CITY OF CEDAR RAPIDS CITY HALL ADA COMPLIANCE

101 1ST STREET SE,

CEDAR RAPIDS, IA 52404



NOT TO SCALE

PROJECT SCOPE

THE FOLLOWING LIST SUMMARIZES THE WORK TO BE PERFORMED AT THE CEDAR RAPIDS CITY HALL FOR PURPOSES OF COMPLYING WITH THE INDEPENDENT LICENSED ARCHITECT'S SURVEY OF CORRECTIVE MEASURES TO BE TAKEN AT THAT SITE. THE ITEMS ARE LISTED BY SPACE OR AREA AND ARE SHOWN ON THE PLANS. THE WORK IDENTIFIED UNDER THE MODIFICATIONS AND COMPLETE THE WORK FOR COMPLIANCE. TH TO MAKE THE CHANGES LISTED, IF THERE ARE ANY QUESTIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND OWNER REGARDING ANY CONFLICTS OR REASONS THE WORK CAN'T BE CARRIED

PLAN KEY DESCRIPTION:

- NOT USED
- NOT USED
- NOT USED
- NOT USED NOT USED
- NOT USED NOT USED
- NOT USED
- A. REPLACE EXISTING DOUBLE DOOR AND FRAME WITH SINGLE DOOR, SEE DETAIL 10/G3.01.
- A. INSTALL POWER DOOR OPENER WHICH OPENS BOTH SETS OF DOORS SIMULTANEOUSLY AND KEEPING THEM OPEN FOR AN ADEQUATE AMOUNT OF TIME. (404.2.6)
- A. VERIFY 5 LBF TO OPEN ALL DOORS. SHOULD DOOR EXCEED 5 LBF, ADJUST DOOR CLOSER SO LBF TO OPEN DOOR IS LESS THAN 5.*
- A. VERIFY CLOSING SPEED ON ALL DOORS. SHOULD DOOR CLOSING SPEED EXCEED 5 SEC FROM 90 DEGREES TO 12 DEGREES, ADJUST
- DOOR CLOSING SPEED.* (404.2.8.1) A. REPLACE VISIBLE SIGNALS WITH ONES THAT ARE 2.5" MIN IN ITS
- SMALLEST DIMENSION. B. PROGRAM ELEVATOR CAR SIGNALS TO CHIME ONCE FOR UP AND TWICE FOR DOWN. C. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.
- A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR. B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX. C. REPLACE HARDWARE ON COMMUNICATION BOX WITH ONE THAT

DOES NOT REQUIRE TIGHT PINCH OR GRASP.

- A. LOWER SOAP DISPENSER AND/OR PAPER TOWEL DISPENSER SO OPERABLE PARTS ARE MAXIMUM 44" AFF. SEE DETAIL 8/G2.01. A. PROVIDE NEW ADA COMPLIANT HANDRAIL. SEE PHOTO DETAIL
- 7/G2.01 & DETAIL 1/G3.01. (505) A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. (404.2.3)
- A. LOWER PROTRUDING OBJECT SO BOTTOM IS 27" MAX AFF. SEE PHOTO DETAIL 10/G2.01. (307.2)
- A. REPLACE EXISTING DOOR HARDWARE WITH ADA COMPLIANT HARDWARE. SEE PHOTO DETAIL 18/G2.01 FOR REFERENCE. (404.2.7)
- A. RELOCATE DOOR AND FRAME SO LATCH SIDE EDGE OF DOOR IS 12" MIN FROM OBSTACLE ON PUSH SIDE & 18" MIN FROM OBSTACLE ON PULL SIDE.
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602 B. REMOVE EXISTING HALF WALL AND REPLACE WITH TWO OTHER HALF WALLS. (307.2)
- A. REPLACE DRINKING FOUNTAINS WITH COMBINATION WATER FOUNTAIN AND BOTTLE FILLER. SEE PHOTO DETAIL 12/G2.01. (602)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE SAME SIDE OF DOOR. SEE PHOTO DETAIL 14/G2.01 FOR
- A. ADD TRANSITION STRIP TO CORRECT CHANGE IN HEIGHT. SEE DETAIL 11/G3.01. (303)
- A. REMOUNT MIRROR SO REFLECTIVE SURFACE IS MAX 40" AFF. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE. (603.3)
- A. SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION FOR SINK. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE.
- A. LOWER SHARPS BOX AND SHELF SO HIGHEST OPERABLE PART IS AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1)
- A. MODIFY AND/OR ADJUST ACCESSIBLE STALL DOOR TO BE SELF-CLOSING. (604.8.1.2)
- A. REPLACE TOILET SEAT IN HANDICAP STALL WITH ONE THAT WILL PUT THE HEIGHT OF THE HANDICAP TOILET AT 17"-19" AFF. (604.4)
- A. REMOUNT TOILET PAPER DISPENSER SO DISPENSER IS 7"-9" FROM THE FRONT OF THE TOILET AND 1.5" MIN BELOW THE GRAB BAR AND MIN 15" AFF. (604.7)

- A. REPLACE ACCESSIBLE STALL HARDWARE WITH HARDWARE THAT S OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW SHELF AND SHARPS BOX, SEE DETAIL 9/G3.01, (307.2)
- A. LOWER URINAL SO THAT THE RIM HEIGHT IS MAX 17" AFF. REFER TO ADA DETAIL ON SHEET G0.01. (605.2)
- A. PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM FACE OF WALL. WHEN TOILET IS MOVED, REMOUNT REAR GRAB BAR SO GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL) AND 24" TO THE OTHER SIDE OF THE CENTERLINE AND 33"-36" AFF (AWAY FROM
- A. REMOVE AND REPLACE COPPER PIPING TO ALLOW REAR WALL GRAB TO BE MOUNTED PROPERLY. SEE PHOTO DETAIL 15/G2.01 FOR
- B. REMOUNT REAR GRAB BAR BEHIND TOILET SO THAT THE GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL), 24" TO THE OTHER SIDE OF THE CENTER (AWAY FROM SIDE WALL), AND 33"-36" AFF, (604.5.2)
- A. REPLACE TOILET TANK WITH ONE THAT HAS THE FLUSH CONTROL ON THE OPEN SIDE OF THE TOILET. (604.6
- A. PROVIDE NEW PILASTERS AND REHANG ACCESSIBLE STALL DOOR OUTWARD AND TO BE MAX 4" FROM ADJACENT STALL WALL FARTHEST FROM TOILET. CONTRACTOR OPTION: REPLACE DOOR AND BOTH PILASTERS AND NEW HARDWARE.** (604.8.1.2)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW PROTRUDING OBJECT. REFER TO DETAIL 9/G3.01. SEE PHOTO DETAIL 9/G2.01 FOR REFERENCE. (307.2)
- LOWER HOOK IN ACCESSIBLE STALL SO TOP OF HOOK IS MAX 48"
- A. REMOUNT REAR GRAB BAR SO IT IS LOCATED SUCH THAT IT EXTENDS FROM THE CENTERLINE OF THE TOILET 12" MIN TO ONE SIDE AND 24" TO THE OTHER. (604.5.2, 609.4)
- A. MODIFY AND/OR ADJUST AMBULATORY STALL DOOR SUCH THAT IT IS SELF CLOSING. (604.8.1.2)
- A. RELOCATE BABY CHANGING TABLE TO ADJACENT WALL. SEE PHOTO DETAIL 5/G2.02 FOR REFERENCE. (604.3 B. REMOUNT SIDE WALL GRAB BAR TO PROPER ADA DIMENSIONS. SEE ADA DETAIL ON SHEET G0.01. (604.5.1)
- A. RELOCATE HAND DRYER TO BE OUT OF CLEAR FLOOR SPACE AROUND TOILET. (604.3.1)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. PROVIDE SIDELIGHT IN DOOR WITH BOTTOM OF SIDELIGHT AT 43" AFF. (404.2.3, 404.2.11)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO B. RELOCATE CUBICLE AND FURNITURE TO CREATE 36" ACCESS AISLE TO DESK AREA. REFER TO DETAIL 7/G3.01. (403.5.1)
- A. REMOVE CENTRAL CABINETS AND SOLID SURFACE COUNTER. REPLACE WITH NEW BASE CABINETS & SOLID SURFACE COUNTER. B. RELOCATE PRINTER AND FRIDGE PER DETAIL 7/G3.01. (403.5.1)
- 49 A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602.4, 602.7)
- A. REMOVE AND REPLACE DOOR WITH NEW DOOR THAT HAS A SIDE LIGHT 43" MAX AFF. (404.2.11)

A. CUT BACK SOLID SURFACE COUNTER SO EDGE OF COUNTER IS

- A. RELOCATE RECEPTION DESK TO ALLOW 36" ACCESS AISLE AROUND DESK. (403.5.1)
- 12" MIN FROM EDGE OF DOOR. A. MOVE BASE CABINETS AWAY FROM DOOR SO EDGE OF CABINET IS 12" MIN FROM EDGE OF DOOR. (404.2.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW HAND DRYER & TAMPON DISPENSER. SEE DETAIL 9/G3.01 FOR REFERENCE. (307.2)
- A. DESIGNATE LOCKER AS ACCESSIBLE WITH PROPER SIGNAGE. VERIFY PROPER MOUNTING HEIGHTS OF OPERATING MECHANISMS.
- A. PROVIDE GRAB BARS IN ACCESSIBLE SHOWER ON ALL SIDES. SEE B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- A. LOWER SINK SO TOP OF SINK RIM IS 34' AFF. (606.3)
- A. REPLACE AMBULATORY STALL DOOR HARDWARE W/ HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. RELOCATE PIPING SUCH THAT CLEARANCE UNDER PIPING IS 80"
- A. LOWER OBJECT SO OPERABLE PARTS ARE MAX 48" AFF. (308.2.1)

A. LOWER COUNTER AND SINK SO THAT TOP OF SINK RIM IS MAX 34"

- AFF. MAINTAIN PROPER TOE AND KNEE CLEARANCE. (606.3) A. REMOVE & REPLACE EXISTING DOOR AND FRAME WITH 36" DOOR.
- USE SAME MATERIALS AND CONSTRUCTION AS EXISTING. (404.2.3) A. RELOCATE PIPING SO IT PROVIDES PROPER PULL SIDE

CLEARANCE OF 18". (404.2.4)

DETAIL 12/G3.01. (404.2.4)

- A. CORRECT CHANGE IN LEVEL WITH METAL TRANSITION STRIP. SEE DETAIL 1/G2.02. (303)
- A. LOWER THERMOSTAT SO HIGHEST OPERABLE PART IS MAX 48" AFF. (308.2.1)
- A. RELOCATE THERMOSTAT AND MOUNT SUCH THAT THE HIGHEST OPERABLE PART IS MAX 48" AFF. (308.2.1, 305.3, 305.6)
- A. LOWER HOOK ON COAT RACK SO TOP OF HOOK IS MAX 48" AFF.
- A. REPLACE TABLE WITH TABLE OF THE SAME CONSTRUCTION AND WITH PROPER KNEE AND TOE CLEARANCE. (306.2, 306.3)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (904.4)
- A. INSTALL DETECTABLE WARNING STRIP ON TOP TREAD OF A. CUT BACK EXISTING WALL TO ALLOW FOR 36" WIDE OPENING FOR
- A. REMOVE EXISTING WALLS AND CAREFULLY REMOVE AND SALVAGE EXISTING VAULT DOOR. B. REINSTALL NEW WALLS AND REINSTALL SALVAGED DOOR. SEE
- A. RELOCATE CUBICLE AND FURNITURE TO ALLOW FOR 36" MIN WIDE ACCESS AISLE AND/OR 36" MIN ACCESS WIDTH TO CUBICLE.
- A. RELOCATE CUBICLE FURNITURE AND PRINTER. (403.5.1) B. REPLACE SOLID SURFACE TRANSITION COUNTER. SEE DETAIL C. REPLACE BASE CABINETS AND SOLID SURFACE COUNTER. SEE → DETAIL 8/G3.01. (403.5.1)

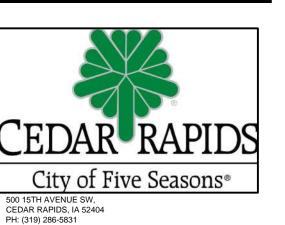
- A. CUT MAILBOX ELEMENT BACK BY ONE COLUMN. (404.2.4) B. CUT BACK SOLID SURFACE COUNTER TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)
- A. CUT SOLID SURFACE COUNTER BACK TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)
- A. REMOVE AND REPLACE PARTITION WALL. B. MOVE CUBICLE SO PARTITION WALL IS BETWEEN CUBICLE AND WALL TO ALLOW FOR PROPER DOOR CLEARANCE OF 18". (404.2.4)
- A. MOVE CUBICLE/FURNITURE TO ALLOW FOR PROPER MANEUVERING CLEARANCE. (404.2.4)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN HISTORIC FEATURE. AS A PRECAUTION, REFER TO OWNER'S REPRESENTATIVE AND ARCHITECT BEFORE STARTING THIS TASK.

*APPLIES TO ALL CORRIDOR DOORS. **MARBLE PARTITIONS SHALL BE CUT AND MADE FROM OWNER'S SALVAGED AND AVAILABLE MATERIALS

GENERAL NOTES

- ALL CONSTRUCTION AREAS ARE TO BE KEPT IN A NEAT AND ORDERLY APPEARANCE THROUGHOUT THE CONSTRUCTION
- CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE DWNER TO ESTABLISH CONSTRUCTION SEQUENCING.
- 3. ALL CONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF ALL OTHER TRADES TO INSURE PROPER SEQUENCING AND
- 4. IF HAZARDOUS MATERIAL IS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, OWNER OR THE OWNERS REPRESENTATIVE IMMEDIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF CONSTRUCTION DEBRIS. THE CONTRACTOR SHALL COORDINATE FINAL SALVAGE REQUIREMENTS WITH THE OWNER
- TEMPORARY BARRICADES SHALL BE INSTALLED IN ACCORDANCE WITH OSHA STANDARDS TO PREVENT POSSIBLE INJURY.
- PROVIDE APPROVED FIRE-STOP CONSTRUCTION MATERIALS AT ANY PENETRATION THROUGH RATED WALLS AND ROOF CONSTRUCTION. (THIS INCLUDES EXISTING WALLS/ROOF AREAS ADJOINING NEW AREAS OF ADDITIONS AND AREAS NOTED ELSEWHERE ON THE DRAWINGS).
- PROVIDED APPROVED BLOCKING OR STRAPPING IN WALL, CEILING, AND OTHER FRAMING AS REQUIRED TO SUPPORT FIXTURES INCLUDING, BUT NOT LIMITED TO, MIRRORS, GRAB BARS, SHELVING SINKS, AND CASEWORK. (THIS INCLUDES ITEMS NOTED AS NIC AND OFCI, COORDINATE WITH OWNERS REPRESENTATIVE).
- ALL INTERIOR WALLS SHALL FRAME UP TO AND SEAL OFF TO THE STRUCTURE ABOVE UNLESS NOTED OTHERWISE. THOSE WALLS PERPENDICULAR TO THE FLOOR JOISTS ABOVE SHALL BE FRAMED TO THE BOTTOMS OF THE JOISTS, INFILL FRAMING BETWEEN THE JOISTS SHALL BE INSTALLED TO ALLOW DRYWALL TO NOTCH UP INTO THOSE JOIST SPACES AND SEAL TIGHT.
- 10. FILL CELLS OF BLOCK WITH GROUT WHERE ANCHORS AND FASTENERS ARE USED TO SECURE ITEMS TO WALLS.
- WHERE VAPOR BARRIERS ARE INSTALLED PROVIDE CONTINUOUS SEAL BETWEEN WALL AND CEILING PLANES USING MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 12. FIRE EXTINGUISHERS TO BE LOCATED AND INSTALLED BY FIRE EXTINGUISHER SUPPLIER.
- 13. FIRE/SMOKE ALARM SYSTEM TO BE UPGRADED AND INSTALLED BY FIRE/SMOKE ALARM SYSTEM PROVIDER.
- 14. LICENSED MECHANICAL AND ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY WORK TO SUPPORT THE SCOPE OF WORK IN THIS PROJECT.
- 15. REFER TO SHEET G0.01 FOR ADA REQUIREMENTS AND CLEARANCES.
- 16. WHEN WORKING WITHIN ADA REQUIREMENTS, IF A DIMENSION RANGE IS GIVEN, THE CONTRACTOR SHALL AIM FOR MIDDLE OF THE RANGE.
- WHEN WORKING WITHIN ADA REQUIREMENTS. IF A MAXIMUM OR MINIMUM DIMENSION IS GIVEN. THE CONTRACTOR SHALL AIM FOR THE 1 INCH BELOW MAXIMUM AND/OR 1 INCH ABOVE THE MINIMUM REQUIRED DIMENSION.
- 18. WHEN WORKING WITHIN ADA REQUIREMENTS, IF A SPECIFIC DIMENSION IS GIVEN, THE CONTRACTOR SHALL BUILD TO THAT **EXACT DIMENSION. THERE WILL BE NO FLEXIBILITY ALLOWED IN** THESE DIMENSIONS.

INDEX OF SHEETS			
NO.	DESCRIPTION		
G0.00 G0.01 G0.02	TITLE SHEET/ABBREVIATIONS/INDEX/CODE INFO GENERAL INFORMATION ADA STANDARDS		
G0.03 G0.04	ADA STANDARDS ADA STANDARDS		
G0.05 G1.01	ADA STANDARDS BASEMENT FLOOR REFERENCE PLAN		
G1.02 G1.03	FIRST FLOOR REFERENCE PLAN SECOND FLOOR REFERENCE PLAN		
G1.04 G2.01 G2.02	THIRD FLOOR REFERENCE PLAN PHOTO REFERENCE SHEET PHOTO REFERENCE SHEET		
G3.01 G4.01	DETAILS SPECIFICATIONS		
G5.01 G5.02	ILA SURVEY - FOR REFERENCE ONLY ILA SURVEY - FOR REFERENCE ONLY		
G5.03 G5.04	ILA SURVEY - FOR REFERENCE ONLY ILA SURVEY - FOR REFERENCE ONLY		
G5.05	ILA SURVEY - FOR REFERENCE ONLY		



Ament DESIGN CEDAR RAPIDS, IOWA 52404

PH: (319) 378-1401

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I HEREBY CERTIFY THAT THE PLANS, SPECIFICATIONS OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.	DATE:	IOWA LICENSE NO.	7 THIS SEAL UNLESS SPECIFIED	
I HEREBY CERTIFY THAT THE PLANS, PREPARED BY ME OR UNDER MY DIR A DULY REGISTERED ARCHITECT UNI	SIGNED,	ALLEN M. VARNEY, III MY LICENSE RENEWAL DATE IS	ENTIRE SUBMISSION IS COVERED BY THIS SEAL UNLESS SPECIFIED BELOW.	

CEDAR RAPIDS CITY HALL ADA COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Issue & Revision Dates REVIEW 01/20/2017 CITY REVIEW 02/23/2017 FINAL CITY REVIEW 03/24/2017

CITY REVIEW - UPDATE 04/05/2017 BID SET 05/03/2017

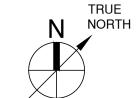
TITLE SHEET/ABBREVIATIONS/

INDEX/CODE INFO

STANDARD SYMBOL DEFINITIONS

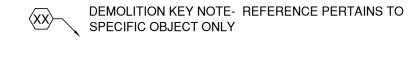


NORTH ARROW- REFERENCE PERTAINS TO TRUE NORTH



PLAN NORTH ARROW- REFERENCE PERTAINS TO A DETERMINED PLAN NORTH IF TRUE NORTH IS A NON STANDARD DIRECTION

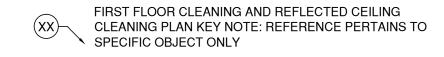
DEMOLITION KEY NOTE- REFERENCE PERTAINS TO ENTIRE ROOM OR AREA



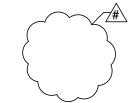
FLOOR PLAN AND REFLECTED CEILING PLAN KEY NOTE- REFERENCE PERTAINS TO ENTIRE ROOM OR AREA

FLOOR PLAN AND REFLECTED CEILING PLAN KEY NOTE- REFERENCE PERTAINS TO SPECIFIC OBJECT

FIRST FLOOR CLEANING AND REFLECTED CEILING CLEANING PLAN KEY NOTE: REFERENCE PERTAINS TO ENTIRE ROOM OR AREA







REVISION TAG- REFERENCE PERTAINS TO REVISED PORTION OF DRAWING AND **REVISION NUMBER**

ROOM OR AREA TAG- REFERENCE PERTAINS TO ROOM OR AREA NAME



WINDOW TAG- REFERENCE PERTAINS TO SPECIFIC WINDOW FRAME TYPE

DOOR TAGS- REFERENCE PERTAINS TO ROOM OR AREA WITH SAME NUMBERING. HANDING DETERMINED FROM OUTSIDE OF ROOM FACING DOOR.

WALL TYPE TAG- REFERENCE PERTAINS TO

SPECIFIC WALL TYPE, SEE DESCRIPTION OF

WALL TYPES FOR SPECIFIC INFORMATION



ELEVATION TAG- REFERENCE PERTAINS TO

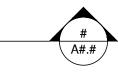
EXTERIOR ELEVATION BASED ON 100'-0"



DIMENSION LINE- REFERENCE PERTAINS TO FINISHED FACE TO FINISHED FACE



ELEVATION TAG- REFERENCE PERTAINS TO DIRECTION, NUMBER, AND PAGE LOCATION OF ELEVATION



SECTION TAG- REFERENCE PERTAINS TO DIRECTION, NUMBER, AND PAGE LOCATION OF SECTION

FE

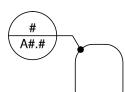
FIRE EXTINGUISHER

FIRE EXTINGUISHER

FINISHED FLOOR

CABINET

FINISHED



DETAIL TAG- REFERENCE PERTAINS TO PORTION OF SECTION TO BE ENLARGED AND PROVIDES DETAILED INFORMATION. NUMBER AND PAGE LOCATION OF DETAIL.

STANDARD ABBREVIATIONS

#	NUMBER	FRO	FOR REFERENCE ONLY	PLY	PLYWOOD
ACP	ACOUSTICAL CEILING	FRP	FIBERGLASS REINFORCED	PT	PAINT
	PANELS		PANELS	PVC	POLYVINYL CHLORIDE
AFF	AFTER FINISHED FLOOR	G	GROUT	QT	QUARRY TILE
ALUM	ALUMINUM	GA	GAUGE	RAD	RADIUS
ANOD	ANODIZED	GALV	GALVANIZED	RB	RUBBER BASE
ARGB	ABUSE-RESISTANT	GC	GENERAL CONTRACTOR	RD	ROOF DRAIN
	GYPSUM BOARD	GHM	GALVANIZED HOLLOW	RES	RESINOUS FLOORING
3/	BOTTOM OF		METAL	REV	REVISION
3BT	BIOBASED TILE	GB	GYPSUM BOARD	RF	RUBBER FLOORING
BCMU	BURNISHED CONCRETE	HM	HOLLOW METAL	RJ	REVEAL JOINT
	MASONRY UNIT	HORZ	HORIZONTAL	RO	ROUGH OPENING
3E	BAKED ENAMEL	HPC	HIGH PERFORMANCE	ROW	RIGHT-OF-WAY
BFF	BELOW FINISHED FLOOR		COATING	SC	SEALED CONCRETE
BM	BENCH MARK	HPOF	HIGH PERFORMANCE	SF	SQUARE FOOT
BMU	BRICK		ORGANIC FINISH	SH	SINGLE HUNG
BRG	BEARING	HT	HEIGHT	SIM	SIMILAR
2	CHANNEL	HVAC	HEATING/VENTILATION/AIR	SN	STAIR NOSING
CFCI	CONTRACTOR FURNISHED	117710	CONDITIONING	SRFEC	SEMI-RECESSED FIRE
, oi	CONTRACTOR INSTALLED	ICP	INSULATED ALUMINUM	0.11 20	EXTINGUISHER CABINET
CFE	CITY FINANCED	101	COMPOSITE PANEL	SS	SOLID SURFACE
), L	ENHANCEMENT	ID	INSIDE DIAMETER	ST.STL.	STAINLESS STEEL
CFOI	CONTRACTOR FURNISHED	IG	INSULATED GLASS	STN	STAIN
71 01	OWNER INSTALLED	IGHM	INSULATED GLASS INSULATED GALVANIZED	SUSP	SUSPENDED
CJ	CONTROL JOINT	IGHIVI	HOLLOW METAL	T&G	TONGUE AND GROOVE
CL	CENTER LINE	IHM	INSULATED HOLLOW	TB	TACK BOARD
CLG	CEILING	IIIIVI		TERR	TERRAZZO
CLL	CONSTRUCTION LIMITS	ISG	METAL	TF	
JLL	LINE	18G	INSULATED SPANDREL	TG	TACKABLE FABRIC
SMILL			GLASS		TEMPERED GLASS
CMU	CONCRETE MASONRY	L	ANGLE	TIG	TEMPERED INSULATED
ONO	UNIT	LB/LBS	POUND/POUNDS	Τ,	GLASS
CONC	CONCRETE	MAH	MAXIMUM ATTAINABLE	T/	TOP OF
CONT	CONTINUOUS	14437	HEIGHT	TYP	TYPICAL
CPT	CARPET	MAX	MAXIMUM	UL	UNDERWRITERS
CT	CERAMIC TILE	MC	MECHANICAL		LABORATORIES, INC.
CTCB	CERAMIC TILE COVE BASE		CONTRACTOR	UNO	UNLESS NOTED
CW	CURTAIN WALL	MFR	MANUFACTURER'S		OTHERWISE
)B	DRY-ERASE BOARD	MH	MANHOLE	VB	VINYL BASE
EMO	DEMOLISH/ DEMOLITION	mil	MIL THICKNESS	VCT	VINYL COMPOSITION TILE
D.E.F.S.A.	DIRECT APPLIED	MO	MASONRY OPENING	VERT	VERTICAL
	EXTERIOR FINISH SYSTEM	MTD	MOUNTED	VIF	VERIFY IN FIELD
DIA	DIAMETER	NIC	NOT IN CONTRACT	VWC	VINYL WALL COVERING
)S	DOWNSPOUT	NTS	NOT TO SCALE	W/	WITH
EC	ELECTRICAL	OA	OVERALL	W/O	WITHOUT
	CONTRACTOR	OC	ON CENTER	WD	WOOD
E.I.F.S.	EXTERIOR INSULATION &	OFCI	OWNER FURNISHED	WFE	WALL-MOUNTED FIRE
	FINISH SYSTEM		CONTRACTOR INSTALLED		EXTINGUISHER
J	EXPANSION JOINT	OFOI	OWNER FURNISHED	WG	WIRE GLASS
LEC	ELECTRICAL		OWNER INSTALLED	WM	WALK-OFF MAT
LEV	ELEVATION	OD	OUTSIDE DIAMETER	WT	WINDOW TREATMENT
PT	EPOXY PAINT	ОН	OVERHEAD	WWF	WELDED WIRE FABRIC
Q	EQUAL	OPP	OPPOSITE	-	· · · · · · · · ·
EWC	ELECTRIC WATER COOLER	ORD	OVERFLOW ROOF DRAIN		
X	EXISTING	OSB	ORIENTED STRAND BOARD		
D.	FLOOR DRAIN	OTS	OPEN TO STRUCTURE		
==	FIRE EXTINGUISHER	(P)	PATENTED		

(P) PORT

PJ

PATENTED

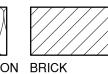
PLATE

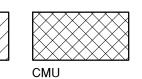
PORCELAIN TILE PANEL JOINT

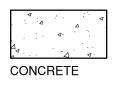
PLASTIC LAMINATE

STANDARD MATERIALS

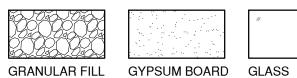


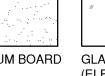


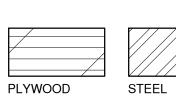


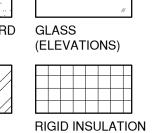






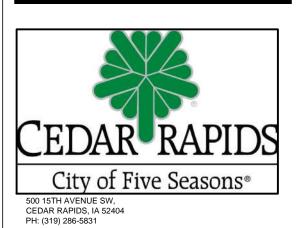






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CEDAR RAPIDS CITY HALL ADA COMPLIANCE WORK

101 1ST ST SE, CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

ssue & Revision Dates		
escription	Date	No.
REVIEW	01/20/2017	7
CITY REVIEW	02/23/2017	7
INAL CITY REVIEW	03/24/2017	7
CITY REVIEW - UPDATE	04/05/2017	7
BID SET	05/03/2017	7

GENERAL INFORMATION

G0.01

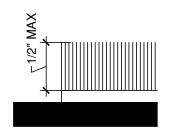
ADA STANDARDS INFORMATION SHEET

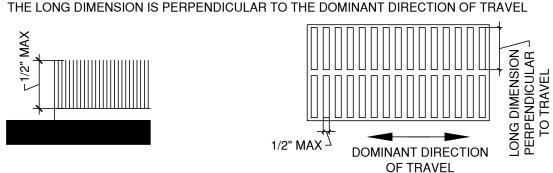
CHAPTER 3: BUILDING BLOCKS

302 FLOOR OR GROUND SURFACES

302.1 GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH 302. EXCEPTIONS: (1.) WITHIN ANIMAL CONTAINMENT AREAS, FLOOR AND GROUND SURFACES SHALL NOT BE REQUIRED TO BE STABLE, FIRM, AND SLIP RESISTANT. (2.) AREAS OF SPORT ACTIVITY SHALL NOT BE REQUIRED TO COMPLY WITH 302.

302.2 CARPET. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE 1/2" MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH 303 302.3 OPENINGS. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER EXCEPT AS ALLOWED IN 407.4.3, 409.4.3, 410.4, 810.5.3 AND 810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT

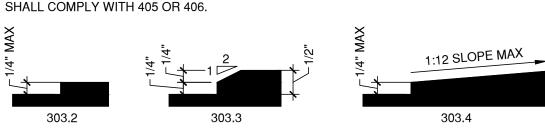




303.1 GENERAL. WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES, THEY SHALL COMPLY WITH 303. EXCEPTIONS: 1.) ANIMAL CONTAINMENT AREAS SHALL NOT BE REQUIRED TO COMPLY WITH 303, 2,) AREAS OF SPORT ACTIVITY SHALL NOT BE REQUIRED TO COMPLY WITH 303.

303.2 VERTICAL. CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE

303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. 303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2" HIGH SHALL BE RAMPED, AND



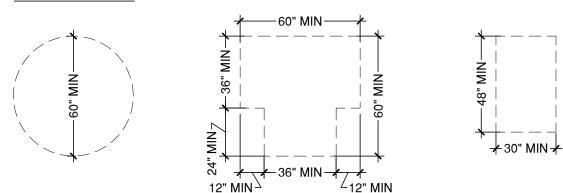
304 TURNING SPACE

304.1 GENERAL. TURNING SPACE SHALL COMPLY WITH 304. 304,2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED

304.3 SIZE. TURNING SPACE SHALL COMPLY WITH 304.3.1 OR 304.3.2. 304.3.1 CIRCULAR SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60" DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE

304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60" SQUARE MINIMUM WITH ARMS AND BASE 36" WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF

EITHER THE BASE OR ONE ARM. 304.4 DOOR SWING. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.

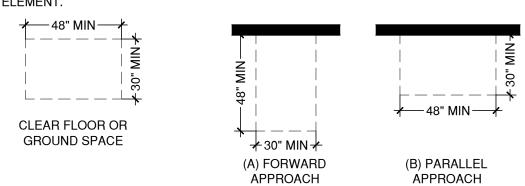


305 CLEAR FLOOR OR GROUND SPACE

305.1 GENERAL. CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 305. 305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30" MINIMUM BY 48"

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.

305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN

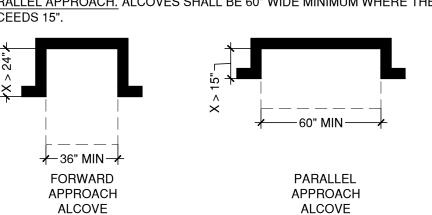


305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR

305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH 305.7.1 AND 305.7.2.

305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36" WIDE MINIMUM WHERE THE **DEPTH EXCEEDS 24**

305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15".



306.1 GENERAL. WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH 306. ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT BUT SHALL NOT BE CONSIDERED AS PART OF THE CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE.

306.2.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.2.

306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN 306.2.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN

ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17" MINIMUM UNDER THE ELEMENT. 306.2.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6" BEYOND THE AVAILABLE KNEE CLEARANCE AT 9" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT

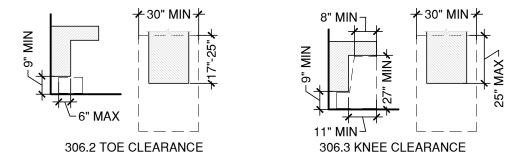
BE CONSIDERED TOE CLEARANCE. 306.2.5 WIDTH. TOE CLEARANCE SHALL BE 30" WIDE MINIMUM.

306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY

306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN ELEMENT AT 9" ABOVE THE FINISH FLOOR OR GROUND. 306.3.3 MINIMUM REQUIRED DEPTH. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE. THE KNEE CLEARANCE SHALL BE 11"

DEEP MINIMUM AT 9" ABOVE THE FINISH FLOOR OR GROUND, AND 8" DEEP MINIMUM AT 27" ABOVE THE FINISH FLOOR OR GROUND. 306.3.4 CLEARANCE REDUCTION. BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1" IN

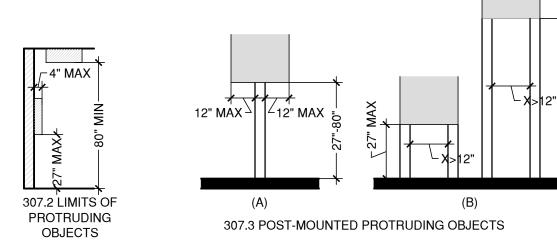
DEPTH FOR EACH 6" IN HEIGHT. 306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30" WIDE MINIMUM.



307 PROTRUDING OBJECTS

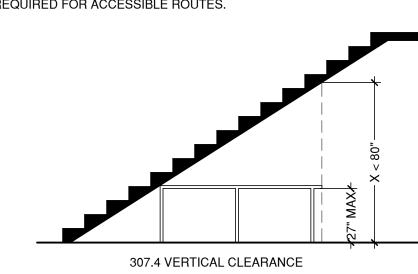
307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH 307. '.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 41/2" MAXIMUM.

307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12" MAXIMUM WHEN LOCATED 27" MINIMUM AND 80" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12", THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27" MAXIMUM OR 80" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. EXCEPTION: THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY WITH 307.3.



307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80" HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80" HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78"

MINIMUM ABOVE THE FINISH FLOOR OR GROUND. 307.5 REQUIRED CLEAR WIDTH. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.

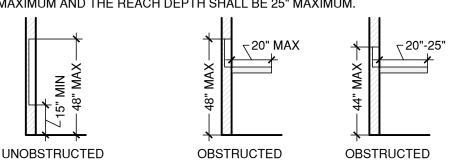


308 REACH RANGES 308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308.

FRONT REACH

308.2 FORWARD REACH. 308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

308.2.2 OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM WHERE THE REACH DEPTH IS 20" MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAXIMUM AND THE REACH DEPTH SHALL BE 25" MAXIMUM.

