

HARDWARE SCHEDULE																	
HARDWARE SET	CARD KEY LOCK	SECURITY LATCH	ALARM W/ KEY CARD	KEYED LOCK	PRIVACY SET	PASSAGE SET	VIEWER	PANIC BAR	DOOR CLOSER	HINGES	MAGNETIC LOCK	DOOR SWEEP	SMOKE SEALS	DOOR STOP	REMARKS	HARDWARE SET	NOTES
1	*	*	*					HANDLE *	*						3 PAIR OF DOOR HINGES - SEE NOTE 1 W/ WEATHER SEAL - SEE NOTE 2	-	1. 1-1/2 PAIR SPRING HINGES.
2				*	*									*	3 PAIR OF DOOR HINGES	2	
3						*								*	3 PAIR OF DOOR HINGES	3	
4						*			*					*	3 PAIR OF DOOR HINGES - SEE NOTE 2	4	2. ALL DOORS W/ CLOSERS TO HAVE BALL BEARING HINGES.
5	*	*	*											*(2)	6 PAIR OF DOOR HINGES - SEE NOTE 2; ELECTRIC STRIKE; DUTCH DOOR	5	
6				*	*									*(2)	6 PAIR OF DOOR HINGES	6	3. WEATHER PROOF CARD KEY LOCK TO BE MOUNTED ON DOOR STYLE.
7				*	*										POCKET DOOR HARDWARE	7	
8															W/ WEATHER SEAL - SEE NOTE 2	8	4. PROVIDE 2 REVERSE VIEWERS - 1 @ 60" A.F.F. AND 1 @ 42" A.F.F.
9															3 PAIR OF DOOR HINGES - SEE NOTE 2	9	
10															3 PAIR OF DOOR HINGES - SEE NOTE 2	10	5. COORDINATE WITH DOOR MANUFACTURER SO CARD OVERRIDE WHEN VESTIBULE SIDE MOTION SENSOR IS OFF. LOBBY SIDE MOTION SENSOR TO REMAIN ACTIVE AT ALL TIMES.
11															MOTION SENSOR - PER MANUFACTURER	11	
12															MOTION SENSOR - PER MANUFACTURER	12	
13															PUNCH PAD ACCESS - SEE NOTE 2	13	
14															3 PAIR OF DOOR HINGES - SEE NOTE 2	14	
15															3 PAIR OF DOOR HINGES	15	
16															3 PAIR OF DOOR HINGES	16	
17															3 PAIR OF DOOR HINGES	17	

NOTES: 1. ALL DOOR HARDWARE SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE.  
2. VERIFY REQUIREMENTS WITH LOCAL CODES-PROVIDE 20 MINUTE DOORS @ GUEST ROOMS, IF LOCAL JURISDICTION REQUIRES IT..  
3. EXTERIOR H. METAL FRAMES SHALL BE 14 GAUGE, UNLESS NOTED OTHERWISE.  
4. WHERE SMOKE DOOR IS REQUIRED BY LOCAL AUTHORITIES, A MAGNETIC HOLD OPEN DEVICE SHALL BE USED WHICH IS COORDINATED WITH THE FIRE ALARM SYSTEM.

