603.2.1 TURNING SPACE. TURNING SPACE COMPLYING WITH 304 SHALL BE PROVIDED WITHIN THE ROOM. 603.2.2 OVERLAP. REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP. 603.2.3 DOOR SWING. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR

SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS SHALL BE PERMITTED TO SWING INTO THE REQUIRED TURNING SPACE. EXCEPTIONS:

1. DOORS TO A TOILET ROOM OR BATHING ROOM FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE PROVIDED THE SWING OF THE DOOR CAN BE REVERSED TO COMPLY WITH 603 2 3 2. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE

AND A CLEAR FLOOR SPACE COMPLYING WITH 305.3 IS PROVIDED

WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING, DOORS

CLEARANCE REQUIRED FOR ANY FIXTURE.

WHEN THE DOOR SWING IS REVERSED.

SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR

ADVISORY 603.2.3 DOOR SWING EXCEPTION 1. AT THE TIME THE DOOR IS INSTALLED, AND IF THE DOOR SWING IS REVERSED IN THE FUTURE, THE DOOR MUST MEET ALL THE REQUIREMENTS SPECIFIED IN 404. ADDITIONALLY, THE DOOR SWING CANNOT REDUCE THE REQUIRED WIDTH OF AN ACCESSIBLE ROUTE. ALSO, AVOID VIOLATING OTHER BUILDING OR LIFE SAFETY CODES

603.3 MIRRORS. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES (1015 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES (890 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

A SINGLE FULL-LENGTH MIRROR CAN ACCOMMODATE A GREATER NUMBER OF PEOPLE, INCLUDING CHILDREN. IN ORDER FOR MIRRORS TO BE USABLE BY PEOPLE WHO ARE AMBULATORY AND PEOPLE WHO USE WHEELCHAIRS, THE TOP EDGE OF MIRRORS SHOULD BE 74 INCHES (1880 MM) MINIMUM FROM THE FLOOR OR GROUND.

603.4 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40 INCHES (1015 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR.

604.1 GENERAL. WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH 604.2 THROUGH 604.8

604 WATER CLOSETS AND TOILET COMPARTMENTS

WATER CLOSETS AND TOILETS FOR CHILDREN'S USE SHALL BE PERMITTED TO COMPLY WITH 604.9. 604.2 LOCATION. THE WATER CLOSET SHALL BE POSITIONED WITH A

WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES (405 MM) MINIMUM TO 18 INCHES (455 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH CLEARANCE, CLEARANCES AROUND WATER CLOSETS AND IN TOILET COMPARTMENTS SHALL COMPLY WITH 604.3.

604.3.1 SIZE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES (1420 MM) MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. 604.3.2 OVERLAP. THE REQUIRED CLEARANCE AROUND THE WATER OSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET.

ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.

IN RESIDENTIAL DWELLING UNITS, A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED ON THE REAR WALL 18 INCHES (455 MM) MINIMUM FROM THE WATER CLOSET CENTERLINE WHERE THE CLEARANCE AT THE WATER CLOSET IS 66 INCHES (1675 MM) MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL.

ADVISORY 604.3.2 OVERLAP.
WHEN THE DOOR TO THE TOILET ROOM IS PLACED DIRECTLY IN FRONT OF THE WATER CLOSET, THE WATER CLOSET CANNOT OVERLAP THE REQUIRED MANEUVERING CLEARANCE FOR THE DOOR INSIDE THE

604.4 SEATS. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.

EXCEPTIONS:

1. A WATER CLOSET IN A TOILET ROOM FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL NOT BE REQUIRED TO COMPLY WITH 604.4. 2. IN RESIDENTIAL DWELLING UNITS, THE HEIGHT OF WATER CLOSETS SHALL BE PERMITTED TO BE 15 INCHES (380 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE SEAT.

604.5 GRAB BARS. GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH 609. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL.

EXCEPTIONS:

1. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN A TOILET ROOM FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN THE WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 604.5. 2. IN RESIDENTIAL DWELLING UNITS, GRAB BARS SHALL NOT BE

REQUIRED TO BE INSTALLED IN TOILET OR BATHROOMS PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH IN DETENTION OR CORRECTION FACILITIES, GRAB BARS SHALL NOT BE

REQUIRED TO BE INSTALLED IN HOUSING OR HOLDING CELLS THAT ARE SPECIFICALLY DESIGNED WITHOUT PROTRUSIONS FOR PURPOSES OF SUICIDE PREVENTION.

REINFORCEMENT MUST BE SUFFICIENT TO PERMIT THE INSTALLATION OF REAR AND SIDE WALL GRAB BARS THAT FULLY MEET ALL ACCESSIBILITY REQUIREMENTS INCLUDING, BUT NOT LIMITED TO INSTALLATION HEIGHT, AND STRUCTURAL STRENGTH.

(915 MM) LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE

WATER CLOSET 12 INCHES (305 MM) MINIMUM ON ONE SIDE AND 24

ONG MINIMUM. CENTERED ON THE WATER CLOSET. WHERE WALL

SPACE DOES NOT PERMIT A LENGTH OF 36 INCHES (915 MM) MINIMUM

DUE TO THE LOCATION OF A RECESSED FIXTURE ADJACENT TO THE

CONTROLS FOR THE FLUSH VALVES TO BE LOCATED IN A POSITION

THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THEN

THE REAR GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED

604.6 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED

OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY

WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF

2. WHERE AN ADMINISTRATIVE AUTHORITY REQUIRES FLUSH

THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE

ADVISORY 604.6 FLUSH CONTROLS.
IF PLUMBING VALVES ARE LOCATED DIRECTLY BEHIND THE TOILET

SEAT, FLUSH VALVES AND RELATED PLUMBING CAN CAUSE INJURY

OR IMBALANCE WHEN A PERSON LEANS BACK AGAINST THEM, TO

LOCATED BEHIND WALLS OR TO THE SIDE OF THE TOILET: OR IF

APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION,

PREVENT CAUSING INJURY OR IMBALANCE, THE PLUMBING CAN BE

INCHES (610 MM) MINIMUM ON THE OTHER SIDE.

TO THE OPEN SIDE OF THE TOILET AREA.

COMPARTMENTS COMPLYING WITH 604.8.2.