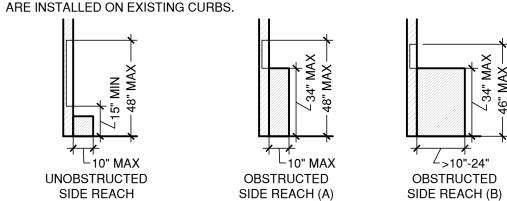


FRONT REACH (A)

FRONT REACH (B)

308.3.1 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48" MAXIMUM AND THE LOW SIDE REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. EXCEPTIONS: 1.) AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10" MAXIMUM. 2.) OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54" MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE

308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24" MAXIMUM. THE HIGH SIDE REACH SHALL BE 48" MAXIMUM FOR A REACH DEPTH OF 10" MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" MAXIMUM FOR A REACH DEPTH OF 24" MAXIMUM. EXCEPTIONS: (1.) THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36" MAXIMUM ABOVE THE FINISH FLOOR. (2.) OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54" MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS



309 OPERABLE PARTS

309.1 GENERAL. OPERABLE PARTS SHALL COMPLY WITH 309. 309.2 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 SHALL BE PROVIDED

309.3 HEIGHT. OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN 308.

309.4 OPERATION. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. EXCEPTION: GAS PUMP NOZZLES SHALL NOT BE REQUIRED TO PROVIDE OPERABLE PARTS THAT HAVE AN ACTIVATING FORCE OF 5 POUNDS MAXIMUM.

CHAPTER 4: ACCESSIBLE ROUTES

402 ACCESSIBLE ROUTES

402.1 GENERAL. ACCESSIBLE ROUTES SHALL COMPLY WITH 402. 402.2 COMPONENTS. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE

403.1 GENERAL. WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 403.

ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF CHAPTER 4.

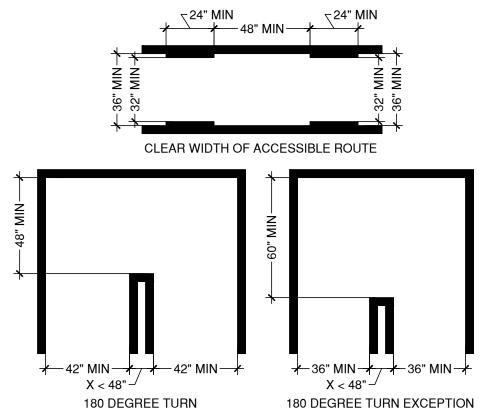
403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY

403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN

403.4 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 303. 103.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.5. EXCEPTION: WITHIN EMPLOYEE WORK AREAS, CLEARANCES ON COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREASE IS ESSENTIAL TO THE FUNCTION OF THE

WORK BEING PERFORMED 403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36" MINIMUM. EXCEPTION: THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM.

403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48" WIDE, CLEAR WIDTH SHALL BE 42" MINIMUM APPROACHING THE TURN, 48" MINIMUM AT THE TURN AND 4" MINIMUM LEAVING THE TURN. EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60" MINIMUM COMPLIANCE WITH 403.5.2 SHALL NOT BE REQUIRED



403.5.3 PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60" SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200' MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60" MINIMUM BY 60" MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48" MINIMUM BEYOND THE INTERSECTION.

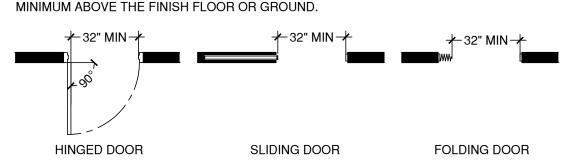
403.6 HANDRAILS. WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL COMPLY WITH 505.

404 DOORS, DOORWAYS, AND GATES

404.1 GENERAL. DOORS, DOORWAYS, AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 404. EXCEPTION: DOORS, DOORWAYS, AND GATES DESIGNED TO BE OPERATED ONLY BY SECURITY PERSONNEL SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.7, 404.2.8, 404.2.9, 404.3.2 AND 404.3.4 THROUGH 404.3.7. 404.2 MANUAL DOORS, DOORWAYS, AND MANUAL GATES. MANUAL DOORS AND DOORWAYS AND MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH

404.2.1 REVOLVING DOORS, GATES, AND TURNSTILES. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE. 404.2.2 DOUBLE-LEAF DOORS AND GATES. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 404.2.3 AND 404.2.4.

404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32" MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24" DEEP SHALL PROVIDE A CLEAR OPENING OF 36" MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34" ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 80" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4". EXCEPTIONS: (1.) IN ALTERATIONS, A PROJECTION OF 5/8" MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. (2.) DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78"

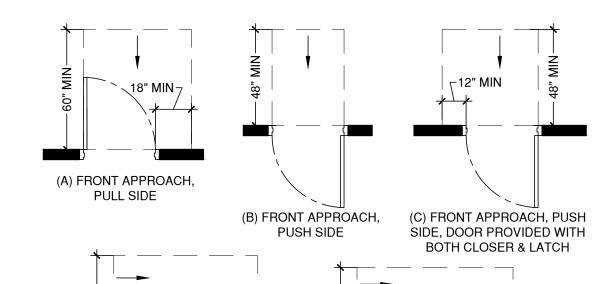


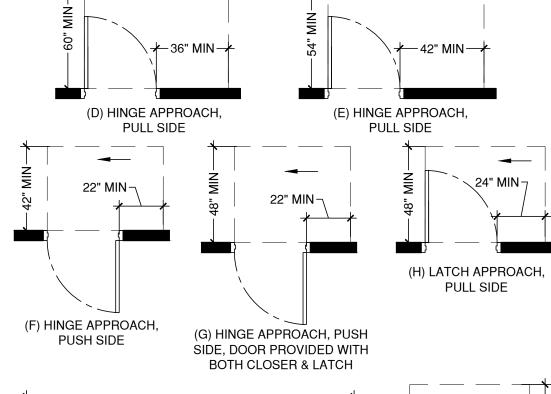
404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 404.2.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. EXCEPTION: ENTRY DOORS TO HOSPITAL PATIENT ROOMS SHALL NOT BE REQUIRED TO PROVIDE THE CLEARANCE BEYOND THE LATCH SIDE OF THE DOOR. 404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1.

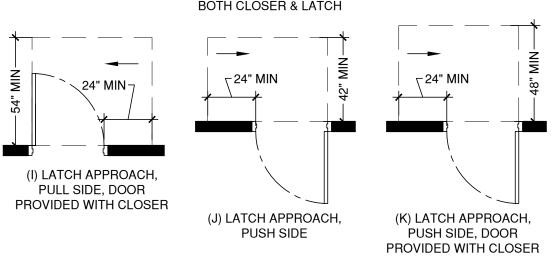
TABLE 404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS & GATES			
TYPE OF USE		MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	DOOR OR GATE SIDE	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (BEYOND LATCH SIDE UNLESS NOTED)
FROM FRONT	PULL	60"	18"
FROM FRONT	PUSH	48"	0"
FROM HINGE SIDE	PULL	60"	36"
FROM HINGE SIDE	PULL	54"	42"
FROM HINGE SIDE	PUSH	42"	22"
FROM LATCH SIDE	PULL	48"	24"
FROM LATCH SIDE	PUSH	42"	24"
1. ADD 12" IF CLOSER AND LATCH ARE PROVIDED.			

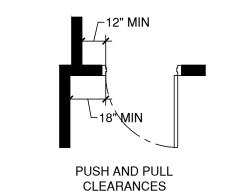
1. ADD 12" IF CLOSER AND LATCH ARE PROVIDED.
2. ADD 6" IF CLOSER AND LATCH ARE PROVIDED.
3. BEYOND HINGE SIDE.

ADD 6" IF CLOSER IS PROVIDED.





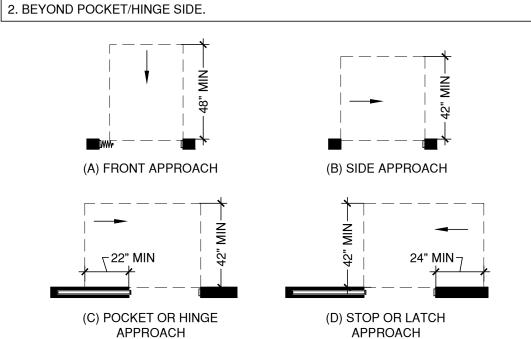




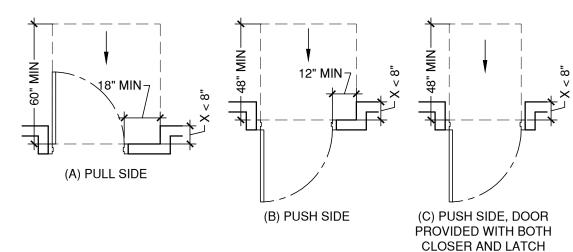
404.2.4.2 DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36" WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH

TABLE 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR GATES, MANUAL SLIDING DOORS, AND MANUAL FOLDING DOORS

	MINIMUM MANEUVERING CLEARANCE		
APPROACH DIRECTION	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (BEYOND STOP/LATCH SIDE UNLESS NOTED)	
FROM FRONT	48"	0"	
FROM SIDE	42"	0"	
FROM POCKET/HINGE SIDE	42"	22"	
FROM STOP/LATCH SIDE	42"	24"	
1. DOORWAY WITH NO DOOR ONLY.			



404.2.4.3 RECESSED DOORS AND GATES. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18" OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8" BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.

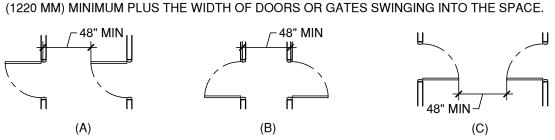


404.2.4.4 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTIONS: (1.) SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 2.) CHANGES IN LEVEL AT THRESHOLDS COMPLYING WITH 404.2.5 SHALL BE 404.2.5 THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2" HIGH

MAXIMUM THAT HAVE A BEVELED EDGE ON EACH SIDE WITH A SLOPE NOT STEEPER THAN 1:2 SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.5. 404.2.6 DOORS IN SERIES AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES

COMPLY WITH 302 AND 303. EXCEPTION: EXISTING OR ALTERED THRESHOLDS 3/4" HIGH

MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL



404.2.7 DOOR AND GATE HARDWARE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION. OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. 404.2.8 CLOSING SPEED. DOOR AND GATE CLOSING SPEED SHALL COMPLY WITH 404.2.8. 404.2.8.1 DOOR CLOSERS AND GATE CLOSERS. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME

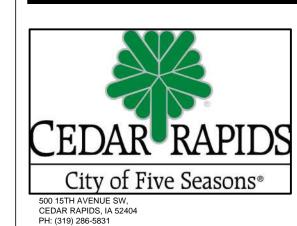
REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. 404.2.8.2 SPRING HINGES. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

404.2.9 DOOR AND GATE OPENING FORCE. FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM. SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED

404.2.10 DOOR AND GATE SURFACES. SWINGING DOOR AND GATE SURFACES WITHIN 10" OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. EXCEPTIONS: (1.) SLIDING DOORS SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.10. (2.) TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MINIMUM FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10" BOTTOM SMOOTH SURFACE HEIGHT REQUIREMENT. (3.) DOORS AND GATES THAT DO NOT EXTEND TO WITHIN 10" OF THE FINISH FLOOR OR GROUND SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.10. (4.) EXISTING DOORS AND GATES WITHOUT SMOOTH SURFACES WITHIN 10" OF THE FINISH FLOOR OR GROUND SHALL NOT BE REQUIRED TO PROVIDE SMOOTH SURFACES COMPLYING WITH 404.2.10 PROVIDED THAT IF ADDED KICK PLATES ARE INSTALLED, CAVITIES CREATED BY SUCH KICK PLATES ARE CAPPED. 404.2.11 VISION LIGHTS. DOORS, GATES, AND SIDE LIGHTS

ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE GLAZED PANEL LOCATED 43" MAXIMUM ABOVE THE FINISH FLOOR, EXCEPTION: VISION LIGHTS WITH THE LOWEST PART MORE THAN 66" FROM THE FINISH FLOOR OR GROUND SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.11.



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PROJECT #: G0025.R0682

CEDAR RAPIDS, IA 52401

Issue & Revision Dates CITY REVIEW - UPDATE 04/05/2017 05/03/2017

405.1 GENERAL. RAMPS ON ACCESSIBLE ROUTES SHALL COMPLY WITH 405. EXCEPTION: IN ASSEMBLY AREAS, AISLE RAMPS ADJACENT TO SEATING AND NOT SERVING ELEMENTS REQUIRED TO BE ON AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED TO

405.2 SLOPE. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. EXCEPTION: IN EXISTING SITES, BUILDINGS, AND FACILITIES, RAMPS SHALL BE PERMITTED TO HAVE RUNNING SLOPES STEEPER THAN 1:12 COMPLYING WITH TABLE

405.2 WHERE SUCH SLOPES ARE NECESSARY DUE TO SPACE LIMITATIONS.

TABLE 405.2 MAXIMUM RAMP SLOPE AND RISE FOR EXISTING SITES, BUILDINGS, AND FACILITIES		
SLOPE (1)	MAXIMUM RISE	
STEEPER THAT 1:10 BUT NOT STEEPER THAN 1:8	3 INCHES	
STEEPER THAT 1:12 BUT NOT STEEPER THAN 1:10	6 INCHES	

405.3 CROSS SLOPE. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48

405.4 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF RAMP RUNS SHALL COMPLY WITH 302. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS.

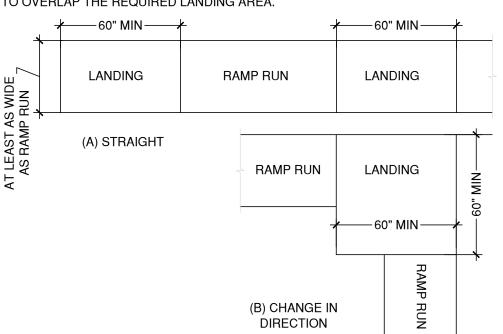
405.5 CLEAR WIDTH. THE CLEAR WIDTH OF A RAMP RUN AND, WHERE HANDRAILS ARE PROVIDED, THE CLEAR WIDTH BETWEEN HANDRAILS SHALL BE 36" MINIMUM. EXCEPTION: WITHIN EMPLOYEE WORK AREAS, THE REQUIRED CLEAR WIDTH OF RAMPS THAT ARE A PART OF COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREASE IS ESSENTIAL TO THE FUNCTION OF THE WORK BEING PERFORMED.

405.6 RISE. THE RISE FOR ANY RAMP RUN SHALL BE 30" MAXIMUM.

1. A SLOPE STEEPER THAN 1:8 IS PROHIBITED.

405.7 LANDINGS. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. LANDINGS SHALL COMPLY WITH 405.7.405.7.1 SLOPE. LANDINGS SHALL HAVE HAVE A MAXIMUM SLOPE OF 1:48 IN ALL DIRECTIONS. 405.7.1 SLOPE. LANDINGS SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 405.7.2 WIDTH. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.

405.7.3 LENGTH. THE LANDING CLEAR LENGTH SHALL BE 60" LONG MINIMUM. 405.7.4 CHANGE IN DIRECTION. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING 60" MINIMUM BY 60" MINIMUM. 405.7.5 DOORWAYS. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY 404.2.4 AND 404.3.2 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA.

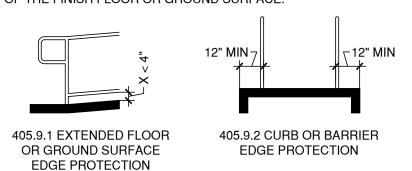


405.8 HANDRAILS. RAMP RUNS WITH A RISE GREATER THAN 6" SHALL HAVE HANDRAILS COMPLYING WITH 505. EXCEPTION: WITHIN EMPLOYEE WORK AREAS, HANDRAILS SHALL NOT BE REQUIRED WHERE RAMPS THAT ARE PART OF COMMON USE CIRCULATION PATHS ARE DESIGNED TO PERMIT THE INSTALLATION OF HANDRAILS COMPLYING WITH 505. RAMPS NOT SUBJECT TO THE EXCEPTION TO 405.5 SHALL BE DESIGNED TO MAINTAIN A 36" MINIMUM CLEAR WIDTH WHEN HANDRAILS ARE INSTALLED.

405.9 EDGE PROTECTION. EDGE PROTECTION COMPLYING WITH 405.9.1 OR 405.9.2 SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. EXCEPTIONS: (1.) EDGE PROTECTION SHALL NOT BE REQUIRED ON RAMPS THAT ARE NOT REQUIRED TO HAVE HANDRAILS AND HAVE SIDES COMPLYING WITH 406.3. (2.) EDGE PROTECTION SHALL NOT BE REQUIRED ON THE SIDES OF RAMP LANDINGS SERVING AN ADJOINING RAMP RUN OR STAIRWAY. (3.) EDGE PROTECTION SHALL NOT BE REQUIRED ON THE SIDES OF RAMP LANDINGS HAVING A VERTICAL DROP-OFF OF 1/2" MAXIMUM WITHIN 10" HORIZONTALLY OF THE MINIMUM LANDING

AREA SPECIFIED IN 405.7. 405.9.1 EXTENDED FLOOR OR GROUND SURFACE. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING SHALL EXTEND 12" MINIMUM BEYOND THE INSIDE FACE OF A HANDRAIL COMPLYING WITH 505.

405.9.2 CURB OR BARRIER. A CURB OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4" DIAMETER SPHERE. WHERE ANY PORTION OF THE SPHERE IS WITHIN 4" OF THE FINISH FLOOR OR GROUND SURFACE.

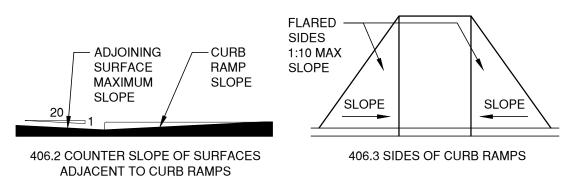


405.10 WET CONDITIONS. LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER.

406.1 GENERAL. CURB RAMPS ON ACCESSIBLE ROUTES SHALL COMPLY WITH 406, 405.2 THROUGH 405.5, AND 405.10.

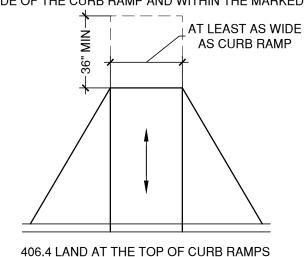
406.2 COUNTER SLOPE. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL.

406.3 SIDES OF CURB RAMPS. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10.



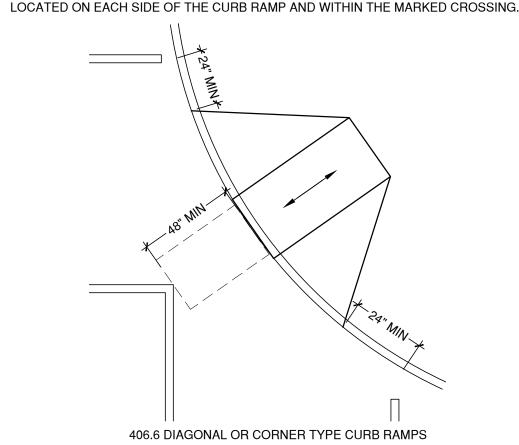
406.5 LOCATION. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES, OR PARKING ACCESS AISLES. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.

406.6 DIAGONAL CURB RAMPS. DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURBS OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48" MINIMUM OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48" MINIMUM CLEAR SPACE WITHIN THE MARKINGS. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 24" LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.



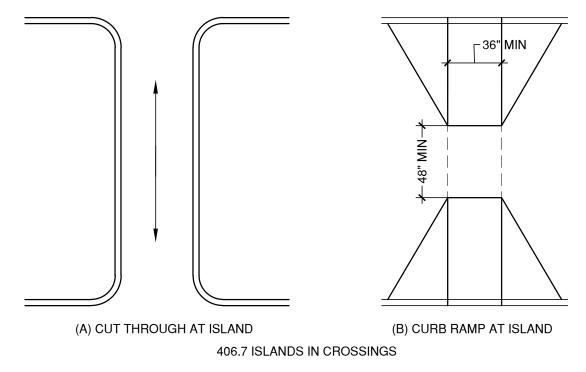
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406.6 DIAGONAL CURB RAMPS. DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURBS OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48" MINIMUM OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48" MINIMUM CLEAR SPACE WITHIN THE MARKINGS. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 24" LONG MINIMUM



406.7 ISLANDS. RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. EACH CURB RAMP SHALL HAVE A LEVEL AREA 48" LONG MINIMUM BY 36" WIDE MINIMUM AT THE TOP OF THE CURB RAMP IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS. EACH 48" MINIMUM BY 3" MINIMUM AREA SHALL BE ORIENTED SO THAT THE 48" MINIMUM LENGTH IS IN THE DIRECTION OF THE RUNNING SLOPE OF THE CURB RAMP IT SERVES. THE 48" MINIMUM BY 36" MINIMUM AREAS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO

OVERLAP.



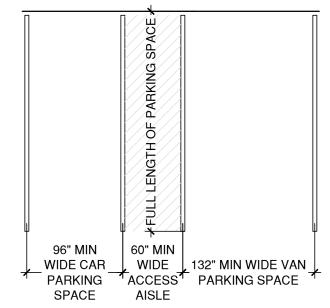
406.8 DETECTABLE WARNINGS. A CURB RAMP SHALL HAVE A DETECTABLE WARNING COMPLYING WITH 705. THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARED SIDES) AND SHALL EXTEND EITHER THE FULL DEPTH OF THE CURB RAMP OR 24" DEEP MINIMUM MEASURED FROM THE BACK OF THE CURB ON THE RAMP SURFACE.

CHAPTER 5: GENERAL SITE AND BUILDING

502 PARKING SPACES

502.1 GENERAL. CAR AND VAN PARKING SPACES SHALL COMPLY WITH 502. WHERE PARKING SPACES ARE MARKED WITH LINES, WIDTH MEASUREMENTS OF PARKING SPACES AND ACCESS AISLES SHALL BE MADE FROM THE CENTERLINE OF THE MARKINGS. EXCEPTION: WHERE PARKING SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLE. MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE PARKING SPACE OR ACCESS AISLE.

502.2 VEHICLE SPACES. CAR PARKING SPACES SHALL BE 96" WIDE MINIMUM AND VAN PARKING SPACES SHALL BE 132" WIDE MINIMUM, SHALL BE MARKED TO DEFINE THE WIDTH, AND SHALL HAVE AN ADJACENT ACCESS AISLE COMPLYING WITH 502.3. EXCEPTION: VAN PARKING SPACES SHALL BE PERMITTED TO BE 96" WIDE MINIMUM WHERE THE ACCESS AISLE IS 96 INCHES" WIDE MINIMUM.

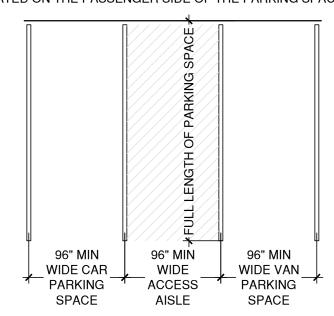


502.3 ACCESS AISLE. ACCESS AISLES SERVING PARKING SPACES SHALL COMPLY WITH 502.3. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. 502.3.1 WIDTH. ACCESS AISLES SERVING CAR AND VAN PARKING SPACES SHALL BE 60

INCHES (1525 MM) WIDE MINIMUM. 502.3.2 LENGTH. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACES THEY SERVE.

502.3.3 MARKING. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING

502.3.4 LOCATION. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES.



502.4 FLOOR OR GROUND SURFACES. PARKING SPACES AND ACCESS AISLES SERVING FHEM SHALL COMPLY WITH 302. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

502.5 VERTICAL CLEARANCE. PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF 98"

502.6 IDENTIFICATION. PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 703.7.2.1. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN THE DESIGNATION VAN ACCESSIBLE. SIGNS SHALL BE 60" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.

502.7 RELATIONSHIP TO ACCESSIBLE ROUTES. PARKING SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT CARS AND VANS, WHEN PARKED, CANNOT OBSTRUCT THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES.

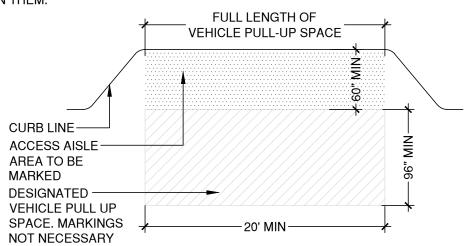
503 PASSENGER LOADING ZONES

503.1 GENERAL. PASSENGER LOADING ZONES SHALL COMPLY WITH 503.

503.2 VEHICLE PULL-UP SPACE. PASSENGER LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96" WIDE MINIMUM AND 20' LONG MINIMUM.

503.3 ACCESS AISLE. PASSENGER LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH 503 ADJACENT TO THE VEHICLE PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY. 503.3.1 WIDTH. ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60" WIDE 503.3.2 LENGTH. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE VEHICLE

PULL-UP SPACES THEY SERVE 503.3.3 MARKING. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING

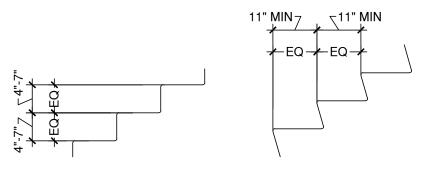


503.4 FLOOR AND GROUND SURFACES. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL COMPLY WITH 302. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

503.5 VERTICAL CLEARANCE. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM, AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE. AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SHALL PROVIDE A VERTICAL CLEARANCE OF 114" MINIMUM.

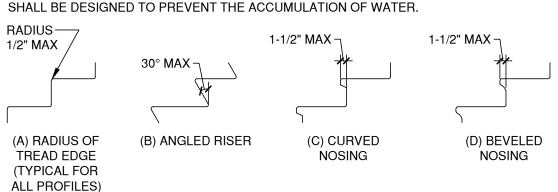
504.1 GENERAL. STAIRS SHALL COMPLY WITH 504. 504.2 TREADS AND RISERS. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4" HIGH MINIMUM AND 7" HIGH MAXIMUM. TREADS SHALL BE 11" DEEP MINIMUM.

504.3 OPEN RISERS. OPEN RISERS ARE NOT PERMITTED. 504.4 TREAD SURFACE. STAIR TREADS SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48.



504.5 NOSINGS. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE 1/2" MAXIMUM. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR BEVELED. RISERS SHALL BE PERMITTED TO SLOPE UNDER THE TREAD AT AN ANGLE OF 30 DEGREES MAXIMUM FROM VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL EXTEND 11/2" MAXIMUM OVER THE TREAD BELOW.

504.6 HANDRAILS. STAIRS SHALL HAVE HANDRAILS COMPLYING WITH 505. 504.7 WET CONDITIONS. STAIR TREADS AND LANDINGS SUBJECT TO WET CONDITIONS



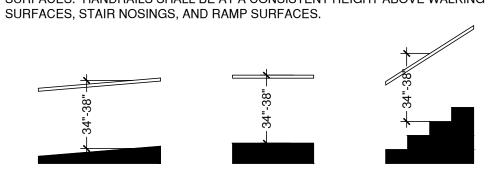
505 HANDRAILS

505.1 GENERAL. HANDRAILS PROVIDED ALONG WALKING SURFACES COMPLYING WITH 403, REQUIRED AT RAMPS COMPLYING WITH 405, AND REQUIRED AT STAIRS COMPLYING WITH 504 SHALL COMPLY WITH 505.

505.2 WHERE REQUIRED. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. EXCEPTION: IN ASSEMBLY AREAS, HANDRAILS SHALL NOT BE REQUIRED ON BOTH SIDES OF AISLE RAMPS WHERE A HANDRAIL IS PROVIDED AT EITHER SIDE OR WITHIN THE AISLE WIDTH.

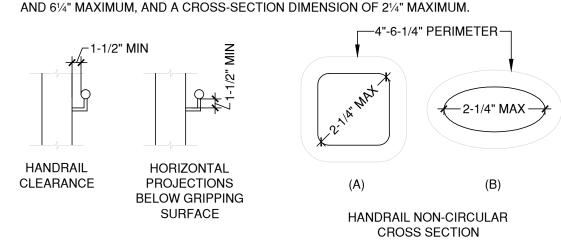
505.3 CONTINUITY. HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS. EXCEPTION: IN ASSEMBLY AREAS, HANDRAILS ON RAMPS SHALL NOT BE REQUIRED TO BE CONTINUOUS IN AISLES SERVING SEATING.

505.4 HEIGHT. TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34" MINIMUM AND 38" MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING



505.5 CLEARANCE. CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 11/2" MINIMUM. 505.6 GRIPPING SURFACE, HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 11/2" MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE. EXCEPTIONS: (1.) WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH SLOPES NOT STEEPER THAN 1:20, THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL BE PERMITTED TO BE OBSTRUCTED ALONG THEIR ENTIRE LENGTH WHERE THEY ARE INTEGRAL TO CRASH RAILS OR BUMPER GUARDS. (2.) THE DISTANCE BETWEEN HORIZONTAL PROJECTIONS AND THE BOTTOM OF THE GRIPPING SURFACE SHALL BE PERMITTED TO BE REDUCED BY 1/8" FOR EACH 1/2" OF ADDITIONAL HANDRAIL PERIMETER DIMENSION THAT EXCEEDS 4". 505.7 CROSS SECTION. HANDRAIL GRIPPING SURFACES SHALL HAVE A CROSS SECTION OMPLYING WITH 505.7.1 OR 505.7.2. 505.7.1 CIRCULAR CROSS SECTION. HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 11/4" MINIMUM AND 2"

MAXIMUM. 505.7.2 NON-CIRCULAR CROSS SECTIONS. HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4" MINIMUM



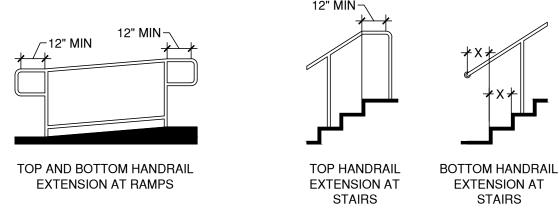
505.8 SURFACES. HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO FHEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED 505.9 FITTINGS. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

505.10 HANDRAIL EXTENSIONS. HANDRAIL GRIPPING SURFACES SHALL EXTEND BEYOND AND IN THE SAME DIRECTION OF STAIR FLIGHTS AND RAMP RUNS IN ACCORDANCE WITH 505.10. EXCEPTIONS: (1.) EXTENSIONS SHALL NOT BE REQUIRED FOR CONTINUOUS HANDRAILS AT THE INSIDE TURN OF SWITCHBACK OR DOGLEG STAIRS AND RAMPS. (2.) IN ASSEMBLY AREAS, EXTENSIONS SHALL NOT BE REQUIRED FOR RAMP HANDRAILS IN AISLES SERVING SEATING WHERE THE HANDRAILS ARE

DISCONTINUOUS TO PROVIDE ACCESS TO SEATING AND TO PERMIT CROSSOVERS WITHIN AISLES. (3.) IN ALTERATIONS, FULL EXTENSIONS OF HANDRAILS SHALL NOT BE REQUIRED WHERE SUCH EXTENSIONS WOULD BE HAZARDOUS DUE TO PLAN 505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS. RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12" MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING

SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN. 505.10.2 TOP EXTENSION AT STAIRS. AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12" MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT

505.10.3 BOTTOM EXTENSION AT STAIRS. AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.



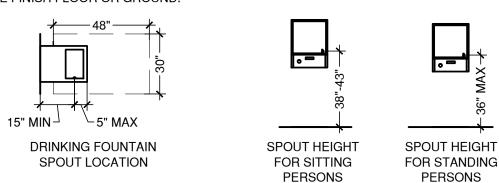
CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES

602.1 GENERAL. DRINKING FOUNTAINS SHALL COMPLY WITH 307 AND 602. 602.2 CLEAR FLOOR SPACE. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED. EXCEPTION: A PARALLEL APPROACH COMPLYING WITH 305 SHALL BE PERMITTED AT UNITS FOR CHILDREN'S USE WHERE THE SPOUT IS 30" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND AND IS 31/2" MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS.

602.3 OPERABLE PARTS. OPERABLE PARTS SHALL COMPLY WITH 309. 602.4 SPOUT HEIGHT. SPOUT OUTLETS SHALL BE 36" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

602.5 SPOUT LOCATION. THE SPOUT SHALL BE LOCATED 15" MINIMUM FROM THE VERTICAL SUPPORT AND 5" MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING

602.6 WATER FLOW. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MINIMUM AND SHALL BE LOCATED 5" MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3" AND 5" MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM. 602.7 DRINKING FOUNTAINS FOR STANDING PERSONS. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MINIMUM AND 43" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.



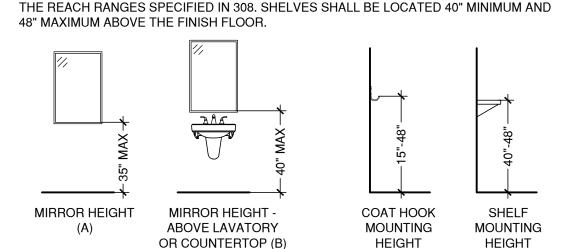
603 TOILET AND BATHING ROOMS

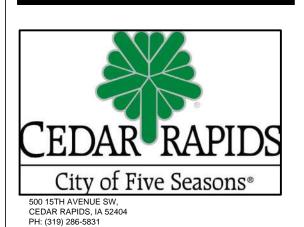
603.1 GENERAL. TOILET AND BATHING ROOMS SHALL COMPLY WITH 603. 603.2 CLEARANCES. CLEARANCES SHALL COMPLY WITH 603.2. 603.2.1 TURNING SPACE. TURNING SPACE COMPLYING WITH 304 SHALL BE PROVIDED

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 SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.

603.3 MIRRORS. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" 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" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 603.4 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF





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Issue & Revision Dates

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COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

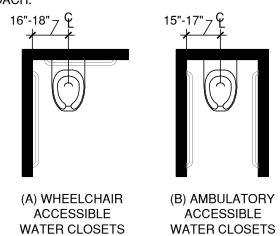
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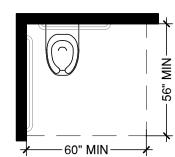
604 WATER CLOSETS AND TOILET COMPARTMENTS 604.1 GENERAL. WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH 604.2 THROUGH 604.8. EXCEPTION: WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE SHALL BE PERMITTED TO COMPLY WITH 604.9.

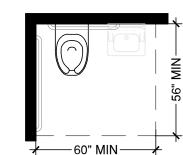
604.2 LOCATION. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16" MINIMUM TO 18" MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17" MINIMUM AND 19" MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN 604.8.2. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.



604.3 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" MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56" MINIMUM MEASURED PERPENDICULAR

FROM THE REAR WALL 604.3.2 OVERLAP. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET 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. EXCEPTION: IN RESIDENTIAL DWELLING UNITS, A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED ON THE REAR WALL 18" MINIMUM FROM THE WATER CLOSET CENTERLINE WHERE THE CLEARANCE AT THE WATER CLOSET IS 66" MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL





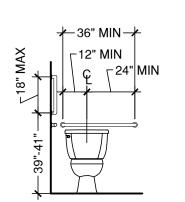
SIZE OF CLEARANCE (EXCEPTION) OVERLAP OF AT WATER CLOSETS WATER CLOSET CLEARANCE IN RESIDENTIAL DWELLING UNITS

604.4 SEATS. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALI BE 17" MINIMUM AND 19" 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" MINIMUM AND 19" 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 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 604.5. (3.) IN DETENTION OR CORRECTION FACILITIES, GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN HOUSING OR HOLDING CELLS THAT ARE SPECIALLY DESIGNED WITHOUT PROTRUSIONS FOR PURPOSES OF SUICIDE PREVENTION. 604.5.1 SIDE WALL. THE SIDE WALL GRAB BAR SHALL BE 42" LONG MINIMUM, LOCATED 12" MAXIMUM FROM THE REAR WALL AND EXTENDING 54" MINIMUM FROM THE REAR WALL. GRAB BAR SHALL BE MOUNTED SUCH THAT THE TOP OF THE GRAB BAR IS 33"

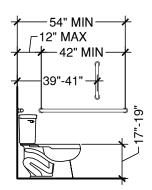
MINIMUM AND 36" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 604.5.2 REAR WALL. THE REAR WALL GRAB BAR SHALL BE 36" LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MINIMUM TO ONE SIDE AND 24" MINIMUM ON THE OTHER SIDE.