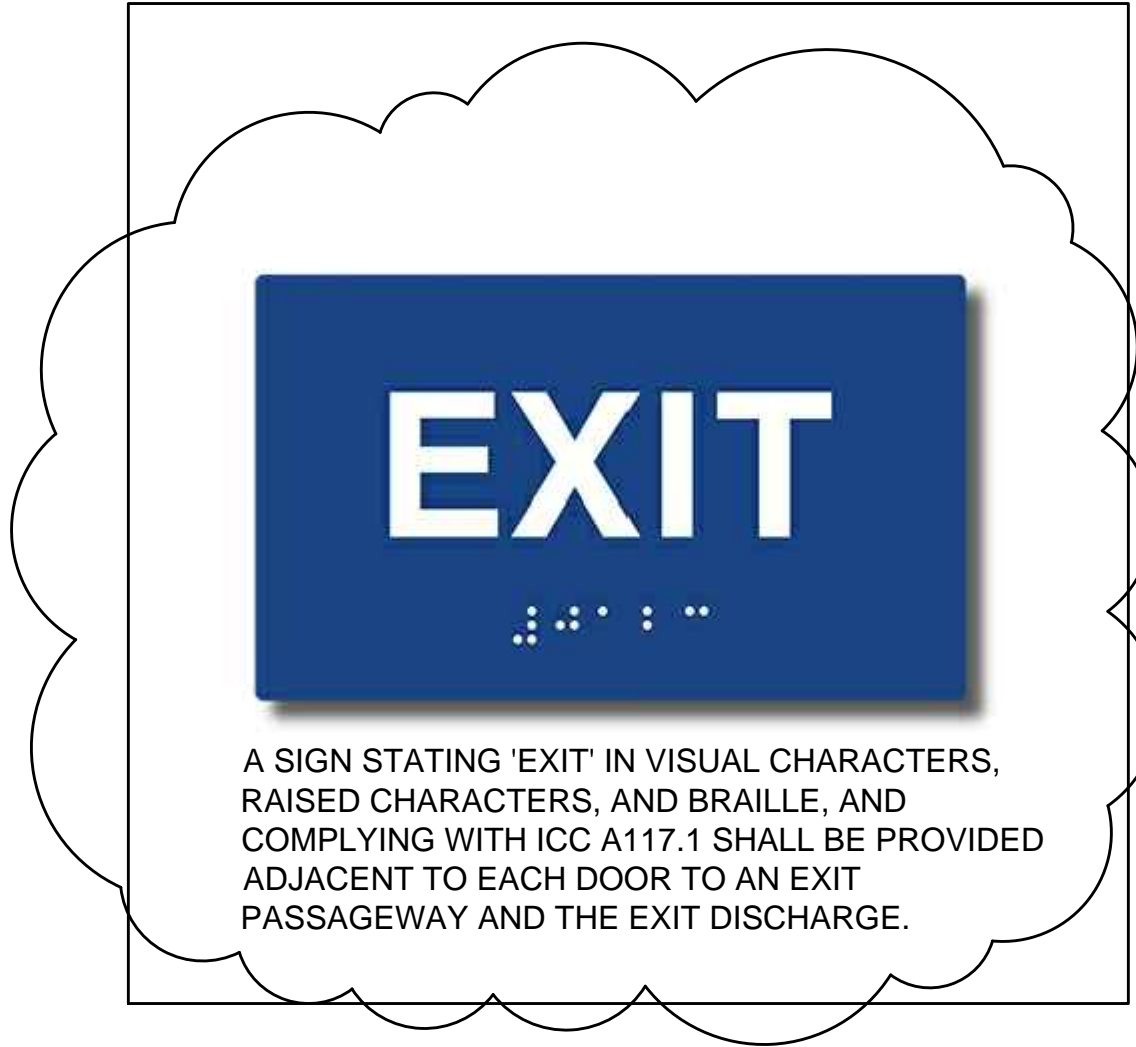
5. NOT USED  
6. ALL EXTERIOR DOORS TO HAVE THRESHOLDS, DOOR SWEEPS, & WEATHER SEALS.  
7. CONTRACTOR TO VERIFY ALL DOOR FRAME THROAT DIMENSIONS.  
8. CONTRACTOR TO VERIFY KEY SCHEDULE WITH OWNER PRIOR TO PURCHASING LOCKS.

\*\*NOTE: THE LOCK FOR HARDWARE SETS 2, 6 & 7 WILL NOT PREVENT THE OPERATION OF THE DOOR FROM THE EGRESS SIDE, WHEN ENGAGED.

