

**Existing Buildings
Accessibility Compliance per 2018 NC Existing Building Code**

From: Charles M. Busch Project Name: ALDI - Charlotte, NC #87
Date: 2/11/21 Location: 2625 Freedom Dr., Charlotte, NC 28208

Reference: NCEBC Sections 410.7 & 806.2 - Alterations affecting an area containing a primary function.

This project represents work in an existing building that includes alterations to the primary function area. The following exceptions from Section 410.7 or 806.2 are applicable.

EXCEPTIONS (CHECK ALL THAT APPLY)

- Exception #1 - Costs of providing an accessible route are not required to exceed 20% of the costs of the alterations affecting the area of primary function. (If this exception is used, please be sure to include items A, B and an Expenditure Log, such as in the example that follows below, on the submitted plans.)
- Exception #2 - Alterations limited solely to windows, hardware, operating controls, electrical outlets and signs
- Exception #3 - Alterations limited to mechanical systems, electrical systems, installation or alteration of fire protection systems and abatement of hazardous materials.
- Exception #4 - Alterations undertaken for the primary purpose of increasing the accessibility of an existing building, facility or element.
- Existing accessible route (parking, route to building entrance, building entrance, route through building to primary function area, toilets and drinking fountains serving the primary function area) are in full compliance with current accessibility requirements.

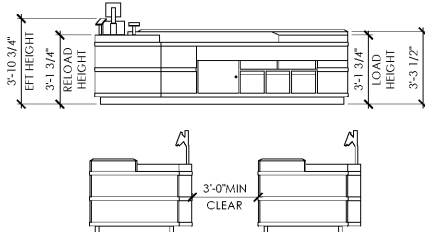
Per exception #1 of sections 410.7 & 806.2, costs of providing the accessible route are not required to exceed 20% of the costs of the alterations affecting the area of primary function.

A. ESTIMATED COST OF ALTERATIONS TO AREA OF PRIMARY FUNCTION:	\$1,050,000.00
B. B. MAXIMUM REQUIRED COST OF IMPROVEMENTS TO ACCESSIBLE ROUTE (20% OF LINE "A" ABOVE):	\$210,000.00

ACCESSIBLE ROUTE EXPENDITURE LOG		
DESCRIPTION OF IMPROVEMENTS TO ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA	DRAWING OR DETAIL REFERENCE	ESTIMATED COST (\$) PER IMPROVEMENT
New door hardware provided at all accessible doors.	ANSI A117.1	\$8,000.00
Accessible signs provided at all accessible doors.	ANSI A117.1	\$500.00
New accessible drinking fountains	ANSI A117.1	\$2,000.00
Revised partition wall for new drinking fountains	ANSI A117.1	\$4,500.00
TOTAL COST (\$) OF COMBINED IMPROVEMENTS TO ACCESSIBLE ROUTE		\$15,000.00

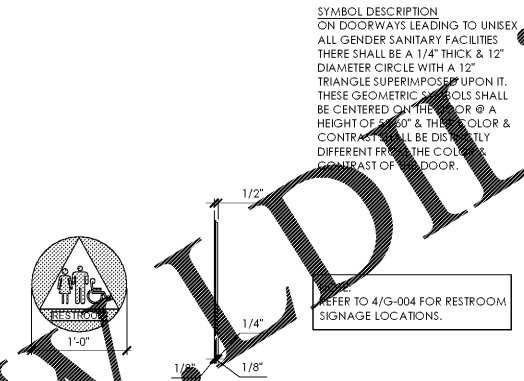
Charles M. Busch
Name
Signature
Date: 2/11/21

CHECK-OUT AISLES	
NUMBER OF CHECK-OUT AISLES OF EACH FUNCTION	MINIMUM NUMBER OF CHECK-OUT AISLES OF EACH FUNCTION REQUIRED TO COMPLY WITH ANSI A117.1 (#904)
1 - 4	1
5 - 8	2
9 - 15	3
16+	3, PLUS 20% OF ADDITIONAL AISLES

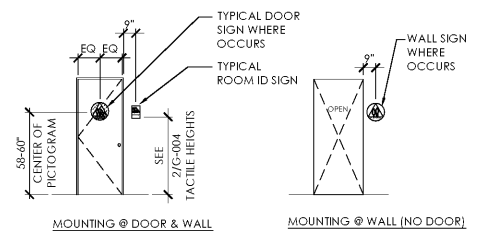


- NOTE:
- ALL PROVIDED CHECKLANES ARE ACCESSIBLE, AND THUS ARE NOT REQUIRED TO BE IDENTIFIED BY ANY ADDITIONAL SIGNAGE.
 - NO WRITING SURFACE IS REQUIRED AS STORES DO NOT ACCEPT PERSONAL CHECKS.

