

# SUB COURTHOUSE REPAIRS AND RENOVATION

525 LAKESHORE DRIVE

PORT ARTHUR, TX 77640

## OWNER

Jefferson County  
525 Lakeshore Drive  
Port Arthur, TX 77640

## ARCHITECT

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## ABBREVIATIONS

A.B.	ANCHOR BOLT	DR	DOOR	HW	HOT WATER	OPNG	OPENING	THK	THICK(NESS)
A/C	AIR CONDITIONING	DS	DOWNSPOUT	OPP	OPPOSITE	PERP	PERPENDICULAR	TI	TENANT IMPROVEMENT
ACT	ACOUSTICAL CEILING TILE	DWR	DRAWER	ID	INSIDE DIAMETER	PL	PLATE (OR PROPERTY LINE)	TO	TOP OF (SPECIFY ITEM)
A.D.	AREA DRAIN	EA	EACH	IN	INCH	PLAM	PLASTIC LAMINATE	TOC	TOP OF CURB / CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT	EJ	EACH FACE / EXHAUST FAN	INCL	INCLUDE(D)	PLAS	PLASTER	TOP	TOP OF PARAPET
ADJ	ADJUSTABLE	EJ	EXPANSION JOINT	INSUL	INSULATION	PLYVD	PLYWOOD	TOS	TOP OF STEEL
AFF	ABOVE FINISH FLOOR	EJFS	EXTERIOR INSULATED FINISH SYSTEM	INT	INTERIOR	PNL	PANEL	TOW	TOP OF WALL
ALT	ALTERNATE	ELEC	ELECTRICAL	INV	INVERT	PNT	PAINT	TPTN	TOILET PARTITION
ALUM	ALUMINUM	ELEV	ELEVATION	JAN	JANITOR	PR	PAIR	TS	TUBULAR STEEL
ANOD	ANODIZED	EMER	EMERGENCY	JST	JOIST	PSF	POUNDS PER SQUARE FOOT	TV	TELEVISION
APPROX	APPROXIMATE	ENCL	ENCLOSURE	JT	JOINT	PSI	POUNDS PER SQUARE INCH	TYP	TYPICAL
ARCH	ARCHITECT(URAL)	EQ	EQUAL	KD	KNOCK DOWN	PT	PRESSURE TREATED	UC	UNDERCOUNTER
ASPH	ASPHALT	EQUIP	EQUIPMENT	KIT	KITCHEN	PTN	PARTITION	UL	UNDERWRITERS LABORATORY
BD	BOARD	EW	EACH WAY	KO	KNOCK OUT	PVC	POLYVINYL CHLORIDE	UNO	UNLESS NOTED OTHERWISE
BIT	BITUMINOUS	EW	ELECTRIC WATER COOLER	LAB	LABORATORY	RA	RETURN AIR	VCT	VINYL COMPOSITION TILE
BLDG	BUILDING	EXH	EXHAUST	LAM	LAMINATE(D)	RAD	RADIUS	VENT	VENTILATION
BLKG	BLOCKING	EXIST	EXISTING	LAV	LAVATORY	RB	RESILIENT BASE	VERT	VERTICAL
BM	BEAM	EXP	EXPANSION / EXPOSED	LF	LINAL FOOT	RCP	REFLECTED CEILING PLAN	VEST	VESTIBULE
B.O.	BOTTOM OF	EXT	EXTERIOR	LH	LEFT HAND	RD	ROOF DRAIN	VIF	VERIFY IN FIELD
BOT	BOTTOM			LHR	LEFT HAND REVERSE	REBAR	REINFORCING BAR	VR	VAPOR RETARDER
BRG	BEARING	FD	FLOOR DRAIN	LL	LIVE LOAD	REC	RECESSED	VTR	VENT THRU ROOF
BTWN	BETWEEN	FDN	FOUNDATION	LLH	LONG LEG HORIZONTAL	REF	REFERENCE	VWC	VINYL WALL COVERING
BUR	BUILT-UP ROOF	FEC	FIRE EXTINGUISHER CABINET	LLV	LONG LEG VERTICAL	REFR	REFRIGERATOR	WC	WATER CLOSET
CAB	CABINET	FF	FINISH FLOOR	LWC	LIGHT WEIGHT CONCRETE	REINF	REINFORCING / REINFORCED	WD	WOOD
CBU	CEMENTITIOUS	FFE	FINISH FLOOR ELEVATION	MACH	MACHINE	REQD	REQUIRED	WDW	WINDOW
C/C	CENTER-TO-CENTER	FIN	FINISH	MAS	MASONRY	RES	RESILIENT	W	WITH
CEM	CEMENT	FLR	FLOOR	MATL	MATERIAL	REV	REVISION	WH	WATER HEATER
CER	CERAMIC	FLUOR	FLUORESCENT	MAX	MAXIMUM	RH	RIGHT HAND	W/O	WITHOUT
C.G.	CORNER GUARD	FM	FACTORY MUTUAL	MDF	MEDIUM DENSITY FIBERBOARD	RHR	RIGHT HAND REVERSE	WP	WATERPROOF
C.I.P.	CAST-IN-PLACE	FO	FACE OF (SPECIFY ITEM)	MECH	MECHANICAL	RM	ROOM	WR	WATER RESISTANT
C.J.	CONTROL JOINT	FOB	FACE OF BRICK	MEMB	MEMBRANE	RO	ROUGH OPENING	WT	WEIGHT
CL	CENTERLINE	FOC	FACE OF CONCRETE	MFR	MANUFACTURER	RWL	RAINWATER LEADER	WWF	WELDED WIRE FABRIC
CLG	CEILING	FOS	FACE OF STUD	MEZZ	MEZZANINE	R&S	ROD AND SHELF	WWM	WELDED WIRE MESH
CLR	CLEAR(ANCE)	FR	FIRE RESISTIVE	MH	MANHOLE	SC	SOLID CORE	YD	YARD
CLOS	CLOSET	FT	FEET / FOOT	MIN	MINIMUM	SCHED	SCHEDULE		
CMU	CONCRETE MASONRY UNIT	FTG	FOOTING	MIR	MIRROR	SF	SQUARE FEET		
C.O.	CLEAN OUT	FURR	FURRING / FURRED	MISC	MISCELLANEOUS	SHT	SHEET		
COL	COLUMN	GA	GUAGE	MO	MASONRY OPENING	SIM	SIMILAR		
CONC	CONCRETE	GALV	GALVANIZED	MR	MOISTURE RESISTANT	SPEC	SPECIFICATION		
CONSTR	CONSTRUCTION	GB	GRAB BAR	MTL	METAL	SQ	SQUARE		
CONT	CONTINUOUS	GC	GENERAL CONTRACTOR	MULL	MULLION	SS	STAINLESS STEEL		
COORD	COORDINATE	GL	GLASS / GLAZING	N/A	NOT APPLICABLE	ST	STONE		
CORR	CORRIDOR	GND	GROUND	NIC	NOT IN CONTRACT	STC	SOUND TRANSMISSION CLASS		
CTR	CENTER	GR	GRADE	NO	NUMBER	STD	STANDARD		
C.Y.	CUBIC YARD	GW	GYPSUM WALLBOARD	NOM	NOMINAL	STL	STEEL		
		GYP	GYPSUM	NTS	NOT TO SCALE	STOR	STORAGE		
DBL	DOUBLE			OC	ON CENTER	STRUCT	STRUCTURAL		
DEMO	DEMOLITION	HB	HOSE BIB	OD	OUTSIDE DIAMETER	SUSP	SUSPENDED		
DEPT	DEPARTMENT	HC	HOLLOW CORE	OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED	SYM	SYMMETRICAL		
DET	DETAIL	HDR	HEADER	OFOI	OWNER FURNISHED/ OWNER INSTALLED	TAS	TEXAS ACCESSIBILITY STANDARDS		
DIA	DIAMETER	HDWR	HARDWARE	OH	OPPOSITE HAND (OR OVERHEAD)	T&B	TOP AND BOTTOM		
DIAG	DIAGONAL	HM	HOLLOW METAL			T&G	TONGUE AND GROOVE		
DIM	DIMENSION	HORIZ	HORIZONTAL			TBD	TO BE DETERMINED		
DISP	DISPENSER	HT	HEIGHT			TEL	TELEPHONE		
DL	DEAD LOAD	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING			TER	TERRAZZO		
DN	DOWN								

## Sheet List Table

Sheet Number	Sheet Title
General	
G000	Cover Sheet
G100	Texas Accessibility Standards Summary
G101	Texas Accessibility Standards Summary
Architectural	
A101	First Floor Plan
A102	First Floor Annex Plan
A103	Second Floor Plan

## RECYCLING COMMITMENT

THE ARCHITECT AND OWNER ENCOURAGE THE GENERAL CONTRACTOR, SUBCONTRACTORS AND MATERIAL SUPPLIERS TO PRACTICE ENVIRONMENTAL STEWARDSHIP BY WORKING WITH SUPPLIERS AND WASTE DISPOSAL COMPANIES IN AN EFFORT TO RECYCLE MATERIALS SUCH AS CARPET, VINYL FLOORING, CEILING TILE, SALVAGED STEEL (SUSPENSION SYSTEMS AND METAL STUDS) AND WHERE POSSIBLE TO SEPARATE RECYCLED MATERIALS INTO BINS FOR PAPER AND PLASTICS. MANY OF THE PRODUCTS SPECIFIED FOR THIS PROJECT HAVE AGREEMENTS TO PICK-UP MATERIALS FOR RECYCLING.