*ANSI REQUIREMENT: VERTICAL GRAB BAR SHALL BE 18" LONG MINIMUM AND SHALL BE MOUNTED SUCH THAT THE CENTER OF THE BOTTOM EXTENSION OF THE GRAB BAR IS 39" MINIMUM AND 41" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 604.6 FLUSH CONTROLS, FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOCRATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2. 604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL BE 7" MINIMUM AND 9" MAXIMUM IN FRONT OF THE FRONT EDGE OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15" MINIMUM AND 48" MAXIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR DOES NOT ALLOW CONTINUOUS PAPER FLOW.



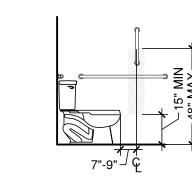
REAR WALL GRAB BAR

AT WATER CLOSETS



SIDE WALL GRAB BAR

AT WATER CLOSETS



DISPENSER OUTLET

LOCATION

(A) ADULT WALL HUNG (B) ADULT FLOOR MOUNTED AND WATER CLOSET CHILDREN'S WATER CLOSET

604.8 TOILET COMPARTMENTS. WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS

MORE THAN ONE PLUMBING FIXTURE SHALL COMPLY WITH 603. AMBULATORY

604.8.1 WHEELCHAIR ACCESSIBLE COMPARTMENTS. WHEELCHAIR ACCESSIBLE

HUNG WATER CLOSETS AND 59" DEEP MINIMUM FOR FLOOR MOUNTED WATER

COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60" WIDE MINIMUM MEASURED

PERPENDICULAR TO THE SIDE WALL, AND 59" DEEP MINIMUM FOR WALL HUNG AND

FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.

ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.2 AND 604.8.3.

COMPARTMENTS SHALL COMPLY WITH 604.8.1.

SHALL MEET THE REQUIREMENTS OF 604.8.1 AND 604.8.3. COMPARTMENTS CONTAINING

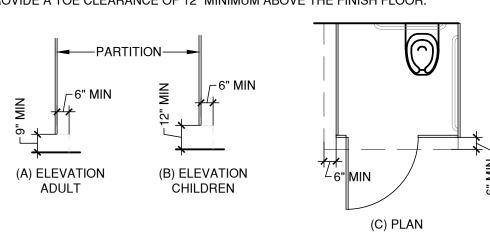
604.8.1.1 SIZE. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60" WIDE MINIMUM

MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56" DEEP MINIMUM FOR WALL

CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE

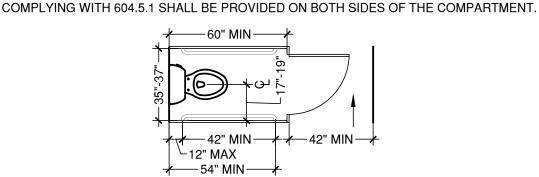
604.8.1.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MINIMUM. DOORS SHALL BE LOCATED IN THE FRONT -4" MAX PARTITION, THE DOOR OPENING SHALL BE 4" 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" MAXIMUM FROM THE FRONT PARTITION. THAT 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.

604.8.1.3 APPROACH. 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" MINIMUM ABOVE THE FINISH FLOOR AND 6" 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" MINIMUM ABOVE THE FINISH FLOOR.



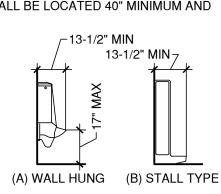
604.8.1.5 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-WALL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED AND SHALL BE LOCATED ON THE WALL CLOSEST TO THE WATER CLOSET. IN ADDITION, A REAR-WALL GRAB BAR COMPLYING WITH 604.5.2 SHALL BE PROVIDED.

604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL COMPLY 604.8.2. 604.8.2.1 SIZE. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60" MINIMUM AND A WIDTH OF 35" MINIMUM AND 37" MAXIMUM. 604.8.2.3 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-WALL GRAB BAR



604.8.3 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITH ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40" MINIMUM AND 48" MAXIMUM ABOVE THE FINISH FLOOR.

605 URINALS 605.1 GENERAL. URINALS SHALL COMPLY WITH 605. 605.2 HEIGHT AND DEPTH. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13-1/2" DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.

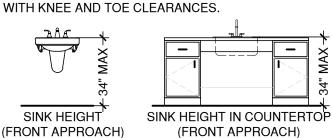


605.3 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. 605.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.

606 LAVATORIES AND SINKS 606.1 GENERAL. LAVATORIES AND SINKS SHALL COMPLY WITH 606. 606.2 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE COMPLYING WITH 305, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED. 606.3 HEIGHT. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE

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 SÚRFACES UNDER LAVATORIES AND SINKS. PIPE INSULATION/PROTECTION SHALL STILL COMPLY

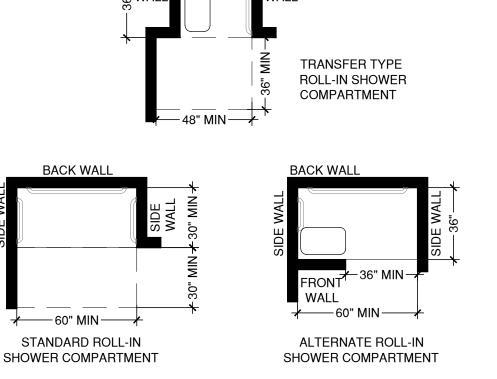
HIGHER OF THE RIM OR COUNTER SURFACE 34" MAXIMUM ABOVE THE FINISH FLOOR



SINK HEIGHT IN COUNTERTO (SIDE APPROACH)

608.1 GENERAL. SHOWER COMPARTMENTS SHALL COMPLY WITH 608. 608.2 SIZE. SIZE AND CLEARANCES FOR SHOWER COMPARTMENTS. SHOWER COMPARTMENTS SHALL HAVE SIZES AND CLEARANCES COMPLYING WITH 608.2. 608.2.1 TRANSFER TYPE SHOWER COMPARTMENTS. TRANSFER TYPE SHOWER COMPARTMENTS SHALL BE 36" BY 36" CLEAR INSIDE DIMENSIONS MEASURED AT THE CENTER POINTS AND FINISH FACE OF OPPOSING SIDES AND SHALL HAVE 36" WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER COMPARTMENT. CLEARANCE OF 36" WIDE MINIMUM BY 48" LONG MINIMUM MEASURED FROM THE CONTROL WALL SHALL BE

608.2.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 30" WIDE MINIMUM BY 60" DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT CENTER POINTS OF OPPOSING SIDES AND SHALL HAVE 60" WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER COMPARTMENT. 608.2.2.1 CLEARANCE. A 30" WIDE MINIMUM BY 60" LONG MINIMUM CLEARANCE SHALL BE PROVIDED ADJACENT TO THE OPEN FACE OF THE SHOWER COMPARTMENT. 608.2.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS. ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 36" WIDE AND 60" DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES. A 36" WIDE MINIMUM ENTRY SHALL BE PROVIDED AT ONE END OF THE LONG SIDE OF THE COMPARTMENT.

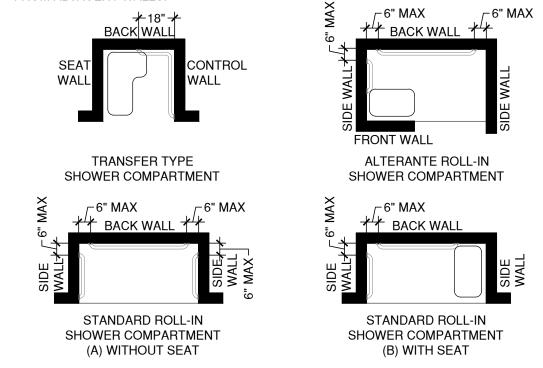


608.3 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609 AND SHALL BE PROVIDED IN ACCORDANCE WITH 608.3. WHERE MULTIPLE GRAB BARS ARE USED, REQUIRED HORIZONTAL GRAB BARS SHALL BE INSTALLED AT THE SAME HEIGHT ABOVE THE FINISH

608.3.1 TRANSFER TYPE SHOWER COMPARTMENTS. IN TRANSFER TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND BACK WALL TO A POINT 18" FROM THE CONTROL WALL.

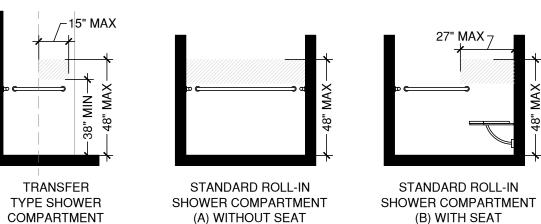
608.3.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. WHERE A SEAT IS PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THE BACK WALL AND THE SIDE WALL OPPOSITE THE SEAT. GRAB BARS SHALL NOT BE PROVIDED ABOVE THE SEAT. WHERE A SEAT IS NOT PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THREE WALLS. GRAB BARS SHALL BE INSTALLED 6" MAXIMUM FROM ADJACENT

608.3.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS. IN ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THE BACK WALL AND THE SIDE WALL FARTHEST FROM THE COMPARTMENT ENTRY. GRAB BARS SHALL NOT BE PROVIDED ABOVE THE SEAT. GRAB BARS SHALL BE INSTALLED 6 MAXIMUM FROM ADJACENT WALLS.

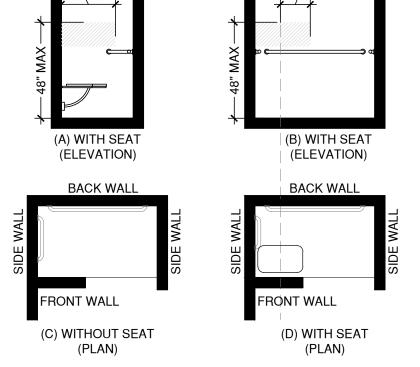


608.4 SEATS. A FOLDING OR NON-FOLDING SEAT SHALL BE PROVIDED IN TRANSFER TYPE SHOWER COMPARTMENTS. A FOLDING SEAT SHALL BE PROVIDED IN ROLL-IN TYPE SHOWERS REQUIRED IN TRANSIENT LODGING GUEST ROOMS WITH MOBILITY FEATURES COMPLYING WITH 806.2. SEATS SHALL COMPLY WITH 610. 608.5 CONTROLS. CONTROLS, FAUCETS, AND SHOWER SPRAY UNITS SHALL COMPLY WITH 309.4.

608.5.1 TRANSFER TYPE SHOWER COMPARTMENTS. IN TRANSFER TYPE SHOWER COMPARTMENTS, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON THE SIDE WALL OPPOSITE THE SEAT 38" MINIMUM AND 48" MAXIMUM ABOVE THE SHOWER FLOOR AND SHALL BE LOCATED ON THE CONTROL WALL 15" MAXIMUM FROM THE CENTERLINE OF THE SEAT TOWARD THE SHOWER OPENING. 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" 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" MAXIMUM FROM THE SEAT WALL.



608.5.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS. IN 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" 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" MAXIMUM FROM THE SIDE WALL BEHIND THE SEAT OR SHALL BE LOCATED ON THE BACK WALL OPPOSITE THE SEAT 15" MAXIMUM, LEFT OR RIGHT, OF THE CENTERLINE OF THE SEAT. WHERE A SEAT IS NOT PROVIDED, THE CONTROLS, FAUCETS, AND SHOWER 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" 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 MAXIMUM.

608.7 THRESHOLDS. THRESHOLDS IN ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE ½" HIGH MAXIMUM IN ACCORDANCE WITH 303. IN TRANSFER TYPE SHOWER COMPARTMENTS, THRESHOLDS 1/2" HIGH MAXIMUM SHALL BE BEVELED, ROUNDED, OR

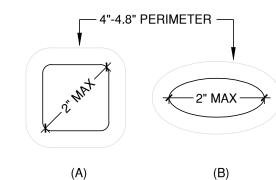
608.8 SHOWER ENCLOSURES. ENCLOSURES FOR SHOWER COMPARTMENTS SHALL NOT OBSTRUCT CONTROLS, FAUCETS, AND SHOWER SPRAY UNITS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO SHOWER SEATS.

609 GRAB BARS

609.1 GENERAL. GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL COMPLY WITH 609. 609.2 CROSS SECTION. GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH

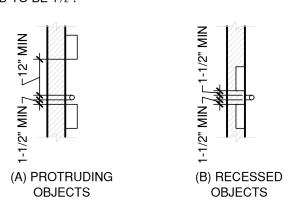
609.2.1 OR 609.2.2. 609.2.1 CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 11/4" MINIMUM AND 2" MAXIMUM.

609.2.2 NON-CIRCULAR CROSS SECTION. GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION DIMENSION OF 2" MAXIMUM AND A PERIMETER DIMENSION OF 4" MINIMUM AND 4.8" MAXIMUM.



HANDRAIL NON-CIRCULAR CROSS SECTION

609.3 SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 11/2". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 11/2" MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MINIMUM. EXCEPTION: THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 11/2".

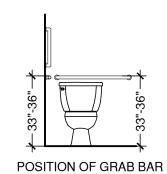


609.4 POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MINIMUM AND 36" MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE COMPLYING WITH 604.9, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18" MINIMUM AND 27" 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 O 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 FITTINGS. 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.

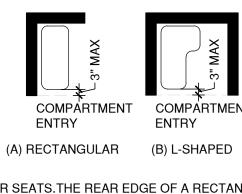
609.8 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.



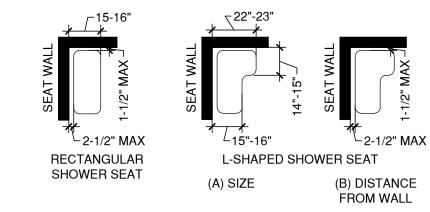
AT WATER CLOSETS

610.1 GENERAL. SEATS IN BATHTUBS AND SHOWER COMPARTMENTS SHALL COMPLY

610.3 SHOWER COMPARTMENT SEATS. WHERE A SEAT IS PROVIDED IN A 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" 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" OF THE COMPARTMENT ENTRY. IN TRANSFER-TYPE SHOWERS, THE SEAT SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3" OF THE COMPARTMENT ENTRY. THE TOP OF THE SEAT SHALL BE 17" MINIMUM AND 19" 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 21/2" MAXIMUM AND THE FRONT EDGE 15" MINIMUM AND 16" MAXIMUM FROM THE SEAT WALL. THE SIDE EDGE OF THE SEAT SHALL BE 11/2" MAXIMUM FROM THE ADJACENT WALL. 610.3.2 L-SHAPED SEATS. THE REAR EDGE OF AN L-SHAPED SEAT SHALL BE 2½" MAXIMUM AND THE FRONT EDGE 15" MINIMUM AND 16" MAXIMUM FROM THE SEAT WALL THE REAR EDGE OF THE L PORTION OF THE SEAT SHALL BE 11/2" MAXIMUM FROM THE WALL AND THE FRONT EDGE SHALL BE 14" MINIMUM AND 15" MAXIMUM FROM THE WALL. THE END OF THE L SHALL BE 22" MINIMUM AND 23" 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 IS APPLIED AT ANY POINT ON THE SEAT, FASTENER, MOUNTING DEVICE, OR SUPPORTING

CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES

701.1 SCOPE. THE PROVISIONS OF CHAPTER 7 SHALL APPLY WHERE REQUIRED BY CHAPTER 2 OR WHERE REFERENCED BY A REQUIREMENT IN THIS DOCUMENT.

702 FIRE ALARM SYSTEMS

702.1 GENERAL. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE, SEE REFERENCED STANDARDS IN CHAPTER 1) EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF AUDIBLE NOTIFICATION APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUND LEVEL NO MORE THAN 110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION, ALARMS IN GUEST ROOMS REQUIRED T PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4-4 OF NFPA 72 (1999 EDITION) OR SECTIONS 7.4 AND 7.5 OF NFPA 72 (2002 EDITION). EXCEPTION: FIRE ALARM SYSTEMS IN MEDICAL CARE FACILITIES SHALL BE PERMITTED TO BE PROVIDED IN ACCORDANCE WITH INDUSTRY PRACTICE.

703.1 GENERAL. SIGNS SHALL COMPLY WITH 703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED. EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

703.2 RAISED CHARACTERS. RAISED CHARACTERS SHALL COMPLY WITH 703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.4.

703.2.1 DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND.

703.2.2 CASE. CHARACTERS SHALL BE UPPERCASE.

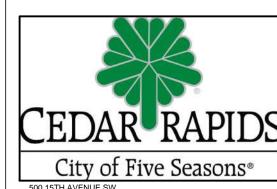
703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. 703.2.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER O IS 55% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER | | 703.2.5 CHARACTER HEIGHT. 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 LETTER I . EXCEPTION: WHERE SEPARATE RAISED AND VISUAL CHARACTERS WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1/2" MINIMUM.



703.2.6 STROKE THICKNESS. STROKE THICKNESS OF THE UPPERCASE LETTER I SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. 703.2.7 CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MINIMUM. 703.2.8 LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF

RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135% MINIMUM AND 17% MAXIMUM OF THE RAISED CHARACTER HEIGHT.



CEDAR RAPIDS, IA 52404 PH: (319) 286-5831



Issue & Revision Dates CITY REVIEW - UPDATE 04/05/2017 05/03/2017

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

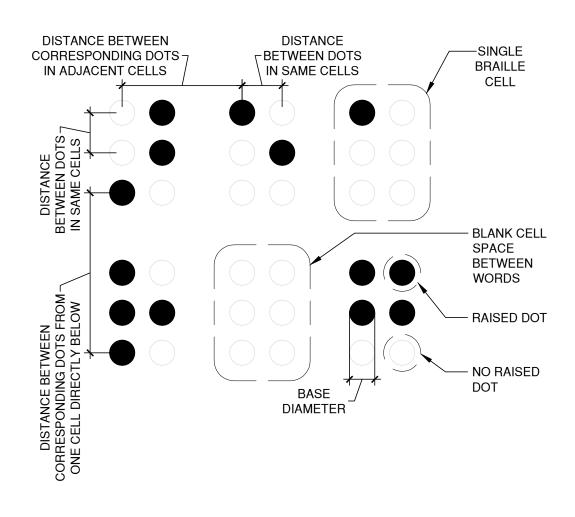
PROJECT #: G0025.R0682

101 1ST ST SE,

703.3 BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 703.3 AND 703.4. 703.3.1 DIMENSIONS AND CAPITALIZATION. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.

TABLE 703.3.1 BRAILLE DIMENSIONS		
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES	
DOT BASE DIAMETER	0.059 TO 0.063	
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	0.090 TO 0.100	
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	0.241 TO 0.300	
DOT HEIGHT	0.025 TO 0.037	
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 TO 0.400	
1 MEASURED CENTED TO CENTED	<u> </u>	

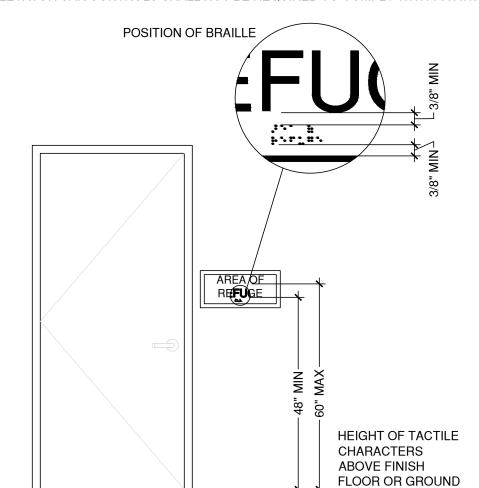
1. MEASURED CENTER TO CENTER



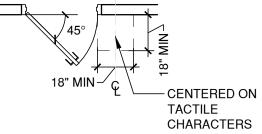
703.3.2 POSITION. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8" MINIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8" MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS. EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16" MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

703.4 INSTALLATION HEIGHT AND LOCATION. SIGNS WITH TACTILE CHARACTERS SHALL COMPLY WITH 703.4

703.4.1 HEIGHT ABOVE FINISH FLOOR OR GROUND. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. EXCEPTION: TACTILE CHARACTERS FOR ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH 703.4.1.



703.4.2 LOCATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MINIMUM BY 18" MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES



LOCATION OF TACTILE SIGNS AT DOORS

703.5 VISUAL CHARACTERS. VISUAL CHARACTERS SHALL COMPLY WITH 703.5. EXCEPTION: WHERE VISUAL CHARACTERS COMPLY WITH 703.2 AND ARE ACCOMPANIED BY BRAILLE COMPLYING WITH 703.3, THEY SHALL NOT BE REQUIRED TO COMPLY WITH

703.5.2 THROUGH 703.5.9. 703.5.1 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.

703.5.2 CASE. CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION 703.5.3 STYLE. CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL

703.5.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER O IS 55% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER | |

703.5.5 CHARACTER HEIGHT. MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TABLE 703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE UPPERCASE LETTER I .

TABLE 703.5.5 VISUAL CHARACTER HEIGHT			
HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HIEGHT	
40" TO LESS THAN OR EQUAL TO 70"	LESS THAN 72"	5/8"	
	72" AND GREATER	5/8", PLUS 1/8" PER FOOT OF VIEWING DISTANCE ABOVE 72"	
GREATER THAN 70" TO LESS THAN OR EQUAL TO 120"	LESS THAN 180"	2"	
	180" AND GREATER	2", PLUS 1/8" PER FOOT OF VIEWING DISTANCE ABOVE 180"	
ODEATED THAN 400"	LESS THAN 21'	3"	
GREATER THAN 120"	21' AND GREATER	3", PLUS 1/8" PER FOOT OF VIEWING DISTANCE ABOVE 21'	

703.5.6 HEIGHT FROM FINISH FLOOR OR GROUND. VISUAL CHARACTERS SHALL BE 40" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. EXCEPTION: VISUAL CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH

703.5.7 STROKE THICKNESS. STROKE THICKNESS OF THE UPPERCASE LETTER | | SHALL BE 10% MINIMUM AND 30% MAXIMUM OF THE HEIGHT OF THE CHARACTER. 703.5.8 CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT CHARACTERS, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10% MINIMUM AND 35% MAXIMUM OF CHARACTER HEIGHT.

703.5.9 LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF CHARACTERS WITHIN A MESSAGE SHALL BE 135% MINIMUM AND 170% MAXIMUM OF THE CHARACTER HEIGHT.

703.6 PICTOGRAMS. PICTOGRAMS SHALL COMPLY WITH 703.6. 703.6.1 PICTOGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. 703.6.2 FINISH AND CONTRAST. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS

PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. 703.6.3 TEXT DESCRIPTORS. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE

SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT

PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH 703.2, 703.3 AND 703.4.

703.7 SYMBOLS OF ACCESSIBILITY. SYMBOLS OF

ACCESSIBILITY SHALL COMPLY WITH 703.7. 703.7.1 FINISH AND CONTRAST. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND. 703.7.2 SYMBOLS.

703.7.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 703.7.2.1.

INTERNATIONAL SYMBOL OF **ACCESSIBILITY**

...

PICTOGRAM

MEN - NOT IN

PICTOGRAM

FIELD

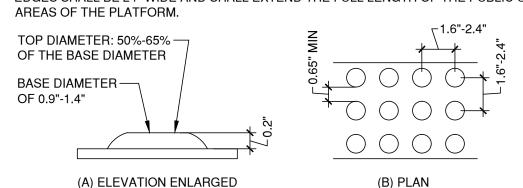
705 DETECTABLE WARNINGS

705.1 GENERAL. DETECTABLE WARNINGS SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES AND SHALL COMPLY WITH 705. 705.1.1 DOME SIZE. TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL

OF 50% OF THE BASE DIAMETER MINIMUM TO 65% OF THE BASE DIAMETER MAXIMUM, AND A HEIGHT OF 0.2". 705.1.2 DOME SPACING. TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A CENTER-TO-CENTER SPACING OF 1.6" MINIMUM AND 2.4" MAXIMUM, AND A BASE-TO-BASE SPACING OF 0.65" MINIMUM, MEASURED BETWEEN THE MOST

HAVE A BASE DIAMETER OF 0.9" MINIMUM AND 1.4" (36 MM) MAXIMUM, A TOP DIAMETER

ADJACENT DOMES ON A SQUARE GRID. 705.1.3 CONTRAST. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. 705.2 PLATFORM EDGES. DETECTABLE WARNING SURFACES AT PLATFORM BOARDING EDGES SHALL BE 24" WIDE AND SHALL EXTEND THE FULL LENGTH OF THE PUBLIC USE

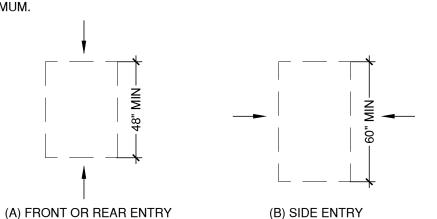


CHAPTER 8: SPECIAL ROOMS, SPACES, AND

801.1 SCOPE. THE PROVISIONS OF CHAPTER 8 SHALL APPLY WHERE REQUIRED BY CHAPTER 2 OR WHERE REFERENCED BY A REQUIREMENT IN THIS DOCUMENT. 802 WHEELCHAIR SPACES, COMPANION SEATS, AND DESIGNATED AISLE SEATS 802.1 WHEELCHAIR SPACES. WHEELCHAIR SPACES SHALL COMPLY WITH 802.1. 802.1.1 FLOOR OR GROUND SURFACE. THE FLOOR OR GROUND SURFACE OF WHEELCHAIR SPACES SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 802.1.2 WIDTH. A SINGLE WHEELCHAIR SPACE SHALL BE 36" WIDE MINIMUM WHERE TWO ADJACENT WHEELCHAIR SPACES ARE PROVIDED, EACH WHEELCHAIR SPACE SHALL BE 33" WIDE MINIMUM.



802.1.3 DEPTH. WHERE A WHEELCHAIR SPACE CAN BE ENTERED FROM THE FRONT OR REAR, THE WHEELCHAIR SPACE SHALL BE 48" DEEP MINIMUM. WHERE A WHEELCHAIR SPACE CAN BE ENTERED ONLY FROM THE SIDE, THE WHEELCHAIR SPACE SHALL BE 60" DEEP MINIMUM.



802.1.4 APPROACH. WHEELCHAIR SPACES SHALL ADJOIN ACCESSIBLE ROUTES. ACCESSIBLE ROUTES SHALL NOT OVERLAP WHEELCHAIR SPACES. 802.1.5 OVERLAP. WHEELCHAIR SPACES SHALL NOT OVERLAP CIRCULATION PATHS.

CHAPTER 9: BUILT-IN ELEMENTS

902 DINING SURFACES AND WORK SURFACES

MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

902.1 GENERAL. DINING SURFACES AND WORK SURFACES SHALL COMPLY WITH 902.2

902.2 CLEAR FLOOR OR GROUND SPACE. A CLEAR FLOOR SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

902.3 HEIGHT. THE TOPS OF DINING SURFACES AND WORK SURFACES SHALL BE 28" MINIMUM AND 34" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 902.4 DINING SURFACES AND WORK SURFACES FOR CHILDREN'S USE. ACCESSIBLE DINING SURFACES AND WORK SURFACES FOR CHILDREN'S USE SHALL COMPLY WITH 902.4. EXCEPTION: DINING SURFACES AND WORK SURFACES THAT ARE USED PRIMARILY BY CHILDREN 5 YEARS AND YOUNGER SHALL NOT BE REQUIRED TO COMPLY WITH 902.4 WHERE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305

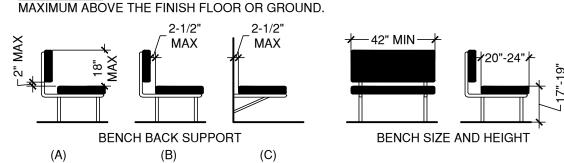
POSITIONED FOR A PARALLEL APPROACH IS PROVIDED. 902.4.1 CLEAR FLOOR OR GROUND SPACE. A CLEAR FLOOR SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED, EXCEPT THAT KNEE CLEARANCE 24" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SHALL BE PERMITTED. 902.4.2 HEIGHT. THE TOPS OF TABLES AND COUNTERS SHALL BE 26" MINIMUM AND 30"

903 BENCHES

903.1 GENERAL. BENCHES SHALL COMPLY WITH 903. 903.2 CLEAR FLOOR OR GROUND SPACE. CLEAR FLOOR OR GROUND SPACE

COMPLYING WITH 305 SHALL BE PROVIDED AND SHALL BE POSITIONED AT THE END OF THE BENCH SEAT AND PARALLEL TO THE SHORT AXIS OF THE BENCH. 903.3 SIZE. BENCHES SHALL HAVE SEATS THAT ARE 42" LONG MINIMUM AND 20" DEEP MINIMUM AND 24" DEEP MAXIMUM.

903.4 BACK SUPPORT. THE BENCH SHALL PROVIDE FOR BACK SUPPORT OR SHALL BE AFFIXED TO A WALL. BACK SUPPORT SHALL BE 42" LONG MINIMUM AND SHALL EXTEND FROM A POINT 2" MAXIMUM ABOVE THE SEAT SURFACE TO A POINT 18" MINIMUM ABOVE THE SEAT SURFACE. BACK SUPPORT SHALL BE 21/2" MAXIMUM FROM THE REAR EDGE OF THE SEAT MEASURED HORIZONTALLY. 903.5 HEIGHT. THE TOP OF THE BENCH SEAT SURFACE SHALL BE 17" MINIMUM AND 19"



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

903.7 WET LOCATIONS. WHERE INSTALLED IN WET LOCATIONS, THE SURFACE OF THE SEAT SHALL BE SLIP RESISTANT AND SHALL NOT ACCUMULATE WATER.

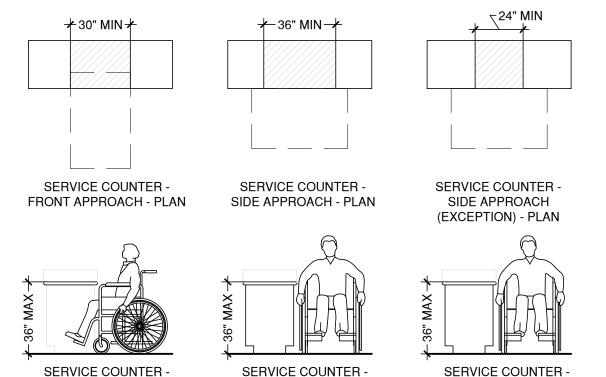
904 CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS 904.1 GENERAL. CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS SHALL

APPROACH TO THE COUNTER.

FRONT APPROACH - SIDE

COMPLY WITH THE APPLICABLE REQUIREMENTS OF 904. 904.4 SALES AND SERVICE COUNTERS. SALES COUNTERS AND SERVICE COUNTERS SHALL COMPLY WITH 904.4.1 OR 904.4.2. THE ACCESSIBLE PORTION OF THE COUNTER TOP SHALL EXTEND THE SAME DEPTH AS THE SALES OR SERVICE COUNTER TOP. EXCEPTION: IN ALTERATIONS, WHEN THE PROVISION OF A COUNTER COMPLYING WITH 904.4 WOULD RESULT IN A REDUCTION OF THE NUMBER OF EXISTING COUNTERS AT WORK STATIONS OR A REDUCTION OF THE NUMBER OF EXISTING MAIL BOXES, THE COUNTER SHALL BE PERMITTED TO HAVE A PORTION WHICH IS 24" LONG MINIMUM COMPLYING WITH 904.4.1 PROVIDED THAT THE REQUIRED CLEAR FLOOR OR GROUND SPACE IS CENTERED ON THE ACCESSIBLE LENGTH OF THE COUNTER. 904.4.1 PARALLEL APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 36" LONG MINIMUM AND 36" HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 SHALL BE POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE 36" MINIMUM LENGTH OF COUNTER. EXCEPTION: WHERE THE PROVIDED COUNTER SURFACE IS LESS THAN 36" LONG, THE ENTIRE COUNTER SURFACE SHALL BE 36" HIGH MAXIMUM ABOVE THE FINISH FLOOR. 904.4.2 FORWARD APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 30" LONG MINIMUM AND 36" HIGH MAXIMUM SHALL BE PROVIDED. KNEE AND TOE SPACE COMPLYING WITH 306 SHALL BE PROVIDED UNDER THE COUNTER. A CLEAR FLOOR OR

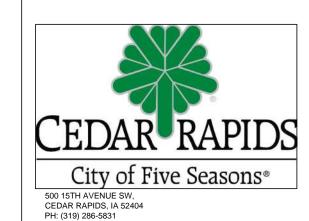
GROUND SPACE COMPLYING WITH 305 SHALL BE POSITIONED FOR A FORWARD



SIDE APPROACH - SIDE

SIDE APPROACH

(EXCEPTION) - SIDE



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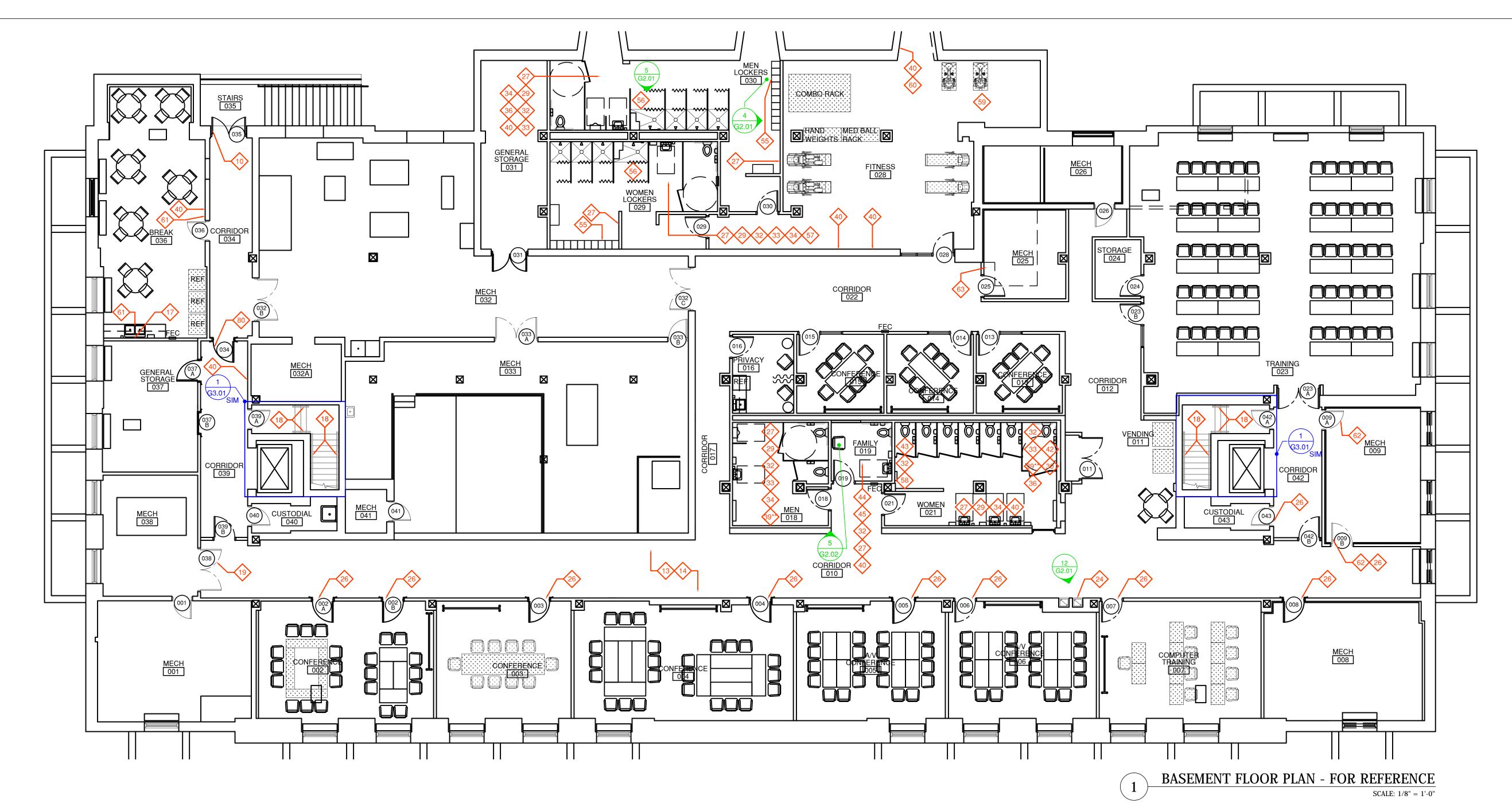
FAX: (319) 378-1975

CEDAR RAPIDS CITY SERVICES CENTER ADA COMPLIANCE WORK 500 15th AVENUE SW,

PROJECT #: G0025.R0682

CEDAR RAPIDS, IA 52404

Date No. TE 04/05/2017
TE 04/05/2017
05/03/2017
05/03/2017



- NOT USED

 NOT USED
- NOT USED
- 4 NOT USED
- NOT USED
- 6 NOT USED
- 7 NOT USED
- 8 NOT USED
 9 NOT USED
- A. REPLACE EXISTING DOUBLE DOOR AND FRAME WITH SINGLE DOOR. SEE DETAIL 10/G3.01.
- A. INSTALL POWER DOOR OPENER WHICH OPENS BOTH SETS OF DOORS SIMULTANEOUSLY AND KEEPING THEM OPEN FOR AN ADEQUATE AMOUNT OF TIME. (404.2.6)
- NOT USED
- A. VERIFY 5 LBF TO OPEN ALL DOORS. SHOULD DOOR EXCEED 5 LBF, ADJUST DOOR CLOSER SO LBF TO OPEN DOOR IS LESS THAN 5.*
- A. VERIFY CLOSING SPEED ON ALL DOORS. SHOULD DOOR CLOSING SPEED EXCEED 5 SEC FROM 90 DEGREES TO 12 DEGREES, ADJUST DOOR CLOSING SPEED.* (404.2.8.1)
- A. REPLACE VISIBLE SIGNALS WITH ONES THAT ARE 2.5" MIN IN ITS SMALLEST DIMENSION.
 B. PROGRAM ELEVATOR CAR SIGNALS TO CHIME ONCE FOR UP AND TWICE FOR DOWN.
 C. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.
- A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.