6 Checklane
ANSI A117.1 #904



4 Signage - Sanitary Facilities
ANSI A117.1 #703



- NOTES:
- DOOR SIGN: SHALL BE CENTERED ON DOOR & MOUNTED 58-60" ABOVE THE FLOOR (W/ADHESIVE ONLY - CAULK EDGES W/CLEAR SILICONE) @ THE CENTER OF THE SIGN.
 - ROOM SIGN: RAISED & BRAILLED CHARACTERS & PICTORIAL SYMBOL SIGNS (PICTOGRAMS), LETTERS & NUMERALS SHALL BE RAISED 1/32", UPPERCASE, SANS-SERIF OR SIMPLE SERIF TYPE, & SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE, RAISED CHARACTERS SHALL BE 5/8" HIGH MIN. 2" HIGH MAX.
 - FINISH CONTRAST: THE CHARACTERS & BACKGROUND OF SIGNS SHALL BE GLOSS, MATTE, OR OTHER NON-GLARE FINISH.
 - CHARACTERS & SIGNS: SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LEFT SIDE OF THE DOOR.

2 Signage - Sanitary Facilities
ANSI A117.1 #703

- SYMBOL DESCRIPTION ON DOORWAYS LEADING TO UNisex ALL GENDER SANITARY FACILITIES THERE SHALL BE A 1/4" THICK & 12" DIAMETER CIRCLE WITH A 12" TRIANGLE SUPERIMPOSED UPON IT. THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR @ A HEIGHT OF 5'-0" & THE COLOR & CONTRAST SHALL BE DIFFERENTIALLY DIFFERENT FROM THE COLOR & CONTRAST OF THE DOOR.
- NOTES:
- MOUNT SIGN WITH THE BASELINE OF THE LOWEST TACTILE CHARACTERS ARE LOCATED 15" (A) A.F.F. AND THE BASELINE OF THE HIGHEST TACTILE CHARACTERS ARE LOCATED 60" MAX. A.F.F.
 - SIGN SHALL MEET ALL REQUIREMENTS OF 2017 ICC A117.1 ACCESSIBILITY CODE.
 - CHARACTER SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
 - CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE "I".
 - STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% OF THE MAXIMUM HEIGHT OF THE CHARACTER.
 - CHARACTERS AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
 - PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD, WITH EITHER LIGHT PICTOGRAM ON A DARK FIELD OR DARK PICTOGRAM ON A LIGHT FIELD.
 - SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
 - RAISED CHARACTERS AND SHALL COMPLY WITH THE FOLLOWING TO THE FOLLOWING:
 - RAISED CHARACTERS SHALL BE 1/32" MINIMUM ABOVE THEIR BACKGROUND, AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.
 - CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF AN UPPERCASE "I".
 - PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.
 - PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED BELOW THE PICTOGRAM FIELD.
 - BRAILLE SHALL BE CONTRACTED (GRADE 2). BRAILLE DOTS SHALL BE CIRCULAR OR ROUNDED SHAPE AND COMPLY WITH THE FOLLOWING:
 - DOT BASE DIAMETER SHALL BE 0.059" TO 0.063".
 - DISTANCE BETWEEN TWO DOTS IN THE SAME CELL SHALL BE 0.100"
 - DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS SHALL BE 0.300".
 - DOT HEIGHT SHALL BE 0.025" TO 0.037".
 - DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW SHALL BE 0.395" TO 0.400".

Issued:	Date:
A Client Review Set	01/21/21
B Permit Set	02/03/21
C Bid Set	02/12/21
D	
Revisions:	Date:
1	
2	
3	
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6	
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9	

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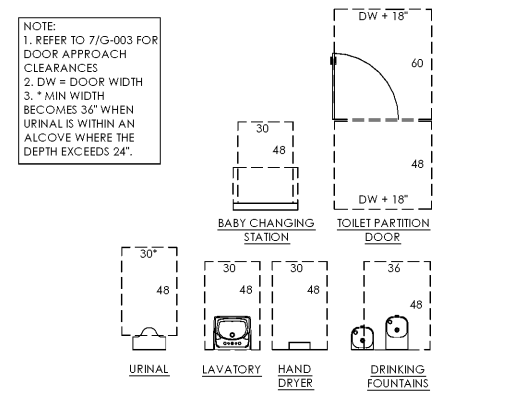
DRAWN BY: SCG/MEM
REVIEWED BY: NAL/CMB

Seal
PROFESSIONAL OF RECORD:
CHARLES M. BUSCH No. 14751
EXP. DATE: 06/30/2021

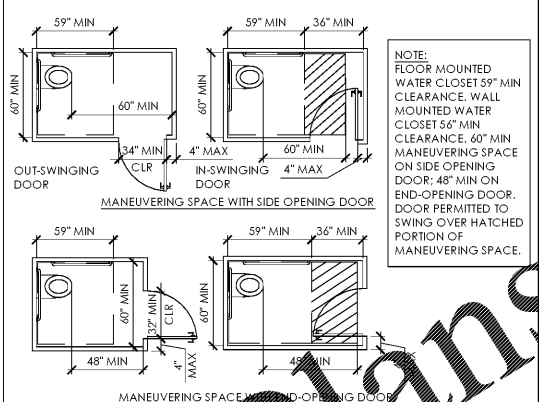
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Salisbury, NC 28146
(704) 642-0023
(704) 642-0078 fax