MANY OF THE PRODUCTS SPECIFIED FOR THIS PROJECT ARE FROM MANUFACTURERS UTILIZING HIGH PERCENTAGES OF POST CONSUMER RECYCLED PRODUCTS IN THE BLENDING AND MANUFACTURING PROCESS. YOUR PARTICIPATION AND EFFORTS ARE APPRECIATED AND DEMONSTRATE TO YOUNGER MEMBERS THE POSSIBILITIES OF MAKING THIS PLACE CLEANER WITH HOPE FOR THE FUTURE OF OUR WORLD.

## MATERIAL LEGEND

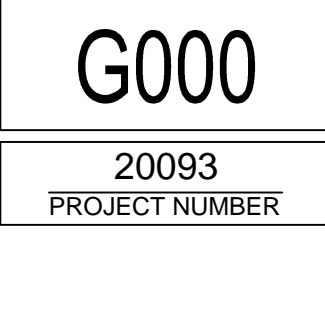
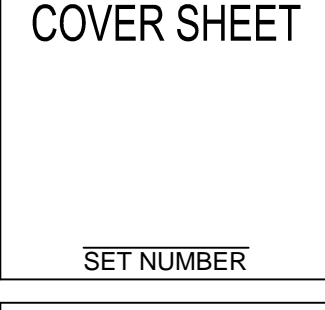
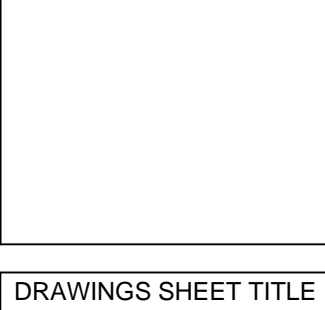
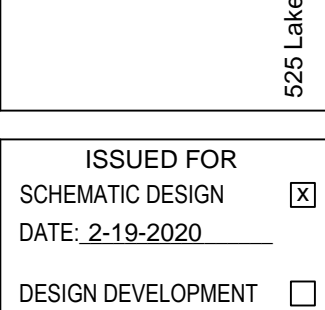
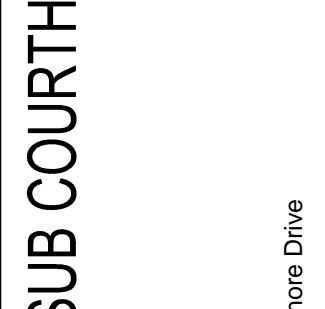
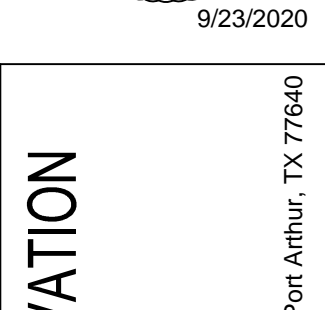
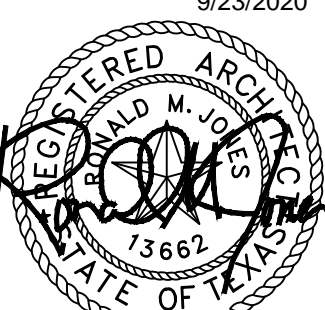
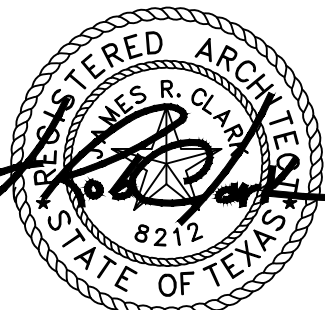
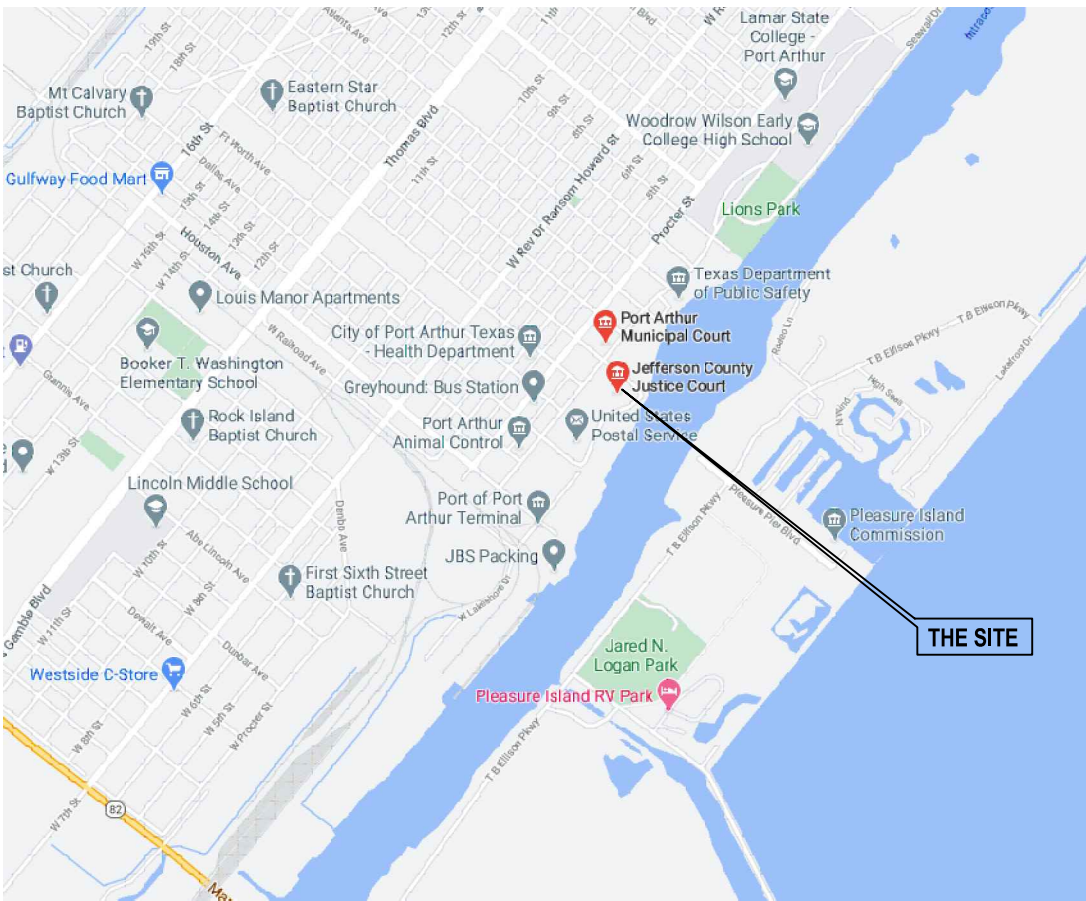
	CONCRETE		BLOCKING OR SHIM (CONTINUOUS)
	BRICK MASONRY		BLOCKING OR SHIM (INTERMITTENT)
	CONCRETE MASONRY UNITS		RIGID INSULATION
	PLYWOOD		BATT INSULATION
	GYPSUM BOARD		

## SYMBOL KEY

	DOOR NUMBER		PARTITION TYPES
	TOILET ACCESSORY		EXTERIOR ELEVATION TAG
	INTERIOR ELEVATION MARK		ROOM NAME & NUMBER
	ENLARGED DETAIL		WINDOW TYPE
	KEYNOTE		NORTH ARROW

## LOCATION MAP

## VICINITY MAP





## 504 STAIRWAYS

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 inches (100 mm) high minimum and 7 inches (180 mm) high maximum. Treads shall be 11 inches (280 mm) 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 inch (13 mm) 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 1 1/2 inches (38 mm) maximum over the tread below.

## 505 HANDRAILS

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 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

505.5 CLEARANCE. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.

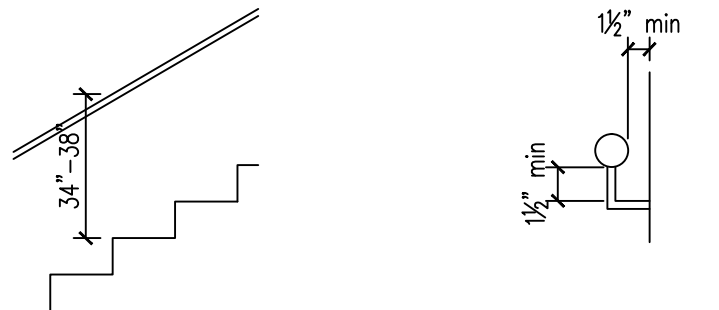


Figure 505.4 Handrail Height

Handrail Clearances

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 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping surface.

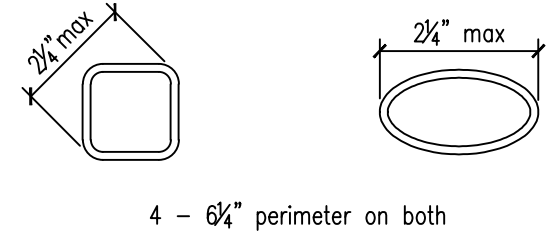
EXCEPTIONS:

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 rolls 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 inch (3.2 mm) for each 1/2 inch (13 mm) of additional handrail perimeter dimension that exceeds 4 inches (100 mm).

