li> <li>30 x 48 inches of clear floor space parallel to and centered on at least one sink basin; or</li> </ul>	
	• A removable vanity cabinet to provide knee space for a forward approach.	
	<ul> <li>In instances where knee space is provided at the lavatory:</li> <li>There is no more than 19 inches of the 30 x 48 inches of required clear floor space extended under the lavatory.</li> </ul>	
	• The top fixture rim is a maximum of 34 inches AFF, with the apron at least 27 inches AFF.	
	• The depth of the wall hung or countertop lavatory is at least 17 inches from the wall.	
	In instances where removable cabinetry is provided, pipes are covered for protection by:	
	<ul> <li>Insulation around pipes; or</li> </ul>	
	Adding a fixed, one-piece protection panel.	
	*Note: For diagrams, see page 40.	

7.11	Usable bathrooms must meet all FHA requirements including, but not limited to:	
	• The bathroom is along an accessible route with a nominal 32-inch clear door opening.	
	Switches, outlets, and controls are located in accessible locations.	
	• Walls are reinforced for the later installation of grab bars.	
	• There is sufficient maneuvering space within the bathroom to permit a per- son to enter and exit the room, close and reopen the door, and use fixtures.	
:	The door has a minimum clear width of 32 inches nominal and meets all other usable door requirements (Sections 3.12–3.13).	
	There is 30 x 48 inches of clear floor space outside the swing of the door that provides a forward approach to the tub.	
	Note: A parallel approach to the tub is also possible if proper knee space or removable base cabinets are provided.	
7.14	The walls are reinforced for the later installation of grab bars.	
	Clear floor space is provided at the lavatory by:	
	• 30 x 48 inches of clear floor space parallel to and centered on the sink basin; or	
	• A removable vanity cabinet to provide knee space for a forward approach.	
	*Note: For diagram, see page 40.	







#### Showers

7.18	Showers in Specification A and Specification B bathrooms that are the only bathing fixture in the unit are at least 36 x 36 inches.	
7.19	In instances where the shower stall is 36 x 36 inches, the 30 x 48 inches of required clear floor space is positioned flush with the control wall and 12 inches offset behind the wall opposite the control wall.	
7.20	In instances where the shower stall is 36 x 48 inches, the 30 x 48 inches of clear floor space is positioned parallel with the fixture and flush with the control wall. $36" \times 48"$ shower $500 \times 10^{10} \times $	