HARDWARE MANUFACTURERS			Comply with Owner's instructions for master keying and, except as otherwise indicated, provide individual change key for each lock which is not designated to be keyed alike with a group.  Permanently inscribe each key with number or lock that identifies cylinder manufacturer key symbol, and notation "DO NOT DUPLICATE".  Key Material: Provide keys of nickel silver only. Key Quantity: Furnish three change keys for each lock; five master keys for each master system; and five grandmaster keys for each grandmaster system. Deliver keys to Owner's representative.  For Electronic Locks: Provide card keys as required to comply with master keying. Provide one system controller. Provide one spare lock with keys.  Keying General: Supplier will supply three reusable card keys per lock (or three keys for standard locks) and three sets of master keys. Keying shall be as follows: Each room shall be keyed separately. A master key for all guest rooms. A master key for all rooms. A master key to open guest room deadbolts. Room keys shall open exterior doors.  Keying Schedule – Submit keying schedule to Owner for approval prior to fabrication. Keying to have 3 levels of security.
Hardware Item	Base Manufacturer	Acceptable Equivalents	
Spring Hinges	Hager	Stanley	
Hinges	Hager	Stanley, McKinney	
Lockset (Standard Type)	Schlage	Sargent, Yale	
Lockset (Electronic System)	KABA/ILCO System E-760	Onity, Vingcard	
Closer	LCN	Sargent, Dorma	
Stops, Flush Bolts	Ives	Rockwood, Quality, Taymor	
Weatherstrip, Door Sweeps, Thresholds	NGP, Stanley	Pemko, Zero, Door and Hardware Systems	
Exit Devices	Sargent	Adams-Rite, Von Duprin	
Peep Sight	Ives	Quality	
Door Guard	Ives	Quality, Door & Hardware Systems, Inc.	
Surface Bolts	Ives	Quality	
Frame Smoke Seals	DSHI #105 "Cush N Seal" by: Door & Hardware System (716) 235-8543	None	
Door Silencers	Glynn-Johnson	Door & Hardware Systems, Inc.	
Electric Strike	Folger Adams	None	

CYLINDERS AND KEYING  
Keying System: Master keying must be in accordance with the National Hardware Council's recommendations for hotels.  
For Manual Locks:  
Equip locks with manufacturer's standard 6-pin tumbler cylinders.  
Equip locks with manufacturer's interchangeable core cylinders operable by a control key.

NOTE: SIGNAGE TO BE LOCATED AT ALL PUBLIC RESTROOMS, LABORATORY, MED ROOM, JANITOR'S CLOSETS, STORAGE ROOMS, OFFICES, DATA ROOM, BREAK ROOMS, ETC. AS REQUIRED BY OWNER AND LOCAL JURISDICTION.



A SIGN STATING 'EXIT' IN VISUAL CHARACTERS, RAISED CHARACTERS, AND BRAILLE, AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.

**703.3.3 Case.** Characters shall be uppercase.  
**703.3.4 Style.** Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.  
**703.3.5 Character Height.** The uppercase letter "I" shall be used to determine the allowable height of all characters of a font. The height of the uppercase letter "I" of the font, measured vertically from the baseline of the character, shall be 1/8 inch (16 mm) minimum, and 2 inches (51 mm) maximum.  
**EXCEPTION:** Where separate raised and visual characters with the same information are provided, the height of the raised uppercase letter "I" shall be permitted to be 1/8 inch (13 mm) minimum.