505.7.1 CIRCULAR CROSS SECTION. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 NON-CIRCULAR CROSS SECTIONS. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.



4 - 6 1/4" perimeter on both

505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) 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.

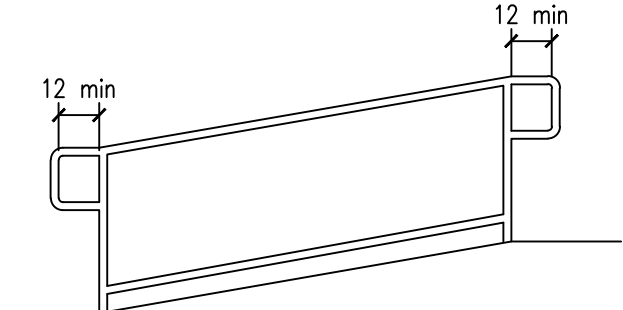
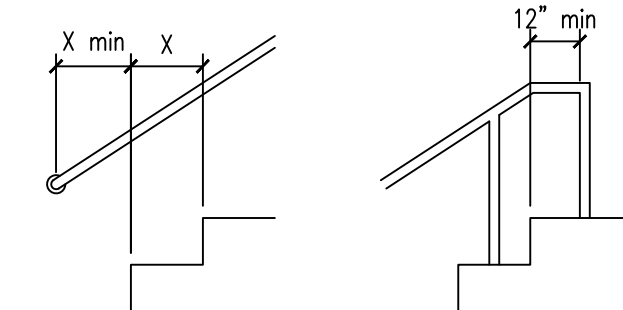


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 TOP EXTENSION AT STAIRS. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) 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.



Top and Bottom Handrail Extension at Stairs

## 602 DRINKING FOUNTAINS

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.

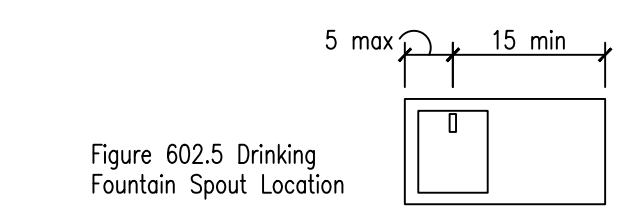


Figure 602.5 Drinking Fountain Spout Location

602.6 WATER FLOW. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) 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 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) 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 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the finish floor or ground.

## 603 TOILET AND BATHING ROOMS

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.

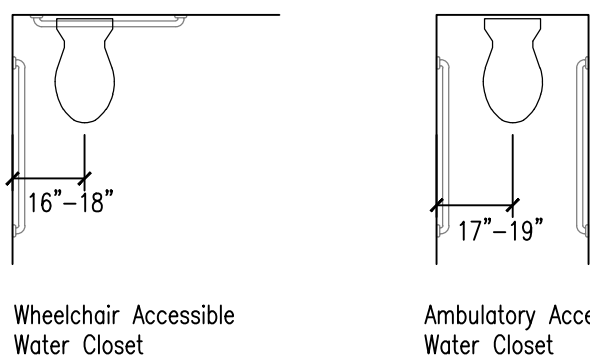
2. Where the toilet room or bathing room is for individual use and a clear floor space complying with 305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.

603.3 MIRRORS. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

603.4 COAT HOOKS AND SHELVES. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

## 604 WATER CLOSETS AND TOILET COMPARTMENTS

604.2 LOCATION. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.



Wheelchair Accessible Water Closet

Ambulatory Accessible Water Closet

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

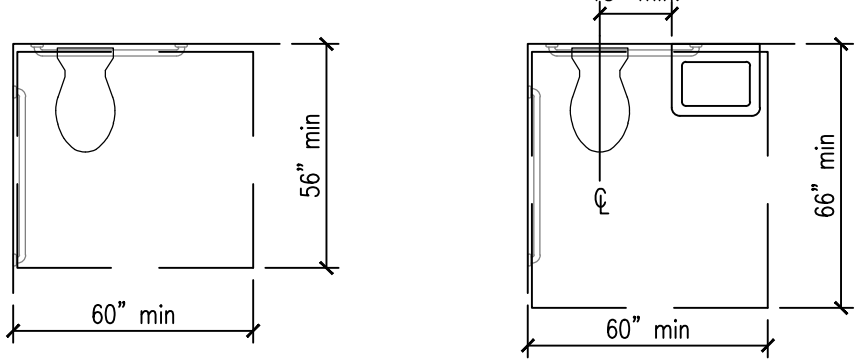
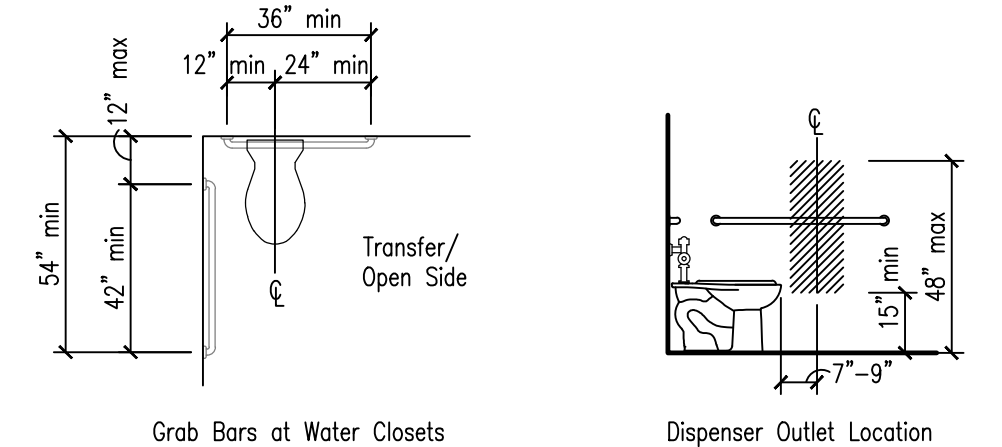


Figure 604.3.1 Size of Clearance at Water Closets

Figure 604.3.2 (Exception) Overlap of Water Closet Clearance in Residential Dwelling Units



Grab Bars at Water Closets

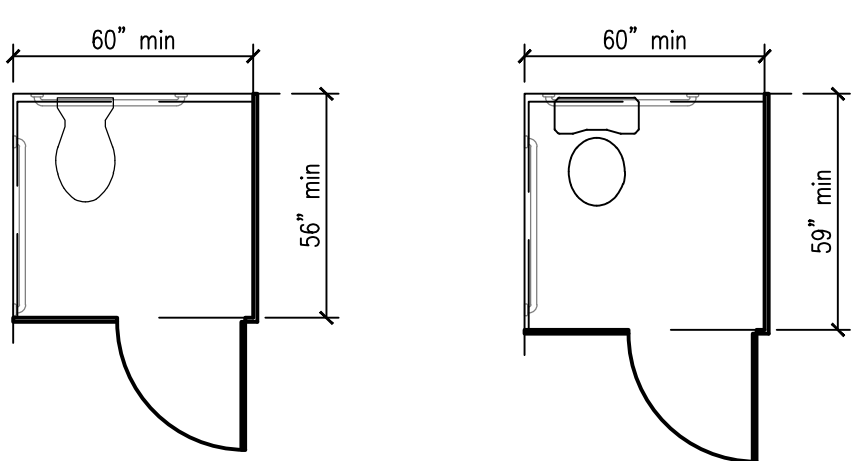
Dispenser Outlet Location

EXCEPTIONS:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the water closet, where wall space does not permit a length of 36 inches (915 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

604.7 DISPENSERS. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.



Adult Wall Hung Water Closet

Adult Floor Mounted Water Closet/Children Water Closet

604.8.1.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

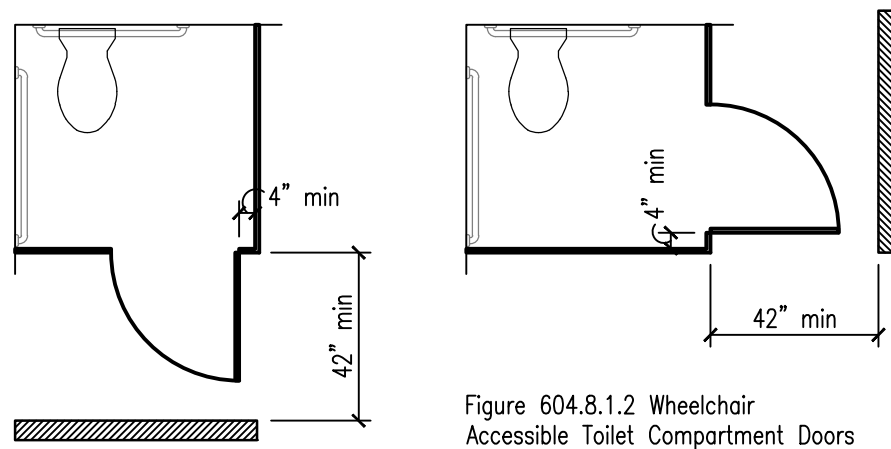
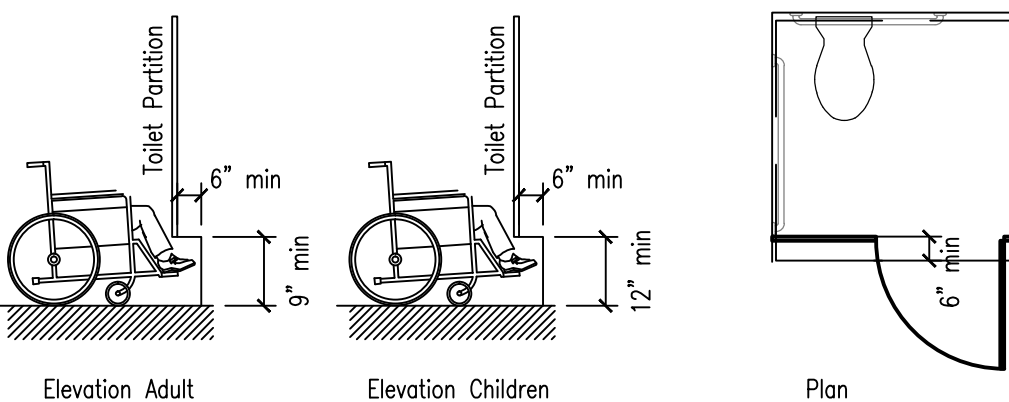