WATER CLOSET

604.9.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET 604.5.1 SIDE WALL. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES (1065 MM) LONG MINIMUM, LOCATED 12 INCHES (305 MM) MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES (1370 MM) MINIMUM FROM THE REAR WALL. 604.5.2 REAR WALL. THE REAR WALL GRAB BAR SHALL BE 36 INCHES

604.9.5 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND THE REAR GRAB BAR SHALL BE PERMITTED TO BE 24 INCHES (610 MM) OPERATED OR AUTOMATIC, HAND OPERATED CONTROLS SHALL COMPLY WITH 309.2 AND 309.4 AND SHALL BE INSTALLED 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR. FLUSH

605.1 GENERAL. URINALS SHALL COMPLY WITH 605.

BROADER RANGE OF PERSONS, INCLUDING PEOPLE OF SHORT 605.2 HEIGHT AND DEPTH. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES (430MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 ½

FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. 605.3 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH

SHALL BE PROVIDED. 605.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND

604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL BE 7 INCHES (180 MM) MINIMUM AND 9 INCHES (230 MM) MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLE OF THE DISPENSER SHALL BE 15 INCHES (380 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE

IF THE TOILET PAPER DISPENSERS ARE INSTALLED ABOVE THE SIDE WALL GRAB BAR, THE OUTLET OF THE TOILET PAPER DISPENSER MUST BE 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR AND THE TOP OF THE GRIPPING SURFACE OF THE GRAB BAR MUST BE 33 INCHES (840 MM) MINIMUM AND 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR.

OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW

CONTINUOUS PAPER FLOW.

604.8 TOILET COMPARTMENTS. WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS SHALL MEET THE REQUIREMENTS OF 604.8.1 AND 604.8.3. COMPARTMENTS CONTAINING MORE THAN ONE PLUMBING FIXTURE SHALL COMPLY WITH 603. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.2 AND 604.8.3.

604.8.1 WHEELCHAIR ACCESSIBLE COMPARTMENTS. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.1.

604.8.1.1 SIZE. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES (1420 MM) DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES (1500 MM) DEEP MINIMUM FOR ELOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL WHEEL CHAIR ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 59 INCHES (1500 MM) DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.

THE MINIMUM SPACE REQUIRED IN TOILET COMPARTMENTS IS PROVIDED SO THAT A PERSON USING A WHEELCHAIR CAN MANEUVER INTO POSITION AT THE WATER CLOSET. THIS SPACE CANNOT BE OBSTRUCTED BY BABY CHANGING TABLES OR OTHER FIXTURES OR CONVENIENCES, EXCEPT AS SPECIFIED AT 604.3. (OVERLAP). IF THE TOILET COMPARTMENTS ARE TO BE USED TO HOUSE FIXTURES OTHER THAN THOSE ASSOCIATED WITH THE WATER CLOSET. THEY MUST BE DESIGNED TO EXCEED THE MINIMUM SPACE REQUIREMENTS CONVENIENCE FIXTURES SUCH AS BABY CHANGING TABLES MUST ALSO BE ACCESSIBLE TO PEOPLE WITH DISABILITIES AS WELL AS TO OTHER USERS. TOILET COMPARTMENTS THAT ARE DESIGNED TO MEET, AND NOT EXCEED THE MINIMUM SPACE REQUIREMENTS MAY NOT PROVIDE ADEQUATE

SPACE FOR MANEUVERING INTO POSITION AT A BABY CHANGING

604.8.1.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES (1065 MM) MINIMUM DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES (100 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET, WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES (100 MM) MAXIMUM FROM THE FRONT PARTITION. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL

COMPLYING WITH 404 2 7 SHALL BE PLACED ON BOTH SIDES OF THE

DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL

NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.

<u>604.8.1.3 APPROACH.</u> COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES (230 MM) MINIMUM ABOVE THE FLOOR FINISH AND 6 INCHES (150 MM) DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES (305 MM) MINIMUM ABOVE THE FINISH

TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN COMPARTMENT GREATER THAN 62 INCHES (1575 MM) DEEP WITH A WALL-HUNG WATER CLOSET OR 65 INCHES (1650 MM) DEEP WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66 INCHES (1675 MM) WIDE. TOE CLEARANCE AT THE FRONT PARTITION IS NOTREQUIRED IN A COMPARTMENT FOR CHILDREN'S USE THAT IS GREATER THAN 65 INCHES (1650 MM)

604.8.1.5 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-WALL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED AND SHALL BE LOCATED ON THE WALL CLOSEST TO THE WATER CLOSET. IN ADDITION, A REAR-WALL GRAB BAR COMPLYING WITH 604.5.2 SHALL BE PROVIDED.

604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. AMBULATORY

ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.2. 604.8.1 SIZE. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60 INCHES (1525 MM) MINIMUM AND A WIDTH OF 35 INCHES (890 MM) MAXIMUM.

604.8.2.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404, EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES (1065 MM) MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA

604.8.2.3 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-LL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED ON BOTH SIDES OF THE COMPARTMENT.

604.8.3 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40 INCHES (1015 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR.

CHILDREN'S USE. WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE SHALL COMPLY WITH 604.9. WALL AND 12 INCHES (305 MM) MAXIMUM FROM THE CONTROL END 604.9.1 LOCATION. THE WATER CLOSET SHALL BE LOCATED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 12 INCHES (305 MM) MINIMUM AND 18 INCHES (455 MM) MAXIMUM FROM THE SIDE WALL

OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN 604.8.2. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET.

604.9.3 HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE 1 NCHES (280 MM) MINIMUM AND 17 INCHES (180 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.

604.9.4. GRAB BARS. GRAB BARS FOR WATER CLOSETS SHALL

CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2. 604.9.7 TOILET COMPARTMENTS. TOILET COMPARTMENTS SHALL

STALL-TYPE URINALS PROVIDE GREATER ACCESSIBILITY FOR A

INCHES (345 MM) DEEP MINIMUM MEASURED FROM THE OUTER

OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.

606 LAVATORIES AND SINKS

ADVISORY 606.1 GENERAL. IF SOAP AND TOWEL DISPENSERS ARE PROVIDED. THEY MUST BE LOCATED WITHIN THE REACH RANGES SPECIFIED IN 308. LOCATE SOAP AND TOWEL DISPENSERS SO THAT THEY ARE CONVENIENTLY USABLE BY A PERSON AT THE ACCESSIBLE LAVATORY.

<u> 506.2 CLEAR FLOOR SPACE.</u> A CLEAR FLOOR SPACE COMPLYING WITH 305, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

1. A PARALLEL APPROACH COMPLYING WITH 305 SHALL BE PERMITTED TO A KITCHEN SINK IN A SPACE WHERE A COOK TOP OR CONVENTIONAL RANGE IS NOT PROVIDED AND TO WET BARS. 2. A LAVATORY IN A TOILET ROOM OR BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL NOT BE REQUIRED TO PROVIDE KNEE AND TOE CLEARANCE COMPLYING 3. IN RESIDENTIAL DWELLING UNITS, CABINETRY SHALL BE PERMITTED UNDER LAVATORIES AND KITCHEN SINKS PROVIDED

REPLACEMENT OF THE FIXTURE; b) THE FINISH FLOOR EXTENDS UNDER THE CABINETRY: AND c) THE WALLS BEHIND AND SURROUNDING THE CABINETRY ARE 4. A KNEE CLEARANCE OF 24 INCHES (610 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SHALL BE PERMITTED AT LAVATORIES AND SINKS USED PRIMARILY BY CHILDREN 6 THROUGH 12 YEARS WHERE THE RIM, OR COUNTER SURFACE IS 31 INCHES (785 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND 5. A PARALLEL APPROACH COMPLYING WITH 305 SHALL BE PERMITTED TO LAVATORIES AND SINKS USED PRIMARILY BY CHILDREN 5 YEARS AND YOUNGER. 6. THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN

DETERMINING KNEE AND TOE CLEARANCES.

THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:

a) THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR

REQUIRED TO PROVIDE KNEE AND TOE CLEARANCE COMPLYING 606.3 HEIGHT. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES (865 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

7. NO MORE THAN ONE BLOW OF A MULTI-BOWL SINK SHALL BE

EXCEPTIONS:

1. A LAVATORY IN A TOILET OR BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL NOT BE REQUIRED TO COMPLY WITH 606.3. 2. IN RESIDENTIAL DWELLING UNIT KITCHENS. SINKS THAT ARE ADJUSTABLE TO VARIABLE HEIGHTS, 29 INCHES (735 MM) MINIMUN AND 36 INCHES (915 MM) MAXIMUM SHALL BE PERMITTED WHERE ROUGH-IN PLUMBING PÉRMITS CONNECTIONS OF SUPPLY AND

DRAIN PIPES FOR SINKS MOUNTED AT THE HEIGHT OF 29 INCHES

606.4 FAUCETS. CONTROLS FOR FAUCETS SHALL COMPLY WITH 309. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM

606.5 EXPOSED PIPES AND SURFACES. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS

607 BATHTUBS

OR 607.4.2.

607.1 GENERAL. BATHTUBS SHALL COMPLY WITH 607. <u>607.2 CLEARANCE.</u> CLEARANCE IN FRONT OF BATHTUBS SHALL EXTEND THE LENGTH OF THE BATHTUB AND SHALL BE 30 INCHES (760 MM) WIDE MINIMUM. A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED AT THE CONTROL END OF THE CLEARANCE. WHERE A PERMANENT SEAT IS PROVIDED AT THE HEAD END OF THE BATHTUB. THE CLEARANCE SHALL EXTEND 12 INCHES (305 MM) MINIMUM BEYOND THE WALL AT THE HEAD END OF THE BATHTUB.

607.3 SEAT. A PERMANENT SEAT AT THE HEAD END OF THE BATHTUB OR A REMOVABLE IN-TUB SEAT SHALL BE PROVIDED. SEATS SHALL COMPLY WITH 610. 607.4 GRAB BARS. GRAB BARS FOR BATHTUBS SHALL COMPLY

NITH 609 AND SHALL BE PROVIDED IN ACCORDANCE WITH 607.4.1

EXCEPTIONS:

1. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN A BATHTUB LOCATED IN A BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 607 4 2. IN RESIDENTIAL DWELLING UNITS, GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN BATHTUBS LOCATED IN BATHING FACILITIES PROVIDED THAT REINFORCEMENT HAS BEEN

INSTALLATION OF GRAB BARS COMPLYING WITH 607.4. 607.4.1 BATHTUBS WITH PERMANENT SEATS. FOR BATHTUBS WITH PERMANENT SEATS, GRAB BARS SHALL BE PROVIDED IN ACCORDANCE WITH 607.4.1

INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE

607.4.1.1 BACK WALL. TWO GRAB BARS SHALL BE LOCATED ON THE BACK WALL, ONE LOCATED IN ACCORDANCE WITH 609.4 AND THE OTHER LOCATED 8 INCHES (205 MM) MINIMUM AND 10 INCHES (255 MM) MAXIMUM ABOVE THE RIM OF THE BATHTUB. EACH GRAB BAR SHALL BE INSTALLED 15 INCHES (380 MM) MAXIMUM FROM THE HEAD END WALL AND 12 INCHES (305 MM) MAXIMUM FROM THE CONTROL END WALL.

607.4.1.2 CONTROL END WALL. A GRAB BAR 24 INCHES (610 MM) ONG MINIMUM SHALL BE INSTALLED ON THE CONTROL END WALL AT THE FRONT EDGE OF THE BATHTUB.

WITHOUT PERMANENT SEATS, GRAB BARS SHALL COMPLY WITH 607.4.2.1 BACK WALL. TWO GRAB BARS SHALL BE INSTALLED ON THE BACK WALL, ONE LOCATED IN ACCORDANCE WITH 609.4 AND OTHER LOCATED 8 INCHES (205 MM) MINIMUM AND 10 INCHES (255 MM) MAXIMUM ABOVE THE RIM OF THE BATHTUB. EACH GRAB BAR SHALL BE 24 INCHES (610 MM) MAXIMUM FROM THE HEAD END

607.4.2 BATHTUBS WITHOUT PERMANENT SEATS. FOR BATHTUBS

607.4.2.2 CONTROL END WALL. A GRAB BAR 24 INCHES (610 MM) LONG MINIMUM SHALL BE INSTALLED ON THE CONTROL END WALL AT THE FRONT EDGE OF THE BATHTUB.

607.4.2.3 HEAD END WALL. A GRAB BAR 12 INCHES (305 MM) LONG MINIMUM SHALL BE INSTALLED ON THE HEAD END WALL AT THE FRONT EDGE OF THE BATHTUB. <u>307.5 CONTROLS.</u> CONTROLS, OTHER THAN DRAIN STOPPERS SHALL BE LOCATED ON AN END WALL. CONTROLS SHALL BE

BETWEEN THE BATHTUB RIM AND GRAB BAR. AND BETWEEN THE

OPEN SIDE OF THE BATHTUB AND THE CENTERLINE OF THE WIDTH

OF THE BATHTUB. CONTROLS SHALL COMPLY WITH 309.4. 607.6 SHOWER SPRAY UNIT AND WATER. A SHOWER SPRAY UNIT NITH A HOSE OF 59 INCHES (1500 MM) LONG MINIMUM THAT CAN BE USED BOTH AS A FIXED-POSITION SHOWER HEAD AND AS A HAND-HELD SHOWER SHALL BE PROVIDED. THE SHOWER SPRAY UNIT SHALL HAVE AN ON/OFF CONTROL WITH A NON-POSITIVE SHUT-OFF. IF AN ADJUSTABLE-HEIGHT SHOWER HEAD ON A VERTICAL BAR IS USED, THE BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF GRAB BARS, BATHTUB SHOWER SPRA' UNITS SHALL DELIVER WATER THAT IS 120°F (49°C) MAXIMUM.