 B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX.

 C. REPLACE HARDWARE ON COMMUNICATION BOX WITH ONE THAT DOES NOT REQUIRE TIGHT PINCH OR GRASP.
- A. LOWER SOAP DISPENSER AND/OR PAPER TOWEL DISPENSER SO OPERABLE PARTS ARE MAXIMUM 44" AFF. SEE DETAIL 8/G2.01.

- A. PROVIDE NEW ADA COMPLIANT HANDRAIL. SEE PHOTO DETAIL 7/G2.01 & DETAIL 1/G3.01. (505)
- WITH DOORS THAT ARE 36" WIDE EACH. (404.2.3)

 A. LOWER PROTRUDING OBJECT SO BOTTOM IS 27" MAX AFF. SEE

A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME

HARDWARE. SEE PHOTO DETAIL 18/G2.01 FOR REFERENCE. (404.2.7)

- PHOTO DETAIL 10/G2.01. (307.2)

 A. REPLACE EXISTING DOOR HARDWARE WITH ADA COMPLIANT
- A. RELOCATE DOOR AND FRAME SO LATCH SIDE EDGE OF DOOR IS 12" MIN FROM OBSTACLE ON PUSH SIDE & 18" MIN FROM OBSTACLE ON PULL SIDE.
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602)
 B. REMOVE EXISTING HALF WALL AND REPLACE WITH TWO OTHER HALF WALLS. (307.2)
- A. REPLACE DRINKING FOUNTAINS WITH COMBINATION WATER FOUNTAIN AND BOTTLE FILLER. SEE PHOTO DETAIL 12/G2.01. (602)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE SAME SIDE OF DOOR. SEE PHOTO DETAIL 14/G2.01 FOR REFERENCE.
- A. ADD TRANSITION STRIP TO CORRECT CHANGE IN HEIGHT. SEE DETAIL 11/G3.01. (303)
- A. REMOUNT MIRROR SO REFLECTIVE SURFACE IS MAX 40" AFF. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE. (603.3)
- A. SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION FOR SINK. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE.
- A. LOWER SHARPS BOX AND SHELF SO HIGHEST OPERABLE PART IS AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1)
- AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1)

 A. MODIFY AND/OR ADJUST ACCESSIBLE STALL DOOR TO BE
- A. REPLACE TOILET SEAT IN HANDICAP STALL WITH ONE THAT WILL PUT THE HEIGHT OF THE HANDICAP TOILET AT 17"-19" AFF. (604.4)

SELF-CLOSING. (604.8.1.2)

A. REMOUNT TOILET PAPER DISPENSER SO DISPENSER IS 7"-9"
FROM THE FRONT OF THE TOILET AND 1.5" MIN BELOW THE GRAB
BAR AND MIN 15" AFF. (604.7)

- A. REPLACE ACCESSIBLE STALL HARDWARE WITH HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW SHELF AND SHARPS BOX. SEE DETAIL 9/G3.01. (307.2)
- A. LOWER URINAL SO THAT THE RIM HEIGHT IS MAX 17" AFF. REFER TO ADA DETAIL ON SHEET G0.01. (605.2)
- A. PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM FACE OF WALL. WHEN TOILET IS MOVED, REMOUNT REAR GRAB BAR SO GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL) AND 24" TO THE OTHER SIDE OF THE CENTERLINE AND 33"-36" AFF (AWAY FROM SIDE WALL. (604.2)
- A. REMOVE AND REPLACE COPPER PIPING TO ALLOW REAR WALL GRAB TO BE MOUNTED PROPERLY. SEE PHOTO DETAIL 15/G2.01 FOR
- REFERENCE. (609.3)

 B. REMOUNT REAR GRAB BAR BEHIND TOILET SO THAT THE GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL), 24" TO THE OTHER SIDE OF THE CENTER (AWAY FROM SIDE WALL), AND 33"-36" AFF. (604.5.2)
- A. REPLACE TOILET TANK WITH ONE THAT HAS THE FLUSH CONTROL ON THE OPEN SIDE OF THE TOILET. (604.6)
- A. PROVIDE NEW PILASTERS AND REHANG ACCESSIBLE STALL DOOR OUTWARD AND TO BE MAX 4" FROM ADJACENT STALL WALL FARTHEST FROM TOILET. CONTRACTOR OPTION: REPLACE DOOR AND BOTH PILASTERS AND NEW HARDWARE.** (604.8.1.2)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW PROTRUDING
 OBJECT. REFER TO DETAIL 9/G3.01. SEE PHOTO DETAIL 9/G2.01 FOR
- LOWER HOOK IN ACCESSIBLE STALL SO TOP OF HOOK IS MAX 48" AFF. (603.4)
- A. REMOUNT REAR GRAB BAR SO IT IS LOCATED SUCH THAT IT EXTENDS FROM THE CENTERLINE OF THE TOILET 12" MIN TO ONE SIDE AND 24" TO THE OTHER. (604.5.2, 609.4)
- A. MODIFY AND/OR ADJUST AMBULATORY STALL DOOR SUCH THAT IT IS SELF CLOSING. (604.8.1.2)
- A. RELOCATE BABY CHANGING TABLE TO ADJACENT WALL. SEE PHOTO DETAIL 5/G2.02 FOR REFERENCE. (604.3.1)
 B. REMOUNT SIDE WALL GRAB BAR TO PROPER ADA DIMENSIONS. SEE ADA DETAIL ON SHEET G0.01. (604.5.1)

- A. RELOCATE HAND DRYER TO BE OUT OF CLEAR FLOOR SPACE AROUND TOILET. (604.3.1)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. PROVIDE SIDELIGHT IN DOOR WITH BOTTOM OF SIDELIGHT AT 43" AFF. (404.2.3, 404.2.11)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (404.2.4)
 B. RELOCATE CUBICLE AND FURNITURE TO CREATE 36" ACCESS AISLE TO DESK AREA. REFER TO DETAIL 7/G3.01. (403.5.1)
- A. REMOVE CENTRAL CABINETS AND SOLID SURFACE COUNTER.
 REPLACE WITH NEW BASE CABINETS & SOLID SURFACE COUNTER.
 B. RELOCATE PRINTER AND FRIDGE PER DETAIL 7/G3.01. (403.5.1)
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602.4, 602.7)

 A. REMOVE AND REPLACE DOOR WITH NEW DOOR THAT HAS A SIDE
- LIGHT 43" MAX AFF. (404.2.11)

 A. RELOCATE RECEPTION DESK TO ALLOW 36" ACCESS AISLE

AROUND DESK. (403.5.1)

- A. CUT BACK SOLID SURFACE COUNTER SO EDGE OF COUNTER IS 12" MIN FROM EDGE OF DOOR.
- A. MOVE BASE CABINETS AWAY FROM DOOR SO EDGE OF CABINET IS 12" MIN FROM EDGE OF DOOR. (404.2.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW HAND DRYER & TAMPON DISPENSER. SEE DETAIL 9/G3.01 FOR REFERENCE. (307.2)
- A. DESIGNATE LOCKER AS ACCESSIBLE WITH PROPER SIGNAGE. VERIFY PROPER MOUNTING HEIGHTS OF OPERATING MECHANISMS. (703)
- A. PROVIDE GRAB BARS IN ACCESSIBLE SHOWER ON ALL SIDES. SEE DETAIL 5/G2.01. (608.3)
 B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- A. LOWER SINK SO TOP OF SINK RIM IS 34' AFF. (606.3)
- A. REPLACE AMBULATORY STALL DOOR HARDWARE W/ HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- MIN AFF. (307.4)

 A. LOWER OBJECT SO OPERABLE PARTS ARE MAX 48" AFF. (308.2.1)

A. RELOCATE PIPING SUCH THAT CLEARANCE UNDER PIPING IS 80"

- A. LOWER COUNTER AND SINK SO THAT TOP OF SINK RIM IS MAX 34"
 AFF. MAINTAIN PROPER TOE AND KNEE CLEARANCE. (606.3)
- A. REMOVE & REPLACE EXISTING DOOR AND FRAME WITH 36" DOOR. USE SAME MATERIALS AND CONSTRUCTION AS EXISTING. (404.2.3)
- A. RELOCATE PIPING SO IT PROVIDES PROPER PULL SIDE CLEARANCE OF 18". (404.2.4)
- A. CORRECT CHANGE IN LEVEL WITH METAL TRANSITION STRIP. SEE DETAIL 1/G2.02. (303)
- A. LOWER THERMOSTAT SO HIGHEST OPERABLE PART IS MAX 48"
 AFF. (308.2.1)

 A. RELOCATE THERMOSTAT AND MOUNT SUCH THAT THE HIGHEST
- OPERABLE PART IS MAX 48" AFF. (308.2.1, 305.3, 305.6)

 A. LOWER HOOK ON COAT RACK SO TOP OF HOOK IS MAX 48" AFF.
- A. REPLACE TABLE WITH TABLE OF THE SAME CONSTRUCTION AND WITH PROPER KNEE AND TOE CLEARANCE. (306.2, 306.3)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (904.4)
- A. INSTALL DETECTABLE WARNING STRIP ON TOP TREAD OF STAIRWAY. (705)
- A. CUT BACK EXISTING WALL TO ALLOW FOR 36" WIDE OPENING FOR ACCESS. (403.5.1)
- A. REMOVE EXISTING WALLS AND CAREFULLY REMOVE AND SALVAGE EXISTING VAULT DOOR.

 B. REINSTALL NEW WALLS AND REINSTALL SALVAGED DOOR. SEE DETAIL 12/G3.01. (404.2.4)
- A. RELOCATE CUBICLE AND FURNITURE TO ALLOW FOR 36" MIN WIDE ACCESS AISLE AND/OR 36" MIN ACCESS WIDTH TO CUBICLE.
- A. RELOCATE CUBICLE FURNITURE AND PRINTER. (403.5.1)
 B. REPLACE SOLID SURFACE TRANSITION COUNTER. SEE DETAIL
 8/G3.01. (904.4)
 C. REPLACE BASE CABINETS AND SOLID SURFACE COUNTER. SEE
 DETAIL 8/G3.01. (403.5.1)

A. CUT MAILBOX ELEMENT BACK BY ONE COLUMN. (404.2.4)
B. CUT BACK SOLID SURFACE COUNTER TO ALLOW FOR PROPER

- DOOR CLEARANCE. (404.2.4)

 A. CUT SOLID SURFACE COUNTER BACK TO ALLOW FOR PROPER
- DOOR CLEARANCE. (404.2.4)

 A. REMOVE AND REPLACE PARTITION WALL.

 B. MOVE CURIOLE SO PARTITION WALL IS RETWEEN CURIOLE AND
- B. MOVE CUBICLE SO PARTITION WALL IS BETWEEN CUBICLE AND WALL TO ALLOW FOR PROPER DOOR CLEARANCE OF 18". (404.2.4)

A. MOVE CUBICLE/FURNITURE TO ALLOW FOR PROPER

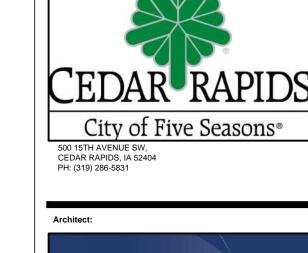
- MANEUVERING CLEARANCE. (404.2.4)

 A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN
- OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN HISTORIC FEATURE. AS A PRECAUTION, REFER TO OWNER'S REPRESENTATIVE AND ARCHITECT BEFORE STARTING THIS TASK.
 - *APPLIES TO ALL CORRIDOR DOORS.

 **MARBLE PARTITIONS SHALL BE CUT AND MADE FROM OWNER'S
 SALVAGED AND AVAILABLE MATERIALS

Drawing
BASEMENT FLOOR REFERENCE PLAN

G1.01



Ament

625 32ND AVENUE SW CEDAR RAPIDS, IOWA 52404

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Issue & Revision Dates

CITY REVIEW

FINAL CITY REVIEW

CITY REVIEW - UDPATE 04/05/2017

01/20/2017

02/23/2017

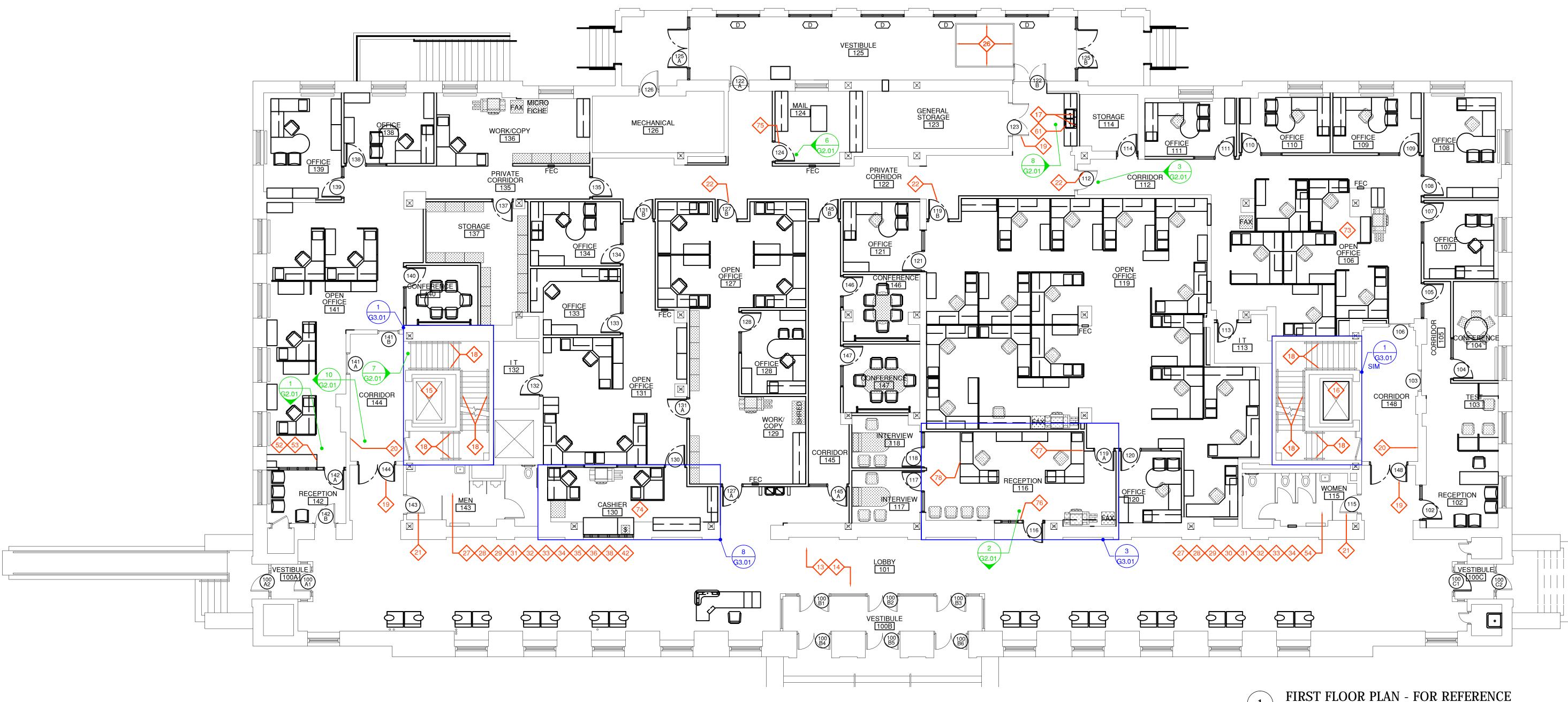
03/24/2017

05/03/2017

REVIEW

BID SET

PH: (319) 378-1401 FAX: (319) 378-1975



NOT USED

A. REPLACE EXISTING DOUBLE DOOR AND FRAME WITH SINGLE

DOOR. SEE DETAIL 10/G3.01.

A. INSTALL POWER DOOR OPENER WHICH OPENS BOTH SETS OF

DOORS SIMULTANEOUSLY AND KEEPING THEM OPEN FOR AN ADEQUATE AMOUNT OF TIME. (404.2.6)

12 NOT USED

A. VERIFY 5 LBF TO OPEN ALL DOORS. SHOULD DOOR EXCEED 5 LBF, ADJUST DOOR CLOSER SO LBF TO OPEN DOOR IS LESS THAN 5.*

(404.2.9)

A. VERIFY CLOSING SPEED ON ALL DOORS. SHOULD DOOR CLOSING SPEED EXCEED 5 SEC FROM 90 DEGREES TO 12 DEGREES, ADJUST DOOR CLOSING SPEED.* (404.2.8.1)

A. REPLACE VISIBLE SIGNALS WITH ONES THAT ARE 2.5" MIN IN ITS SMALLEST DIMENSION.

B. PROGRAM ELEVATOR CAR SIGNALS TO CHIME ONCE FOR UP AND TWICE FOR DOWN.

C. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.

A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.

B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX.

A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.

B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX.

C. REPLACE HARDWARE ON COMMUNICATION BOX WITH ONE THAT DOES NOT REQUIRE TIGHT PINCH OR GRASP.

A. LOWER SOAP DISPENSER AND/OR PAPER TOWEL DISPENSER SO
OPERABLE PARTS ARE MAXIMUM 44" AFF. SEE DETAIL 8/G2.01.
(408,2,2)

- A. PROVIDE NEW ADA COMPLIANT HANDRAIL. SEE PHOTO DETAIL 7/G2.01 & DETAIL 1/G3.01. (505)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. (404.2.3)

 A. LOWER PROTRUDING OBJECT SO BOTTOM IS 27" MAX AFF. SEE
- PHOTO DETAIL 10/G2.01. (307.2)

 A. REPLACE EXISTING DOOR HARDWARE WITH ADA COMPLIANT HARDWARE. SEE PHOTO DETAIL 18/G2.01 FOR REFERENCE. (404.2.7)
- A. RELOCATE DOOR AND FRAME SO LATCH SIDE EDGE OF DOOR IS 12" MIN FROM OBSTACLE ON PUSH SIDE & 18" MIN FROM OBSTACLE ON PULL SIDE.
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602)
 B. REMOVE EXISTING HALF WALL AND REPLACE WITH TWO OTHER HALF WALLS. (307.2)
- A. REPLACE DRINKING FOUNTAINS WITH COMBINATION WATER FOUNTAIN AND BOTTLE FILLER. SEE PHOTO DETAIL 12/G2.01. (602)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE SAME SIDE OF DOOR. SEE PHOTO DETAIL 14/G2.01 FOR REFERENCE.
- A. ADD TRANSITION STRIP TO CORRECT CHANGE IN HEIGHT. SEE DETAIL 11/G3.01. (303)
- A. REMOUNT MIRROR SO REFLECTIVE SURFACE IS MAX 40" AFF. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE. (603.3)
- A. SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION FOR SINK. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE.
- A. LOWER SHARPS BOX AND SHELF SO HIGHEST OPERABLE PART IS AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1)
- A. MODIFY AND/OR ADJUST ACCESSIBLE STALL DOOR TO BE SELF-CLOSING. (604.8.1.2)
- PUT THE HEIGHT OF THE HANDICAP TOILET AT 17"-19" AFF. (604.4)

 A. REMOUNT TOILET PAPER DISPENSER SO DISPENSER IS 7"-9"
 FROM THE FRONT OF THE TOILET AND 1.5" MIN BELOW THE GRAB

BAR AND MIN 15" AFF. (604.7)

A. REPLACE TOILET SEAT IN HANDICAP STALL WITH ONE THAT WILL

- A. REPLACE ACCESSIBLE STALL HARDWARE WITH HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW SHELF AND SHARPS BOX. SEE DETAIL 9/G3.01. (307.2)
- A. LOWER URINAL SO THAT THE RIM HEIGHT IS MAX 17" AFF. REFER TO ADA DETAIL ON SHEET G0.01. (605.2)
- A. PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM FACE OF WALL. WHEN TOILET IS MOVED, REMOUNT REAR GRAB BAR SO GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL) AND 24" TO THE OTHER SIDE OF THE CENTERLINE AND 33"-36" AFF (AWAY FROM SIDE WALL. (604.2)
- A. REMOVE AND REPLACE COPPER PIPING TO ALLOW REAR WALL GRAB TO BE MOUNTED PROPERLY. SEE PHOTO DETAIL 15/G2.01 FOR REFERENCE. (609.3)
- B. REMOUNT REAR GRAB BAR BEHIND TOILET SO THAT THE GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL), 24" TO THE OTHER SIDE OF THE CENTER (AWAY FROM SIDE WALL), AND 33"-36" AFF. (604.5.2)
- A. REPLACE TOILET TANK WITH ONE THAT HAS THE FLUSH CONTROL ON THE OPEN SIDE OF THE TOILET. (604.6)

 A. PROVIDE NEW PILASTERS AND REHANG ACCESSIBLE STALL DOOR
- OUTWARD AND TO BE MAX 4" FROM ADJACENT STALL WALL FARTHEST FROM TOILET. CONTRACTOR OPTION: REPLACE DOOR AND BOTH PILASTERS AND NEW HARDWARE.** (604.8.1.2)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW PROTRUDING OBJECT. REFER TO DETAIL 9/G3.01. SEE PHOTO DETAIL 9/G2.01 FOR REFERENCE. (307.2)
- LOWER HOOK IN ACCESSIBLE STALL SO TOP OF HOOK IS MAX 48" AFF. (603.4)
- A. REMOUNT REAR GRAB BAR SO IT IS LOCATED SUCH THAT IT EXTENDS FROM THE CENTERLINE OF THE TOILET 12" MIN TO ONE SIDE AND 24" TO THE OTHER. (604.5.2, 609.4)
- A. MODIFY AND/OR ADJUST AMBULATORY STALL DOOR SUCH THAT IT IS SELF CLOSING. (604.8.1.2)
- A. RELOCATE BABY CHANGING TABLE TO ADJACENT WALL. SEE PHOTO DETAIL 5/G2.02 FOR REFERENCE. (604.3.1)
 B. REMOUNT SIDE WALL GRAB BAR TO PROPER ADA DIMENSIONS. SEE ADA DETAIL ON SHEET G0.01. (604.5.1)

- A. RELOCATE HAND DRYER TO BE OUT OF CLEAR FLOOR SPACE AROUND TOILET. (604.3.1)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. PROVIDE SIDELIGHT IN DOOR WITH BOTTOM OF SIDELIGHT AT 43" AFF. (404.2.3, 404.2.11)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (404.2.4)

 B. RELOCATE CUBICLE AND FURNITURE TO CREATE 36" ACCESS AISLE TO DESK AREA. REFER TO DETAIL 7/G3.01. (403.5.1)
- A. REMOVE CENTRAL CABINETS AND SOLID SURFACE COUNTER.
 REPLACE WITH NEW BASE CABINETS & SOLID SURFACE COUNTER.
 B. RELOCATE PRINTER AND FRIDGE PER DETAIL 7/G3.01. (403.5.1)
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602.4, 602.7)

 A. REMOVE AND REPLACE DOOR WITH NEW DOOR THAT HAS A SIDE
- LIGHT 43" MAX AFF. (404.2.11)

 A. RELOCATE RECEPTION DESK TO ALLOW 36" ACCESS AISLE AROUND DESK. (403.5.1)
- A. CUT BACK SOLID SURFACE COUNTER SO EDGE OF COUNTER IS 12" MIN FROM EDGE OF DOOR.
- A. MOVE BASE CABINETS AWAY FROM DOOR SO EDGE OF CABINET IS 12" MIN FROM EDGE OF DOOR. (404.2.4)
- TAMPON DISPENSER. SEE DETAIL 9/G3.01 FOR REFERENCE. (307.2)

 A. DESIGNATE LOCKER AS ACCESSIBLE WITH PROPER SIGNAGE. VERIFY PROPER MOUNTING HEIGHTS OF OPERATING MECHANISMS.

A. PROVIDE CANE DETECTABLE METAL BOX BELOW HAND DRYER &

- A. PROVIDE GRAB BARS IN ACCESSIBLE SHOWER ON ALL SIDES. SEE
- DETAIL 5/G2.01. (608.3)

 B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- A. LOWER SINK SO TOP OF SINK RIM IS 34' AFF. (606.3)

 A. REPLACE AMBULATORY STALL DOOR HARDWARE W/ HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. RELOCATE PIPING SUCH THAT CLEARANCE UNDER PIPING IS 80" MIN AFF. (307.4)

 A. LOWER OBJECT SO OPERABLE PARTS ARE MAX 48" AFF. (308.2.1)

- A. LOWER COUNTER AND SINK SO THAT TOP OF SINK RIM IS MAX 34" AFF. MAINTAIN PROPER TOE AND KNEE CLEARANCE. (606.3)
- A. REMOVE & REPLACE EXISTING DOOR AND FRAME WITH 36" DOOR. USE SAME MATERIALS AND CONSTRUCTION AS EXISTING. (404.2.3)
- A. RELOCATE PIPING SO IT PROVIDES PROPER PULL SIDE CLEARANCE OF 18". (404.2.4)

A. CORRECT CHANGE IN LEVEL WITH METAL TRANSITION STRIP. SEE

- DETAIL 1/G2.02. (303)

 A. LOWER THERMOSTAT SO HIGHEST OPERABLE PART IS MAX 48"
- AFF. (308.2.1)

 A. RELOCATE THERMOSTAT AND MOUNT SUCH THAT THE HIGHEST OPERABLE PART IS MAX 48" AFF. (308.2.1, 305.3, 305.6)
- A. LOWER HOOK ON COAT RACK SO TOP OF HOOK IS MAX 48" AFF.
- A. REPLACE TABLE WITH TABLE OF THE SAME CONSTRUCTION AND WITH PROPER KNEE AND TOE CLEARANCE. (306.2, 306.3)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (904.4)
- A. INSTALL DETECTABLE WARNING STRIP ON TOP TREAD OF STAIRWAY. (705)

 A. CUT BACK EXISTING WALL TO ALLOW FOR 36" WIDE OPENING FOR
- A. REMOVE EXISTING WALLS AND CAREFULLY REMOVE AND SALVAGE EXISTING VAULT DOOR.
 B. REINSTALL NEW WALLS AND REINSTALL SALVAGED DOOR. SEE
- A. RELOCATE CUBICLE AND FURNITURE TO ALLOW FOR 36" MIN WIDE ACCESS AISLE AND/OR 36" MIN ACCESS WIDTH TO CUBICLE.

DETAIL 12/G3.01. (404.2.4)

A. RELOCATE CUBICLE FURNITURE AND PRINTER. (403.5.1)
B. REPLACE SOLID SURFACE TRANSITION COUNTER. SEE DETAIL
8/G3.01. (904.4)
C. REPLACE BASE CABINETS AND SOLID SURFACE COUNTER. SEE
DETAIL 8/G3.01. (403.5.1)



PH: (319) 378-1401 FAX: (319) 378-1975

City of Five Seasons®

Project

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

101 1ST ST SE,

Issue & Revision Dates

CITY REVIEW

FINAL CITY REVIEW

CITY REVIEW - UPDATE 04/05/2017

01/20/2017

02/23/2017

03/24/2017

05/03/2017

REVIEW

BID SET

PROJECT # : G0025.R0682

CEDAR RAPIDS, IA 52401

A. CUT MAILBOX ELEMENT BACK BY ONE COLUMN. (404.2.4)
B. CUT BACK SOLID SURFACE COUNTER TO ALLOW FOR PROPER

A. CUT SOLID SURFACE COUNTER BACK TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)

DOOR CLEARANCE. (404.2.4)

A. REMOVE AND REPLACE PARTITION WALL.

B. MOVE CUBICLE SO PARTITION WALL IS BETWEEN CUBICLE AND WALL TO ALLOW FOR PROPER DOOR CLEARANCE OF 18". (404.2.4)

A. MOVE CUBICLE/FURNITURE TO ALLOW FOR PROPER MANEUVERING CLEARANCE. (404.2.4)

A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN HISTORIC FEATURE. AS A PRECAUTION, REFER TO OWNER'S REPRESENTATIVE AND ARCHITECT BEFORE STARTING THIS TASK.

*APPLIES TO ALL CORRIDOR DOORS.

**MARBLE PARTITIONS SHALL BE CUT AND MADE FROM OWNER'S SALVAGED AND AVAILABLE MATERIALS

Drawing
FIRST FLOOR REFERENCE PLAN

G102



NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED NOT USED

NOT USED

NOT USED

- A. REPLACE EXISTING DOUBLE DOOR AND FRAME WITH SINGLE DOOR. SEE DETAIL 10/G3.01.
- A. INSTALL POWER DOOR OPENER WHICH OPENS BOTH SETS OF DOORS SIMULTANEOUSLY AND KEEPING THEM OPEN FOR AN ADEQUATE AMOUNT OF TIME. (404.2.6)
- NOT USED
- A. VERIFY 5 LBF TO OPEN ALL DOORS. SHOULD DOOR EXCEED 5 LBF, ADJUST DOOR CLOSER SO LBF TO OPEN DOOR IS LESS THAN 5.*
- A. VERIFY CLOSING SPEED ON ALL DOORS. SHOULD DOOR CLOSING SPEED EXCEED 5 SEC FROM 90 DEGREES TO 12 DEGREES, ADJUST DOOR CLOSING SPEED.* (404.2.8.1)
- A. REPLACE VISIBLE SIGNALS WITH ONES THAT ARE 2.5" MIN IN ITS SMALLEST DIMENSION. B. PROGRAM ELEVATOR CAR SIGNALS TO CHIME ONCE FOR UP AND TWICE FOR DOWN. C. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.
- A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR. B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX. C. REPLACE HARDWARE ON COMMUNICATION BOX WITH ONE THAT DOES NOT REQUIRE TIGHT PINCH OR GRASP.
- A. LOWER SOAP DISPENSER AND/OR PAPER TOWEL DISPENSER SO OPERABLE PARTS ARE MAXIMUM 44" AFF. SEE DETAIL 8/G2.01.