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors

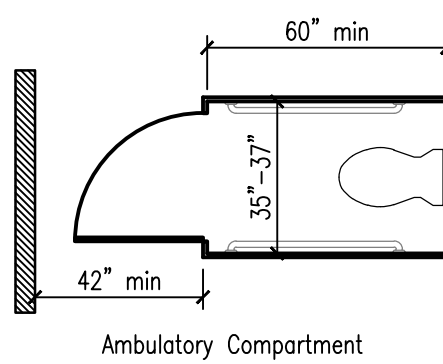
604.8.1.4 TOE CLEARANCE. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) deep minimum beyond the compartment-side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall-hung water closet or 65 inches (1650 mm) deep with a floor-mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm) deep.



604.8.2.1 SIZE. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

604.8.2.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.



Ambulatory Compartment

605.2 HEIGHT AND DEPTH. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

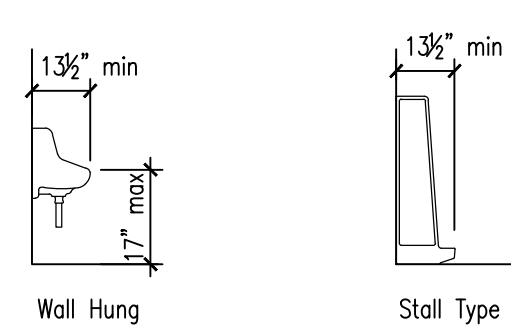


Figure 605.2 Height and Depth of Urinals

## 606 LAVATORIES AND SINKS

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.

EXCEPTIONS:

1. A parallel approach complying with 305 shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided and to wet bars.

2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance complying with 306.

3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met:  
(a) the cabinetry can be removed without removal or replacement of the fixture;  
(b) the finish floor extends under the cabinetry; and  
(c) the walls behind and surrounding the cabinetry are finished.

4. A knee clearance of 24 inches (610 mm) minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31 inches (785 mm) maximum above the finish floor or ground.

5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger.

6. The dip of the overflow shall not be considered in determining knee and toe clearances.

7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance complying with 306.

606.3 HEIGHT. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground.

606.4 FAUCETS. Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

## 607 BATHTUBS

607.2 CLEARANCE. Clearance in front of bathtubs shall extend the length of the bathtub and shall be 30 inches (760 mm) wide minimum. A lavatory complying with 606 shall be permitted at the control end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.

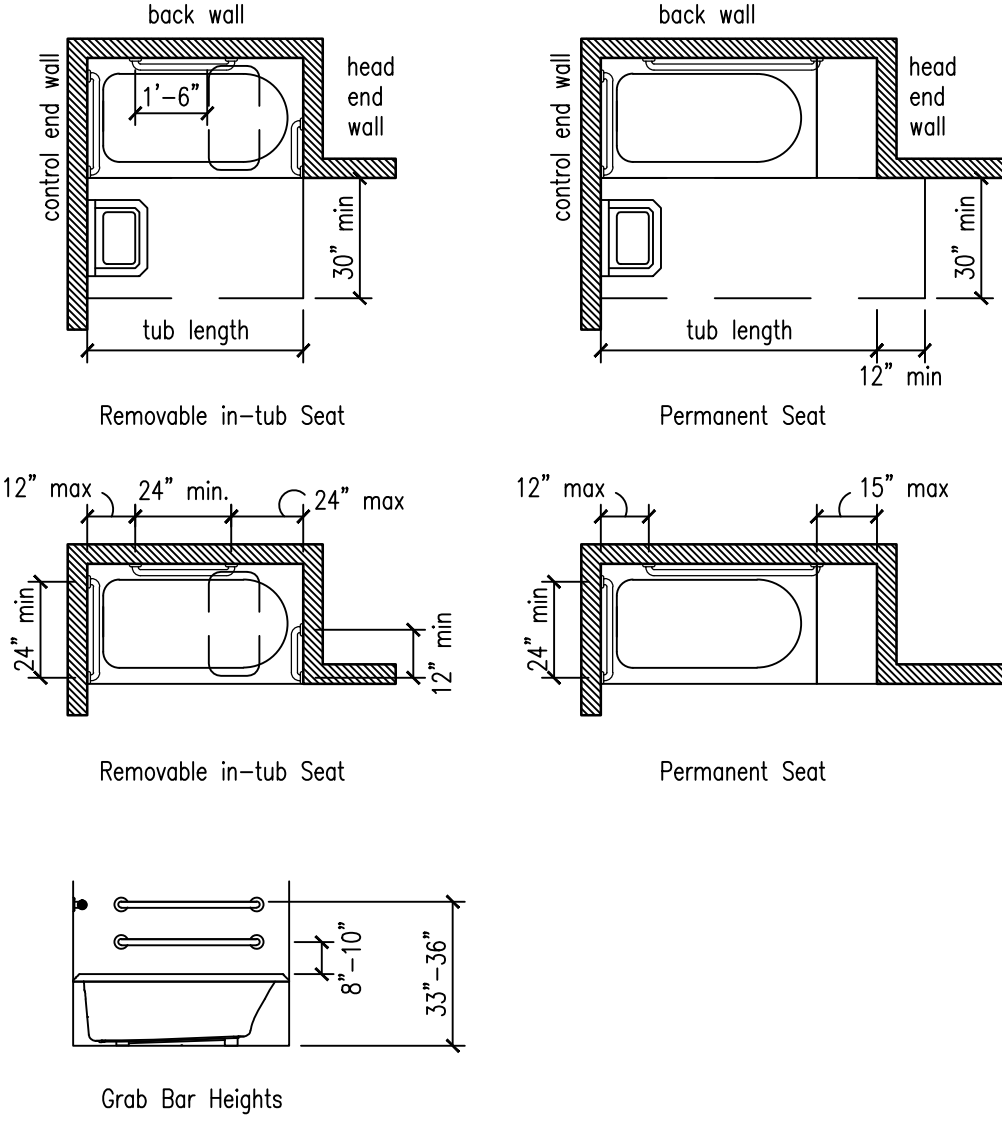
607.3 SEAT. A permanent seat at the head end of the bathtub or a removable in-tub seat shall be provided. Seats shall comply with 610.

607.4 GRAB BARS. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with 607.4.1 or 607.4.2.

607.4.1 BATHTUBS WITH PERMANENT SEATS. For bathtubs with permanent seats, grab bars shall be provided in accordance with 607.4.1.

607.4.1.1 BACK WALL. Two grab bars shall be installed on the back wall, one located in accordance with 609.4 and the other located 8 inches (205 mm) minimum and 10 inches (255 mm) maximum above the rim of the bathtub. Each grab bar shall be installed 15 inches (380 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

607.4.1.2 CONTROL END WALL. A grab bar 24 inches (610 mm) long minimum shall be installed on the control end wall at the front edge of the bathtub.