607.7 BATHTUB ENCLOSURES. ENCLOSURES FOR BATHTUBS SHALL NOT OBSTRUCT CONTROLS. FAUCETS. SHOWER AND SPRAY UNITS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO BATHTUB SEATS OR INTO BATHTUBS, ENCLOSURES ON BATHTUBS SHALL NOT HAVE TRACKS INSTALLED ON THE RIM OF THE OPEN FACE OF **608 SHOWER COMPARTMENTS**

608.1 GENERAL. SHOWER COMPARTMENTS SHALL COMPLY WITH

SHOWER STALLS THAT ARE 60 INCHES (1525 MM) WIDE AND HAVE NO CURB MAY INCREASE THE USABILITY OF A BATHROOM BECAUSE THE SHOWER AREA PROVIDES ADDITIONAL MANEUVERING SPACE. 608.2 SIZE AND CLEARANCES FOR SHOWER COMPARTMENTS.

SHOWER COMPARTMENTS SHALL HAVE SIZES AND CLEARANCES

COMPLYING WITH 608.2.

<u> 18.2.1 TRANSFER TYPE SHOWER COMPARTMENTS.</u> TRANSFER PE SHOWER COMPARTMENTS SHALL BE 36 INCHES (915 MM) BY 606.1 GENERAL. LAVATORIES AND SINKS SHALL COMPLY WITH 606. 36 INCHES (915 MM) CLEAR INSIDE DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES AND SHALL HAVE A 36 INCH (915 MM) WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER

> MINIMUM BY 48 INCHES (1220 MM) LONG MINIMUM MEASURED FROM THE CONTROL WALL SHALL BE PROVIDED. <u>8.2.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS.</u> STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 30 INCHES (760 MM) WIDE MINIMUM BY 60 INCHES (1525 MM) DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT CENTER

POINTS OF OPPOSING SIDES AND SHALL HAVE A 60 INCHES (1525) MM) WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER COMPARTMENT. 608.2.2.1 CLEARANCE. A 30 INCH (760 MM) WIDE MINIMUM BY 60 INCH (1525 MM) LONG MINIMUM CLEARANCE SHALL BE PROVIDED

ADJACENT TO THE OPEN FACE OF THE SHOWER COMPARTMENT. A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED ON ONE 30 INCH (760 MM) WIDE MINIMUM SIDE OF THECLEARANCE PROVIDED THAT IT IS NOT ON THE SIDE OF THE CLEARANCE ADJACENT TO THE CONTROLS OR, WHERE PROVIDED, NOT ON THE SIDE OF THE CLEARANCE ADJACENT TO THE SHOWER SEAT

COMPARTMENT, CLEARANCE OF 36 INCHES (915 MM) WIDE

STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 30 INCHES (760 MM) WIDE MINIMUM BY 60 INCHES (1525 MM) DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT CENTER POINTS OF OPPOSING SIDES AND SHALL HAVE A 60 INCHES (1525) MM) WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER

<u>608.2.2.1 CLEARANCE.</u> A 30 INCH (760 MM) WIDE MINIMUM BY 60 INCH (1525 MM) LONG MINIMUM CLEARANCE SHALL BE PROVIDED ADJACENT TO THE OPEN FACE OF THE SHOWER COMPARTMENT.

A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED ON ONE 30 INCH (760 MM) WIDE MINIMUM SIDE OF THECLEARANCE PROVIDED THAT IT IS NOT ON THE SIDE OF THECLEARANCE ADJACENT TO THE CONTROLS OR, WHERE PROVIDED, NOT ON THE SIDE OF THE CLEARANCE ADJACENT TO THE SHOWER SEAT

<u>608.2.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS.</u> I TERNATE ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 36 INCHES (915 MM) WIDE AND 60 INCHES (1525 MM) DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT CENTER POINTS OF OPPOSING SIDES. A 36 INCH (915 MM) WIDE MINIMUM ENTRY SHALL BE PROVIDED AT ONE END OF THE LONG SIDE OF THE

608.3 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609 AND SHALI BE PROVIDED IN ACCORDANCE WITH 608.3. WHERE MULTIPLE GRAB BARS ARE USED. REQUIRED HORIZONTAL GRAB BARS SHALL BE INSTALLED AT THE SAME HEIGHT ABOVE THE FINISH FLOOR.

1. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN A SHOWER LOCATED IN A BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE. AND NOT FOR COMMON USE OR PUBLIC USE PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 608 3 2. IN RESIDENTIAL DWELLING UNITS, GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN SHOWERS LOCATED IN BATHING FACILITIES PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 608.3

08.3.1 TRANSFER TYPE SHOWER COMPARTMENTS. IN TRANSFER

YPE COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND BACK WALL TO A POINT 18 INCHES (455 MM) FROM THE CONTROL WALL. 608.3.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. WHERE A SEAT IS PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THE BACK WALL AND THE SIDE WALL OPPOSITE THE SEAT. GRAB BARS SHALL NOT BE PROVIDED ABOVE THE SEAT. WHERE A SEAT IS NOT PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS,

SHALL BE INSTALLED 6 INCHES (150 MM) MAXIMUM FROM ADJACENT WALLS. 108.4 SEATS. A FOLDING OR NON-FOLDING SEAT SHALL BE ROVIDED IN TRANSFER TYPE SHOWER COMPARTMENTS. A FOLDING SEAT SHALL BE PROVIDED IN ROLL-IN TYPE SHOWERS REQUIRED IN TRANSIENT LODGING GUEST ROOMS WITH MOBILITY FEATURES COMPLYING WITH 806.2. SEATS SHALL COMPLY WITH

GRAB BARS SHALL BE PROVIDED ON THREE WALLS. GRAB BARS

IN RESIDENTIAL DWELLING UNITS, SEATS SHALL NOT BE REQUIRED IN TRANSFER TYPE SHOWER COMPARTMENTS PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS SO AS TO PERMIT THE INSTALLATION OF SEATS COMPLYING WITH 608.4. 608.5 CONTROLS. CONTROLS, FAUCETS AND SHOWER SPRAY

JNITS SHALL COMPLY WITH 309.4. 108.5.1 TRANSFER TYPE SHOWER COMPARTMENTS. IN TRANSFER PE SHOWER COMPARTMENTS. THE CONTROLS. FAUCETS AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON THE SIDE WALL OPPOSITE THE SEAT 38 INCHES (965 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE SHOWER FLOOR AND SHALL BE LOCATED ON THE CONTROL WALL 15 INCHES (380 MM) MAXIMUN FROM THE CENTERLINE OF THE SEAT TOWARD THE SHOWER

608.5.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, THE CONTROLS, FAUCETS AND SHOWER SPRAY UNIT SHALL BE LOCATED ABOVE THE GRAB BAR. BUT NO HIGHER THAN 48 INCHES (1220 MM) ABOVE THE SHOWER FLOOR. WHERE A SEAT IS PROVIDED. THE CONTROLS. FAUCETS AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON THE BACK WALL ADJACENT TO THE SEAT WALL AND SHALL BE LOCATED 27 INCHES (685 MM) MAXIMUM FROM THE SEAT WALL.