- A. PROVIDE NEW ADA COMPLIANT HANDRAIL. SEE PHOTO DETAIL 7/G2.01 & DETAIL 1/G3.01. (505)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. (404.2.3) A. LOWER PROTRUDING OBJECT SO BOTTOM IS 27" MAX AFF. SEE
- PHOTO DETAIL 10/G2.01. (307.2) A. REPLACE EXISTING DOOR HARDWARE WITH ADA COMPLIANT
- HARDWARE. SEE PHOTO DETAIL 18/G2.01 FOR REFERENCE. (404.2.7) A. RELOCATE DOOR AND FRAME SO LATCH SIDE EDGE OF DOOR IS 12" MIN FROM OBSTACLE ON PUSH SIDE & 18" MIN FROM OBSTACLE
- ON PULL SIDE. A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602) B. REMOVE EXISTING HALF WALL AND REPLACE WITH TWO OTHER
- A. REPLACE DRINKING FOUNTAINS WITH COMBINATION WATER FOUNTAIN AND BOTTLE FILLER. SEE PHOTO DETAIL 12/G2.01. (602)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE SAME SIDE OF DOOR. SEE PHOTO DETAIL 14/G2.01 FOR
- A. ADD TRANSITION STRIP TO CORRECT CHANGE IN HEIGHT. SEE
- DETAIL 11/G3.01. (303) A. REMOUNT MIRROR SO REFLECTIVE SURFACE IS MAX 40" AFF. SEE
- PHOTO DETAIL 20/G2.01 FOR REFERENCE. (603.3) A. SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION
- FOR SINK. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE. A. LOWER SHARPS BOX AND SHELF SO HIGHEST OPERABLE PART IS
- AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1) A. MODIFY AND/OR ADJUST ACCESSIBLE STALL DOOR TO BE
- A. REPLACE TOILET SEAT IN HANDICAP STALL WITH ONE THAT WILL PUT THE HEIGHT OF THE HANDICAP TOILET AT 17"-19" AFF. (604.4)

SELF-CLOSING. (604.8.1.2)

A. REMOUNT TOILET PAPER DISPENSER SO DISPENSER IS 7"-9" FROM THE FRONT OF THE TOILET AND 1.5" MIN BELOW THE GRAB BAR AND MIN 15" AFF. (604.7)

- A. REPLACE ACCESSIBLE STALL HARDWARE WITH HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW SHELF AND SHARPS BOX. SEE DETAIL 9/G3.01. (307.2)
- A. LOWER URINAL SO THAT THE RIM HEIGHT IS MAX 17" AFF. REFER TO ADA DETAIL ON SHEET G0.01. (605.2)
- A. PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM FACE OF WALL. WHEN TOILET IS MOVED, REMOUNT REAR GRAB BAR SO GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL) AND 24" TO THE OTHER SIDE OF THE CENTERLINE AND 33"-36" AFF (AWAY FROM
- A. REMOVE AND REPLACE COPPER PIPING TO ALLOW REAR WALL GRAB TO BE MOUNTED PROPERLY. SEE PHOTO DETAIL 15/G2.01 FOR
- B. REMOUNT REAR GRAB BAR BEHIND TOILET SO THAT THE GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL), 24" TO THE OTHER SIDE OF THE CENTER (AWAY FROM SIDE WALL), AND 33"-36" AFF. (604.5.2)
- A. REPLACE TOILET TANK WITH ONE THAT HAS THE FLUSH CONTROL ON THE OPEN SIDE OF THE TOILET. (604.6)
- A. PROVIDE NEW PILASTERS AND REHANG ACCESSIBLE STALL DOOR OUTWARD AND TO BE MAX 4" FROM ADJACENT STALL WALL FARTHEST FROM TOILET. CONTRACTOR OPTION: REPLACE DOOR AND BOTH PILASTERS AND NEW HARDWARE.** (604.8.1.2)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW PROTRUDING OBJECT. REFER TO DETAIL 9/G3.01. SEE PHOTO DETAIL 9/G2.01 FOR
- LOWER HOOK IN ACCESSIBLE STALL SO TOP OF HOOK IS MAX 48"
- A. REMOUNT REAR GRAB BAR SO IT IS LOCATED SUCH THAT IT EXTENDS FROM THE CENTERLINE OF THE TOILET 12" MIN TO ONE SIDE AND 24" TO THE OTHER. (604.5.2, 609.4)
- A. MODIFY AND/OR ADJUST AMBULATORY STALL DOOR SUCH THAT IT IS SELF CLOSING. (604.8.1.2)
- A. RELOCATE BABY CHANGING TABLE TO ADJACENT WALL. SEE PHOTO DETAIL 5/G2.02 FOR REFERENCE. (604.3. B. REMOUNT SIDE WALL GRAB BAR TO PROPER ADA DIMENSIONS. SEE ADA DETAIL ON SHEET G0.01. (604.5.1)

- A. RELOCATE HAND DRYER TO BE OUT OF CLEAR FLOOR SPACE AROUND TOILET. (604.3.1)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. PROVIDE SIDELIGHT IN DOOR WITH BOTTOM OF SIDELIGHT AT 43" AFF. (404.2.3, 404.2.11)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (404.2.4) B. RELOCATE CUBICLE AND FURNITURE TO CREATE 36" ACCESS AISLE TO DESK AREA. REFER TO DETAIL 7/G3.01. (403.5.1)
- A. REMOVE CENTRAL CABINETS AND SOLID SURFACE COUNTER. REPLACE WITH NEW BASE CABINETS & SOLID SURFACE COUNTER.
- B. RELOCATE PRINTER AND FRIDGE PER DETAIL 7/G3.01. (403.5.1) 49 A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602.4, 602.7)
- A. REMOVE AND REPLACE DOOR WITH NEW DOOR THAT HAS A SIDE LIGHT 43" MAX AFF. (404.2.11)
- A. RELOCATE RECEPTION DESK TO ALLOW 36" ACCESS AISLE AROUND DESK. (403.5.1)
- A. CUT BACK SOLID SURFACE COUNTER SO EDGE OF COUNTER IS 12" MIN FROM EDGE OF DOOR. A. MOVE BASE CABINETS AWAY FROM DOOR SO EDGE OF CABINET
- IS 12" MIN FROM EDGE OF DOOR. (404.2.4) A. PROVIDE CANE DETECTABLE METAL BOX BELOW HAND DRYER &
- TAMPON DISPENSER. SEE DETAIL 9/G3.01 FOR REFERENCE. (307.2) A. DESIGNATE LOCKER AS ACCESSIBLE WITH PROPER SIGNAGE. VERIFY PROPER MOUNTING HEIGHTS OF OPERATING MECHANISMS.
- A. PROVIDE GRAB BARS IN ACCESSIBLE SHOWER ON ALL SIDES. SEE DETAIL 5/G2.01. (608.3
- B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- A. LOWER SINK SO TOP OF SINK RIM IS 34' AFF. (606.3) A. REPLACE AMBULATORY STALL DOOR HARDWARE W/ HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)

A. RELOCATE PIPING SUCH THAT CLEARANCE UNDER PIPING IS 80"

MIN AFF. (307.4) A. LOWER OBJECT SO OPERABLE PARTS ARE MAX 48" AFF. (308.2.1)

- A. LOWER COUNTER AND SINK SO THAT TOP OF SINK RIM IS MAX 34" AFF. MAINTAIN PROPER TOE AND KNEE CLEARANCE. (606.3)
- A. REMOVE & REPLACE EXISTING DOOR AND FRAME WITH 36" DOOR. USE SAME MATERIALS AND CONSTRUCTION AS EXISTING. (404.2.3)
- A. RELOCATE PIPING SO IT PROVIDES PROPER PULL SIDE CLEARANCE OF 18". (404.2.4)
- A. CORRECT CHANGE IN LEVEL WITH METAL TRANSITION STRIP. SEE DETAIL 1/G2.02. (303)

A. RELOCATE THERMOSTAT AND MOUNT SUCH THAT THE HIGHEST

- A. LOWER THERMOSTAT SO HIGHEST OPERABLE PART IS MAX 48"
- OPERABLE PART IS MAX 48" AFF. (308.2.1, 305.3, 305.6) A. LOWER HOOK ON COAT RACK SO TOP OF HOOK IS MAX 48" AFF.
- A. REPLACE TABLE WITH TABLE OF THE SAME CONSTRUCTION AND WITH PROPER KNEE AND TOE CLEARANCE. (306.2, 306.3)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO A. REPLACE SHELF AND DETAIL 5/G3.01. (904.4)
- A. INSTALL DETECTABLE WARNING STRIP ON TOP TREAD OF STAIRWAY. (705)
- A. CUT BACK EXISTING WALL TO ALLOW FOR 36" WIDE OPENING FOR A. REMOVE EXISTING WALLS AND CAREFULLY REMOVE AND
- SALVAGE EXISTING VAULT DOOR. B. REINSTALL NEW WALLS AND REINSTALL SALVAGED DOOR. SEE DETAIL 12/G3.01. (404.2.4)
- A. RELOCATE CUBICLE AND FURNITURE TO ALLOW FOR 36" MIN WIDE ACCESS AISLE AND/OR 36" MIN ACCESS WIDTH TO CUBICLE.
- A. RELOCATE CUBICLE FURNITURE AND PRINTER. (403.5.1) B. REPLACE SOLID SURFACE TRANSITION COUNTER. SEE DETAIL C. REPLACE BASE CABINETS AND SOLID SURFACE COUNTER. SEE → DETAIL 8/G3.01. (403.5.1)

- A. CUT MAILBOX ELEMENT BACK BY ONE COLUMN. (404.2.4)
- B. CUT BACK SOLID SURFACE COUNTER TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)
- A. CUT SOLID SURFACE COUNTER BACK TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)
- A. REMOVE AND REPLACE PARTITION WALL B. MOVE CUBICLE SO PARTITION WALL IS BETWEEN CUBICLE AND WALL TO ALLOW FOR PROPER DOOR CLEARANCE OF 18". (404.2.4)
- A. MOVE CUBICLE/FURNITURE TO ALLOW FOR PROPER MANEUVERING CLEARANCE. (404.2.4)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN HISTORIC FEATURE. AS A PRECAUTION, REFER TO OWNER'S REPRESENTATIVE AND ARCHITECT BEFORE STARTING THIS TASK.
- *APPLIES TO ALL CORRIDOR DOORS. **MARBLE PARTITIONS SHALL BE CUT AND MADE FROM OWNER'S SALVAGED AND AVAILABLE MATERIALS

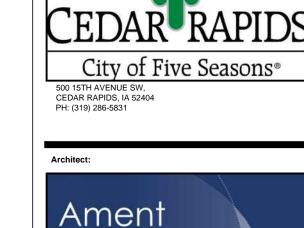
SECOND FLOOR REFERENCE PLAN

01/20/2017

02/23/2017

03/24/2017

05/03/2017



DESIGN

CEDAR RAPIDS, IOWA 52404 PH: (319) 378-1401 FAX: (319) 378-1975

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

101 1ST ST SE,

Issue & Revision Dates

CITY REVIEW

FINAL CITY REVIEW

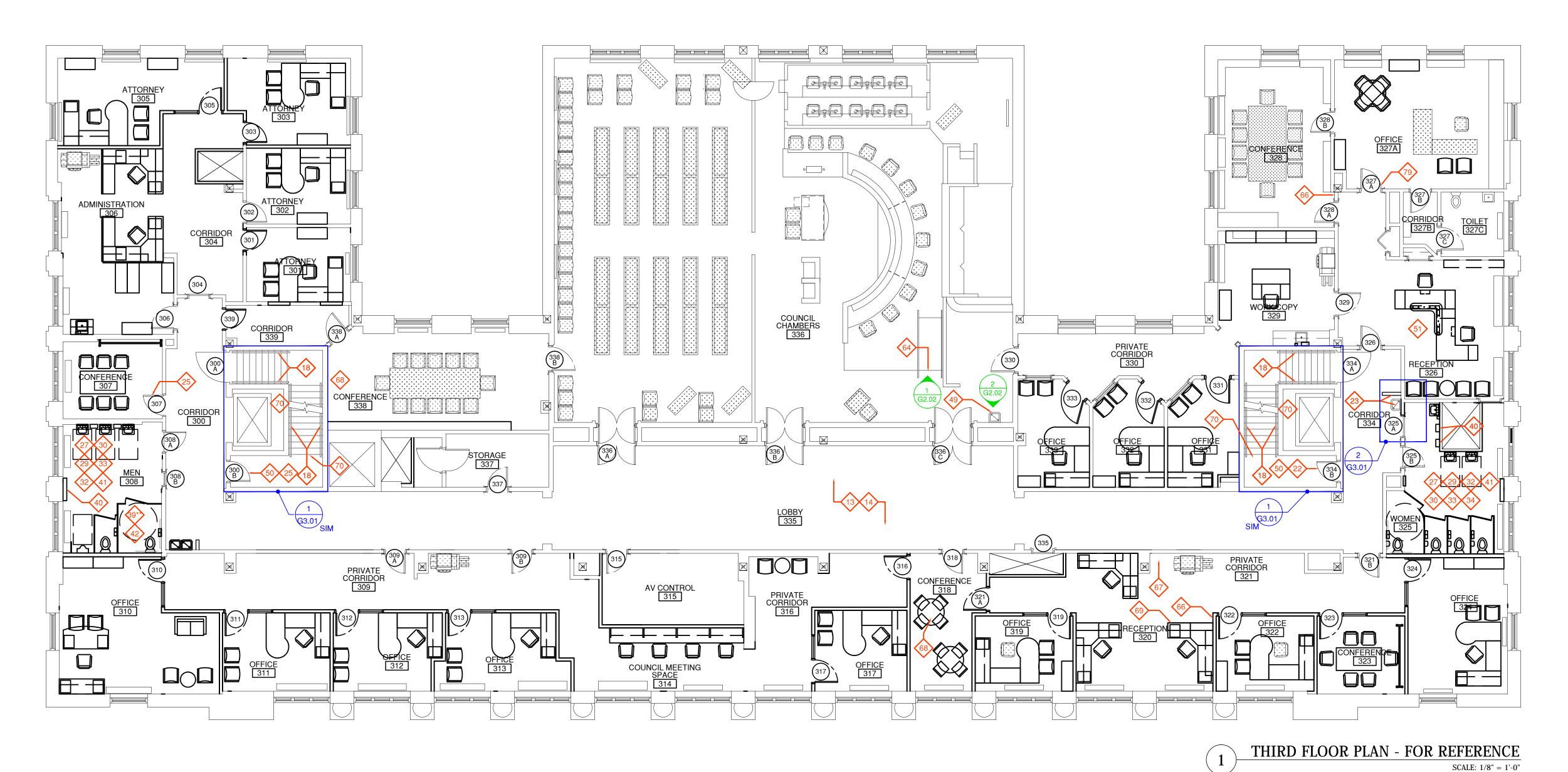
CITY REVIEW - UPDATE 04/05/2017

REVIEW

BID SET

PROJECT #: G0025.R0682

CEDAR RAPIDS, IA 52401



- 1 NOT USED
- NOT USED
- NOT USED
- NOT USED

 NOT USED
- NOT USED
- 7 NOT USED
- 8 NOT USED
- 9 NOT USED
- A. REPLACE EXISTING DOUBLE DOOR AND FRAME WITH SINGLE DOOR. SEE DETAIL 10/G3.01.
- A. INSTALL POWER DOOR OPENER WHICH OPENS BOTH SETS OF DOORS SIMULTANEOUSLY AND KEEPING THEM OPEN FOR AN ADEQUATE AMOUNT OF TIME. (404.2.6)
- NOT USED
- A. VERIFY 5 LBF TO OPEN ALL DOORS. SHOULD DOOR EXCEED 5 LBF, ADJUST DOOR CLOSER SO LBF TO OPEN DOOR IS LESS THAN 5.*
- A. VERIFY CLOSING SPEED ON ALL DOORS. SHOULD DOOR CLOSING SPEED EXCEED 5 SEC FROM 90 DEGREES TO 12 DEGREES, ADJUST DOOR CLOSING SPEED.* (404.2.8.1)
- A. REPLACE VISIBLE SIGNALS WITH ONES THAT ARE 2.5" MIN IN ITS SMALLEST DIMENSION.
 B. PROGRAM ELEVATOR CAR SIGNALS TO CHIME ONCE FOR UP AND TWICE FOR DOWN.
 C. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.
- A. INSTALL GRAB BARS ON TWO SIDE WALLS OF ELEVATOR.
 B. ADJUST AND REDUCE GAP IN ELEVATOR TO 1.25 MAX.
 C. REPLACE HARDWARE ON COMMUNICATION BOX WITH ONE THAT DOES NOT REQUIRE TIGHT PINCH OR GRASP.
- A. LOWER SOAP DISPENSER AND/OR PAPER TOWEL DISPENSER SO OPERABLE PARTS ARE MAXIMUM 44" AFF. SEE DETAIL 8/G2.01.

- A. PROVIDE NEW ADA COMPLIANT HANDRAIL. SEE PHOTO DETAIL 7/G2.01 & DETAIL 1/G3.01. (505)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. (404.2.3)
- A. LOWER PROTRUDING OBJECT SO BOTTOM IS 27" MAX AFF. SEE PHOTO DETAIL 10/G2.01. (307.2)
- A. RELOCATE DOOR AND FRAME SO LATCH SIDE EDGE OF DOOR IS
 12" MIN FROM OBSTACLE ON PUSH SIDE & 18" MIN FROM OBSTACLE

ON PULL SIDE.

A. REPLACE EXISTING DOOR HARDWARE WITH ADA COMPLIANT

- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602)
 B. REMOVE EXISTING HALF WALL AND REPLACE WITH TWO OTHER
- A. REPLACE DRINKING FOUNTAINS WITH COMBINATION WATER FOUNTAIN AND BOTTLE FILLER. SEE PHOTO DETAIL 12/G2.01. (602)
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE SAME SIDE OF DOOR. SEE PHOTO DETAIL 14/G2.01 FOR REFERENCE.
- A. ADD TRANSITION STRIP TO CORRECT CHANGE IN HEIGHT. SEE DETAIL 11/G3.01. (303)
- A. REMOUNT MIRROR SO REFLECTIVE SURFACE IS MAX 40" AFF. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE. (603.3)
- A. SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION FOR SINK. SEE PHOTO DETAIL 20/G2.01 FOR REFERENCE.
- A. LOWER SHARPS BOX AND SHELF SO HIGHEST OPERABLE PART IS AT MAX 48" AFF. SEE PHOTO DETAIL 18/G2.01. (308.2.1)
- A. MODIFY AND/OR ADJUST ACCESSIBLE STALL DOOR TO BE SELF-CLOSING. (604.8.1.2)
- A. REPLACE TOILET SEAT IN HANDICAP STALL WITH ONE THAT WILL PUT THE HEIGHT OF THE HANDICAP TOILET AT 17"-19" AFF. (604.4)
- A. REMOUNT TOILET PAPER DISPENSER SO DISPENSER IS 7"-9" FROM THE FRONT OF THE TOILET AND 1.5" MIN BELOW THE GRAB BAR AND MIN 15" AFF. (604.7)

A. REPLACE ACCESSIBLE STALL HARDWARE WITH HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)

A. PROVIDE CANE DETECTABLE METAL BOX BELOW SHELF AND

- SHARPS BOX. SEE DETAIL 9/G3.01. (307.2)

 A. LOWER URINAL SO THAT THE RIM HEIGHT IS MAX 17" AFF. REFER
- A. PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM FACE OF WALL. WHEN TOILET IS MOVED, REMOUNT REAR GRAB BAR SO GRAB BAR IS 12" TO ONE

SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL) AND 24" TO

- THE OTHER SIDE OF THE CENTERLINE AND 33"-36" AFF (AWAY FROM SIDE WALL. (604.2)

 A. REMOVE AND REPLACE COPPER PIPING TO ALLOW REAR WALL GRAB TO BE MOUNTED PROPERLY. SEE PHOTO DETAIL 15/G2.01 FOR
- REFERENCE. (609.3)

 B. REMOUNT REAR GRAB BAR BEHIND TOILET SO THAT THE GRAB BAR IS 12" TO ONE SIDE OF THE TOILET CENTERLINE (TOWARD SIDE WALL), 24" TO THE OTHER SIDE OF THE CENTER (AWAY FROM SIDE
- A. REPLACE TOILET TANK WITH ONE THAT HAS THE FLUSH CONTROL ON THE OPEN SIDE OF THE TOILET. (604.6)

WALL), AND 33"-36" AFF. (604.5.2)

- A. PROVIDE NEW PILASTERS AND REHANG ACCESSIBLE STALL DOOR
 OUTWARD AND TO BE MAX 4" FROM ADJACENT STALL WALL
 FARTHEST FROM TOILET. CONTRACTOR OPTION: REPLACE DOOR
 AND BOTH PILASTERS AND NEW HARDWARE.** (604.8.1.2)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW PROTRUDING OBJECT. REFER TO DETAIL 9/G3.01. SEE PHOTO DETAIL 9/G2.01 FOR
- LOWER HOOK IN ACCESSIBLE STALL SO TOP OF HOOK IS MAX 48"
 AFF. (603.4)
- A. REMOUNT REAR GRAB BAR SO IT IS LOCATED SUCH THAT IT EXTENDS FROM THE CENTERLINE OF THE TOILET 12" MIN TO ONE SIDE AND 24" TO THE OTHER. (604.5.2, 609.4)
- A. MODIFY AND/OR ADJUST AMBULATORY STALL DOOR SUCH THAT IT IS SELF CLOSING. (604.8.1.2)
- A. RELOCATE BABY CHANGING TABLE TO ADJACENT WALL. SEE PHOTO DETAIL 5/G2.02 FOR REFERENCE. (604.3.1)
 B. REMOUNT SIDE WALL GRAB BAR TO PROPER ADA DIMENSIONS. SEE ADA DETAIL ON SHEET G0.01. (604.5.1)

- A. RELOCATE HAND DRYER TO BE OUT OF CLEAR FLOOR SPACE AROUND TOILET. (604.3.1)
- A. REMOVE AND REPLACE EXISTING DOUBLE DOOR AND FRAME WITH DOORS THAT ARE 36" WIDE EACH. PROVIDE SIDELIGHT IN DOOR WITH BOTTOM OF SIDELIGHT AT 43" AFF. (404.2.3, 404.2.11)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (404.2.4)
 B. RELOCATE CUBICLE AND FURNITURE TO CREATE 36" ACCESS AISLE TO DESK AREA. REFER TO DETAIL 7/G3.01. (403.5.1)
- A. REMOVE CENTRAL CABINETS AND SOLID SURFACE COUNTER.
 REPLACE WITH NEW BASE CABINETS & SOLID SURFACE COUNTER.
 B. RELOCATE PRINTER AND FRIDGE PER DETAIL 7/G3.01. (403.5.1)
- A. REPLACE DRINKING FOUNTAIN WITH HI-LO BOWL. (602.4, 602.7)

 A. REMOVE AND REPLACE DOOR WITH NEW DOOR THAT HAS A SIDE
- LIGHT 43" MAX AFF. (404.2.11)

 A. RELOCATE RECEPTION DESK TO ALLOW 36" ACCESS AISLE AROUND DESK. (403.5.1)
- A. CUT BACK SOLID SURFACE COUNTER SO EDGE OF COUNTER IS 12" MIN FROM EDGE OF DOOR.
- A. MOVE BASE CABINETS AWAY FROM DOOR SO EDGE OF CABINET IS 12" MIN FROM EDGE OF DOOR. (404.2.4)
- A. PROVIDE CANE DETECTABLE METAL BOX BELOW HAND DRYER & TAMPON DISPENSER. SEE DETAIL 9/G3.01 FOR REFERENCE. (307.2)
- A. DESIGNATE LOCKER AS ACCESSIBLE WITH PROPER SIGNAGE. VERIFY PROPER MOUNTING HEIGHTS OF OPERATING MECHANISMS. (703)
- A. PROVIDE GRAB BARS IN ACCESSIBLE SHOWER ON ALL SIDES. SEE DETAIL 5/G2.01. (608.3)
 B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- B. LOWER HOOK IN ACCESSIBLE SHOWER TO MAX 48" AFF.
- A. LOWER SINK SO TOP OF SINK RIM IS 34' AFF. (606.3)

 A. REPLACE AMBULATORY STALL DOOR HARDWARE W/ HARDWARE THAT IS OPERABLE WITHOUT A TIGHT PINCH OR GRASP. (309.4)

A. RELOCATE PIPING SUCH THAT CLEARANCE UNDER PIPING IS 80"

MIN AFF. (307.4)

A. LOWER OBJECT SO OPERABLE PARTS ARE MAX 48" AFF. (308.2.1)

- A. LOWER COUNTER AND SINK SO THAT TOP OF SINK RIM IS MAX 34"
 AFF. MAINTAIN PROPER TOE AND KNEE CLEARANCE. (606.3)
- A. REMOVE & REPLACE EXISTING DOOR AND FRAME WITH 36" DOOR. USE SAME MATERIALS AND CONSTRUCTION AS EXISTING. (404.2.3)
- A. RELOCATE PIPING SO IT PROVIDES PROPER PULL SIDE CLEARANCE OF 18". (404.2.4)
- A. CORRECT CHANGE IN LEVEL WITH METAL TRANSITION STRIP. SEE DETAIL 1/G2.02. (303)
- A. LOWER THERMOSTAT SO HIGHEST OPERABLE PART IS MAX 48" AFF. (308.2.1)
- A. RELOCATE THERMOSTAT AND MOUNT SUCH THAT THE HIGHEST OPERABLE PART IS MAX 48" AFF. (308.2.1, 305.3, 305.6)

 A. LOWER HOOK ON COAT RACK SO TOP OF HOOK IS MAX 48" AFF.
- A. REPLACE TABLE WITH TABLE OF THE SAME CONSTRUCTION AND WITH PROPER KNEE AND TOE CLEARANCE. (306.2, 306.3)
- A. REPLACE SHELF AND PARTITION AT RECEPTION DESK. REFER TO DETAIL 5/G3.01. (904.4)
- A. INSTALL DETECTABLE WARNING STRIP ON TOP TREAD OF STAIRWAY. (705)
- A. CUT BACK EXISTING WALL TO ALLOW FOR 36" WIDE OPENING FOR ACCESS. (403.5.1)
- A. REMOVE EXISTING WALLS AND CAREFULLY REMOVE AND SALVAGE EXISTING VAULT DOOR.

 B. REINSTALL NEW WALLS AND REINSTALL SALVAGED DOOR. SEE DETAIL 12/G3.01. (404.2.4)
- A. RELOCATE CUBICLE AND FURNITURE TO ALLOW FOR 36" MIN WIDE ACCESS AISLE AND/OR 36" MIN ACCESS WIDTH TO CUBICLE.
- A. RELOCATE CUBICLE FURNITURE AND PRINTER. (403.5.1)
 B. REPLACE SOLID SURFACE TRANSITION COUNTER. SEE DETAIL
 8/G3.01. (904.4)
 C. REPLACE BASE CABINETS AND SOLID SURFACE COUNTER. SEE
 DETAIL 8/G3.01. (403.5.1)

- A. CUT MAILBOX ELEMENT BACK BY ONE COLUMN. (404.2.4)
 B. CUT BACK SOLID SURFACE COUNTER TO ALLOW FOR PROPER
- DOOR CLEARANCE. (404.2.4)

 A. CUT SOLID SURFACE COUNTER BACK TO ALLOW FOR PROPER DOOR CLEARANCE. (404.2.4)
- A. REMOVE AND REPLACE PARTITION WALL.
 B. MOVE CUBICLE SO PARTITION WALL IS BETWEEN CUBICLE AND
- WALL TO ALLOW FOR PROPER DOOR CLEARANCE OF 18". (404.2.4)

 A. MOVE CUBICLE/FURNITURE TO ALLOW FOR PROPER

MANEUVERING CLEARANCE. (404.2.4)

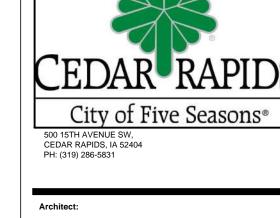
- A. FLIP DOOR SWING SO HINGE IS ON OTHER SIDE. DOOR TO SWING OUT TO THE DIRECTION OF TRAVEL. DOOR CONSIDERED AN HISTORIC FEATURE. AS A PRECAUTION, REFER TO OWNER'S REPRESENTATIVE AND ARCHITECT BEFORE STARTING THIS TASK.
- *APPLIES TO ALL CORRIDOR DOORS.

 **MARBLE PARTITIONS SHALL BE CUT AND MADE FROM OWNER'S SALVAGED AND AVAILABLE MATERIALS

Drawing

THIRD FLOOR REFERENCE PLAN

G1.04



Architect:

Ament
DESIGN

Architecture • Engineering • Surveying

625 32ND AVENUE SW
CEDAR RAPIDS, IOWA 52404
PH: (319) 378-1401
FAX: (319) 378-1975

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Issue & Revision Dates

01/20/2017

02/23/2017

03/24/2017

05/03/2017

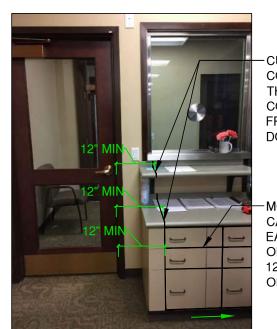
REVIEW

BID SET

CITY REVIEW

FINAL CITY REVIEW

CITY REVIEW - UPDATE 04/05/2017

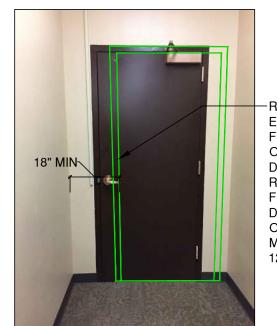


-CUT SOLID SURFACE COUNTER BACK SO THAT EDGE OF COUNTER IS MIN 12" FROM EDGE OF

-MOVE BASE CABINETS TO THE EAST SO THE EDGE OF CABINET IS MIN 12" FROM THE EDGE OF THE DOOR



CUT SOLID SURFACE COUNTER BACK SO THAT EDGE OF COUNTER IS MIN 12" FROM EDGE OF



-REMOVE AND MAINTAIN EXISTING DOOR AND FRAME. CUT NEW OPENING IN WALL FOR DOOR AND FRAME. REPLACE DOOR AND FRAME. VERIFY EDGE OF DOOR TO FRONT FACE OF ADJACENT WALL IS 18" MIN ON PULL SIDE AND 12" ON PUSH SIDE..



INSTALL METAL SHELF ——

WITHIN LOCKER SO TOP



PHOTO DETAIL

City of Five Seasons®

500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404 PH: (319) 286-5831

Ament

DESIGN

625 32ND AVENUE SW CEDAR RAPIDS, IOWA 52404

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Issue & Revision Dates

CITY REVIEW

FINAL CITY REVIEW

CITY REVIEW - UPDATE 04/05/2017

01/20/2017

02/23/2017

03/24/2017

05/03/2017

Description REVIEW

BID SET

PH: (319) 378-1401 FAX: (319) 378-1975

PHOTO DETAIL

SCALE: NTS

PHOTO DETAIL

SCALE: NTS

PHOTO DETAIL

SCALE: NTS

SCALE: NTS

SCALE: NTS

PHOTO DETAIL

SCALE: NTS

SCALE: NTS

CUT SOLID SURFACE — COUNTER BACK SO THAT EDGE OF COUNTER IS MIN 18" FROM EDGE OF DOOR

-REDUCE MAILBOX BUILT ELEMENT BY ONE COLUMN



PHOTO DETAIL

SCALE: NTS



BOTH SIDES OF STAIR. HANDRAILS ARE TO HAVE A DIAMETER OF 1.5" MAX AND ARE TO BE MOUNTED 34"-38" AFF TO TOP OF RAIL. HANDRAILS SHALL EXTEND 12" BEYOND THE EDGE OF STAIR TREAD AT TO TOP AND EXTEND A LENGTH EQUAL TO STAIR TREAD DEPTH AT BOTTOM. THE DISTANCE BETWEEN THE TOP OF THE EXISTING HANDRAILS AND THE NEW HANDRAILS SHALL BE MIN 1.5". HANDRAILS SHALL WRAP AROUND INNER CORNERS. SEE DETAIL 1/G3.01.

-PROVIDE NEW ADA

COMPLIANT HANDRAILS.

HANDRAILS ARE TO BE ON

PHOTO DETAIL

SCALE: NTS

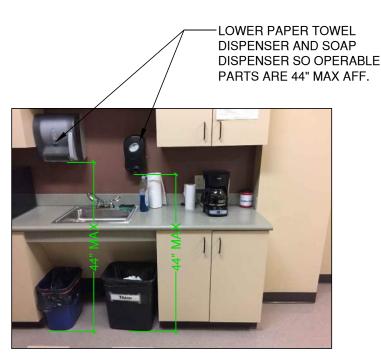


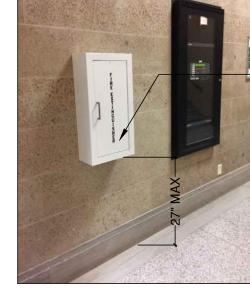
PHOTO DETAIL

BENT METAL PLATE BOX TO SERVE AS CANE DETECTABLE BOX. METAL TO BE PAINTED IN COLOR SELECTED BY OWNER, WITH ACCESS HOLES TO ALLOW FOR DRILLING INTO WALL. SEE DETAIL 9/G3.01

PHOTO DETAIL

SCALE: NTS

SCALE: NTS



LOWER PROTRUDING OBJECT SO BOTTOM OF OBJECT IS 27" MAX

PHOTO DETAIL

SCALE: NTS

-LOWER SOAP DISPENSER SO OPERABLE PARTS ARE 44" MAX AFF.

NOT USED

PHOTO DETAIL

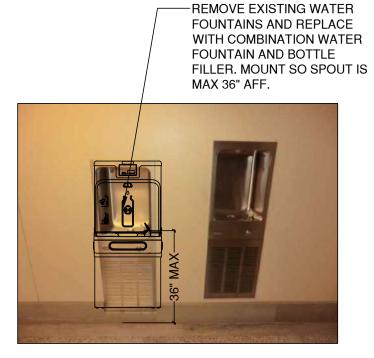


PHOTO DETAIL

MOUNT SUCH THAT IT

PROTRUDES MAX 4"

CIRCULATION PATH.

INTO GENERAL

PHOTO DETAIL

PROVIDE NEW 36" WIDE, 84" TALL DOUBLE DOORS AND A NEW FRAME. DOOR SHALL HAVE A SIDE LIGHT THAT IS 43" MIN AFF. DOOR HARDWARE AND THE COLOR OF DOORS AND FRAME SHALL MATCH EXISTING COLOR.



PHOTO DETAIL

-REMOVE AND RELOCATE COPPER PIPING SO PIPE RUNS UP CORNER.

-REMOUNT REAR WALL GRAB BAR SO IT IS 12" TO ONE SIDE OF CENTER AND 24" TO THE OTHER SIDE OF THE CENTER AND 33"-36" AFF TO THE TOP OF THE GRAB BAR.

-PROVIDE IN-FLOOR DRAIN OFFSET SEAT VALVE TO MOVE TOILET SO CENTERLINE IS 16-18" FROM EDGE OF WALL.

SCALE: NTS

REPLACE SHELF AND —

SCALE: NTS

-REPLACE PARTITION WALL AND SHELF SO THAT PARTITION WALL IS SAME HEIGHT AS DESK AND SHELF IS MAX 34" AFF AND PROTRUDES MAX 4" INTO CIRCULATION SPACE.

PHOTO DETAIL

PHOTO DETAIL

PHOTO DETAIL

PHOTO DETAIL

SO REFLECTIVE SURFACE IS 40" MAX AFF.

-REMOUNT MIRROR

- SECURE PIPE INSULATION OR PROVIDE NEW PIPE INSULATION FOR ONE SINK.

PHOTO DETAIL

SCALE: NTS

SCALE: NTS

SCALE: NTS

SCALE: NTS

SCALE: NTS

PHOTO DETAIL

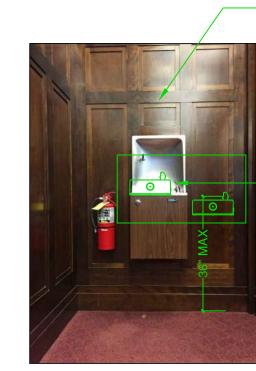
SCALE: NTS

PHOTO REFERENCE SHEET

-USE DOOR HARDWARE **NOT USED** (SECOND FLOOR MEN'S) AS À REFERENCE FOR DOOR HARDWARE REPLACEMENT ON FIRST FLOOR BATHROOM DOORS. -LOWER SHARPS BOX SO HIGHEST OEPRABLE PART IS AT MAX 48" AFF.



PHOTO DETAIL



CAREFULLY REMOVE
EXISTING WALL PANELING FOR REUSE. ONCE DRINKING FOUNTAIN HAS BEEN REMOVED AND REPLACED, REINSTALL WOOD PANELING TO REFLECT PREVIOUS CONDITION.

> REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH HI-LO BOWL MOUNTED SUCH THAT THE SPOUT HEIGHT OF THE LOWER BOWL IS MAX 36" AFF.



— LOWER ONE COAT HOOK SUCH THAT TOP OF COAT HOOK IS MAX 48" AFF.



REMOVE PORTION OF
WALL TO ALLOW FOR
MIN 36" WIDE OPENING
FOR ACCESS. REPAINT ENTIRE WALL ON BOTH SIDES OF OPENING.



—REMOUNT BABY CHANGING TABLE TO ADJACENT WALL. PATCH, REPAIR, AND RETILE WALL. MOUNT CHANGING TABLE SUCH THAT OPERABLE PART OF TABLE IS MAX 48" AFF IN CLOSED POSITION AND MAX 34" AFF IN OPEN POSTION.