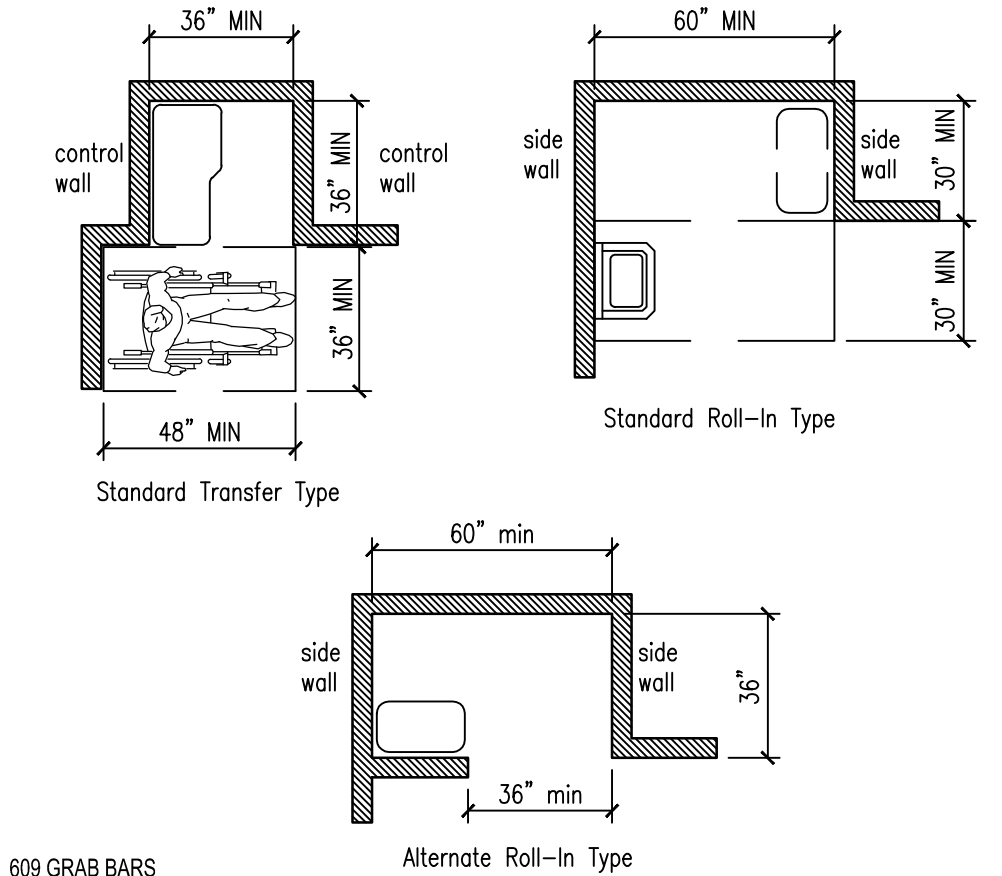
Grab Bar Heights

607.5 CONTROLS. Controls, other than drain stoppers, shall be located on an end wall. Controls shall be between the bathtub rim and grab bar, and between the open side of the bathtub and the centerline of the width of the bathtub. Controls shall comply with 309.4.

607.6 SHOWER SPRAY UNIT AND WATER. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Bathtub shower spray units shall deliver water that is 120°F (49°C) maximum.

## 608 SHOWER COMPARTMENTS

608.2.1 TRANSFER TYPE SHOWER COMPARTMENTS. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the control wall shall be provided.



609 GRAB BARS

609.2.1 CIRCULAR CROSS SECTION. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 NON-CIRCULAR CROSS SECTION. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4.8 inches (120 mm) maximum.

609.3 SPACING. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

609.4 POSITION OF GRAB BARS. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

609.5 SURFACE HAZARDS. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 FITTINGS. Grab bars shall not rotate within their 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 (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.

## 610 SEATS

610.2 BATHTUB SEATS. The top of bathtub seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. The depth of a removable in-tub seat shall be 15 inches (380 mm) minimum and 16 inches (405 mm) maximum. The seat shall be capable of secure placement. Permanent seats at the head end of the bathtub shall be 15 inches (380 mm) deep minimum and shall extend from the back wall to or beyond the outer edge of the bathtub.

610.3 SHOWER COMPARTMENT SEATS. Where a seat is provided in 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 inches (75 mm) of the compartment entry. Where a seat is provided in an alternate roll-in type shower compartment, it shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches (75 mm) of the compartment entry. In transfer-type showers, the seat shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. The top of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2.

610.3.1 RECTANGULAR SEATS. The rear edge of a rectangular seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1 1/2 inches (38 mm) maximum from the adjacent wall.

610.3.2 L-SHAPED SEATS. The rear edge of an L-shaped seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1 1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches (585 mm) from the main seat wall.

## 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 to 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 SIGNS

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 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.2.5 CHARACTER HEIGHT. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "T".

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 inch (3.2 mm) 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 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) 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 inch (9.5 mm) minimum.

703.2.8 LINE SPACING. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

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.

## 705 DETECTABLE WARN



### 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:

- Within animal containment areas, floor and ground surfaces shall not be required to be stable, firm, and slip resistant.
- 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 inch (13 mm) 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.

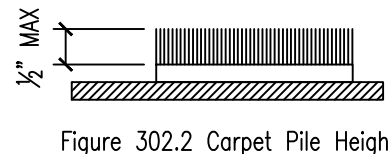


Figure 302.2 Carpet Pile Height

302.3 OPENINGS. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) 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 the long dimension is perpendicular to the dominant direction of travel.

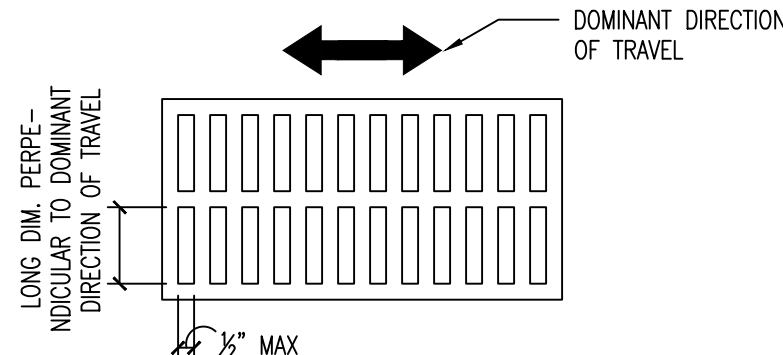


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

### 303 CHANGE IN LEVELS

303.1 GENERAL. Where changes in level are permitted in floor or ground surfaces, they shall comply with 303.

#### EXCEPTIONS:

- Animal containment areas shall not be required to comply with 303.
- Areas of sport activity shall not be required to comply with 303.

303.2 VERTICAL. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be Vertical.

303.3 BEVELED. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

303.4 RAMPS. Changes in level greater than 1/2 inch (13 mm) high shall be ramped, and shall comply with 405 or 406.

### 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 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-SHAPED SPACE. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) 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.

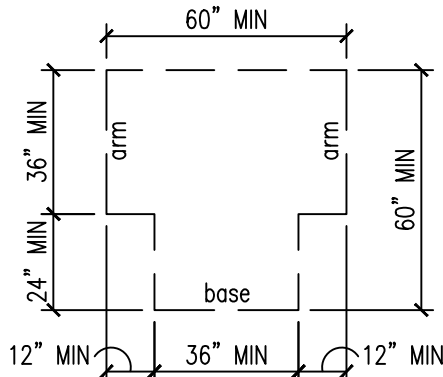


Figure 304.3.2 T-Shaped Turning Space

304.4 DOOR SWING. Doors shall be permitted to swing into turning spaces.

### 305 CLEAR FLOOR SPACE OR GROUND FLOOR 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 inches (760 mm) minimum by 48 inches (1220 mm) minimum

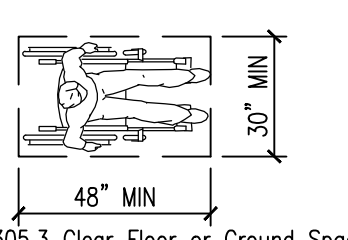


Figure 305.3 Clear Floor or Ground Space

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 element.

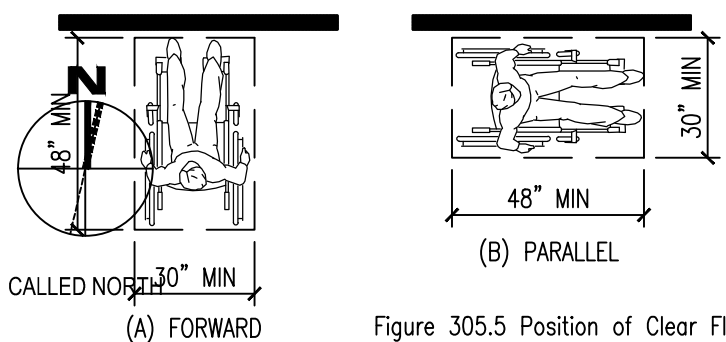


Figure 305.5 Position of Clear Floor or Ground Space

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 ground space.