<u> ADVISORY 608.5.2 STANDARD ROLL-IN TYPE SHOWER</u> COMPARTMENTS. IN STANDARD ROLL-IN TYPE SHOWERS WITHOUT SEATS, THE SHOWER HEAD AND OPERABLE PARTS CAN BE LOCATED ON ANY OF THE THREE WALLS OF THE SHOWER WITHOUT ADVERSELY AFFECTING ACCESSIBILITY.

ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS, THE CONTROLS, FAUCETS AND SHOWER SPRAY UNIT SHALL BE LOCATED ABOVE THE GRAB BAR, BUT NO HIGHER THAN 48 INCHES (1220 MM) ABOVE THE SHOWER FLOOR. WHERE A SEAT IS PROVIDED, THE CONTROLS, FAUCETS AND SHOWER SPRAY UNIT SHALL BE LOCATED ON THE SIDE WALL ADJACENT TO THE SEAT 27 INCHES (685 MM) MAXIMUM FROM THE SIDE WALL BEHIND THE SEAT OR SHALL BE LOCATED ON THE BACK WALL OPPOSITE THE SEAT 19 INCHES (380 MM) MAXIMUM. LEFT OR RIGHT, OF THE CENTERLINE OF THE SEAT. WHERE A SEAT IS NOT PROVIDED, THE CONTROLS FAUCETS AND SPRAY UNIT SHALL BE INSTALLED ON THE SIDE WALL FARTHEST FROM THE COMPARTMENT ENTRY.

608.6 SHOWER SPRAY UNIT AND WATER. A SHOWER SPRAY UNIT WITH A HOSE 59 INCHES (1500 MM) LONG MINIMUM THAT CAN BE USED BOTH AS A FIXED-POSITION SHOWER HEAD AND AS A HAND HELD SHOWER SHALL BE PROVIDED. THE SHOWER SPRAY UNIT SHALL HAVE AN ON/OFF CONTROL WITH A NON-POSITIVE SHUT-OFF. IF AN ADJUSTABLE-HEIGHT SHOWER HEAD ON A VERTICAL BAR IS USED. THE BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF GRAB BARS. SHOWER SPRAY UNITS SHALL DELIVER WATER THAT IS 120°F (49°C) MAXIMUM.

A FIXED SHOWER HEAD LOCATED AT 48 INCHES (1220 MM) MAXIMUM ABOVE THE SHOWER FINISH FLOOR SHALL BE PERMITTED INSTEAD OF A HAND-HELD SPRAY UNIT IN FACILITIES THAT ARE NOT MEDICAL CARE FACILITIES. LONG TERM CARE FACILITIES. TRANSIENT LODGING GUEST ROOMS, OR RESIDENTIAL DWELLING

NSURE THAT HAND-HELD SHOWER SPRAY UNITS ARE CAPABLE

OF DELIVERING WATER PRESSURE SUBSTANTIALLY EQUIVALENT TO

FIXED SHOWER HEADS 08.7 THRESHOLDS. THRESHOLDS IN ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE ½ INCH (13 MM) HIGH MAXIMUM IN ACCORDANCE WITH 303. IN TRANSFER TYPE SHOWER COMPARTMENTS, THRESHOLDS 1/2 INCH (13 MM) HIGH MAXIMUM SHALL BE BEVELED, ROUNDED OR VERTICAL.

A THRESHOLD 2 INCHES (51 MM) HIGH MAXIMUM SHALL BE

PERMITTED IN TRANSFER TYPE SHOWER COMPARTMENTS IN

EXISTING FACILITIES WHERE PROVISION OF A ½ INCH (13 MM) HIGH

ADVISORY 608.6 SHOWER SPRAY UNIT AND WATER.

THRESHOLD WOULD DISTURB THE STRUCTURAL REINFORCEMENT OF THE FLOOR SLAB. 608.8 SHOWER ENCLOSURES. ENCLOSURES FOR SHOWER COMPARTMENTS SHALL NOT OBSTRUCT CONTROLS, FAUCETS AND SHOWER SPRAY UNITS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO SHOWER SEATS.

609 GRAB BARS

609.1 GENERAL. GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL COMPLY WITH 609. 309.2 CROSS SECTION. GRAB BARS SHALL HAVE A CROSS SECTION OMPLYING WITH 609.2.1 OR 609.2.2.

609.2.1 CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES (32 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM. 609.2.2 NON-CIRCULAR CROSS SECTION. GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION OF 2 INCHES (51 MM) MAXIMUM AND A PERIMETER DIMENSION OF 4 INCHES

609.3 SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 ½ INCHES (38 MM). THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES (38 MM) MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES (305 MM) MINIMUM.

THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS.

SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE

(100 MM) MINIMUM AND 4.8 INCHES (120 MM) MAXIMUM.

PERMITTED TO BE 1 ½ INCHES (38 MM) MINIMUM. 609.2.2 NON-CIRCULAR CROSS SECTION. GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION OF 2 INCHES (51 MM) MAXIMUM AND A PERIMETER DIMENSION OF 4 INCHES (100 MM) MINIMUM AND 4.8 INCHES (120 MM) MAXIMUM.

> 609.4 POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES (840 MM) MINIMUM AND 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S LISE COMPLYING WITH 604 9 GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES (455 MM) MINIMUM AND 27 INCHES (685 MM) MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. THE HEIGHT OF THE LOWER GRAB BAR ON THE BACK WALL OF A BATHTUB SHALL

COMPLY WITH 607.4.1.1 OR 607.4.2.1.

609.5 SURFACE HAZARDS. GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES. 609.6 FITTINGS. GRAB BARS SHALL NOT ROTATE WITHIN THEIR

609.7 INSTALLATION. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.

609.8 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (1112N) IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE. <u>610 SEATS</u>

610.2 BATHTUB SEATS. THE TOP OF BATHTUB SEATS SHALL BE 17

INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE

610.1 GENERAL. SEATS IN BATHTUBS AND SHOWER COMPARTMENTS SHALL COMPLY WITH 610.

THE BATHROOM FINISH FLOOR. THE DEPTH OF A REMOVABLE IN-TUE SEAT SHALL BE 15 INCHES (380 MM) MINIMUM AND 16 INCHES (405 MM) MAXIMUM. THE SEAT SHALL BE CAPABLE OF SECURE PLACEMENT. PERMANENT SEATS AT THE HEAD END OF THE BATHTUB SHALL BE 15 INCHES (380 MM) DEEP MINIMUM AND SHALL EXTEND FROM THE BACK WALL TO OR BEYOND THE OUTER EDGE OF THE BATHTUB. 610.3 SHOWER COMPARTMENT SEATS. WHERE A SEAT IS PROVIDED IN STANDARD ROLL-IN SHOWER COMPARTMENT, IT SHALL BE A FOLDING TYPE. SHALL BE INSTALLED ON THE SIDE WALL ADJACENT TO THE CONTROLS, AND SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3 INCHES (75 MM) OF THE COMPARTMENT ENTRY, WHERE A SEAT IS PROVIDED IN AN ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT, IT SHALL BE A FOLDING TYPE, SHALL BE INSTALLED ON THE FRONT WALL OPPOSITE THE BACK WALL, AND SHALL EXTEND FROM THE ADJACENT SIDE WALL TO A POINT WITHIN 3 INCHES (75 MM) OF THE COMPARTMENT ENTRY. IN TRANSFER-TYPE SHOWERS, THE SEAT SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3 INCHES (75 MM) OF THE COMPARTMENT ENTRY. THE TOP OF THE SEAT SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE THE BATHROOM FINISH FLOOR. SEATS SHALL