ALDI Inc.
Store No. 87
2526 Freedom Dr
Charlotte, NC 28208
Mecklenburg County
Project Name & Location:

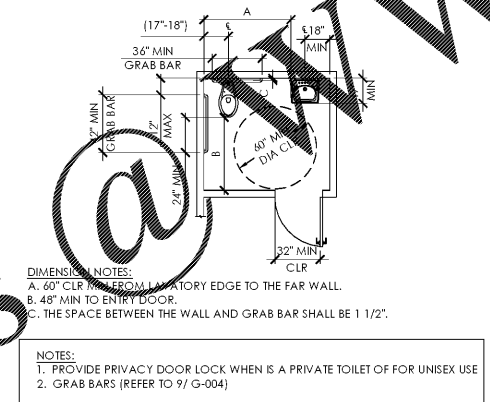
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06/03/20	40452-30
Type 100x154 FMR	
	G-006
Scale: As Noted	Drawing No.



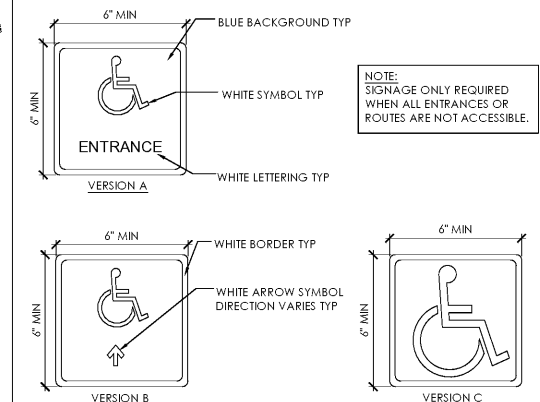
8 Fixture Clear Floor Area
ANSI A117.1 #305



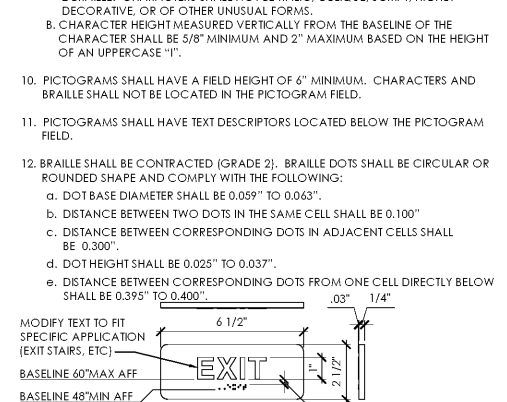
7 Maneuvering Space
ANSI A117.1 #604.9



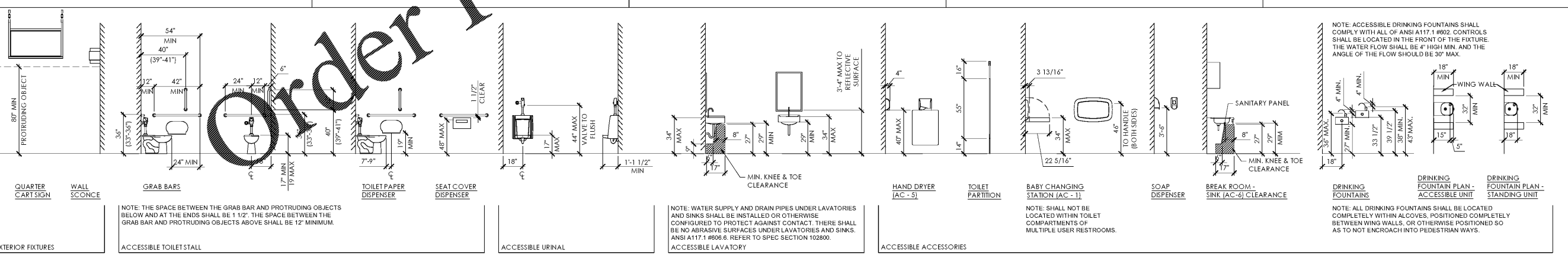
5 Single Occupancy Toilet
ANSI A117.1 #604



3 Signage - Entrance/Exit
ANSI A117.1 #703



1 Signage - Exit
ANSI A117.1 #703



9 Mounting Heights / Fixture Clearances
ANSI A117.1 #307, 602; 603; 604; 606; 609

File Name: N:\D062\4045230 - CHARLOTTE, NC\DOCS\CAD\G005-G006 - ACCESSIBILITY\DETAILS.DWG Author: TOWLE, BRENDON Plot Date: 2/12/2021