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 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

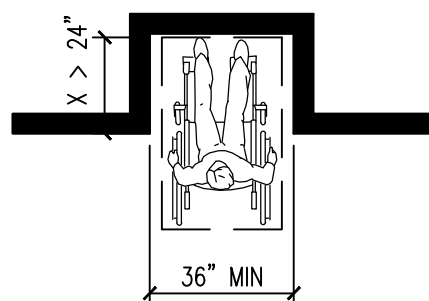


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 PARALLEL APPROACH. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

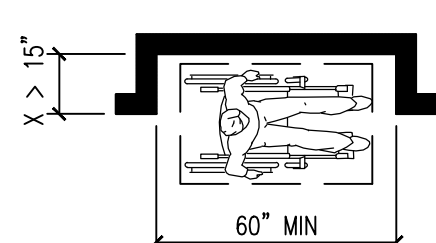
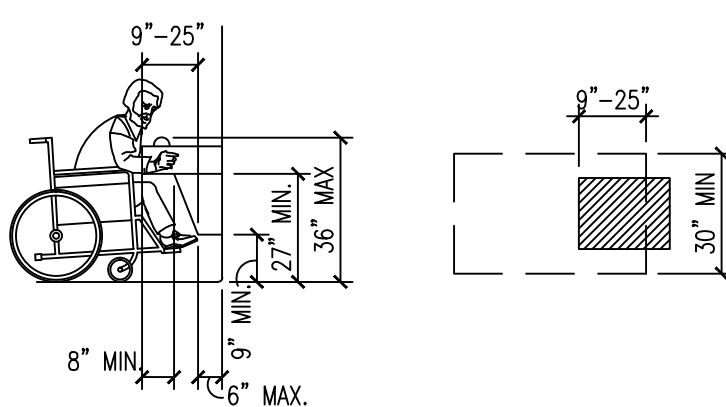


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

### 306 KNEE AND TOE CLEARANCE



### 307 PORTRUDING OBJECTS

307.2 PROTRUSION LIMITS. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) 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 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

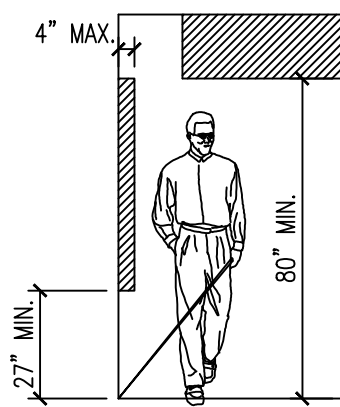


Figure 307.3 Post-Mounted Protruding Objects

307.4 VERTICAL CLEARANCE. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

### 308 REACH RANGE

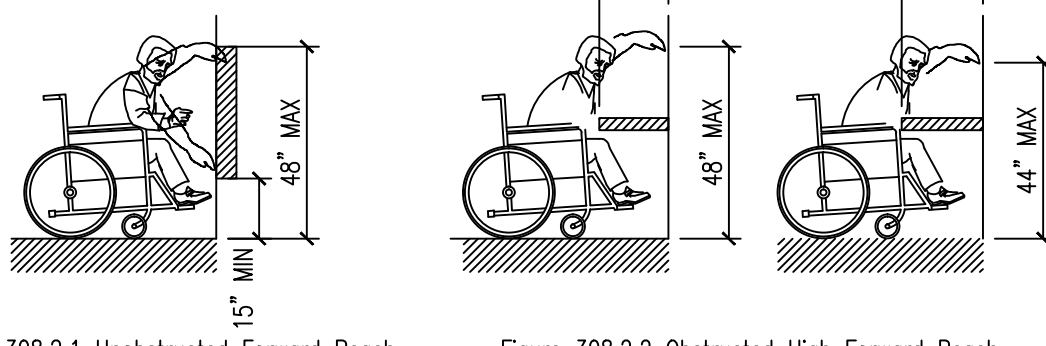


Figure 308.2.1 Unobstructed Forward Reach

Figure 308.2.2 Obstructed High Forward Reach

### 308.3 SIDE REACH.

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 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### EXCEPTIONS:

- An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches (255 mm) maximum.
- Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

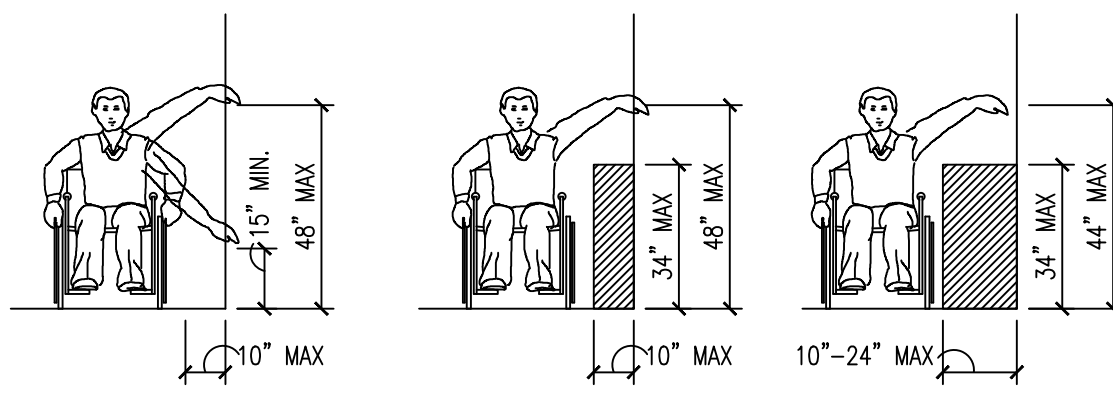


Figure 308.3.1 Unobstructed Side Reach

Figure 308.3.2 Obstructed High Side Reach

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 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

#### EXCEPTIONS:

- The top of washing machines and clothes dryers shall be permitted to be 36 inches (915 mm) maximum above the finish floor.

- Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

### 309 OPERABLE PARTS

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 (22.2 N) maximum.

EXCEPTION: Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

### 402 ACCESSIBLE ROUTES

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 route shall comply with the applicable requirements of Chapter 4.

### 403 WALKING SURFACE

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 1:48.

403.5 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 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

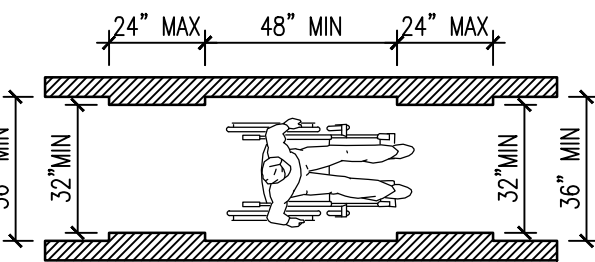


Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 CLEAR WIDTH AT TURN. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

EXCEPTION: Where the clear width at the turn is 60 inches (1525 mm) minimum compliance with 403.5.2 shall not be required.

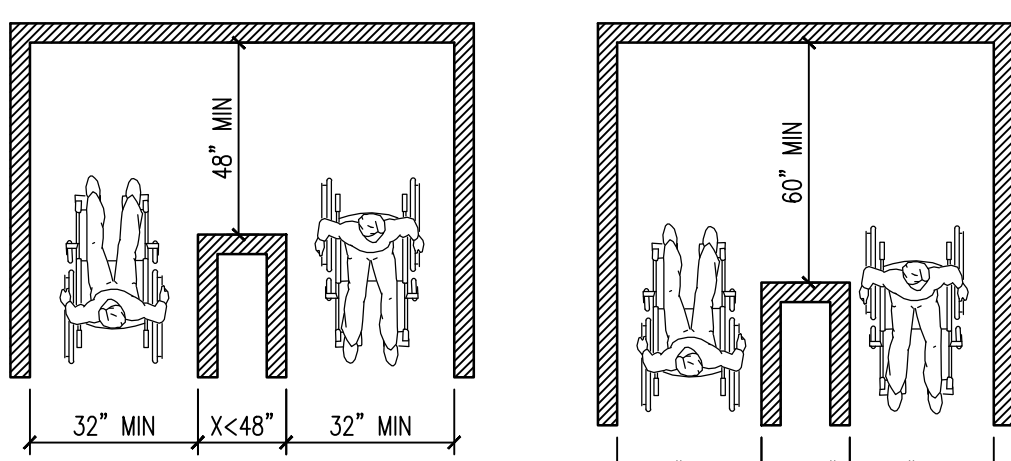


Figure 403.5.2 Clear Width at Turn

Figure 403.5.2 Clear Width at Turn (EXCEPTION)

403.5.3 PASSING SPACES. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either: a space 60 inches (1525 mm) minimum by 60 inches (1525 mm) 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 inches (1220 mm) minimum beyond the intersection.

### 404 DOORS, DOORWAYS, AND GATES

404.2.3 CLEAR WIDTH. Door openings shall provide a clear width of 32 inches (815 mm) 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 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening wider than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening wider than 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### EXCEPTIONS:

- In alterations, a projection of 5/8 inch (16 mm) maximum into the required clear width shall be permitted for the latch side stop.
- Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

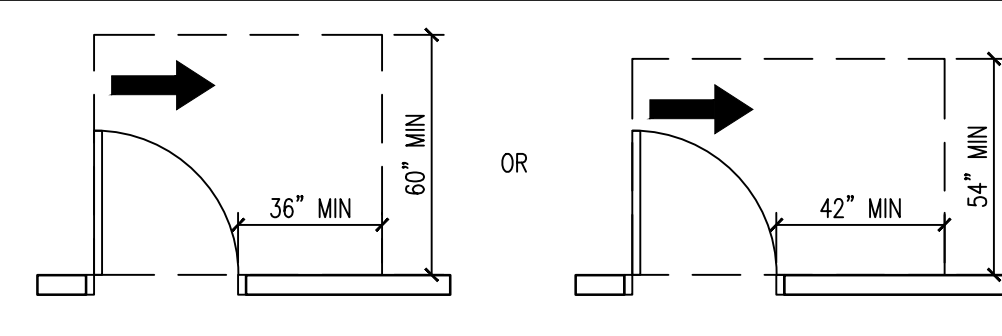
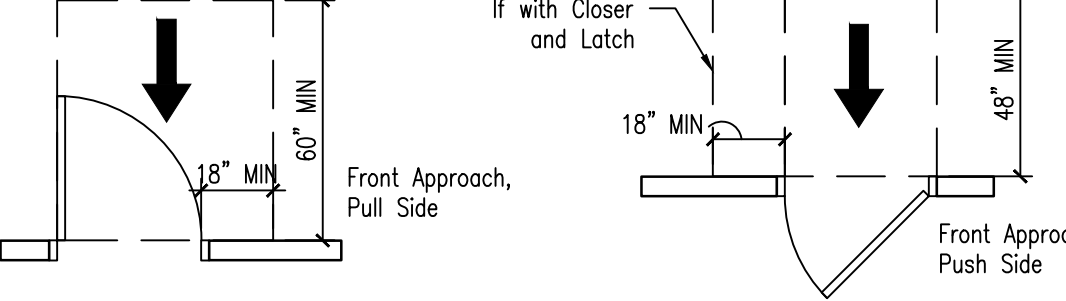