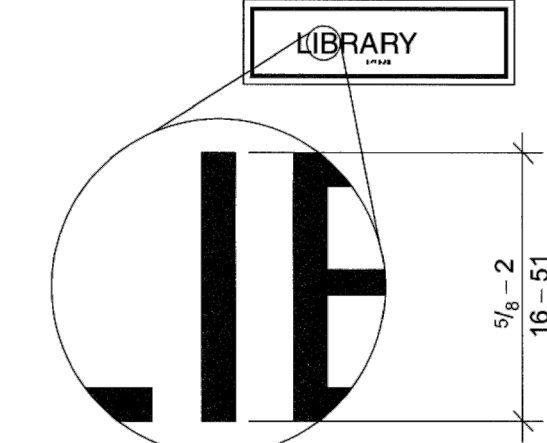


FIG. 703.3.5 CHARACTER HEIGHT

**703.3.6 Character Width.** The uppercase letter "O" shall be used to determine the allowable width of all characters of a font. The width of the uppercase letter "O" of the font shall be 55 percent minimum and 110 percent maximum of the height of the uppercase "I" of the font.  
**703.3.7 Stroke Width.** Raised character stroke width shall comply with Section 703.3.7. The uppercase letter "I" of the font shall be used to determine the allowable stroke width of all characters of a font.  
**703.3.7.1 Maximum.** The stroke width shall be 15 percent maximum of the height of the uppercase letter "I" measured at the top surface of the character, and 30 percent maximum of the height of the uppercase letter "I" measured at the base of the character.  
**703.3.7.2 Minimum.** When characters are both visual and raised, the stroke width shall be 10 percent minimum of the height of the uppercase letter "I".

### PART 3 - EXECUTION

#### INSPECTION

Verify that doors and frames are ready to receive work and dimensions, are as indicated on Shop Drawings, and as instructed by the manufacturer.  
Beginning of installation means acceptance of existing conditions.

#### INSTALLATION

Install each hardware item in compliance with manufacturer's instructions and recommendations. Wherever cutting and fitting is required to install hardware onto or into surfaces which are later to be painted or finished in another way, install each item completely and then remove and store in a secure place during the finish application. After completion of the finished, reinstall each item. Do not install surface-mounted items until finishes have been completed on the substrate.  
Conform to ANSI A117.1 and ADAAG for positioning requirements for the Disabled.  
All door closers shall be installed out of public sight wherever possible.  
All doors off corridors and all communicating doors to have frame-mounted smoke seals.

#### FASTENINGS

Furnish proper screws, hex bolts, through bolts, etc., as required to make secure attachment of each item to the material it is installed on.

#### PROTECTION AND CLEANING

After installation, clean metal surfaces on both interior and exterior of all mortar, plaster, paint and other contaminants. After cleaning, protect work against damage.

nearest adjacent wall. Signs containing raised characters and braille shall be located so that a clear floor area 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the raised characters is provided beyond the arc of any door swing between the closed position and 45 degree open position.  
**EXCEPTION:** Signs containing raised characters and braille shall be permitted on the push side of doors with closers and without hold-open devices.  
**703.3.12 Finish and Contrast.** Characters and their background 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.  
**EXCEPTION:** Where separate raised characters and visual characters with the same information are provided, raised characters are not required to have nonglare finish or to contrast with their background.