PHOTO DETAIL

SCALE: NTS

CEDAR RAPIDS CITY HALL ADA **COMPLIANCE WORK**

City of Five Seasons®

500 15TH AVENUE SW,
CEDAR RAPIDS, IA 52404
PH: (319) 286-5831

Ament

DESIGN

625 32ND AVENUE SW CEDAR RAPIDS, IOWA 52404 PH: (319) 378-1401 FAX: (319) 378-1975

101 1ST ST SE, CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

Issue & Revision Dates CITY REVIEW 02/23/2017 FINAL CITY REVIEW 03/24/2017 CITY REVIEW - UPDATE 04/05/2017 05/03/2017

Drawing PHOTO REFERENCE SHEET

REMOVE EXISTING TRANSITION STRIP AND PROVIDE NEW TRANSITION STRIP THAT MEETS ADA REQUIREMENTS. TAKE CARE TO MAINTAIN SURROUNDING CARPET.	36" MAX

SCALE: NTS

PHOTO DETAIL

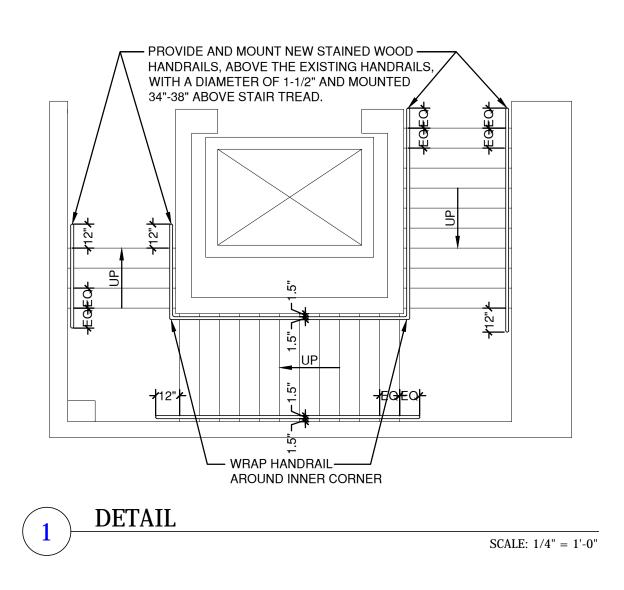
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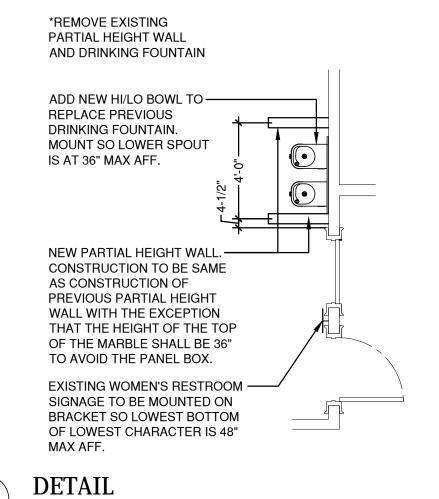
PHOTO DETAIL

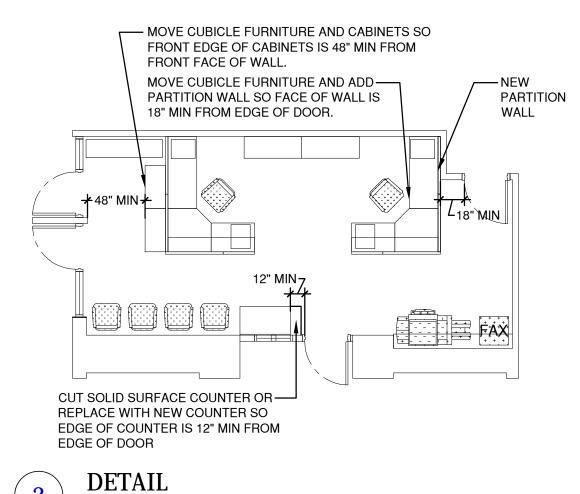
SCALE: NTS

PHOTO DETAIL

SCALE: NTS

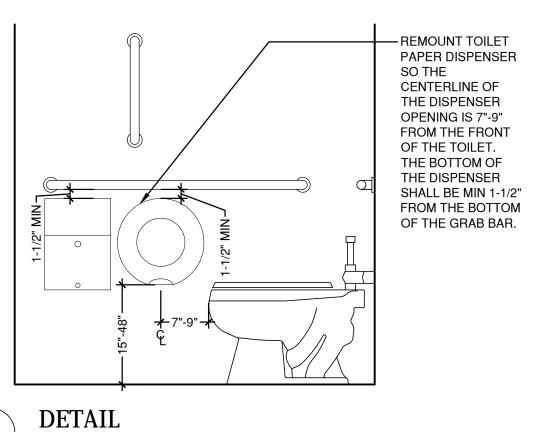






— MOVE SHORT

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





SCALE: 3/4" = 1'-0"

City of Five Seasons®

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

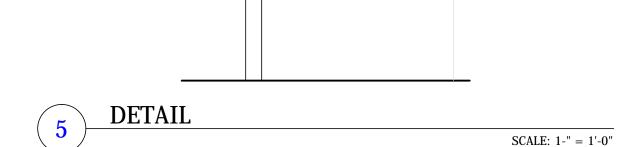
NEW SHELF AND PARTITION
BEYOND. SHELF AND
PARTITION ARE HALF THE
LENGTH OF THE ORIGINAL
SHELF AND PARTITION.
MOUNT SO SHELF IS MAX 4"
FROM FRONT FACE OF
PARTITION AND AT 40" AFF.

NEW SHELF AND
PARTITION
TO BE SAME HEIGHT AS
DESK AND SHELF TO BE
MOUNTED AT 34" MAX
AFF. SHELF SHALL NOT

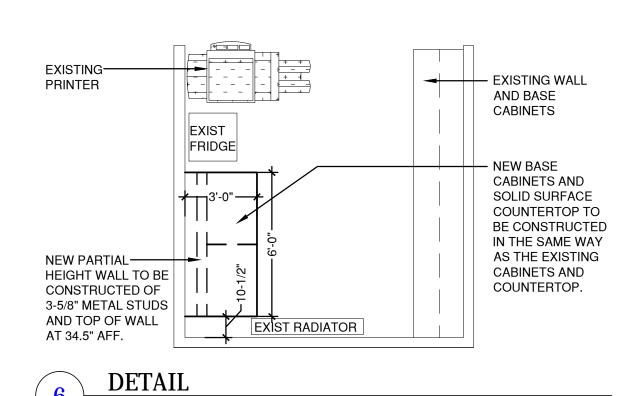
EXTEND MORE THAN 4"

BEYOND FRONT FACE

OF PARTITION.

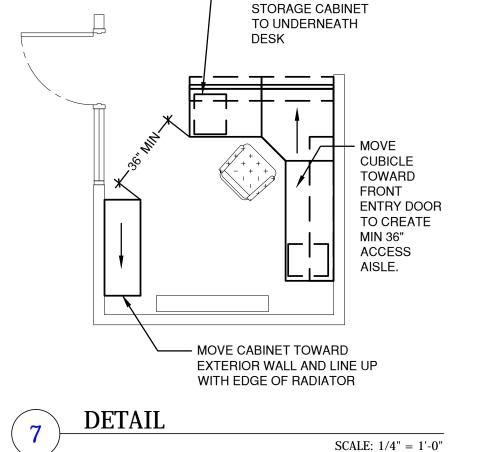


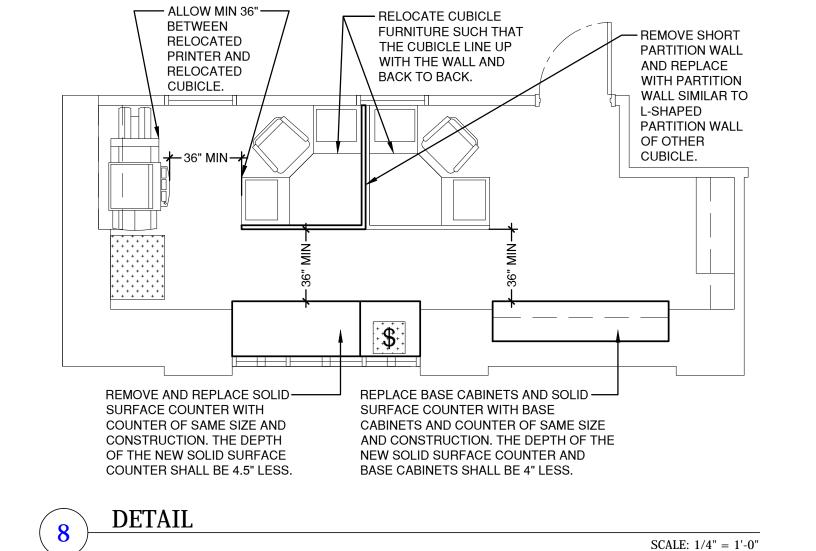
EXISTING DESK

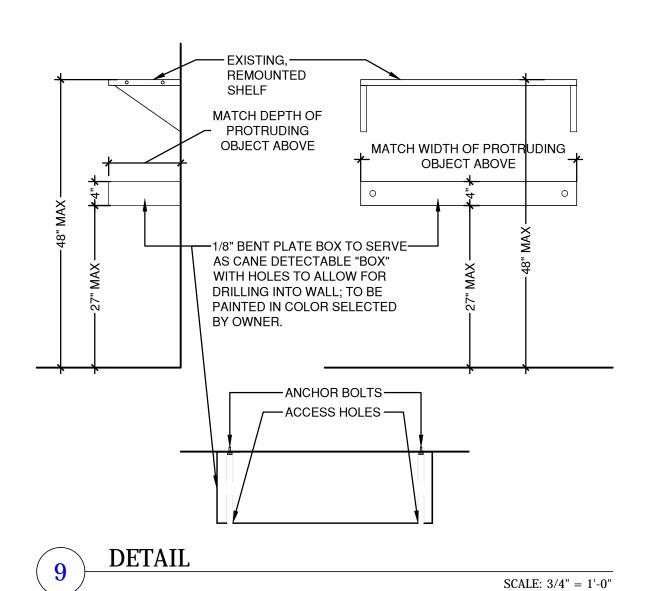


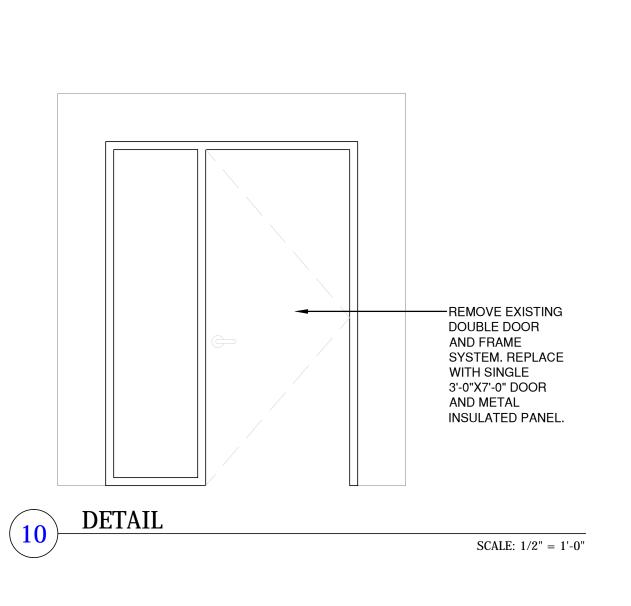
SCALE: 1/4'' = 1'-0''

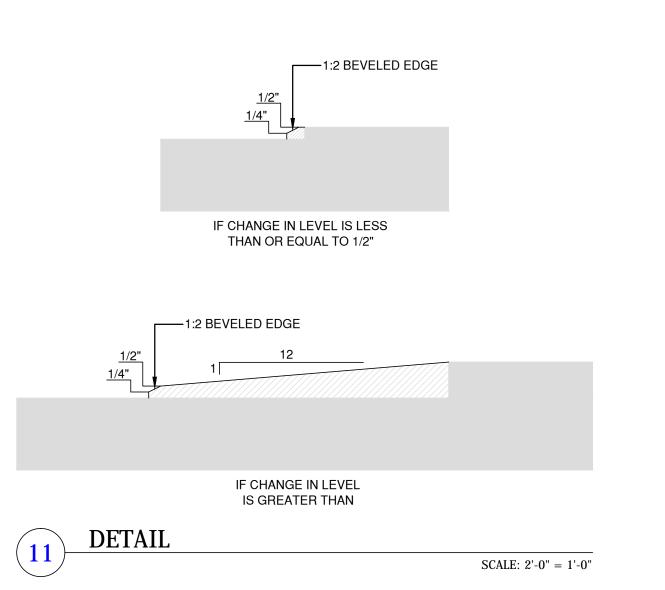
SCALE: 1/4" = 1'-0"

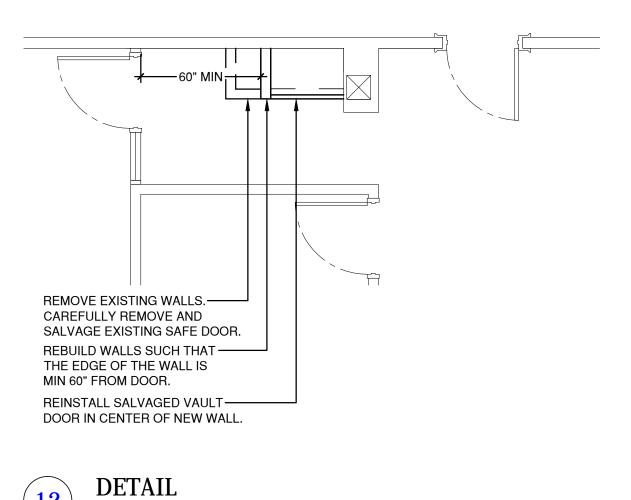


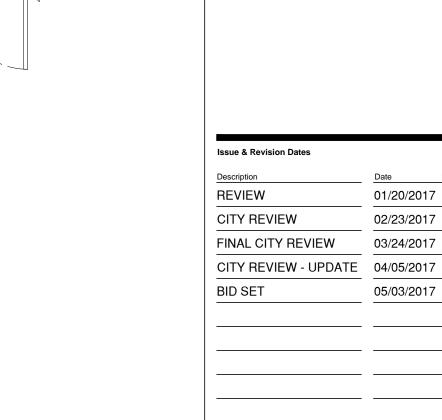












SCALE: 1/4" = 1'-0"

Drawing
DETAILS

G3 01

- 1. This project involves several miscellaneous modifications necessary for the City of Cedar Rapids to comply with an ILA (Independent Licensed Architect) survey of the City Hall Facility based on a DOJ (Department of Justice) order to correct ADA deficiencies in all City owned and operated facilities. The work in this project is not just limited only to those items cited in the survey list as attached to the plan set, but may also include additional modifications necessary for full compliance with ADA Standards for Accessible Design. These modifications are included in this set of drawings to define the scope of work for City Hall. Any inconsistency between the survey list shown at the end of this set, and the work indicated in the drawing set, shall be brought to the attention of the City's designated representatives as soon as identified. These plan specification notes shall provide for the expected level of quality for each item in the scope of work.
- 2. This project work will affect finish spaces in City Hall. The expectation by the City is that when completed the modifications be blended into the finish appearance present within each space and not obvious as added features. Any questions regarding the intent of this provision must be clarified prior to work beginning.
- 3. The work in City Hall also falls under special consideration by the Iowa State Historic Preservation Office, and any modifications may be reviewed by that office in addition to the DOJ and ILA survey items.

Contractor note: Not all the work will be confined to the specific boundaries and designated items as shown on the drawings. Work necessary for any connections to mechanical or electrical equipment and that fall outside the confines of the designated areas, are still considered part of the work. The boundaries or locations shown are to designate the principal areas of the remodeling and are intended to show the preferred extent of Contractor's primary activity, which allows Owner's use of the remaining spaces. The building will be continuously occupied during normal business hours. In some instances the Owner may have events scheduled after hours. Therefore the contractor must take precautions to protect the safety of occupants present in the building at all times. Further, contractors must control construction related noise created during the pursuit of the work. The work schedule will affect other Owner related activities, and the contractor may need to re-schedule some efforts to avoid interference to those personnel present in the building.

DIVISION 1- GENERAL NOTES

- 1. Owner Furnished Items- None 2. Schedule: The Owner's preferred schedule is to have all work substantially complete by September 30, 2017. The Contractor shall provide a schedule of work and a list of those priorities and needs germane to his completing the work within the prescribed time limits for Owner and Architect's review and consideration. It is the intent of the Owner to cooperate and assist the Contractor to achieve this schedule. The Contractor will
- have access to all areas of the site and building immediately upon award of the contract. 3. **Temporary Facilities:** Water and Electrical services will be available to the Contractor at the Owner's expense. Conserve power and water usage during construction. Coordinate use of electrical services with Owner. Provide temporary distribution for power tools and construction equipment that isolates construction activity from Owner's normal use, and protect existing distribution equipment from overloads and spikes or drops in
- 4. Seal all areas of the work by taping off the doors of each room or similar method to prevent dust migration.
- Clean any public areas outside rooms every day following construction activity. 5. Owner will allow **temporary staging** of materials in the basement and outside in the public parking areas if so
- requested. Contractor will be allowed on-site parking at the adjacent parking spots on the surrounding streets. 6. The contractor must cooperate with the Owner's need for security anywhere within the existing facility, and as the work affects any of the existing building services, such as electrical power and gas. Security concerns will
- be reviewed during the pre-construction with the Owner. 7. Provide construction barriers around all areas of proposed work to protect the general public and the Owner's operations employees from construction activity. Clean any public areas outside barriers every day following
- construction activity 8. Cutting and patching of existing walls, ceilings and floors may be necessary as a part of this work. Confirm condition and construction of all walls and existing construction slated to remain. No additional compensation will be made for minor patching necessary after existing wall finish, floor finish are removed, or for those surfaces that remain.
- 9. Payments to the Contractor will be made following the procedure listed in the project manual and after Contractor has completed and submitted an application for payment on AIA form G701 and 702.
- 10. Become aware of any buried utility lines or hidden elements on or near the area of construction and protect same during construction.
- 11. Notify Owner and Architect prior to cutting or modifying any utility lines
- 12. All streets and drives shall remain open at all times during construction. Park only in designated spaces
- 13. Storage of materials on-site shall be allowed at the Contractor's risk 14. Familiarize yourself with all on-site conditions prior to construction and notify Owner and Architect of any
- discrepancies discovered with investigation. 15. The Owner's normal business hours are 7:00 AM to 5 PM M-F. However, the Owner often schedules meetings in the evenings in addition to the normal hours listed. Unless otherwise approved by the Owner, the Contractor is expected to limit on-site work to these same hours, to limit loud construction noise during that time and to
- work around the Owner's need to occupy the building. 16. Coordinate egress requirements with Owner and local Fire Marshall prior to beginning construction. Egress around the construction areas will be required at all times. The exact manner of egress during any point of
- construction shall be negotiated with the Owner and Fire Marshall. 17. Provide material submittals in a timely manner to coordinate with construction timing and material flow. Provide submittals as designated elsewhere in these Spec Notes. Allow for a minimum of one week for Owner
- 18. Provide necessary trained technical personnel to layout work on site.
- 19. Final clean site prior to requesting final review for substantial completion. Substantial completion will not be certified until entire site is cleaned and all of this Contractor's materials and equipment are removed and properly disposed.
- 20. SPECIAL NOTE: Prior to final acceptance, the Owner and Architect will ask the ILA for a final audit of the work performed to ensure that the building substantially complies with the ADA as outlined on the survey forms attached to this package. The limits, dimensional ranges, locations and requirements as shown on the general information sheet as well as the work tasks that indicate modifications and the survey at the end define the scope of work for ADA compliance. If the installed work does not fall within the ranges or follow the requirements as shown and also referenced in the ADA standards for Accessible Design, then the contractor shall be responsible to modify the work to fall within compliance. If the work is installed correctly, but the final audit identifies additional work that must be performed, the Owner and Architect will work with the Contractor
- to negotiate a change order that achieves that goal. 21. The specific manufacturers and materials listed below are for the contractor's guidance for the level of quality and performance in the finished work on this project. If the contractor wishes to make a substitution of any of the listed materials or manufacturers, the substitution must be made in writing prior to the bid, and if found acceptable will be included in an addendum. It is the Owner and Architect's intent to not make any substitutions after the bid.

DIVISION 2- SITE WORK

- 1. See notes on G-1.0. Any discrepancies between the notes on that sheet and those shown below shall revert to
- those on the plan sheet. 2. Contractors shall review each area of work to familiarize themselves with the effort required and precautions
- necessary to pursue the work and protect existing spaces, or building exteriors to remain. 3. Clean all areas and spaces where the selective demolition and preparation work has occurred. Remove paint, mortar, oils, putty and any other accessory items of similar nature.
- 4. Assumed allowable net soil bearing capacity = 1500 PSF for continuous footings and slabs-on-grade 5. All fill material under slabs-on-grade shall consist of controlled granular fill compacted to at least 95% of
- maximum standard proctor dry density, and be a minimum of 6" deep.
- 6. Demolish, remove and properly dispose of all materials, features and appurtenances including but not limited to paving, excavated soils, masonry, wall framing and gypsum board and accessories.

DIVISION 3- CONCRETE

- 1. All concrete design and construction shall conform to the basic building code requirements and those of the latest edition of following American Concrete Institute Standards: ACI #'s 318, 301, 315, 347, 305, and 306
- 2. All concrete used in the work shall be normal weight with the following 28 day compressive strengths: Exterior Slabs-on-grade- 4000#
- 3. All Reinforcing steel shall be in accordance with the following standards:
- a. Rebars- ASTM 615 Grade 60 4. Maintain the minimum concrete coverage for reinforcing as indicated unless otherwise noted on the drawings:

Submit source of both fine and coarse aggregates.

- a. 3" clear where concrete is deposited directly against earth
- b. 2" clear where concrete is exposed to earth or weather but poured against forms for bars #6 and larger
- c. 1-1/2" clear where concrete is exposed to earth or weather but poured against forms for bars #5 and smaller d. 3/4" clear for concrete slabs and wall surfaces not exposed to earth or weather
- 5. Bend all horizontal bars 36 bar diameters past each corner or provide equivalent corner bars matching
- horizontal reinforcement 6. Submit proposed design mixes for review prior to delivering any concrete. Mix designs shall give the dry weight of cement, dry weight fly ash, saturated dry weights of coarse and fine aggregate, brand name and quantity of admixtures where applicable, and gallons of water, all as required for one cubic yard of concrete.

DIVISION 4- MASONRY

1. None anticipated.

DIVISION 5- METALS

1. Submit shop drawings and indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations and details where applicable. Indicate welded connections using standard AWS welding symbols. Indicate net weld lengths.

DIVISION 11- MISCELLANEOUS EQUIPMENT

1. None anticipated

1. None anticipated

elevators.

DIVISIONS 15 AND 16-MECHANICAL AND ELECTRICAL

representative before modifying or altering them.

1. Coordinate required modifications and adjustments to existing elevator equipment to

1. Any and all necessary mechanical and electrical work shall conform to current applicable codes in effect in this

area and for this work. Coordinate any work on existing building systems with Owner's designated

achieve the goals of the cited deficiency with the Owner and existing elevator service

contractor. Also coordinate with maintenance agreement currently in place for these

1. None anticipated

DIVISION 12- FURNISHINGS

DIVISION 13- EQUIPMENT

DIVISION 14- CONVEYING DEVICES

- Material Quality shall conform to the following standards: Steel Sections: ASTM A36. Steel Tubing:
- ASTMA500, Grade B, ASTMA501, ASTMA53, Grade B. Bolts, Nuts and Washers: ASTM A307. Welding Materials: AWS DI. 1; type required for materials being welded.
- following: Verify dimensions on site prior to shop fabrication. Fabricate items with joints tightly fitted and secured. Fit and shop assemble in largest practical sections, for delivery to site. Grind exposed welds flush and smooth with adjacent finished surface. Ease exposed edges to small uniform radius. Exposed Mechanical Fastenings: Flush countersunk screws or bolts, unobtrusively located, consistent with design of structure, except where specifically noted otherwise. Make exposed joints butt tight, flush, and hairline.

For fabrication of hand and guard railings and other miscellaneous pieces and all accessories, comply with the

- Supply components required for anchorage of metal fabrications. Fabricate anchorage and related components of same material and finish as metal fabrication, except where specifically noted otherwise.
- 4. Clean surfaces of rust, scale, grease and foreign matter prior to finishing. Do not prime steel surfaces in direct contact bond with concrete or where field welding is required. Prime paint all steel fabricated items with one
- Provide rails and miscellaneous pieces from standard prime painted steel stock. 6. Cope, weld and grind smooth all connections for rail. Prime paint prior to delivery to site.

- 1. Provide finish millwork and cabinet work and install existing millwork as shown on the drawings complying with AWI Custom Quality Standards. Finishes will be chosen from a full range of colors for solid surfaces and laminates as manufactured by Formica, Wilsonart or Architect approved equivalent. SPECIAL NOTE:
- Wherever possible, the new finishes shall match existing materials including manufacturer type and style. 2. The general design intent is defined by the drawings. Submit shop drawings prior to manufacturing of any of
- the millwork items. 3. Cabinet hardware shall be consistent through-out and from a single manufacturer; Lawrence, Stanley, Knapp-
- Vogt or Architect approved equivalent 4. Final installed items shall be free of defects, plumb, level and square. All joints shall be flush and even, and compliant with the design intent illustrated by the drawings. Contact Architect to clarify any items in this
- Provide shelving on Knapp-Vogt standards in storage areas and within cabinets as shown. Utilize 3/4" plywood or particleboard fully-wrapped in white melamine laminate.

DIVISION 7- THERMAL/MOISTURE PROTECTION

as manufactured by Sonneborn or Architect approved equivalent.

Provide sealants appropriate to the surrounding construction. All sealants shall be from a single source. Provide sealants appropriate to the surrounding construction. All sealants shall be from a single source. Sealant shall be white interior grade latex for all areas to be painted. Seal all gaps between counter tops or cabinets and

adjacent wall surfaces with clear sealant. All sealants for exterior use shall be one-part urethane such as NP-1

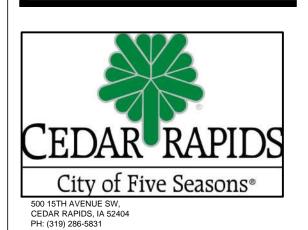
DIVISION 8- DOORS AND HARDWARE

1. None anticipated, except for specific work involved in modifying or adjusting existing doors and hardware

- 1. SPECIAL NOTE: Any wall surface affected by work in this project shall be re-coated and refinished to obtain a smooth uninterrupted and unblemished surface. For instance, if a wall mounted item is moved and results in mounting holes exposed from the original location, the holes shall be filled, and the entire wall surface shall be refinished (meaning the holes, blemishes and discolorations shall all be properly treated and the surface, from corner to corner, floor to ceiling, shall be repainted).
- 2. The Owner has a list of the finish materials used in the remodeling of this building completed in 2012. These materials shall be used as a guide for all changes that affect finishes in this work.
- Provide metal stud framed gyp-board walls, where existing walls are shown to be replaced or modified. Utilize
- 25 gauge 3-5/8" metal studs typically. Provide 20-gauge sheet metal backing in walls where any wall-mounted fixtures, grab bars or brackets of any kind are to be installed. Backing shall span a minimum of 2 studs and be fully anchored to studs prior to applying wallboards and finishes. Height of backing shall correspond to 2X the height of the item to be wallmounted in the locations as shown on the drawings
- 5. Provide 5/8" gyp board for all interior surfaces (use type-X gyp board for any fire rated walls) Fasten to framing utilizing self-tapping screws. Fill all screw holes and joints prior to paint. Comply with expected
- quality for commercial grade construction for plumb, square and level to achieve defect-free results.
- Utilize gypsum wall-board products and accessories as manufactured by USG or approved equivalent. 7. Final installation shall have a smooth, continuous, uninterrupted surface free of break joints or seams.
- 8. Paint only when temperature is 50 degrees or warmer, and relative humidity is less than 85%
- 9. Take precautions to protect all existing floor finishes from construction activity. If damaged, replace vinyl, carpet or quarry tile pieces with matching units.
- 10. Provide ceramic wall and floor tile in areas as shown on the plans. Utilize the tile products to match existing as close as possible. Provide coved ceramic tile base matching the floor tile and by the same manufacturer. Comply with all manufacturers recommendations for tile installation procedures and completed work. Utilize
- subcontractors familiar with ceramic tile work and acceptable to the Owner.
- 11. In the basement, utilize epoxy floor finish that matches the surface installed on that level 12. On all existing historic spaces, such as the 4 main corridors of the building and the stairs, the floor finish is
- terrazzo, and the wall base is granite. In these locations the floor shall be repaired with matching terrazzo, and the granite repaired with matching material, cut from stock pieces the Owner has stored.
- 13. Provide 4" vinyl or rubber base for all other general office areas as manufactured by Johnsonite, Armstrong or Architect approved equivalent.
- 14. Utilize paint products manufactured by Sherwin Williams or Architect approved equivalent and as shown on the Owner's finish board from the original remodeling.
- 15. For all metal surfaces, provide 1 rust-inhibitive type prime coat and 2 finish coats of industrial enamel
- 16. For all gyp board surfaces, provide one coat latex primer and cover with two coats eggshell enamel. 17. For all masonry surfaces, provide 1 coat commercial block filler, 1 coat primer and 2 coats eggshell enamel.
- 18. Paint all exposed surfaces of gyp board, block and prime painted metals

DIVISION 10- SPECIALTIES

- 1. Provide Grab Bars in configurations matching existing or in new configurations as designated on the plans, and as manufactured by Bobrick or Architect approved equivalent.
- 2. Provide metal framed chrome-finished mirrors in locations as shown on the drawings and in sizes similar to the existing units. Coordinate sizes prior to ordering units. Sizes as shown on the drawings are approximate and all mirror sizes must be field verified. Provide adequate sub-framing behind the mirrors to provide support for new units. Mirrors shall be as manufactured by Bobrick or Architect approved equivalent.
- Provide solid plastic toilet partitions and partition hardware to match existing as closely as possible; as manufactured by Bobrick, ASI, Bradley, or Global.
- SPECIAL NOTE: For restrooms with the historic marble partitions and nickel hardware, utilize stock material as salvaged by the Owner for modifications to these partitions to achieve the goals of the Historic Preservtion
- 5. Provide stair tactile warning treads at locations shown; as manufactured by Amstep Products Siteline high visibility anti-slip stair tread/nosings; or equal.



Ameni DESIGN CEDAR RAPIDS, IOWA 52404 PH: (319) 378-1401 FAX: (319) 378-1975

CEDAR RAPIDS CITY HALL ADA COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

101 1ST ST SE,

PROJECT #: G0025.R0682

Issue & Revision Dates **CITY REVIEW** 02/23/2017 FINAL CITY REVIEW 03/24/2017 CITY REVIEW - UPDATE 04/05/2017 **BID SET** 05/03/2017

SPECIFICATIONS



TO BE TAKEN CARE OF BY CONTRACTOR
IN BASE BID CONTRACT
TO BE TAKEN CARE OF BY CITY
TECHNICALLY INFEASIBLE
EMPLOYEE ONLY AREA; TO BE TAKEN
CARE OF WHEN EMPLOYEE WITH
DISABILITY WORKS HERE
NOT REQUIRED BY ILA REPORT
SHPO HISTORIC FEATURED; NOT TO BE
ALTERED

REPORT TO THE CITY OF CEDAR RAPIDS

Section: City Hall

July 25, 2016

Legend of Abbreviations

aff... above the finished floor (or above the finished ground)
AR... Accessible Route
CIL... Change in Level
CFS...Clear Floor Space
Ibf... Pounds of Force

Background

RAC staff conducted an access audit at City Hall. Our findings are below.

There are three format additions in this report. We included cells for these items: responsible employee (required by regulation), progress towards completion (best practice), and date of completion (required by regulation). We have added the projected costs of work as a best practice, and costs are found in the transition grid.

1.1 Parking - [CHECKLIST] signage lacks fine designation CH1; sign mounted 45" aff CH2, CH3; lacks van signage CH1; aisles do not connect to accessible route CH4

Recommendations (City Hall is a site designated as accessible so 1.1.1 through 1.1.4 is integral to compliance with title II program access test):

- 1.1.1 Acquire and mount correct fine sign for all stalls per state or local statute (CH1)
- 1.1.2 **Raise** existing accessible parking signs so lowest end of bottom sign is min 60" aff (CH2, CH3)
- 1.1.3 *Add one van parking sign* to one accessible stall (CH1)
- 1.1.4 **Reconfigure** accessible stalls to avoid requiring pedestrians to cross vehicular way, **in the alternative**, **leave as is** with striped crosswalk (CH4)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.2 Exterior Accessible Route (includes common area and stairs)[CHECKLIST-EAR] [CHECKLIST-STAIRS] [CHECKLIST-RAMP]

Exterior Route: employee patio lacks route and accessible tables CH5, CH6, CH7; one bike rack located off route CH10; .5" CIL from permit parking to rear entrance CH11, CH12; 6.2% running slope from rear exit CH8, CH9

Recommendations (City Hall is a site designated as accessible so 1.2.1 through 1.2.4 is integral to compliance with title II program access test):

- 1.2.1 *Create* an accessible exterior route to exterior seating area and tables (CH5,
- CH6, CH7)
 1.2.2 *Leave as is* inaccessible bike rack, others provided (CH10)
- 1.2.3 *Repair, bevel, or ramp* CIL along AR (CH11, CH12)
- 1.2.4 *Correct or repair* sidewalk running slope along AR to max 5% (CH8, CH9)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

<u>Stair</u>

Front Entry: lack handrail extensions at top and bottom of run CH787, CH788

Exit from Basement: riser heights fail CH794, CH795, CH796; tread depths fail CH793; lacks detectable warning at top of run (checklist); handrail on one side only CH767

Recommendations (City Hall is a site designated as accessible so 1.2.1 through 1.2.5 is integral to compliance with title II program access test):

- 1.2.1 *Install* handrails on both sides of stairway with top and bottom extensions at front entry (CH787, CH788)
- 1.2.2 **Correct riser heights** on stairs so they are a consistent height between 4" to 7"; leave as is if technically infeasible at exit from basement (CH794, CH795, CH706)
- 1.2.3 *Correct tread depth* on stairs so they are 11" minimum and consistent, leave as is if technically infeasible at exit from basement (CH793)
- 1.2.4 *Install* detectable warning strip on top tread of each stairway as a smart
- practice (checklist)

 1.2.5 *Install* handrails on both sides of stairway, mounted 34" to 38" aff with top and bottom extensions and having a 1.25" 2" in diameter, or a non-circular grip that has a perimeter dimension of 4"- 6.25" max at exit from basement (CH767)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

Ramps:

Accessible: 9% and 8.8% running slope on top run CH805, CH806, CH807, CH808; handrails not continuous CH809

Inaccessible: rise of ramp run too high CH811; 9.4% running slope CH810, CH811; top landing lacks required clearance CH812; handrail extensions fail CH813

Recommendations (City Hall is a site designated as accessible so 1.2.1 through 1.2.6 is integral to compliance with title II program access test):

- 1.2.1 *Correct slope* of ramp to max 8.33% where indicated (CH805, CH806, CH807, CH808, CH810, CH811)
- 1.2.2 **Replace** handrail with one that is continuous (CH809)
- 1.2.3 **Shorten** ramp run to max 30' or a max of 30" rise where indicated (CH811)
- 1.2.4 *Enlarge landing* to be 60" deep and as wide as the ramp (CH812)
- 1.2.5 *Install* handrails with compliant extensions at top and bottom of run (CH813)
 1.2.6 In the alternative, *leave as is* and maintain signage directing patrons to accessible ramp on other side of building (checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.3 Exterior Entry Signage - [CHECKLIST] no issues

1.4 Exterior Entry Doors - [CHECKLIST]

Maneuvering Clearance: inaccessible side entry- door swing obstructs clearance at power door opener CH42; maintenance office in rear- recessed 11" on push side CH79, CH80; and cone on pull side CH81; basement hall exit- 21" back to 3.5" CIL CH129, CH130, CH131

<u>Dimension (32"X80"):</u> main front entries (3 doubles)- each leaf 26" wide CH54, CH55; basement hall exit- 27" wide CH127, CH128

Change in Level: double door to back exit (auto)- mounded carpet CH78

Hardware: main front entries (3 doubles)- push bars protrude 5" CH56, CH57

LBF: 9 of 9 doors with closers exceed 8.5 lbf (checklist)

Closer: 2 of 9 doors with closers close too quickly (checklist)

Series of Doors main front entries (3 doubles)- 37.75" clearance between doors CH52, CH53

Recommendations (City Hall is a site designated as accessible so 1.4.1 through 1.4.8 is integral to compliance with title II program access test):

NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, section 404 of the 2010 Standards.