Figure 404.2.6 Doors in Series and Gates in Series

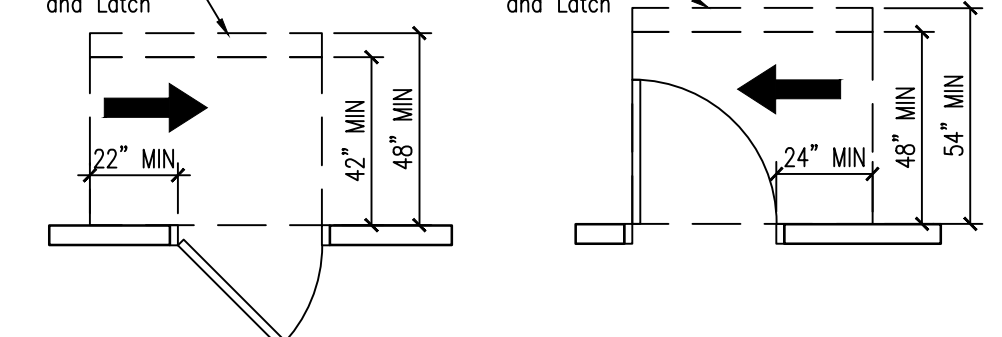


Figure 404.2.10 Door and Gate Surfaces

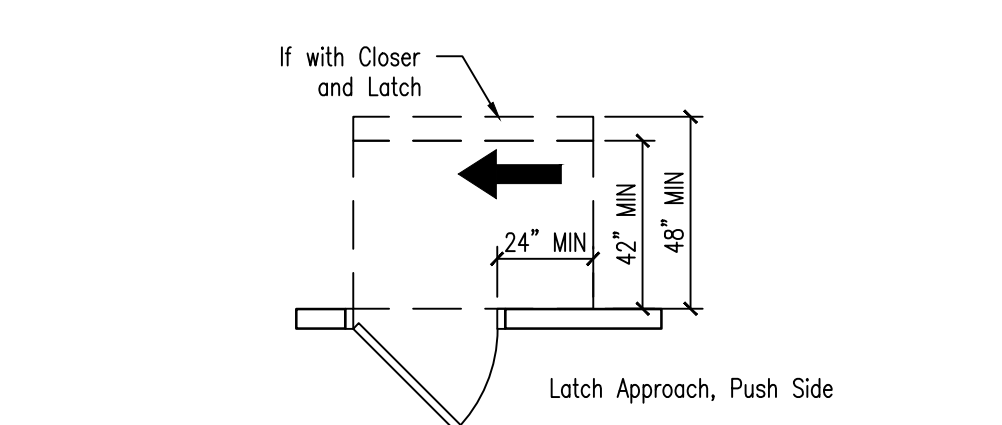


Figure 404.2.10 Door and Gate Surfaces

404.2.10 DOOR AND GATE SURFACES. Swinging door and gate surfaces within 10 inches (255 mm) 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 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

### 405 RAMPS

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.

1:8 SLOPE = 3" Maximum Rise  
1:10 SLOPE = 6" Maximum Rise

405.3 CROSS SLOPE. Cross slope of ramp runs shall not be steeper than 1:48.

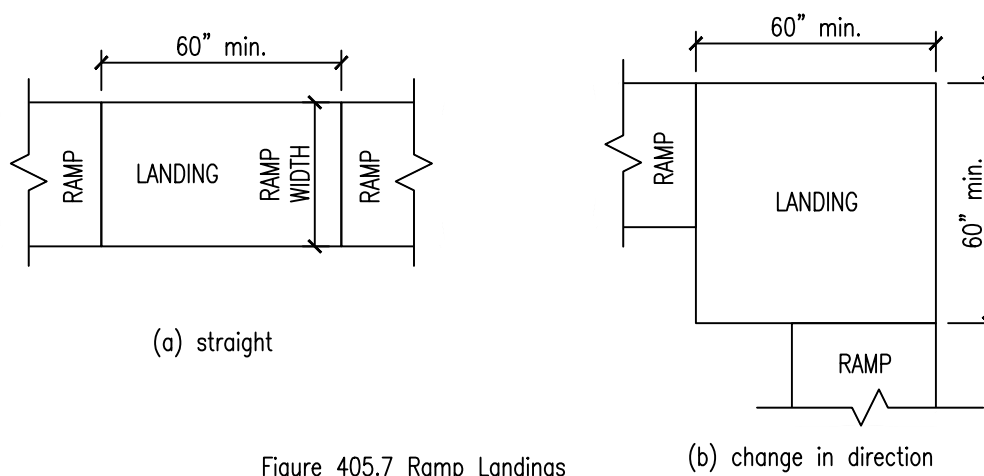


Figure 405.2 Ramp Landings

405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) 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 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.

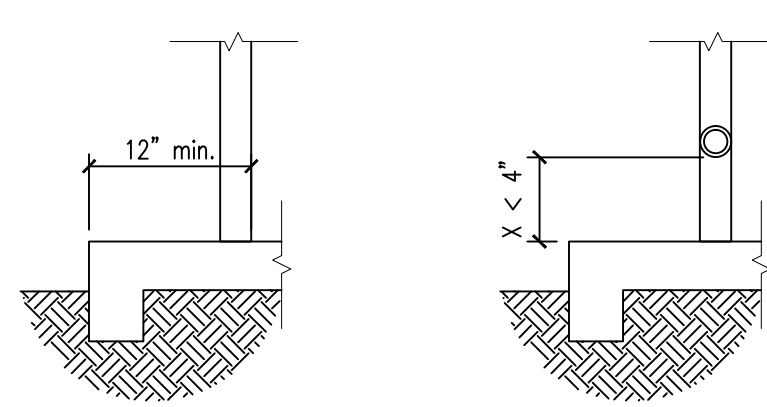


Figure 405.9.1 Extended Floor or Ground Surface Edge Protection

Figure 405.9.2 Curb or Barrier Edge Protection

### 406 CURB RAMPS

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.



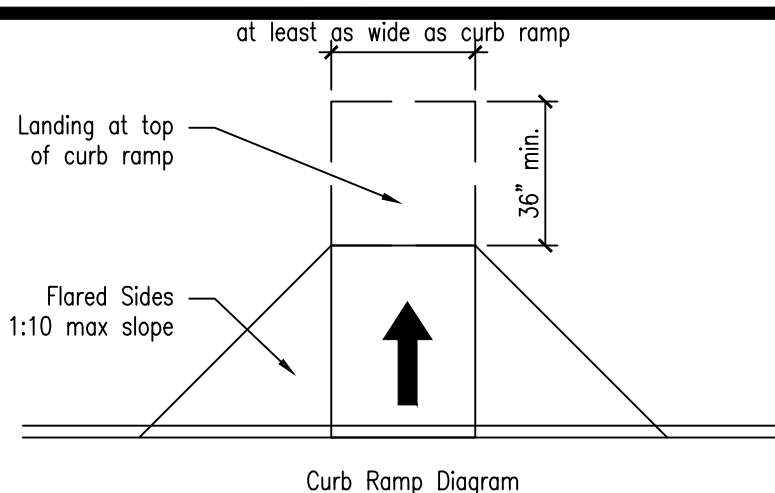
Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

406.3 SIDES OF CURB RAMPS. Where provided, curb ramp flares shall not be steeper than 1:10.

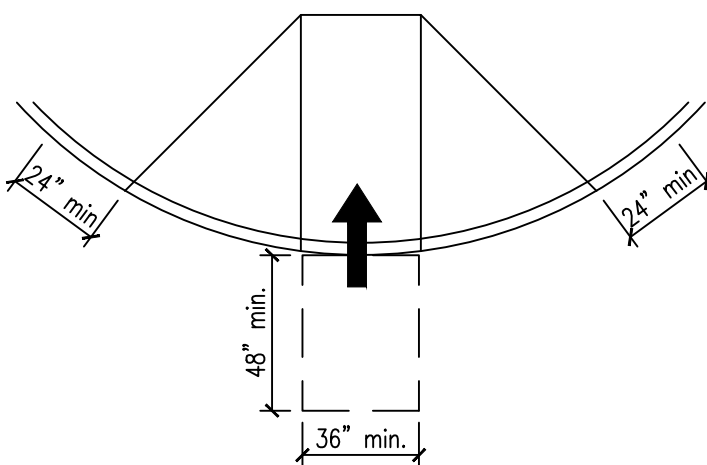
406.4 LANDINGS. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.