#### 703.4 Braille

**703.4.1 General.** Braille shall be contracted (Grade 2) braille and shall comply with Section 703.4.

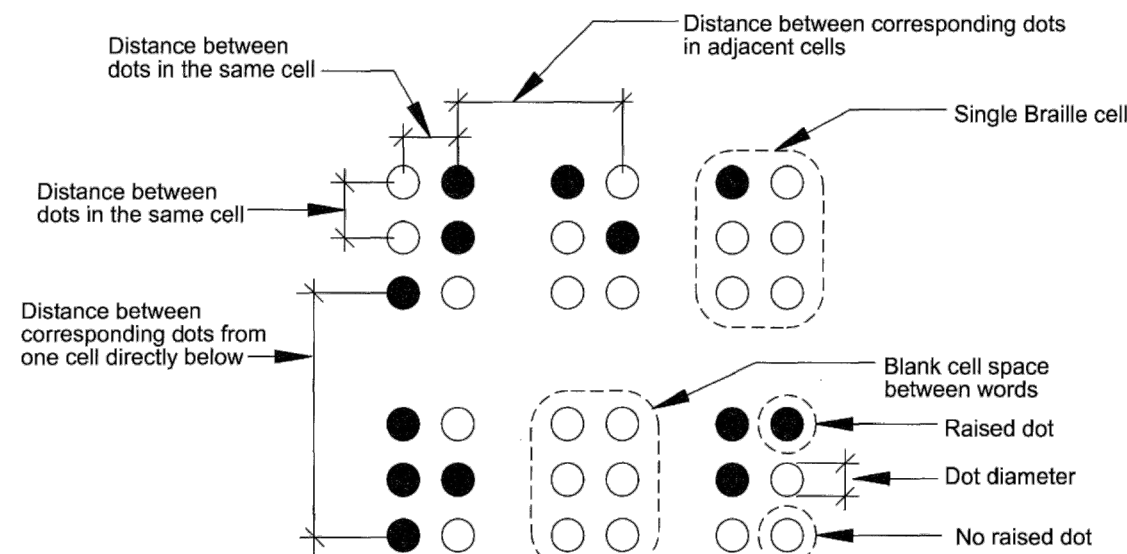


FIG. 703.4.3 BRAILLE MEASUREMENT

TABLE 703.4.3— BRAILLE DIMENSIONS	
Measurement range	Minimum in inches Maximum in inches
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell	0.090 (2.3 mm) to 0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells <sup>1</sup>	0.241 (6.1 mm) to 0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below <sup>1</sup>	0.395 (10.0 mm) to 0.400 (10.2 mm)

#### FINAL ADJUSTMENT

Whenever hardware is installed more than one month prior to acceptance or occupancy of a space or area, return during the week prior to acceptance or occupancy and make a final check and adjustment of all hardware items in such space or area.  
At the completion of the project, manufacturers' suppliers or representatives shall inspect their hardware and make any corrections required due to errors or improper installation.

### PART 4 - HARDWARE SCHEDULE

See door and hardware schedule on drawings

ICC A117.1-2009

Chapter 7. Communication Elements and Features

#### 703.5 Pictograms.

**703.5.1 General.** Pictograms shall comply with Section 703.5.  
**703.5.2 Pictogram Field.** Pictograms shall have a field 6 inches (150 mm) minimum in height. Characters or braille shall not be located in the pictogram field.  
**703.5.3 Finish and Contrast.** Pictograms and their fields shall have a nonglare finish. Pictograms shall contrast with their fields, with either a light pictogram on a dark field or a dark pictogram on a light field.

#### 703.6 Symbols of Accessibility.

**703.6.1 General.** Symbols of accessibility shall comply with Section 703.6.  
**703.6.2 Finish and Contrast.** Symbols of accessibility and their backgrounds shall have a non-glare finish. Symbols of accessibility shall contrast with their backgrounds, with either a light symbol on a dark background or a dark symbol on a light background.  
**703.6.3 Symbols.**