- 1.4.1 For all doors along the public circulation route, *provide* required maneuvering clearance on push and pull side of doors (CH42, CH79, CH80, CH81, CH129, CH130, CH131)
- 1.4.2 For all doors along the public circulation route, widen doors to 32" for any doors indicated (CH54, CH55, CH127, CH128)
- 1.4.3 For all doors along the public circulation route, *repair, bevel, or ramp CIL* at door entries to max .25" (CH78)
- 1.4.4 For all doors along the public circulation route, replace hardware with hardware that does not project more than 4" from the face of the door where indicated (CH56, CH57)
- 1.4.5 For all doors along the public circulation route, *inspect, adjust, and maintain* 8.5 lbf to open exterior doors as a smart practice (checklist)
- 1.4.6 For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers (checklist)
- 1.4.7 For all doors along the public circulation route, *install a power door opener* that opens both sets of doors simultaneously, keeping them open for an adequate amount of time to allow patrons entry, in the alternative, relocate second set of doors at least 80" from the first set (CH52, CH53)
- 1.4.8 *Upon renovation*, make above corrections to employee only doors

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager 319/286-5809	regarding steps taken or work completed)	

1.5 Elevator or Lift - [CHECKLIST]

Facilities Maintenance Manager

319/286-5809

West: visible signals 1.5" tall CH797, CH798; elevator lacks audible signals for up and down (checklist); grab bar on rear wall only (checklist); interior car dimensions fail: 46" deep from rear wall and 52" to door from rear wall CH799, CH800

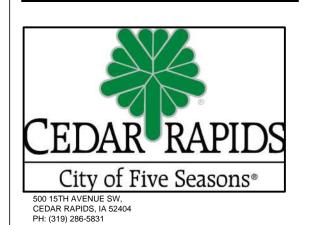
East: 1.5" gap to elevator CH801, CH802; grab bar on rear wall only (checklist); hardware fails on communication box CH803, CH804; communication box requires more than 5 lbf to open (checklist)

Recommendations (City Hall is a site designated as accessible so 1.5.1 through 1.5.6 is integral to compliance with title II program access test):

- 1.5.1 **Replace** visible signals at <u>West elevator</u> with ones that are min. 2.5" in the smallest dimension (CH797, CH798)
- 1.5.2 *Program elevator car audible signals* to chime once for up and twice for down, *or replace* audible chimes with verbal enunciators at <u>West elevator</u>
- 1.5.3 *Install* handrails on three walls of elevator mounted between 32" and 36" aff in both elevators (checklist)
- 1.5.4 Leave as is, interior car dimensions at West Elevator, infeasible to correct (CH799, CH800)
 1.5.5 Adjust and reduce gap at elevator entry to max 1.25" at East elevator (CH801,
- CH802)
 1.5.6 *Replace* hardware on communication box with one that does not require tight pinch or grasp or more than 5 lbf to access at <u>East elevator</u> (CH803, CH804,
- Responsible Employee Progress Towards Completion Phase
 Brent Schlotfeldt (insert periodic notes 9/1/2018

regarding steps taken or

work completed)



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CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Drawing
ADA VIOLATIONS REPORT - EXTERIOR -

FOR REFERENCE ONLY

G5.01

MAIN LEVEL

1.6 Interior Doors - [CHECKLIST]

Maneuvering Clearance cashier 131- cubicle on push side CH13; and bin on pull side CH14; purchasing to treasurer 127- shredder on push side CH15; purchasing to front hall 127-8" to chair on push side CH16, CH17; purchasing 127 from back hall-17.5" to wall on pull side CH19, CH20; east post conference room 147- 43.5" back to chair on pull side) CH23, CH24; west post conference room 146-47" back to chair on pull side CH25, CH26; storage 137- 10.5" to cabinet on pull side CH28, CH29; A 138- chair on pull side CH30; Amy's office 139- chair on pull side CH31, CH32; and cabinet back (checklist); conference room 140- 29" back to chair on pull side CH33, CH34; clerk exit 142- 8" to counter on push side CH35, CH36; and chair back on pull side) CH37; small closet in clerk lobby- blocked by chair CH38; and interior not large enough CH39; community development- counter on push side CH63; (interview room) (1- 15" to recycling bin) CH64, CH65; interview room 2- 43" back to cabinets on push side CH66, CH67; housing service from main area 116- 15" to partition on pull side CH68, CH69; and 50" to beam on push side CH70, CH71; Sara's office 120-40.5" pack to chair on pull side CH72, CH73; housing from back hall 119- 17.5" to wall on ull side) CH74, CH75; (Paula's office 121- chair back on pull side (checklist); ma oom- 13.25" to counter on pull side CH76, CH77; HR from back hall 112- 11" to wall on pull side CH85, CH86; storage 114- shredder on pull side CH87; Heath's of

(110- 36" back to chair on pull side CH88, CH89; and partition on push side CH90, CH91; (Bonnie's office 109- chair 38" back on pull side CH92, CH93; (HR to side hall rom main area- 50" back to wall on pull side CH94, CH95; HR conference room 10 .5" back to chair on pull side CH96, CH97; HR office 102- desk 44.5" back on p side CH98, CH99; women's restroom- trash can on pull side CH100; (T in HRequipment back on pull side CH107; recessed 22" CH105, CH106; and 1.5" CIL in MC CH104, CH105; Jan's office 111- chair back on pull side CH111; janitor near entryinterior not large enough CH115; and wall on pull side CH112, CH113; closet near entry- interior not large enough CH119; and 17.5" to wall on pull side CH116, CH117

Dimension (32"X80"): small closet in clerk lobby- 29" wide CH40, CH41; main entry (double sets)- 26" wide CH49, CH50; storage 123- 28" wide CH83, CH84; double from reezeway to hall- small on pull side CH82; IT in HR- vault frame 31" wide CH108, CH109; janitor near entry- 21.5" wide CH114, CH115; closet near entry- 21.5" wide CH118, CH119

Hardware men's restroom- small hardware on pull side CH47; main entry (3 double sets)- small on pull side CH48

LBF: 33 of 33 doors with closers exceed 5 lbf (checklist)

Closer: 7 of 33 doors with closers close too quickly (checklist)

Series of Doors main entry (3 double sets)- 37.75" clearance CH52, CH53

Recommendations (City Hall is a site designated as accessible so 1.6.1 through

1.6.7 is integral to compliance with title II program access test): NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, section 404 of the 2010 Standards.

- 1.6.1 For all doors along the public circulation route, *provide* required maneuvering clearance on push and pull side of doors (CH13, CH14, CH15, CH16, CH17, CH19, CH20, CH23, CH24, CH25, CH26, CH28, CH29, CH30, CH31, CH32, CH33, CH34, CH35, CH36, CH37, CH38, CH39, CH63, CH64, CH65, CH66, CH67, CH68, CH69, CH70, CH71, CH72, CH73, CH74, CH75, CH76, CH77, CH85, CH86, CH87, CH88, CH89, CH90, CH91, CH92, CH93, CH94, CH95, CH96, CH97, CH98, CH99, CH100, CH107, CH105, CH106, CH104, CH111, CH115, CH112, CH113, CH119, CH116, CH117, checklist)
- 1.6.2 For all doors along the public circulation route, *replace* door with one having 32" clear width (CH40, CH41, CH49, CH50, CH83, CH84, CH82, CH108, CH109, CH114, CH115, CH118, CH119)
- 1.6.3 For all doors along the public circulation route, *replace hardware* with lever hardware where indicated (CH47, CH48)
- 1.6.4 For all doors along the public circulation route, *inspect, adjust, and maintain* 5 lbf to open interior doors (checklist)
- 1.6.5 For all doors along the public circulation route, *inspect, adjust, and maintain* closing speed on door closers (checklist) 1.6.6 **See 1.4.7** for correction to series of doors clearance at main entry (CH52,
- 1.6.7 For employee only doors, make above corrections *upon renovation*

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager 319/286-5809	regarding steps taken or work completed)	

Interior Accessible Route (includes common area and stairs) -[CHECKLIST-INTERIOR] [CHECKLIST-STAIRS]

Interior Route: 1 of 3 public entries accessible (checklist); soap dispenser high in llcove near finance entry on second floor CH316, CH317; protruding objects: AED near stairs on each floor CH312, CH313; pipe in basement CH303, CH304; TVs CH305, CH306, CH314, CH315; and fire extinguisher boxes CH298, CH299, CH301, CH302; lacks high bowl drinking fountain on third floor CH319; recessed basement ountains heights fail) CH309, CH310; third floor fountain spout height 36.5" near city nanager's suite CH320, CH321

Service Counter: no issues

Recommendations (City Hall is a site designated as accessible so 1.7.1 through 1.7.5 is integral to compliance with title II program access test): (Interior Route)

- 1.7.1 **Provide one more** accessible entry to meet 60% accessible (checklist)
- 1.7.2 **Lower operating mechanisms** along the interior AR to max 48" aff or 44" aff for forward reach over a counter to the highest operable part (CH316, CH317)
- 1.7.3 *Relocate protruding objects* along the interior AR or place cane detectable warning or bollard at foot of protrusions (CH312, CH313, CH303, CH304,
- CH305, CH306, CH314, CH315, CH298, CH299, CH301, CH302) 1.7.4 **Replace drinking fountain** with hi-lo bowl on third floor (CH319)
- 1.7.5 **Lower** drinking fountains to correct the height of the spout outlets where indicated (CH309, CH310, CH320, CH321)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

Stairs:

Handrails: all interior gripping surfaces too large CH755, CH766, CH766, West stairs- one side only to basement CH750, CH751; inside rail not continuous CH752, CH753; handrail extensions fail CH746, CH747, CH754; and lack required handrail learance CH748, CH749; east stairs- one side only to basement CH757, CH758; nside rail not continuous CH761, CH762; and handrail extensions fail CH759, CH760, CH763, CH764

Recommendations (City Hall is a site designated as accessible so 1.7.1 is integral to compliance with title II program access test): (Stairs)

1.7.1 *Install* handrails on both sides of stairway, mounted 34" to 38" aff with top and bottom extensions and having a 1.25" – 2" in diameter, or a non-circular grip that has a perimeter dimension of 4"- 6.25" max that is continuous for the full length of the stair run (CH755, CH756, CH765, CH766, CH750, CH751, CH752, CH753, CH746, CH747, CH754, CH748, CH749, CH757, CH758, CH761, CH762, CH759, CH760, CH763, CH764)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) - [CHECKLIST]

36" Access Aisle: west post conference room 146- reduces at table CH350, CH351; HR conference room 104- narrows to 18.5" at table CH431, CH432

Floor Surfaces: back breezeway- .5" CIL CH402, CH403

Clear Floor Space: interview room 1- outlets CH382; interview room 2- outlet CH385; back breezeway- badge reader CH404

Reach Range: break area- paper towels 51" aff, and soap dispenser CH414, CH415

Work Surfaces: west post conference room 146- table lacks toe clearance CH349; erview room 1- 26.5" knee clearance CH383, CH384; HR conference room 104acks toe clearance CH433

Sinks: break area- 34.25" aff and lacks CFS due to storage CH412, CH413

Recommendations (City Hall is a site designated as accessible so 1.8.1 through 1.8.6 is integral to compliance with title II program access test):

- 1.8.1 *Relocate obstacles* to create AR through (CH350, CH351, CH431, CH432)
- 1.8.2 *Repair, bevel or ramp* CIL in rooms indicated (CH402, CH403)
- 1.8.3 Remove, or relocate storage in CFS at fixtures and operable parts (CH382, CH385, CH404)
- 1.8.4 Lower operating mechanisms in spaces indicated to max 48" aff to highest operable part (CH414, CH415)
- 1.8.5 *Replace* one table with one that provides required knee and toe clearance
- where indicated (CH349, CH383, CH384, CH433)
- 1.8.6 *Remove* storage from CFS at sink; leave as is sink height citing construction tolerance (CH412, CH413)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager	(insert periodic notes	9/1/2018

work completed)

319/286-5809

Employee Offices and Spaces - [CHECKLIST]

36" Access Aisle: cashier 131- narrows at cubicle CH324, CH325, CH326, CH327; IT 132- storage obstructs CH331; clerk storage 137- storage on floor CH353, CH354; issa's office 138- reduces to 31.5" at chair CH360, CH361; conference room 140duces around table CH365, CH366, CH367, CH368; small closet in clerk entry- to mall for entry CH377; Sara's office 120- 24" to back of desk CH388, CH389; cubicle rea in housing- reduces to 28" to Maria and Jim's desks CH392, CH393; and some er cubicle entries too narrow (checklist); maintenance office- storage and chair CH397, CH398; storage room 123- reduces to 29.5" at boxes CH405, CH406; and lacks between cabinets CH407, CH408, CH409, CH410; storage room 114- storage obstructs and not large enough (checklist); Heath's office 110- narrows to 26.75" desk CH417, CH418; Bonnie's office 109-27" to desk CH423, CH424; Jan's office 111-reduces to 26.5" at desk CH437, CH438; front closets near accessible entrystorage and sink (checklist)

80" Overhead: maintenance office- vent hanging CH397

60" Turning Space: IT 132- equipment and storage CH331; conference room 140table CH366; small closet in clerk entry- too small for entry CH377; Sara's office 120 cks due to furniture CH389; storage room 123- storage obstructs CH406; storage niture obstructs) <u>CH418;</u> Bonnie's office 109- furniture obstructs) <u>CH424; Jan's offi</u> - furniture) <u>CH436; (T in HR- equipment) CH434;</u> front closets near accessible en 6" deep and 59" wide (checklist)

Protruding Objects: IT 132- supports CH332, CH333; storage 134- desk CH339, CH340; Judy's office 128- desk protrudes CH345, CH346; clerk lobby- 6" counter CH373, CH374; community development main area- 6" counter CH378, CH379; Sara's office 120- desk) CH390, CH391; maintenance office- key box CH400; (Heath's office 110- desk CH420, CH421; Bonnie's office 109- desk CH424; Conni's office 108desk) CH427; Jenelle's office 107- desk CH430; Jan's office 111- desk CH436

Clear Floor Space: cashier 131- light CH329; storage 134- thermostat CH338; purchasing main room- fire extinguisher and light CH341; clerk storage 137microwave) CH356; work/copy room- thermostat CH357; and blind pull CH358; (Amy's office 139- thermostat) CH363; conference room 140- thermostat, printer, and phone CH369, CH370; clerk cubicle area- thermostat CH371; community development main area- light) CH381; and thermostat) CH380; Sara's office 120- thermostat CH387; cubicle area in housing- thermostat CH394; and key box CH395; (Paula's office 121thermostat) CH396; maintenance office- alarm panel CH399; storage room 123- light and thermostat) CH411; storage room 114- light) CH416; Jenelle's office 107thermostat CH429; front closets near accessible entry- switches CH440

Reach Range: Michele's office 133- hook 67" aff CH334, CH335; storage 134- hook 67" aff CH336, CH337; purchasing main room- coat rack CH342; Judy's office 128hook 67" aff) CH343, CH344; purchasing cubicle area- mail box CH347, CH348; clerk storage 137- microfilm reader high CH355, CH356; Alissa's office 138- hook CH359; Amy's office 139- hook CH362; clerk cubicle area- coat rack CH372; clerk lobby- blind pull 60" aff) CH375, CH376; Sara's office 120- hook on door CH386; Paula's office 121hook on door (checklist); cubicle area in housing- key box over counter CH395; maintenance office- alarm panel CH399; Heath's office 110- hook CH419; (Bonnie's office 109- hook CH422; Conni's office 108- hook CH426; Jenelle's office 107- hook CH428; Jan's office 111- hook CH439; two closers near accessible entry- first aid kit

Operable Parts: work/copy room- blind pull requires tight pinch or grasp CH358; clerk lobby- blind pull requires tight pinch or grasp CH376; main HR area- fire extinguisher box requires tight pinch or grasp CH425; HR lobby 102- blind pull requires tight pinch or grasp (checklist)

Recommendations (City Hall is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):

- 1.9.1 Employee only area permit approach, entry, and exit, *relocate obstacles* to create AR through spaces indicated (CH324, CH325, CH326, CH327, CH331, CH353, CH354, CH360, CH361, CH365, CH366, CH367, CH368, CH377, CH388, CH389, CH392, CH393, CH397, CH398, CH405, CH406, CH407, CH408, CH409, CH410, CH417, CH418, CH423, CH424, CH437, CH438,
- 1.9.2 Employee only areas permit approach, entry, and exit, *relocate obstacles* to create turning space of 60" in spaces indicated (CH331, CH366, CH377, CH389, CH406, CH418, CH424, CH436, CH434, checklist)
- 1.9.3 For all other deficits, *leave as is*, employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (CH397, CH332, CH333, CH339, CH340, CH345, CH346, CH373, CH374, CH378, CH379, CH390, CH391, CH400, CH420, CH421, CH424, CH427, CH430, CH436, CH329, CH338, CH341, CH356, CH357, CH358, CH363, CH369, CH370, CH371, CH381, CH380, CH387, CH394, CH395, CH396, CH399, CH411, CH416, CH429, CH440, CH334, CH335, CH336, CH337, CH342, CH343, CH344, CH347, CH348, CH355, CH356, CH359, CH362, CH372, CH375, CH376, CH386, CH419, CH422, CH426, CH428, CH439, CH441, CH425, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.10 Assembly Areas - not applicable

1.11 Restrooms - [CHECKLIST-MULTIPLE USERS]

Both: mirrors mounted 40.5" aff CH816, CH817, CH839, CH840; pipe insulation not secured) CH818, CH841; sharps boxes out of reach range CH821, CH822, CH842, CH843; toilet seats too high CH828, CH829, CH848, CH849; toilet paper dispensers bstruct clearance over side grab bars CH832, CH833, CH849; stall doors lack compliant hardware CH834, CH835, CH850, CH851; protruding objects: shelves in both CH823, CH824, CH845; hand dryer and tampon dispenser in women's CH844, CH845, CH846, CH847

Men's: urinal 17.5" aff CH819, CH820; toilet centerline 19" from side wall CH825. CH826; rear wall grab bar not mounted correctly CH827, CH829; rear grab bar nounted high CH830, CH831; flush control on incorrect side CH829

Women's: stall door not self-closing (checklist)

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.12 is integral to compliance with title II program access test): (Multiple

- 1.11.1 Lower mirror so reflective surface is max 40" aff in both (CH816, CH817, CH839, CH840)
- 1.11.2 *Insulate exposed pipes* under one sink in both (CH818, CH841)
- 1.11.3 Lower sharps boxes to max 48" to highest operable part in both (CH821, CH822, CH842, CH843)
- 1.11.4 *Replace* toilet seat, or re-set or replace toilet to 17" to 19" aff in both (CH828,
- CH829, CH848, CH849) 1.11.5 **Remount toilet paper dispenser** max 7" to 9" from front of toilet, 15" to 48" aff
- and min 12" above or 1.5" below grab bar in both (CH832, CH833, CH849) 1.11.6 *Replace* stall hardware with hardware operable without a tight pinch or grasp in
- both (CH834, CH835, CH850, CH851) 1.11.7 *Relocate or recess* protruding objects to not interfere with general circulation path in both, protrusions can't be greater than 4" (CH823, CH824, CH845,
- CH844, CH846, CH847) 1.11.8 *Lower* urinal so that rim height is max 17" aff in men's (CH819, CH820)
- 1.11.9 **Remount** toilet to 16" to 18" from the side wall to centerline in men's (CH825.
- 1.11.10 **Remount rear grab bar** to behind the toilet, 12" to one side of center and 24" to the other and 33" to 36" aff in men's (CH827, CH829, CH830, CH831)
- 1.11.11 Replace toilet tank with one having flush mechanism on the open side, in the alternative, install an auto flush unit in men's (CH829)
- 1.11.12 Adjust stall door to be self-closing in women's (checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager	regarding steps taken or	
319/286-5809	work completed)	

- 1.12 Kitchen/Concessions not applicable
- 1.13 Locker Rooms not applicable
- 1.14 Aural and Visual Alarms [CHECKLIST] exterior maintenance office lacks compliant alarm (see rooms checklist)

Recommendations (City Hall is a site designated as accessible so 1.14.1 and 1.14.2 is integral to compliance with title II program access test):

- 1.14.1 *Install audible and visual alarms* in rooms and spaces where alarms have
- been installed since 1992 (checklist) 1.14.2 Upon renovation *install audible and visual* alarms in all rooms and spaces

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager	regarding steps taken or	
319/286-5809	work completed)	

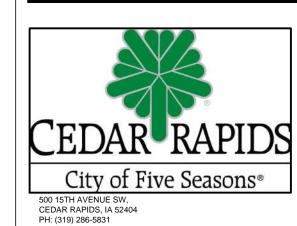
1.15 Directional and Permanent Space Signs - [CHECKLIST] some signage mounted high) CH322, CH323; lacks compliant exit signage (checklist); pictogram field not large enough on restroom signage) CH814, CH837; women's third floor restroom sign lacks CFS over drinking fountain CH321

Recommendations (City Hall is a site designated as accessible so 1.15.1 through 1.15.3 is integral to compliance with title II program access test):

- 1.15.1 *Create template for signs* that addresses height of sign, size of characters, location of Braille, and other requirements (CH814, CH837, checklist)
- 1.15.2 *Implement a sign revision program* throughout the building, discriminating between directional signs and signs for permanent spaces (checklist)
- 1.15.3 *Mount signage* at all permanent rooms/spaces having Braille and the international symbol of accessibility, mounted 48" to baseline of lowest character and 60" to the baseline of the highest character sign and on the latch side of the door (CH322, CH323, CH321, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.16 Other - not applicable



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BID SET 05/03/2017

CITY REVIEW - UPDATE 04/05/2017

01/20/2017

02/23/2017

03/24/2017

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

101 1ST ST SE,

Issue & Revision Dates

Description

REVIEW

CITY REVIEW

FINAL CITY REVIEW

ADA VIOLATIONS REPORT - MAIN FLOOR -FOR REFERENCE ONLY

SECOND LEVEL

1.6 Interior Doors - [CHECKLIST]

Maneuvering Clearance: finance conference room 216- 52" back to table on pull side CH231, CH232; (Yvonne's office 213- chair and desk on pull side CH233, CH234; Heidi's office 214- chair back on pull side CH235; Sue's office 218- table on pull side CH236; work room 218- printer back on pull side CH237; Sarah's office 222- chair on pull side CH238; storage 239- cabinets on pull side CH239, CH240; (Alison's office 223- chair and desk back on pull side CH241, CH242; (finance work room 227- pillar 51.25" back on pull side CH243, CH244; (TT 235- storage and equipment on pull side CH245, CH246; (and 47.25" to wall on push side CH247, CH248; (Casey's office 231- storage back on pull side CH249; (Andy's office 232- chair on pull side CH250; (Randy's office 233- chair and desk on pull side (checklist); finance exit 236- chair on push side CH251; janitor room by elevator- wall on pull side CH252; (women's restroom- trash can on pull side CH259; corridor to metro conference room- trash can on pull side CH260; storage 202- shelves 50.5" back CH261, CH262; (community development-coat rack on pull side CH263; (Ann K's office- desk 39.5" back on pull side CH264, CH265; (Adam L's office- 39" back to seat on pull side CH267, CH268; (men's restroom 212- 58" to wall on pull side CH269, CH270; (Kranse conference room- wall 44" back and garbage can on push side CH271, CH272

Dimension (32"X80"): janitor room by elevator- 29.5" wide CH253, CH254; (hallway to finance 236- 27.5" wide CH255, CH256

LBF: 15 of 15 doors with closers exceed 5 lbf (checklist)

Closer: 7 of 15 doors with closers close too quickly (checklist)

Side Lights: hallway to finance 236- 59.5" aff CH257, CH258

Recommendations (City Hall is a site designated as accessible so 1.6.1 through 1.6.6 is integral to compliance with title II program access test):

NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, section 404 of the 2010 Standards.

- 1.6.1 For all doors along the public circulation route, *provide* required maneuvering clearance on push and pull side of doors (CH231, CH232, CH233, CH234, CH235, CH236, CH237, CH238, CH239, CH240, CH241, CH242, CH243, CH244, CH245, CH246, CH247, CH248, CH249, CH250, CH251, CH252, CH259, CH260, CH261, CH262, CH263, CH264, CH265, CH267, CH268, CH269, CH270, CH271, CH272, checklist)
- 1.6.2 For all doors along the public circulation route, *widen* doors to 32" for any doors indicated (CH253, CH254, CH255, CH256)
- 1.6.3 For all doors along the public circulation route, *inspect, adjust, and maintain* 5 lbf to open interior doors as a smart practice (checklist)
- 1.6.4 For all doors along the public circulation route, *inspect, adjust, and maintain*
- closing speed on door closers (checklist)

 1.6.5 For all doors along the public circulation route, *replace doors* with ones having sidelight viewing windows max 43" aff (CH257, CH258)
- 1.6.6 *Upon renovation*, make above corrections to employee only doors

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

- 1.7 Interior Accessible Route (includes common area and stairs) see Main Level
- 1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) [CHECKLIST]

36" Access Aisle: reception- 27" to employee side CH678, CH679

<u>Protruding Objects</u>: <u>reception- counter</u> <u>CH682</u>, <u>CH684</u>; <u>Kranse conference room-television</u> (checklist)

Reach Range: reception- coat rack CH680, CH681

Work Surfaces reception-counter 39.75" aff CH683, CH684

Recommendations (City Hall is a site designated as accessible so 1.8.1 through 1.8.4 is integral to compliance with title II program access test):

- 1.8.1 **Relocate obstacles** to create AR through reception (CH678, CH679)
- 1.8.2 **Relocate protruding objects** in spaces indicated or place cane detectable warning or bollard at foot of protrusions (CH682, CH684, checklist)
- 1.8.3 **Lower operating mechanisms** in reception to max 48" aff to highest operable part (CH680, CH681)
- 1.8.4 **Lower** 36" wide segment of service counter to max 36" aff, in the alternative, train staff to come out from around the counter to provide customer service (CH683, CH684)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.9 Employee Offices and Spaces - [CHECKLIST]

36" Access Aisle: finance conference room- reduces to 31.75" around table CH635, CH636; storage room 239- storage obstructs CH648, CH649, CH650; Alison's office 223- reduces at desk CH653, CH654; IT room 235- equipment obstructs CH657; corridor metro- reduces to 32.5" CH671, CH672; Anne R's office- not to guest side of desk CH675, CH676; cubicle area- narrows to 33" for more than 2' in several areas CH685, CH686, CH687, CH688; Adam L's office- reduces to 29" to chairs CH692, CH693; work room- 23" to printer CH696, CH697; and 23.5" around counter CH700, CH701

60" Turning Space: finance conference room- table obstructs CH636, CH637; Yvonne's office 213- furniture obstructs (checklist); work room 218- too narrow CH644; storage room 239- storage obstructs CH650; IT room 235- equipment obstructs CH657; (Randy's office 233- furniture obstructs (checklist); janitor room by elevator-room not large enough CH670; Anne R's office- furniture (checklist)

Protruding Objects: Heidi's office 214- desk CH640; IT room 217- supports CH641; and panels CH642; office 221- desk CH646; Sarah's office 222- desk (checklist); Judy's office 224- desk CH652; Alison's office 223- desk CH654; IT room 235- supports CH658, CH659; end cubicle area- counter CH662, CH663; Casey's office 231- desk CH666; Andy's office 232- desk CH667; Randy's office 233- desk (checklist); janitor room by elevator- shelf CH669; Anne R's office- desk (checklist); Adam L's office- desk CH694; work room- counter CH698, CH699; Bill M's office- desk CH705; Betty's work area- counter CH707, CH708; Jennifer's office 211- desk CH711

<u>Clear Floor Space</u>: unused work area- thermostat <u>CH656</u>; end cubicle area- fire extinguisher) <u>CH664</u>; storage room 202- thermostat <u>CH673</u>; Anne R's office-thermostat (checklist); cubicle area- fire extinguisher <u>CH689</u>; Adam L's office-thermostat CH693; work room- first aid kit CH702

Reach Range: Yvonne's office 213- hook on door CH638; (Heidi's office 214- hook on door CH639; work room 218- hook on door CH643; office 221- hook on door CH645; Sarah's office 222- hook on door CH647; Judy's office 224- hook on door CH651; Alison's office 223- hook on door CH655; Casey's office 231- hook on door CH665; Andy's office 232- hook on door CH668; (Randy's office 233- hook on door (checklist); janitor room by elevator- first aid kit CH669; cubicle area- mail boxes 58" aff CH690, CH691; Anne R's office- hook on door CH677; (Adam L's office- hook on door CH695; work room- first aid kit CH702; (Bill M's office- white board CH703, CH704; (and hook CH704; Jennifer's office 211- hook on door CH709

Recommendations (City Hall is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):

- 1.9.1 Employee only area permit approach, entry, and exit, *relocate obstacles* to create AR through spaces indicated (CH635, CH636, CH648, CH649, CH650, CH653, CH654, CH657, CH671, CH672, CH675, CH676, CH685, CH686, CH687, CH688, CH692, CH693, CH696, CH697, CH700, CH701)
- 1.9.2 Employee only areas permit approach, entry, and exit, *relocate obstacles* to create turning space of 60" in spaces indicated (CH636, CH637, CH644, CH650, CH657, CH670, checklist)

36" Access Aisle; finance conference room- reduces to 31.75" around table CH635, CH636; storage room 239- storage obstructs CH648, CH649, CH650; Alison's office 223- reduces at desk CH653, CH654; (IT room 235- equipment obstructs CH657; corridor metro- reduces to 32.5" CH671, CH672; Anne R's office- not to guest side of desk CH675, CH676; cubicle area- narrows to 33" for more than 2' in several areas CH685, CH686, CH687, CH688; Adam L's office- reduces to 29" to chairs CH692, CH693; work room- 23" to printer CH696, CH697; and 23.5" around counter CH700, CH701

60" Turning Space: finance conference room- table obstructs CH636, CH637; Yvonne's office 213- furniture obstructs (checklist); work room 218- too narrow CH644; storage room 239- storage obstructs CH650; (IT room 235- equipment obstructs CH657; (Randy's office 233- furniture obstructs (checklist); janitor room by elevator-room not large enough CH670; Anne R's office- furniture (checklist)

Protruding Objects: Heidi's office 214- desk CH640; IT room 217- supports CH641; and panels) CH642; office 221- desk CH646; Sarah's office 222- desk (checklist); Judy's office 224- desk) CH652; Alison's office 223- desk CH654; IT room 235- supports) CH658, CH659; end cubicle area- counter CH662, CH663; Casey's office 231- desk) CH666; Andy's office 232- desk CH667; Randy's office 233- desk (checklist); janitor room by elevator- shelf CH669; Anne R's office- desk (checklist); Adam L's office- desk CH694; work room- counter CH698, CH699; Bill M's office- desk CH705; Betty's work area- counter CH707, CH708; Jennifer's office 211- desk CH711

<u>Clear Floor Space</u>: unused work area- thermostat) <u>CH656</u>; end cubicle area- fire extinguisher) <u>CH664</u>; storage room 202- thermostat <u>CH673</u>; Anne R's office-thermostat (checklist); cubicle area- fire extinguisher) <u>CH689</u>; (Adam L's office-thermostat) <u>CH693</u>; work room- first aid kit) <u>CH702</u>

Reach Range: Yvonne's office 213- hook on door CH638; (Heidi's office 214- hook on door CH639; work room 218- hook on door CH643; (office 221- hook on door CH645; Sarah's office 222- hook on door CH647; Judy's office 224- hook on door CH651; Alison's office 223- hook on door CH655; Casey's office 231- hook on door CH665; Andy's office 232- hook on door CH668; Randy's office 233- hook on door (checklist); janitor room by elevator- first aid kit CH669; cubicle area- mail boxes 58" aff CH690, CH691; Anne R's office- hook on door CH677; Adam L's office- hook on door CH695; work room- first aid kit CH702; Bill M's office- white board CH703, CH704; (and hook CH704; Jennifer's office 211- hook on door CH709

Recommendations (City Hall is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):

- 1.9.1 Employee only area permit approach, entry, and exit, *relocate obstacles* to create AR through spaces indicated (CH635, CH636, CH648, CH649, CH650, CH653, CH654, CH657, CH671, CH672, CH675, CH676, CH685, CH686, CH687, CH688, CH692, CH693, CH696, CH697, CH700, CH701)
- 1.9.2 Employee only areas permit approach, entry, and exit, *relocate obstacles* to create turning space of 60" in spaces indicated (CH636, CH637, CH644, CH650, CH657, CH670, checklist)
- 1.9.3 For all other deficits, *leave as is,* employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (CH640, CH641, CH642, CH646, CH652, CH654, CH658, CH659, CH662, CH663, CH666, CH667, CH669, CH694, CH698, CH699, CH705, CH707, CH708, CH711, CH656, CH664, CH673, CH689, CH693, CH702, CH638, CH639, CH643, CH645, CH647, CH651, CH655, CH665, CH668, CH690, CH691, CH677, CH695, CH703, CH704, CH709, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

- 1.10 Assembly Areas not applicable
- 1.11 Restrooms [CHECKLIST-MULTIPLE USERS]

Both: mirrors mounted 42" aff CH969, CH970, CH989, CH990; sharps containers and hooks mounted out of reach range CH995, CH997, CH991, CH992, CH971, CH972, CH973, CH974; toilet centerlines 18.5" from side wall CH979, CH980, CH1000, CH1001; rear wall grab bars mounted incorrectly due to copper piping CH981, CH1001; toilet paper dispensers obstruct clearance over side grab bars CH982, CH983, CH1002, CH1003; stall doors not self-closing and lack compliant hardware CH985, CH986, CH1006, CH1007; stall doors too far from adjacent partitions CH987, CH988, CH1008; toilet paper dispensers mounted too close to front of toilets CH984, CH1004; shelves and sharps dispensers protrude CH975, CH976, CH998, CH999, CH997, CH996, CH997

Men's: lacks compliant CFS at urinal, 74" to rear wall CH993, CH994; stall door lacks maneuvering clearance due to urinal partitions CH1005

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.10 is integral to compliance with title II program access test): (Multiple Users)

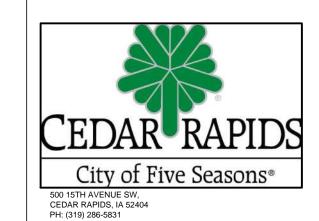
- 1.11.1 **Lower mirror** so reflective surface is max 40" aff in both (CH969, CH970, CH989, CH990)
- 1.11.2 *Lower* operable parts to max 48" to highest operable part in both (CH995, CH997, CH991, CH992, CH971, CH972, CH973, CH974)
- 1.11.3 *Remount* toilets to 16" to 18" from the side wall to centerline in both (CH979, CH980, CH1000, CH1001)
- 1.11.4 *Remount rear grab bar* to behind the toilet, 12" to one side of center and 24" to the other and 33" to 36" aff in both or provide split bar (CH981, CH1001)
- 1.11.5 *Remount toilet paper dispenser* max 7" to 9" from front of toilet, 15" to 48" aff and min 12" above or 1.5" below grab bar in both (CH982, CH983, CH1002, CH1003, CH984, CH1004)
- 1.11.6 *Adjust* stall door to be self-closing and *replace* stall hardware with hardware operable without a tight pinch or grasp in both (CH985, CH986, CH1006, CH1007)
- 1.11.7 **Rehang** stall door to be max 4" from adjacent stall partition and on the stall wall farthest from the toilet in both (CH987, CH988, CH1008)
- 1.11.8 *Relocate or recess* protrusions to not interfere with general circulation path in both, protrusions can't be greater than 4" (CH975, CH976, CH998, CH999, CH977, CH996, CH997)
- 1.11.9 *Relocate* urinal to a location providing 30" by 48" CFS that doesn't ovelap with
- AR (CH993, CH994)
 1.11.10 *Remove or relocate* urinal partition to not obstruct maneuvering clearance at

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.12 Kitchen/Concessions - not applicable

stall door (CH1005)

- 1.13 Locker Rooms not applicable
- 1.14 Aural and Visual Alarms see Main Level
- 1.15 Directional and Permanent Space Signs see Main Level
- 1.16 Other not applicable



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Project

CEDAR RAPIDS CITY HALL ADA

COMPLIANCE WORK

101 1ST ST SE,

CEDAR RAPIDS, IA 52401

PROJECT #: G0025.R0682

 Issue & Revision Dates

 Description
 Date
 No.