COMPLY WITH 610.3.1 OR 610.3.2. 610.3.1 RECTANGULAR SEATS. THE REAR EDGE OF A RECTANGULAR SEAT SHALL BE 2 1/2 INCHES (64 MM) MAXIMUM AND THE FRONT EDGE 15 INCHES (380 MM) MINIMUM AND 16 INCHES (405 MM) MAXIMUM FROM THE SEAT WALL. THE SIDE EDGE OF THE SEAT SHALL BE 1 ½ INCHES (38 MM) MAXIMUM FROM THE ADJACENT WALL.

610.3.2 L-SHAPED SEATS. THE REAR EDGE OF AN L-SHAPED SEAT SHALL BE 2 ½ INCHES (64 MM) MAXIMUM AND THE FRONT EDGE 15 INCHES (380 MM) MINIMUM AND 16 INCHES (405 MM) MAXIMUM FROM THE SEAT WALL, THE REAR EDGE OF THE "L" PORTION OF THE SEAT SHALL BE 1 1/2 INCHES (38 MM) MAXIMUM FROM THE WALL AND THE FRONT EDGE SHALL BE 14 INCHES (355 MM) MINIMUM AND 15 INCHES (380 MM) MAXIMUM FROM THE WALL. THE END OF THE "L" SHALL BE 22 INCHES (560 MM) MINIMUM AND 23 INCHES MAXIMUM (585 MM) FROM THE MAIN SEAT WALL.

610.4 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (1112 N) IS APPLIED AT ANY POINT ON THE SEAT, FASTENER, MOUNTING DEVICE, OR SUPPORTING

809 RESIDENTIAL DWELLING UNITS

309.1 GENERAL. RESIDENTIAL DWELLING UNITS SHALL COMPLY WITH 809. RESIDENTIAL DWELLING UNITS REQUIRED TO PROVIDE MOBILITY FEATURES SHALL COMPLY WITH 809.2 THROUGH 809.4. RESIDENTIAL DWELLING UNITS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH 809.5. 809.2 ACCESSIBLE ROUTES. ACCESSIBLE ROUTES COMPLYING WITH

CHAPTER 4 SHALL BE PROVIDED WITHIN RESIDENTIAL DWELLING UNITS IN ACCORDANCE WITH 809.2. ACCESSIBLE ROUTES SHALL NOT BE REQUIRED TO OR WITHIN

UNFINISHED ATTICS OR UNFINISHED BASEMENTS. 809.2.1 LOCATION. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ALL SPACES AND ELEMENTS WHICH ARE A PART OF THE RESIDENTIAL DWELLING UNIT. WHERE ONLY ONE ACCESSIBLE ROUTE IS PROVIDED, IT SHALL NOT PASS THROUGH THE BATHROOMS, CLOSETS, OR SIMILAR SPACES.

809.2.2 TURNING SPACE. ALL ROOMS SERVED BY AN ACCESSIBLE ROUTE SHALL PROVIDE A TURNING SPACE COMPLYING WITH 304. EXCEPTION:
TURNING SPACE SHALL NOT BE REQUIRED IN EXTERIOR SPACES 30 INCHES (760 MM) MAXIMUM IN DEPTH OR WIDTH.

IT IS GENERALLY ACCEPTABLE TO USE REQUIRED CLEARANCES TO PROVIDE WHEELCHAIR TURNING SPACE. FOR EXAMPLE. IN KITCHENS 804.3.1 REQUIRES AT LEAST ONE WORK SURFACE WITH CLEAR FLOOR SPACE COMPLYING WITH 306 TO BE CENTERED BENEATH. IF DESIGNERS ELECT TO PROVIDE CLEAR FLOOR SPACE THAT IS AT LEAST 36 INCHES (915 MM) WIDE, AS OPPOSED TO THE REQUIRED 30 INCHES (760 MM) WIDE THAT CLEARANCE CAN BE PART OF A T-TURN THEREBY MAXIMIZING EFFICIENT USE OF THE KITCHEN AREA. HOWEVER. THE OVERLAP OF TURNING SPACE MUST BE LIMITED TO ONE SEGMENT OF THE T-TURN SO THAT BACK-UP MANEUVERING IS NOT RESTRICTED. IT WOULD, THEREFORE, BE UNACCEPTABLE TO USE BOTH THE CLEARANCES UNDER THE WORK SURFACE AND THE SINK AS PART OF A T-TURN. SEE SECTION 340.3.2 REGARDING T-TURNS. 809.3 KITCHEN. WHERE A KITCHEN IS PROVIDED IT SHALL COMPLY

BATHROOM SHALL COMPLY WITH 603. NO FEWER THAN ONE OF EACH TYPE OF FIXTURE PROVIDED SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF 603 THROUGH 610. TOILET AND BATHING FIXTURES REQUIRED TO COMPLY WITH 603 THROUGH 610 SHALL BE LOCATED IN THE SAME TOILET AND BATHING AREA. SUCH THAT TRAVEL BETWEEN FIXTURES DOES NOT REQUIRE TRAVEL BETWEEN OTHER PARTS OF THE RESIDENTIAL DWELLING UNIT.

809.4 TOILET FACILITIES AND BATHING FACILITIES. AT LEAST ONE

N AN EFFORT TO PROMOTE SPACE EFFICIENCY, VANITY COUNTER TOP SPACE IN ACCESSIBLE RESIDENTIAL DWELLING UNITS IS OFTEN OMITTED. THIS OMISSION DOES NOT PROMOTE EQUAL ACCESS OR EQUAL ENJOYMENT OF THE UNIT. WHERE COMPARABLE UNITS HAVE VANITY COUNTER TOPS, ACCESSIBLE UNITS SHOULD ALSO HAVE VANITY COUNTER TOPS LOCATED AS CLOSE AS POSSIBLE TO THE LAVATORY FOR CONVENIENT

809.5 RESIDENTIAL DWELLING UNITS WITH COMMUNICATION
FEATURES. RESIDENTIAL DWELLING UNITS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH 809.5.

ACCESS TO TOILETRIES.