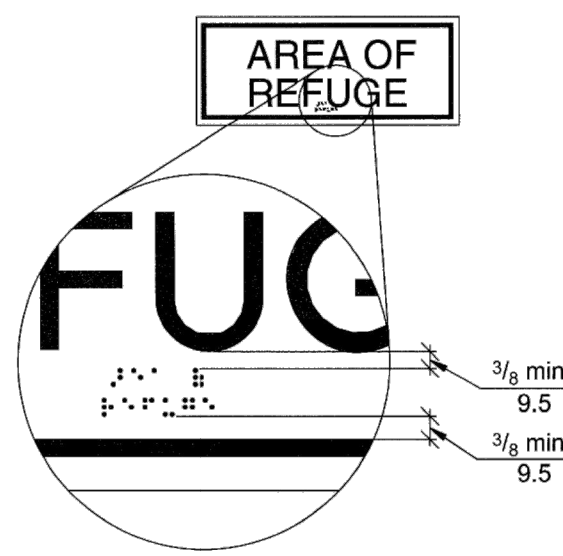


FIG. 703.4.4 POSITION OF BRAILLE

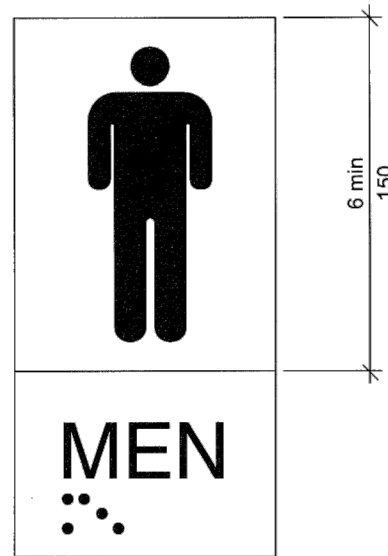
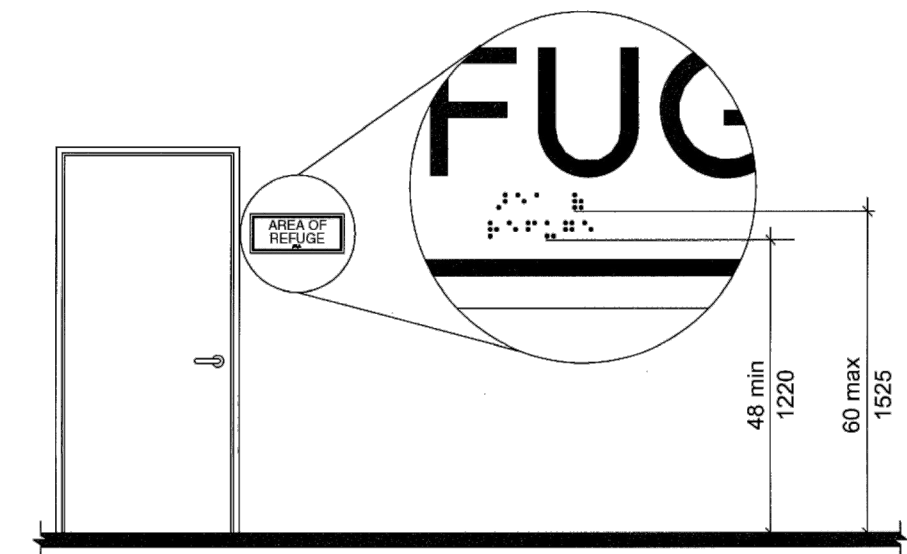


FIG. 703.5 PICTOGRAM FIELD



Note: For raised character mounting height see Section 703.3.10

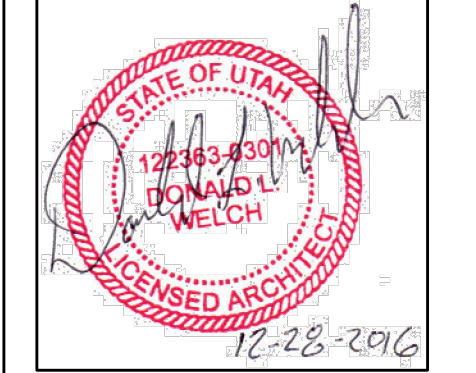
FIG. 703.4.5 HEIGHT OF BRAILLE CHARACTERS ABOVE FLOOR

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consultant:



project:  
Tenant Finish  
for  
Brighton Recovery  
Campus  
4905, 4911, 4915, 4925,  
4931, 4953 South 900 East  
Salt Lake County, Utah

date

DECEMBER 28, 2016

revisions

JANUARY 3, 2017  
SECOND SUBMITTAL FOR  
EACH SEPARATE BUILDING PARCEL  
JANUARY 6, 2017  
ADDENDUM #2-BUILDING "C"  
JANUARY 17, 2017  
ADDENDUM #4-BUILDING "B"  
FEBRUARY 24, 2017  
ADDENDUM #7-BUILDING "A"  
BUILDING "F", "B", "C", "D", "E"  
MARCH 20, 2017  
ADDENDUM #8-BUILDING "A"  
BUILDING "F"

(ADDED EXIT SIGN INFO.  
04-12-2017)

data  
project no:  
drawn by:  
checked by:  
title

Door Hardware  
& Specs.

sheet

A7 1C