 REVIEW
 01/20/2017

 CITY REVIEW
 02/23/2017

 FINAL CITY REVIEW
 03/24/2017

 CITY REVIEW - UPDATE
 04/05/2017

 BID SET
 05/03/2017

Drawing
ADA VIOLATIONS REPORT - SECOND

LEVEL - FOR REFERENCE ONLY

G5.03

THIRD LEVEL

1.6 Interior Doors - [CHECKLIST]

Maneuvering Clearance: work room 329- coat rack on pull side CH156, CH157; conference from reception-bookcase on pull side CH152, CH153; city manager office 327A- 6.5" to wall on push side and fire extinguisher on push side CH140, CH141; <mark>city</mark> manager office hall- wall on pull side CH143; city manager restroom- angled wall on push side) CH144, CH145; conference room from city manager office- char 38" back on push side) CH148, CH149; and bookcase on pull side CH150, CH151; office 33 .25" to desk on pull side CH160, CH161; Jasmine's office 332- chair on pull CH162; (Maria's office 333- chairs and storage on pull side CH230; (upper level mechanical/storage- wall on push side (checklist); west stairwell- wall on pull s CH169; Stephanie's office 332- chair and desk back on pull side CH175, CH176 CH177, CH178; Angie's office 319- chair and desk back on pull side CH179, CH180; council office 319- desk on pull side CH181, CH182; council office 313- desk back on pull side CH183; council 312- desk back on pull side CH184; council 311- desk back n pull side)<u>CH185, CH186;</u> IT- cart back on pull side <u>CH187;</u> storage 337- slop si n pull side CH188; men's restroom- recessed 9" on push side CH189, CH192; and sink 45" back on push side CH190, CH191; east stairwell- wall on pull side CH197, CH198; attorney conference room- wall on pull side CH193, CH194; upper level sta east- wall on push side (checklist); attorney reception- 54" back to chair on pull side CH204, CH205; Liz's office 303- file cabinet back on pull side (checklist); Alex's office 302- desk and chair back on pull side CH206, CH207; Trish's office 301- desk and nair on pull side CH208, CH209; attorney to hall 304- table prevents door opening fully CH210; Culver conference room to hall- 13" to wall on pull side CH211, CH212; council room city manager side- wall 51" back from interior swinging door CH224; Culver to council 338- chair on pull side CH225; attorney to Culver conference room 338- angled wall on pull side CH226; and 47" back to table on push side CH227,

Dimension (32"X80"): work room 329- 31" wide CH158, CH159; conference room from reception- closer 77" aff) CH154, CH155; city manager restroom- 29" wide CH146, CH147; upper level mechanical/storage- closer 76" aff) CH165, CH166; women's restroom- 29.5" wide CH167, CH168; upper level stairs east- closer 76" overhead CH195, CH196; council room entry doors (all)- 27.25" wide interior CH220, CH221; and 27.5" wide exterior CH215, CH216

Hardware: 14 doors have knobs CH142, CH200, CH217, (checklist); west stairwell-crash bar protrudes 5.5" CH170, CH171; city manager to court room-twist lock 58" aff CH163, CH164; east stairwell-crash bar protrudes 5.5" CH199, CH200

LBF: 33 of 33 doors with closers exceed 5 lbf (checklist)

Closer: 17 of 33 doors with closers close too quickly (checklist)

Side Lights: west stairwell- 58.5" aff CH172, CH173; east stairwell- 58.5" aff CH201, CH202; council room entries- 57.5" at all CH218, CH219

Series of Doors: council room entries- 43" clearance at all CH213, CH214

Recommendations (City Hall is a site designated as accessible so 1.6.1 through 1.6.10 is integral to compliance with title II program access test):

NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, section 404 of the 2010 Standards.

- 1.6.1 For all doors along the public circulation route, *provide* required maneuvering clearance on push and pull side of doors (CH156, CH157, CH152, CH153, CH140, CH141, CH143, CH144, CH145, CH148, CH149, CH150, CH151, CH160, CH161, CH162, CH230, CH169, CH175, CH176, CH177, CH178, CH179, CH180, CH181, CH182, CH183, CH184, CH185, CH186, CH187, CH188, CH189, CH192, CH190, CH191, CH197, CH198, CH193, CH194, CH204, CH205, CH206, CH207, CH208, CH209, CH210, CH211, CH212, CH224, CH225, CH226, CH227, CH228, checklist)
- 1.6.2 For all doors along the public circulation route, *replace* doors ones having 32" clear width where indicated (CH158, CH159, CH146, CH147, CH167, CH168, CH220, CH221, CH215, CH216)
- 1.6.3 For all doors along the public circulation route, *replace closer* with one that does not project below 78" aff where indicated (CH154, CH155, CH165, CH166, CH195, CH196)
- 1.6.4 For all doors along the public circulation route, *replace hardware* with lever hardware where indicated, mounted 34" to 48" aff (CH142, CH200, CH217, CH163, CH164, checklist)
- 1.6.5 For all doors along the public circulation route, *replace hardware* with hardware that does not project more than 4" from face of doors (CH170, CH171, CH199, CH200)
- 1.6.6 For all doors along the public circulation route, *inspect, adjust, and maintain* 5 lbf to open interior doors (checklist)
- 1.6.7 For all doors along the public circulation route, *inspect, adjust, and maintain* closing speed on door closers (checklist)
- 1.6.8 For all doors along the public circulation route, *replace doors* with ones having sidelight viewing windows max 43" aff (CH172, CH173, CH201, CH202, CH218,
- 1.6.9 For all doors along the public circulation route, *install a power door opener* that opens both sets of doors simultaneously, keeping them open for an adequate amount of time to allow patrons entry (CH213, CH214)
- 1.6.10 For employee only doors, make above corrections *upon renovation*

CH219)

Responsible Employee	Completion	Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.7 Interior Accessible Route (includes common area and stairs) - [CHECKLIST-STAIRS]

Interior Accessible Route: see Main Level

Stairs:

Risers: third floor to mechanical (City Manager side)- 7.5" CH778, CH779

Treads: third floor to mechanical (both)- lacks detectable warning at top of run (checklist); third floor to mechanical (City Manager side)- 10.75" deep CH777, CH779

Handrails: third floor to mechanical (City Manager side)- does not extend full length of run) CH772; inside rail not continuous CH771; handrail extensions fail CH769, CH770; lack required handrail clearance at bottom CH781, CH782; gripping surface too large (checklist); and lacks overhead clearance CH774, CH775; third floor to mechanical (attorney side)- inside rail not continuous CH783, CH786; handrail extensions fail CH783, CH785; gripping surface too large CH782, CH783; and lacks overhead

Recommendations (City Hall is a site designated as accessible so 1.7.1 through 1.7.4 is integral to compliance with title II program access test):

- 1.7.1 **Correct riser heights** on stairs to consistent height between 4" to 7", leave as is if technically infeasible (CH778, CH779)
- 1.7.2 *Install* detectable warning strip on top tread of each stairway as a smart
- practice (checklist)
- 1.7.3 **Correct tread depth** on stairs to 11" minimum and consistent, leave as is if technically infeasible (CH777, CH779)
- 1.7.4 *Install* handrails on both sides of stairway, mounted 34" to 38" aff with top and bottom extensions and having a 1.25" 2" in diameter, or a non-circular grip that has a perimeter dimension of 4"- 6.25" max that are continuous for full length of run (CH772, CH771, CH769, CH770, CH781, CH782, CH774, CH775, CH783, CH786, CH785, CH782)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) - [CHECKLIST]

36" Access Aisle: break room 318- 29" between fridge and chair CH553, CH554; city attorney conference room- narrows at table and chairs CH580, CH581; council chambers- 30" to council seating CH610, CH611; only 3 council seats are on AR due to chair placement CH617, CH618, CH619; and narrow at swinging gate to jury box CH622, CH623, CH624, CH625

60" Turning Space: city attorney conference room- furniture obstructs CH580, CH581

Protruding Objects: city manager large reception- counters CH543, CH544

Floor Surfaces: council chambers- 1" CIL to ramp CH612, CH613; no access to former jury area or judges podium due to CIL CH621, CH616

Clear Floor Space: city manager large reception- thermostat CH542

Reach Range: city manager conference room- thermostat 56.5" aff CH497, CH498; city manager large reception- coat rack CH540, CH541

Work Surfaces: city manager conference room- knee clearance 24.75" high CH495, CH496; city manager large reception- counter 39" aff CH545, CH546; break room 318-round table lacks toe clearance, table with coffee maker compliant CH551, CH552; council chambers- public comment podium lacks knee clearance CH608, CH609, CH606, CH607; Culver conference room- tables lack knee clearance CH626, CH627, CH628, CH629

Other: council chambers- noncompliant drinking fountain CH620

Recommendations (City Hall is a site designated as accessible so 1.8.1 through 1.8.8 is integral to compliance with title II program access test):

CH580, CH581, CH610, CH611, CH617, CH618, CH619, CH622, CH623, CH624, CH625)

1.8.1 **Relocate obstacles** to create AR through spaces indicated (CH553, CH554,

- 1.8.2 **Relocate obstacles** to create turning space in city attorney conference room (CH580, CH581)
- 1.8.3 **Relocate protruding objects** in city manager reception or place cane detectable warning or bollard at foot of counters (CH543, CH544)
- 1.8.4 Repair, bevel or ramp CIL in rooms indicated (CH612, CH613, CH621
- CH616)
- 1.8.5 Remove, or relocate storage in CFS at fixtures and operable parts (CH542)
 1.8.6 Lower operating mechanisms in spaces indicated to max 48" aff to highest operable part; leave as is if employee only operated (CH497, CH498, CH540,
- 1.8.7 **Replace** one table with one that provides required knee and toe clearance where indicated (CH495, CH496, CH545, CH546, CH551, CH552, CH608,
- CH609, CH606, CH607, CH626, CH627, CH628, CH629, CH620)

 1.8.8 *Replace* drinking fountain in chambers with a hi-lo bowl fountain (CH620)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.9 Employee Offices and Spaces - [CHECKLIST]

36" Access Aisle: city manager reception- reduces to 25.75" at desk CH487, CH488, CH489; city manager work room- exit to offices reduces to 31" CH503, CH504; office 331- 29" between desk and chair CH505, CH506; Jasmine's office 332- narrows to 24 at desk CH513, CH514; upper level mechanical/storage- storage and equipment CH516, CH517, CH526; Angie's office 319- reduces to 31" at desk CH547, CH548; council office 317- reduces to 18" around table CH559, CH560; storage room 337- equipment obstructs CH578, CH579; Alex's office 302- reduces to 27" to behind desk CH601, CH602; Trish's office 301- reduces behind desk CH603, CH604; Maria's office- reduces at desk CH633, CH634

80" Overhead: upper level mechanical/storage- ducts CH520, CH521

60" Turning Space: office 331- furniture obstructs CH506; Angie's office 319- furniture obstructs) CH549; council office 317- furniture obstructs CH561; storage room 337- equipment and storage) CH578, CH579; Liz's office 303- furniture obstructs (checklist) Alex's office 302- furniture obstructs) CH600; (Trish's office 301- furniture obstructs) CH604: (Maria's office 333- furniture obstructs) CH630

Protruding Objects: Jasmine's office 332- desk CH510, CH511; upper level mechanical/storage- panels, beams, signs, and fire extinguisher CH518, CH519, CH520, CH522, CH523, CH524, CH525, CH527, CH528; Sandi's office 324- desk CH532, CH533; Caleb's office 323- desk CH537; Angie's office 319- desk CH549; council office 317- desk CH556, CH557; IT room- overhead racks CH573, CH574; storage room 337- shelf CH579; attorney reception- counter CH584, CH585; James' office 305- desk CH593; Liz's office 303- desk CH595; Alex's office 302- desk CH600; Trish's office 301- desk CH604; Maria's office 333- desk CH632

Floor Surfaces: upper level mechanical/storage- steps to access (checklist)

<u>CH531</u>; Caleb's office 323- thermostat <u>CH534</u>, <u>CH535</u>; Stephanie's office 322- thermostat) <u>CH538</u>; council office 317- thermostat) <u>CH555</u>; council office 313- thermostat) <u>CH564</u>; council office 312- thermostat) <u>CH566</u>; council office 311- thermostat) <u>CH568</u>; IT room- remote) <u>CH575</u>, <u>CH576</u>; storage room 337- vault door (checklist); and key pad <u>CH578</u>; attorney reception- thermostat) <u>CH591</u>; and fire extinguisher) <u>CH589</u>, <u>CH590</u>; James' office 305- thermostat) <u>CH592</u>, <u>CH596</u>; Alex's office 302- thermostat) <u>CH598</u>

Reach Range: city manager reception- coat rack 61.5" aff CH490, CH491; city manager office- thermostat 55.5" aff) CH493, CH494; city manager work room- paper towel dispenser 49.5" over sink and soap dispenser 51" over sink CH500, CH501, CH502; office 331- hook high) CH507, CH508; Jasmine's office 332- hook CH512; Sandi's office 324- hook) CH174; Caleb's office 323- hook CH536; Stephanie's office 322- hook) CH539; upper level mechanical/storage- fire alarm pull CH529, CH530; mayor hallway- coat rack) CH562, CH563; Angie's office 319- hook CH550; council office 317- hook) CH558; council office 313- hook) CH565; council office 312- hook CH567; council office 311- hook) CH569; office of the mayor- hook CH570; IT room-remote) CH577; attorney reception- coat rack) CH587, CH588; and hand towel and soap dispensers) CH586; James' office 305- hook on door CH594; (Liz's office 303-hook on door) CH605; Maria's office 333- hook on door) CH605; Maria's office 333- hook on door) CH631

Sink: city manager work room- rim 36" aff CH499, CH502

Recommendations (City Hall is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):

- 1.9.1 Employee only area permit approach, entry, and exit, *relocate obstacles* to create AR through spaces indicated (CH487, CH488, CH489, CH503, CH504, CH505, CH506, CH513, CH514, CH516, CH517, CH526, CH547, CH548, CH559, CH560, CH578, CH579, CH601, CH602, CH603, CH604, CH633, CH634)
- 1.9.2 Employee only areas permit approach, entry, and exit, *relocate obstacles* to create turning space of 60" in spaces indicated (CH506, CH549, CH561, CH578, CH579, CH600, CH604, CH630, checklist)
- 1.9.3 For all other deficits, *leave as is*, employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (CH520, CH521, CH510, CH511, CH518, CH519, CH522, CH523, CH524, CH525, CH527, CH528, CH532, CH533, CH537, CH549, CH556, CH557, CH573, CH574, CH579, CH584, CH585, CH593, CH595, CH600, CH604, CH632, CH509, CH531, CH534, CH535, CH538, CH555, CH564, CH566, CH568, CH575, CH576, CH578, CH591, CH589, CH590, CH592, CH596, CH598, CH490, CH491, CH493, CH494, CH500, CH501, CH502, CH507, CH508, CH512, CH174, CH536, CH539, CH529, CH530, CH562, CH563, CH550, CH558, CH565, CH567, CH569, CH570, CH577, CH587, CH588, CH586, CH594, CH597, CH599, CH605, CH631, CH499, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

1.10 Assembly Areas - not applicable

1.11 Restrooms - [CHECKLIST-MULTIPLE USERS]

Both: mirrors mounted high CH952, CH953, CH934, CH935; reach range: sharps containers, hooks, and shelves CH950, CH951, CH956, CH957, CH958, CH959, CH938, CH939, CH940, CH941, CH948, CH949; toilet paper dispensers obstruct clearance over side grab bar CH942, CH943, CH962, CH963; stall door hardware fails and not self-closing CH945, CH946, CH965, CH966; toilet paper dispensers mounted too close to front of toilets CH944, CH964; protruding objects: shelves in both CH954, CH955, CH947; and hand dryer and sharps container in women's CH936, CH937, CH949

Men's: rear wall grab bar not mounted correctly CH960, CH961; stall door 11.5" from side partition CH967, CH968

Women's: signage mounted in wrong location, lacks CFS CH933

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.8 is integral to compliance with title II program access test): (Multiple Users)

- 1.11.1 *Lower mirror* so reflective surface is max 40" aff in both (CH952, CH953, CH934, CH935)
- 1.11.2 *Lower* operable parts to max 48" to highest operable part in both (CH950, CH951, CH956, CH957, CH958, CH959, CH938, CH939, CH940, CH941, CH948, CH949)
- 1.11.3 **Remount toilet paper dispenser** max 7" to 9" from front of toilet, 15" to 48" aff and min 12" above or 1.5" below grab bar in both (CH942, CH943, CH962, CH963, CH944, CH964)
- 1.11.4 *Adjust* stall door to be self-closing and *install* exterior stall hardware that is operable without a tight pinch or grasp in both (CH945, CH946, CH965, CH966)
- 1.11.5 *Relocate or recess* protrusions to not interfere with general circulation path in both, protrusions can't be greater than 4" (CH954, CH955, CH947, CH936, CH937, CH949)
- 1.11.6 **Remount rear grab bar** to behind the toilet, 12" to one side of center and 24" to the other and 33" to 36" aff in men's (CH960, CH961)
- 1.11.7 **Rehang** stall door to be max 4" from adjacent stall partition and on the stall wall farthest from the toilet in men's (CH967, CH968)
- 1.11.8 *Remount* signage on wall, latch side of the door, 48" to baseline of lowest character and 60" to baseline of highest character at women's (CH933)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

- 1.12 Kitchen/Concessions not applicable
- 1.13 Locker Rooms not applicable
- 1.14 Aural and Visual Alarms see Main Level
- 1.15 Directional and Permanent Space Signs see Main Level
- 1.16 Other not applicable

CEDAR RAPID

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CEDAR RAPIDS CITY HALL ADA
COMPLIANCE WORK

CEDAR RAPIDS, IA 52401

101 1ST ST SE,

PROJECT # : G0025.R0682

 Issue & Revision Dates

 Description
 Date
 No.

 REVIEW
 01/20/2017

 CITY REVIEW
 02/23/2017

 FINAL CITY REVIEW
 03/24/2017

 CITY REVIEW - UPDATE
 04/05/2017

 BID SET
 05/03/2017

Drawing

ADA VIOLATIONS REPORT - THIRD LEVEL
FOR REFERENCE ONLY

G5.04

BASEMENT

1.6 Interior Doors - [CHECKLIST]

Maneuvering Clearance: Collins conference room-recessed 11" on pull side CH120. CH121; family restroom- garbage can on pull side CH124; and 46" back to chair on pull side) CH122, CH123; fitness- garbage can on pull side CH125; (large mechanical) near 022 (single)- boxes on pull side, storage on push CH126; (hall door 034- 6" to wall on push side) CH135, CH136; staff break room- trash can on pull side CH132; unfinished room- table on push side CH133, CH134; storage 037- storage and dolly CH137, CH138; 2 BF conference room- chair on pull side CH278; 8 mechanical room uct on pull side) CH279; 9 mechanical room from stairs- duct on pull side storage in training room- chairs on pull side CH282; stairs near 23 training- 7.5" to wall on pull side CH284, CH285; 43 storage- whiteboards on pull side CH286; and 11.5" to wall on pull side CH287, CH288; double by vending machines- no entry CH289; 24 mechanical room- 27.5" recession on push side CH290, CH291; and wall on pull side CH294; 25 mechanical room- pipes on pull side (checklist); 13 Otis conference roomgarbage can on pull side CH295; 14 Stony Point conference room- chair on pull side CH296; 15 Williams conference room- garbage can on pull side CH297

Dimension (32"X80"): mechanical double 38- each leaf 28" wide CH274, CH275; 9 echanical room from hall- 29.5" wide CH280, CH281; 9 mechanical room from stairs-29.5" wide (checklist); 24 mechanical room- recessed door 33" wide CH292, CH293

Change in Level: 1 BF conference room- .75" CH276, CH277; 2 BF conference room-5" (checklist); 3 Bever conference room- .75" (checklist); 5 Edgewood conference room- .75" (checklist); 8 mechanical room- .75" (checklist); 9 mechanical room from hall- .75" (checklist); 43 storage- .75" (checklist)

LBF: 37 of 37 doors with closers exceed 5 lbf (checklist)

Closer: 10 of 37 doors with closers close too quickly (checklist)

Recommendations (City Hall is a site designated as accessible so 1.6.1 through 1.6.7 is integral to compliance with title II program access test):

NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, section 404 of the 2010 Standards.

- 1.6.1 For all doors along the public circulation route, *provide* required maneuvering clearance on push and pull side of doors (CH120, CH121, CH124, CH122, CH123, CH125, CH126, CH135, CH136, CH132, CH133, CH134, CH137, CH138, CH278, CH279, CH282, CH284, CH285, CH286, CH287, CH288, CH289, CH290, CH291, CH294, CH295, CH296, CH297, checklist)
- 1.6.2 For all doors along the public circulation route, *replace* doors ones having 32" clear width where indicated (CH274, CH275, CH280, CH281, checklist)
- 1.6.3 For all doors along the public circulation route, *replace* doors with ones having 36" clear width at recessed doors (CH292, CH293)
- 1.6.4 For all doors along the public circulation route, *repair*, *bevel*, *or ramp CILs* at door entries to max .25" (CH276, CH277, checklist)
- 1.6.5 For all doors along the public circulation route, *inspect, adjust, and maintain* 5 lbf to open interior doors (checklist)
- 1.6.6 For all doors along the public circulation route, *inspect, adjust, and maintain* closing speed on door closers (checklist)
- 1.6.7 For employee only doors, make above corrections *upon renovation*

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

- 1.7 Interior Accessible Route (includes common area and stairs) see Main Level
- 1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) - [CHECKLIST]

36" Access Aisle: wellness/fitness- cubby area blocked by equipment CH445

80" Overhead: wellness/fitness- pipe at 77.75" aff CH447, CH448

Protruding Objects: wellness/fitness- televisions CH442, CH443, CH444; and wipe dispenser CH446; break room-television CH480, CH481

<u>Clear Floor Space</u>: Collins conference room- thermostat (checklist); wellness/fitnesswipe dispenser CH446; and outlets (checklist); break room- light switch and fire extinguisher CH482; Blairs Ferry conference room-phone CH715; and thermostat CH716; Bever conference room- chair obstructs clearance at phone CH717; Edgewood conference room- chairs obstruct clearance at phone CH718

Reach Range: wellness/fitness- wipe dispenser CH446; break room- thermostat 58" aff) CH478, CH479; and soap dispenser 47" over sink CH485, CH486

Sinks: break room- rim 34.5" aff CH483, CH484

Recommendations (City Hall is a site designated as accessible so 1.8.1 through 1.8.6 is integral to compliance with title II program access test):

- 1.8.1 *Relocate obstacles* to create AR through wellness/fitness (CH445)
- 1.8.2 *Raise* pipe to min 80", or pad object to prevent hazard in overhead clearance (CH447, CH448)
- 1.8.3 *Relocate protruding objects* in spaces indicated or place cane detectable warning or bollard at foot of protrusions (CH442, CH443, CH444, CH446, CH480, CH481)
- 1.8.4 Remove, or relocate storage in CFS at fixtures and operable parts (CH446, CH482, CH715, CH716, CH717, CH718, checklist)
- 1.8.5 Lower operating mechanisms in spaces indicated to max 48" aff to highest operable part; leave as is if employee only operated (CH446, CH478, CH479,
- CH485, CH486) 1.8.6 **Lower** sink height to max 34" aff (CH483, CH484)

Responsible En	nployee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt		(insert periodic notes	9/1/2018
Facilities Mainter	nance Manager	regarding steps taken or	
319/286-5809	_	work completed)	

1.9 Employee Offices and Spaces - [CHECKLIST]

36" Access Aisle: boiler room- equipment and storage CH452; and reduces to 30 CH463, CH464; generator room- reduces to equipment CH465; and no acces by off of room due to storage CH475, CH476, CH477; storage 037- floor storage (checklist); mechanical room 008- lacks to back due to pipes CH721, CH723; nnamed room in 023 training- lacks route to outlets CH728, CH731, CH732; storage ct CH733; Otis conference room 013- reduces 22.5" to none) CH738, CH739; Williams conference room 015- reduces to 24.5" to phone CH742, CH743

80" Overhead: boiler room- pipe 78.5" aff CH453, CH454; mechanical room 008- ducts CH722; mechanical room 009- ducts CH727

60" Turning Space: storage room in 023 training- chairs (checklist); storage room 043-room 52" wide CH733; Otis conference room 013- furniture prevents CH740, CH741; ny Point conference room 014- furniture obstructs (checklist): Williams conference om 015- furniture obstructs CH743

Protruding Objects: boiler room- pipes CH456; and panels (checklist); generator roomeye wash CH467, CH468; and controls CH471; mechanical 039- heater CH712, CH713; and panel CH714; mechanical room 008- panel and heater CH724; mechanical room 009- heater (checklist)

Floor Surfaces: boiler room- CIL at steps CH457, CH458; generator room- CIL to equipment CH465; mechanical room 008- CIL at pipe (checklist); mechanical room 024- CIL to the back of the room and at pipe CH734, CH735, CH736

Clear Floor Space: custodial storage- first aid kit CH449; boiler room- eve wash CH461; and thermostat (checklist); generator room- emergency shut off CH470; (Mount Vernon training- lacks at phone CH719; mechanical room 008- recycling blocks thermostat CH720

Reach Range: custodial storage- first aid CH449; and work order forms CH450, CH451; boiler room- washer and dryer controls CH462; generator room- towel dispenser and soap CH466; and emergency shut off controls CH469, CH470, CH473, CH474; nursing room 016- soap dispenser 47" over counter CH307, CH308; unnamed room in 023 training- light switch 57" aff CH729, CH730

Recommendations (City Hall is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):

- 1.9.1 Employee only area permit approach, entry, and exit, *relocate obstacles* to create AR through spaces indicated (CH452, CH463, CH464, CH465, CH475, CH476, CH477, CH721, CH723, CH728, CH731, CH732, CH733, CH738, CH739, CH742, CH743, checklist)
- 1.9.2 Employee only areas permit approach, entry, and exit, *relocate obstacles* to create turning space of 60" in spaces indicated (CH733, CH740, CH741,
- 1.9.3 For all other deficits, *leave as is,* employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (CH453, CH454, CH722, CH727, CH456, CH467, CH468, CH471, CH712, CH713, CH714, CH724, CH457, CH458, CH465, CH734, CH735, CH736, CH449, CH461, CH470, CH719, CH720, CH450, CH451, CH462, CH466, CH469, CH473, CH474, CH307, CH308, CH729, CH730, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager	regarding steps taken or	
319/286-5809	work completed)	

- **1.10** Assembly Areas not applicable
- 1.11 Restrooms [CHECKLIST-MULTIPLE USERS]

Both (Hall): mirrors mounted 42.5" aff CH865, CH866, CH882, CH883; sharps containers mounted out of reach range CH867, CH868, CH880, CH881; toilet paper sers obstruct clearance over side grab bars CH871, CH872, CH892, CH893; l doors lack compliant hardware CH897, CH898, CH874, CH875; stall doors 10" om adjacent partition CH869, CH870, (checklist); toilet paper dispensers mou close to front of toilet) CH873, CH894; protruding objects: shelf and sharps tainer in both CH863, CH864, CH868, CH876, CH877, CH879; and hand dryer omen's CH878, CH879

Women's (Hall): ambulatory stall door not fully self-closing, lacks MC, and stall hardware fails CH885, CH886, CH887; toilet paper dispenser obstructs clearance above grab bars in ambulatory stall CH899; toilet centerline 19" from side wall CH888, CH889; rear wall grab bar not centered correctly CH890, CH891; stall door not self-

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.11 is integral to compliance with title II program access test): (Multiple Users-Hall)

- 1.11.1 Lower mirror so reflective surface is max 40" aff in both (CH865, CH866,
- 1.11.2 **Lower** sharps containers to max 48" to highest operable part in both (CH867,
- CH868, CH880, CH881) 1.11.3 **Remount toilet paper dispenser** max 7" to 9" from front of toilet, 15" to 48" aff and min 12" above or 1.5" below grab bar in both and in women's ambulatory
- stall (CH871, CH872, CH892, CH893, CH873, CH894, CH899) 1.11.4 *Replace* stall hardware with hardware operable without a tight pinch or grasp in both (CH897, CH898, CH874, CH875)
- 1.11.5 **Rehang** stall door to be max 4" from adjacent stall partition and on the stall wall farthest from the toilet in both (CH869, CH870, checklist)
- 1.11.6 *Relocate or recess* protrusions to not interfere with general circulation path in both, protrusions can't be greater than 4" (CH863, CH864, CH868, CH876, CH877, CH879, CH878)
- 1.11.7 *Adjust* ambulatory stall and accessible stall door to be self-closing in women's
- 1.11.8 *Replace* ambulatory stall hardware with hardware operable without a tight pinch or grasp in women's (CH886, CH887)
- 1.11.9 *Provide* required maneuvering clearance at ambulatory stall door in women's stall *if not technically infeasible* (CH885)
- 1.11.10 **Remount** toilet to 16" to 18" from the side wall to centerline in women's accessible stall (CH888, CH889)
- 1.11.11 Remount rear grab bar to behind the toilet, 12" to one side of center and 24" to the other and 33" to 36" aff in women's (CH890, CH891)

Responsible Employee	Progress Towards	Recommended
	Completion	Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager	regarding steps taken or	
319/286-5809	work completed)	

Both (Lockers): mirrors over sinks mounted high CH900, CH901, CH924, CH925; nirrors not over sinks mounted high CH915, CH916, CH919, CH920; sharps ntainers mounted out of reach range CH913, CH914, CH921, CH923; toilet pap pensers obstruct clearance over side grab bars CH904, CH905, CH928, CH929; tall doors lack compliant hardware CH907, CH908, CH931, CH932; toilet paper spensers mounted too close to front of toilet CH906, CH930; protruding helf and sharps container in both CH911, CH912, CH917, CH918, CH922, CH923; and hand dryer in men's CH909, CH910

Men's (Locker): toilet centerline 18.75" from side wall CH902, CH903

Women's (Locker): sink 34.5" aff CH926, CH927

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.8 is integral to compliance with title II program access test): (Multiple Users-Locker)

- 1.11.1 Lower mirror so reflective surface is max 40" aff in both (CH900, CH901, CH924, CH925)
- 1.11.2 **Lower mirror** in general space so reflective surface is max 35" aff in both (CH915, CH916, CH919, CH920)
- 1.11.3 Lower sharps containers to max 48" to highest operable part in both (CH913.
- CH914, CH921, CH923) 1.11.4 **Remount toilet paper dispenser** max 7" to 9" from front of toilet, 15" to 48" aff and min 12" above or 1.5" below grab bar in both (CH904, CH905, CH928,
- CH929, CH906, CH930) 1.11.5 **Replace** stall hardware with hardware operable without a tight pinch or grasp in both (CH907, CH908, CH931, CH932)
- 1.11.6 *Relocate or recess* protrusions to not interfere with general circulation path in both, protrusions can't be greater than 4" (CH911, CH912, CH917, CH918, CH922, CH923, CH909, CH910)
- 1.11.7 *Remount* toilet to 16" to 18" from the side wall to centerline in men's (CH902.
- 1.11.8 *Lower* sink to max 34" aff to front of rim in women's (CH926, CH927)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager 319/286-5809	regarding steps taken or work completed)	

[CHECKLIST-SINGLE USER]

Family Restroom: hand dryer obstructs CFS at toilet CH858; side wall grab bar only extends 53" from rear wall due to baby changing table CH852, CH853; (toilet paper spenser obstructs clearance over side grab bar CH854, CH855; toilet paper penser mounted too close to front of toilet CH856; mirror mounted 42.5" aff CH857 CH858; trash can obstructs CFS at sink CH859; (table and chair obstruct 60" turning space) CH862; hand dryer protrudes CH860, CH861; baby changing table lacks CFS due to table and chair CH862

Recommendations (City Hall is a site designated as accessible so 1.11.1 through 1.11.7 is integral to compliance with title II program access test): (Single Users)

- 1.11.1 Remove or relocate hand dryer, table, and chair to not obstruct CFS adjacent
- to toilet (CH858, CH862) 1.11.2 *Remount* side grab bar to max 12" from the rear wall at the close end and min 54" on the far end, and 33" to 36" aff if feasible (CH852, CH853)
- 1.11.3 **Remount toilet paper dispenser** max 7" to 9" from front of toilet, 15" to 48" aff and min 12" above or 1.5" below grab bar (CH854, CH855, CH856)
- 1.11.4 *Lower mirror* so reflective surface is max 40" aff (CH857, CH858)
- 1.11.5 Remove or relocate trash can to not obstruct CFS at sink (CH859)
- 1.11.6 *Relocate or recess* hand dryer to not interfere with general circulation path,
- protrusions can't be greater than 4" (CH860, CH861) 1.11.7 **See 1.11.1** for removal of table and chair (CH862)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018

- **1.12 Kitchen/Concessions -** not applicable
- 1.13 Locker Rooms [CHECKLIST]

Both: lack designated accessible lockers CH1011, CH1015; (top lockers too high, lower ockers lack shelves CH1009, CH1010; hooks mounted high CH1012, CH1013, CH1016, CH1017; roll in shower grab bars on control wall only CH1014

Recommendations (City Hall is a site designated as accessible so 1.13.1 through 1.13.3 is integral to compliance with title II program access test):

- 1.13.1 **Designate 5% or no less than 1 locker** as accessible, mounting signage having the access symbol and hooks and operating mechanisms max 48" aff in both (CH1011, CH1015, CH1009, CH1010)
- 1.13.2 **Lower hooks** to max 48" aff in both (CH1012, CH1013, CH1016, CH1017)
- 1.13.3 **Provide** grab bars in the shower mounted in the correct locations for the shower type in both (CH1014)

Responsible Employee	Progress Towards Completion	Recommended Phase
Brent Schlotfeldt	(insert periodic notes	9/1/2018
Facilities Maintenance Manager	regarding steps taken or	
319/286-5809	work completed)	

- 1.14 Aural and Visual Alarms see Main Level
- 1.15 Directional and Permanent Space Signs see Main Level
- 1.16 Other Fitness [CHECKLIST]

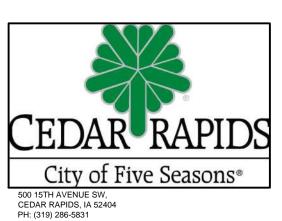
Lack AR: back extension CH1023, CH1024

Lack Both: elliptical CH1018; upper body multi-machine CH1020, CH1023, CH1024,

Recommendations (City Hall is a site designated as accessible so 1.16.1 and 1.16.2 is integral to compliance with title II program access test):

- 1.16.1 *Create a 36" wide AR* to one of each type of fitness equipment in the center (CH1023, CH1024, CH1018, CH1020, CH1025, CH1026)
- 1.16.2 *Create a 30" by 48"* "parking space" next to one of each type of fitness equipment offered in the center (CH1018, CH1020, CH1023, CH1024, CH1025, CH1026)

Responsible Employee	Progress Towards Completion	Phase
Brent Schlotfeldt Facilities Maintenance Manager 319/286-5809	(insert periodic notes regarding steps taken or work completed)	9/1/2018



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CEDAR RAPIDS CITY HALL ADA COMPLIANCE WORK

CEDAR RAPIDS. IA 52401

101 1ST ST SE,

PROJECT #: G0025.R0682

Issue & Revision Dates REVIEW 01/20/2017 CITY REVIEW 02/23/2017 FINAL CITY REVIEW 03/24/2017 CITY REVIEW - UPDATE 04/05/2017 **BID SET** 05/03/2017

ADA VIOLATIONS REPORT - BASEMENT

LEVEL - FOR REFERENCE ONLY