809.5.1 BUILDING FIRE ALARM SYSTEM. WHERE A BUILDING FIRE ALARM SYSTEM IS PROVIDED. THE SYSTEM WIRING SHALL BE EXTENDED TO A POINT WITHIN THE RESIDENTIAL DWELLING UNIT IN THE VICINITY OF THE RESIDENTIAL DWELLING UNIT SMOKE DETECTION SYSTEM. 809.5.1.1 ALARM APPLIANCES. WHERE ALARM APPLIANCES ARE

BUILDING FIRE ALARM SYSTEM, THEY SHALL COMPLY WITH 702. 809.5.1.2 ACTIVATION. ALL VISIBLE ALARM APPLIANCES PROVIDED WITHIN THE RESIDENTIAL DWELLING UNIT FOR BUILDING FIRE ALARM NOTIFICATION SHALL BE ACTIVATED UPON ACTIVATION OF THE BUILDING FIRE ALARM IN THE PORTION OF THE BUILDING

<u>309.5.2 RESIDENTIAL DWELLING UNIT SMOKE DETECTION SYSTEM.</u>

RESIDENTIAL DWELLING UNIT SMOKE DETECTION SYSTEMS SHAL

DWELLING UNIT SMOKE DETECTION AND BUILDING FIRE ALARM

CONTAINING THE RESIDENTIAL DWELLING UNIT.

PROVIDED WITHIN A RESIDENTIAL DWELLING UNIT AS PART OF THE

COMPLY WITH NFPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE, SEE "REFERENCED STANDARDS" IN CHAPTER 1). 309.5.2.1 ACTIVATION. ALL VISIBLE ALARM APPLIANCES PROVIDED WITHIN THE RESIDENTIAL DWELLING UNIT FOR SMOKE DETECTION NOTIFICATION SHALL BE ACTIVATED UPON SMOKE DETECTION. 09.5.3 INTERCONNECTION. THE SAME VISIBLE ALARM APPLIANCES SHALL BE PERMITTED TO PROVIDE NOTIFICATION OF RESIDENTIAL

309.5.4 PROHIBITED USE. VISIBLE ALARM APPLIANCES USED TO INDICATE RESIDENTIAL DWELLING UNIT SMOKE DETECTION OR BUILDING FIRE ALARM ACTIVATION SHALL NOT BE USED FOR ANY OTHER PURPOSE WITHIN THE RESIDENTIAL DWELLING UNIT. <u>309.5.5 RESIDENTIAL DWELLING UNIT PRIMARY ENTRANCE</u> COMMUNICATION FEATURES SHALL BE PROVIDED AT THE

309.5.5.1 NOTIFICATION. A HARD-WIRED DOORBELL SHALL BE PROVIDED. A BUTTON OR SWITCH SHALL BE PROVIDED OUTSIDE THE RESIDENTIAL DWELLING UNIT PRIMARY ENTRANCE. ACTIVATION OF THE BUTTON OR SWITCH SHALL INITIATE AN AUDIBLE TONE AND VISIBLE SIGNAL WITHIN THE RESIDENTIAL DWELLING UNIT. WHERE VISIBLE DOORBELL SIGNALS ARE LOCATED IN SLEEPING AREAS, THEY SHALL HAVE CONTROLS TO DEACTIVATE THE SIGNAL. IDENTIFICATION. A MEANS FOR VISUALLY IDENTIFYING A VISITOR

RESIDENTIAL DWELLING UNIT PRIMARY ENTRANCE COMPLYING

WITH 809.5.5

FROM THE DOOR.

HORIZONTAL BLOCKING FO

REINF. AREA OF GRAB BARS

SHOWN HATCHED (TYP.)

SHALL BE PROVIDED AND SHALL ALLOW FOR A MINIMUM 180 DEGREE RANGE OF VIEW. IN DOORS, PEEPHOLES THAT INCLUDE PRISMS CLARIFY THE IMAGE AND SHOULD OFFER A WIDE-ANGLE VIEW OF THE HALLWAY OR EXTERIOR FOR BOTH STANDING PERSONS AN WHEELCHAIR USERS. SUCH PEEPHOLES CAN BE PLACED AT A

STANDARD HEIGHT AND PERMIT A VIEW FROM SEVERAL FEET

WITHOUT OPENING THE RESIDENTIAL DWELLING UNIT ENTRY DOOR

809.5.6 SITE, BUILDING, OR FLOOR ENTRANCE. WHERE A SYSTEM, NCLUDING A CLOSED-CIRCUIT SYSTEM, PERMITTING VOICE COMMUNICATION BETWEEN A VISITOR AND THE OCCUPANT OF THE RESIDENTIAL DWELLING IS PROVIDED. THE SYSTEM SHALL

NOTE: GRAB BAR AT HEAD

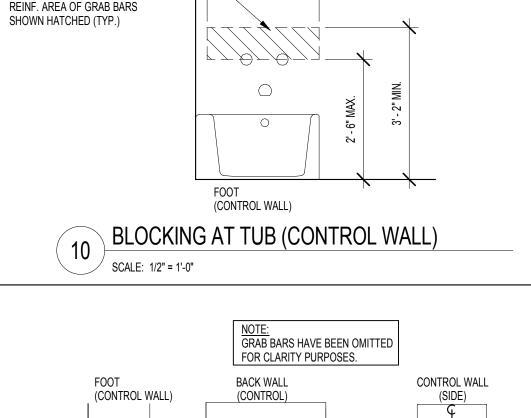
IF A PERMANENT BUILT-IN

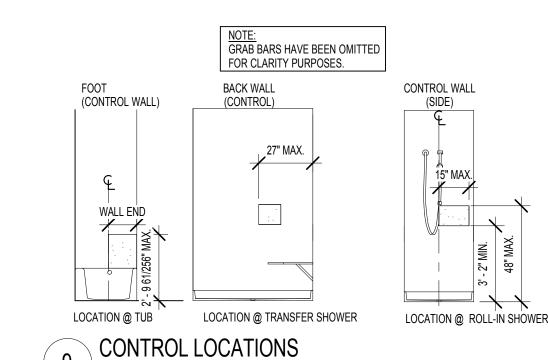
BLOCKING AT TUB (HEAD WALL

SIDE OF TUB CAN BE OMITTED

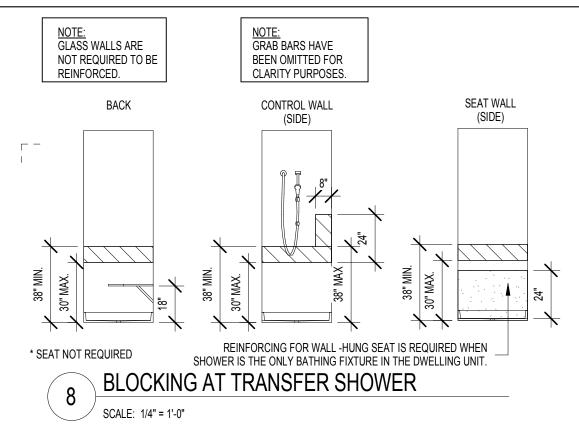
TRANSFER SEAT IS PROVIDED

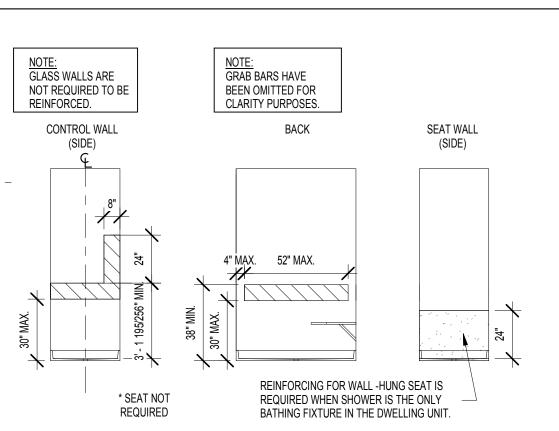
18" MIN.





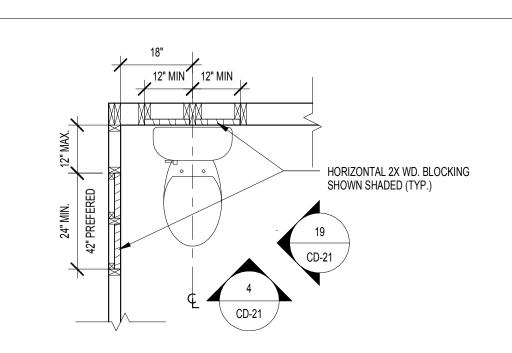
SCALE: 1/4" = 1'-0'





BLOCKING AT ROLL-IN SHOWER

SCALE: 1/4" = 1'-0"



18" MIN.

60" MIN.CLEAR

CLEARANCE AT W.C. ADJACENT TO VANITY

36" MIN. CLEAR

SCALE: 1/2" = 1'-0"

LAVATORY MUST COMPLY

WITH 606.2 EXCEPTION 3

LAVATORY OR ANY OTHER

NOT PROJECT MORE THAN

24" INTO ROOM (TYP.)

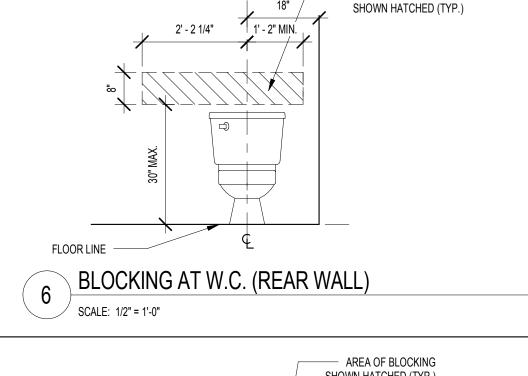
FIXTURE OR WING WALL MAY

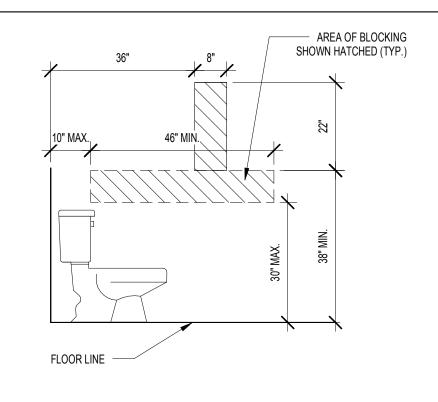
LINE OF CLEAR

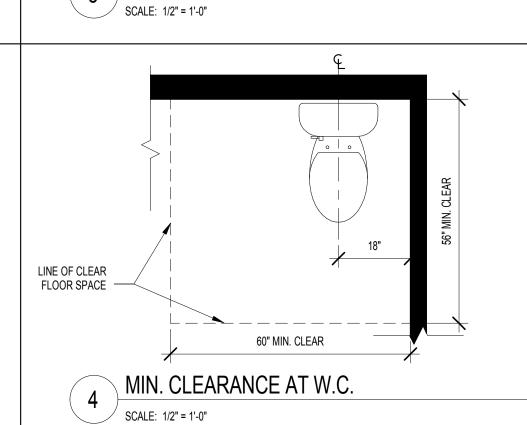
FLOOR SPACE

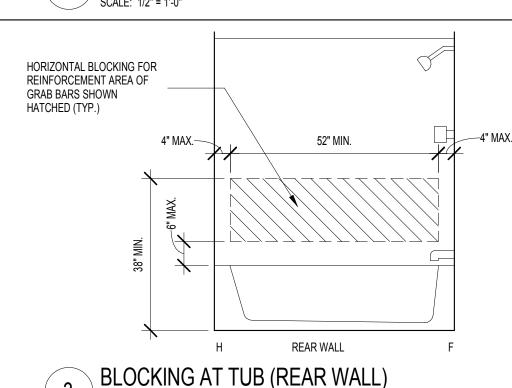
SCALE: 1/2" = 1'-0'

HORIZONTAL BLOCKING FOR

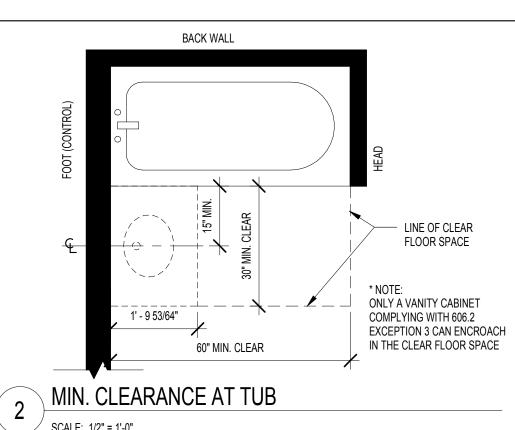


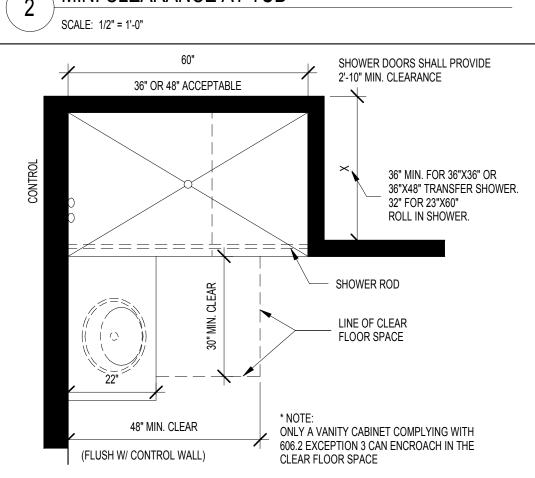






SCALE: 1/2" = 1'-0"





MIN. CLEARANCE AT SHOWER

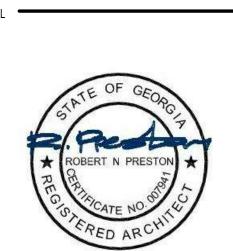
SCALE: 1/2" = 1'-0"



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05/22/2017 **CHECKED BY**

ADA GUIDELINES

SHEET TITLE

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PROVIDE A TOILET SEAT LID.