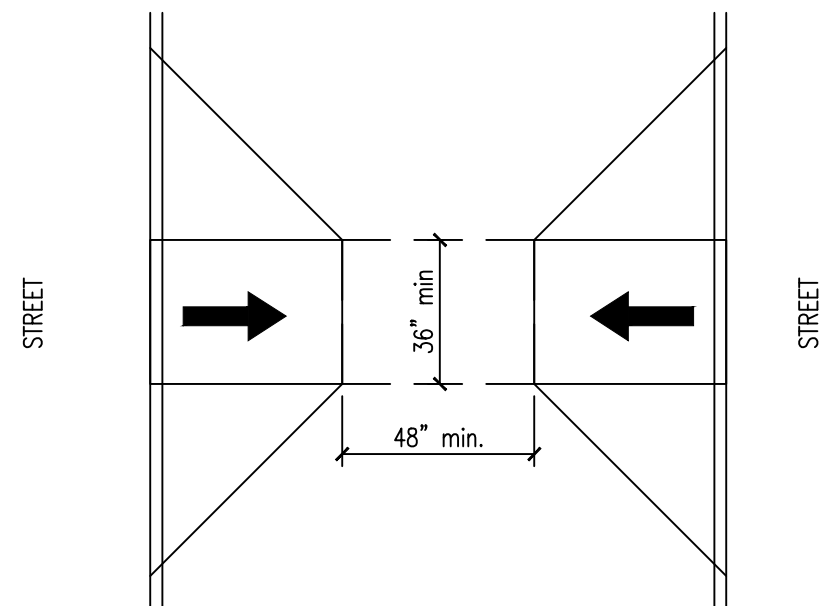
406.5 LOCATION. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.



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 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.



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 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.



### 502 PARKING SPACES

502.2 VEHICLE SPACES. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) 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 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.

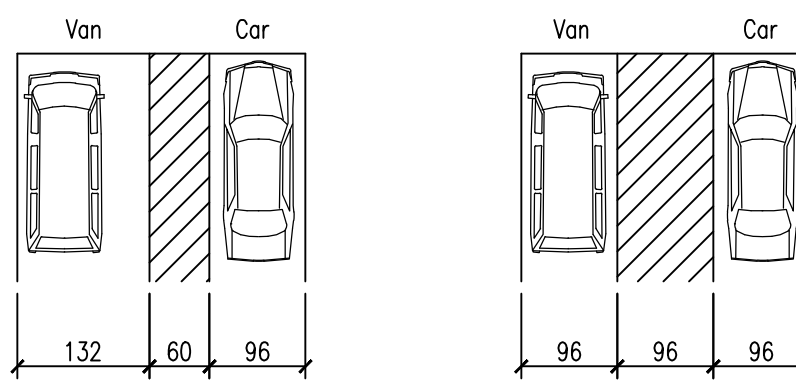


Figure 502.2 Vehicle Parking Spaces

Figure 502.2 Vehicle Parking Spaces (Exception)

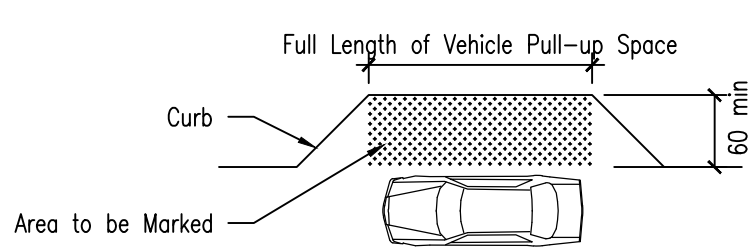
502.3.4 LOCATION. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces.

502.5 VERTICAL CLEARANCE. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2490 mm) minimum.

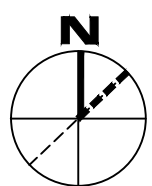
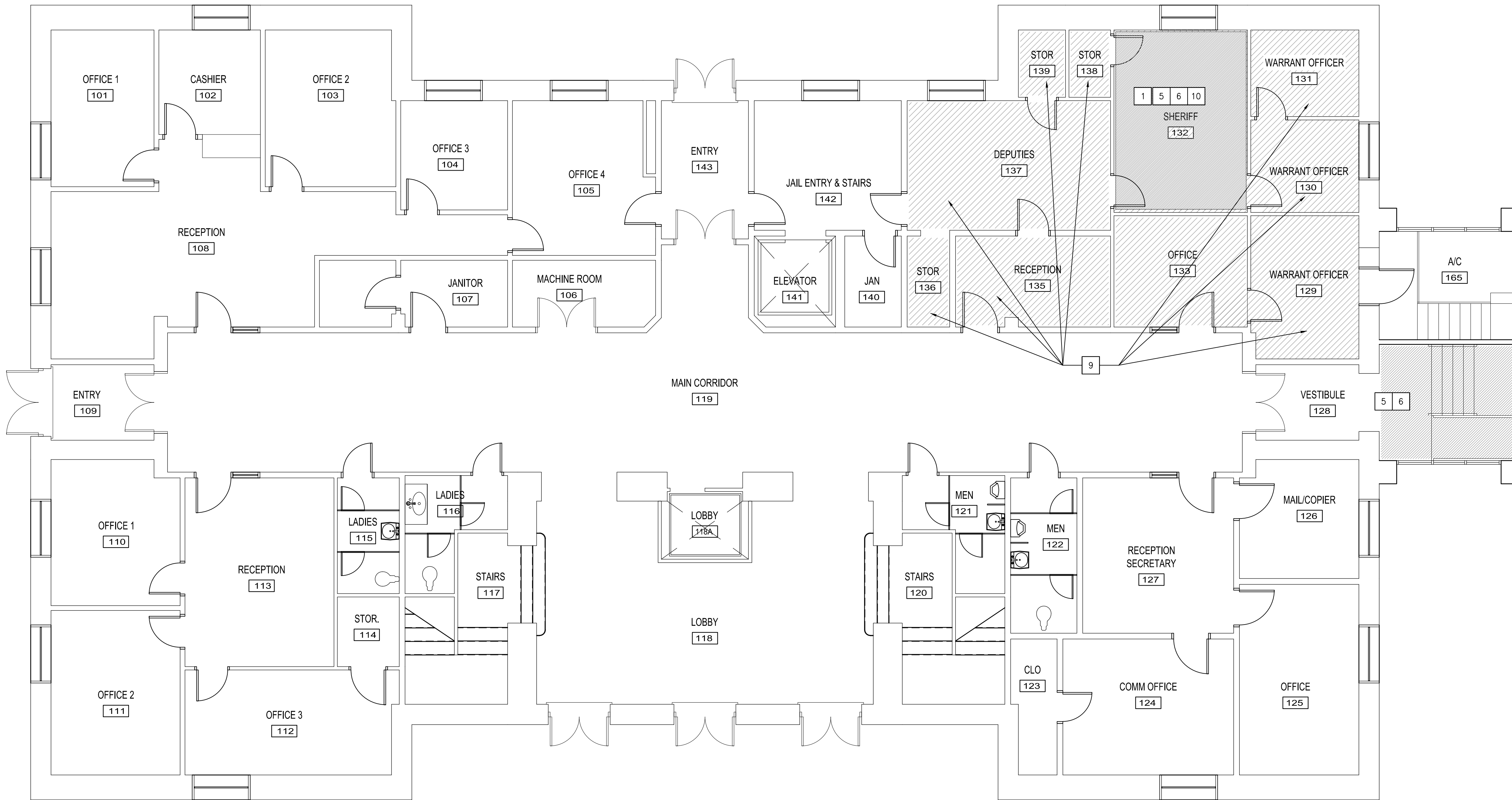
502.6 IDENTIFICATION. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

### 503 PASSENGER LOADING ZONES

503.2 VEHICLE PULL-UP SPACE. Passenger loading zones shall provide a vehicular pull-up space 96 inches (2440 mm) wide minimum and 20 feet (6100 mm) long minimum.







1 FIRST FLOOR PLAN  
SCALE: 3/16" = 1'-0"

## CONSTRUCTION NOTES

1. REMOVE AND REPLACE EXISTING 2'X4' FLORESCENT LIGHT FIXTURE WITH MATCHING LED UNIT.
2. REFINISH SMALL WATER STAINED AREAS OF TWO EXISTING WOOD BENCHES TO MATCH ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.
3. REPAIR APPROXIMATE 6 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.
4. REPAIR APPROXIMATE 96 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT.
5. REPLACE OR REPAIR GYPSUM BOARD, WALLS DAMAGED BY WATER INTRUSION. REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS. REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

6. REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 2'X4' ARMSTRONG ARMSTRONG 24 X 48 X .75 NO. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.
7. REPAIR APPROXIMATE 4 SQUARE FEET OF WOOD WALL VENEER, WINDOW SILL AND WINDOW TRIM DELAMINATED OR STAINED BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.
8. REPAIR APPROXIMATE 15 LINEAL FEET OF WOODEN WINDOW TRIM WHERE STAINED OR BUCKLED BY RE-ATTACHING AS NECESSARY AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.
9. REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL NEW PATCRAFT SHAW CONTACT INTENTION MODULAR 18 X 36 CARPET TILES. (FINAL COLOR TO BE SELECTED BY OWNER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH ALL WORK INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 5% LINEAR FEET ATTIC STOCK MATERIALS FOR 4" COVERED RUBBER BASE.

10. REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL MOHAWK GROUP MATUTO PLUS STONE LUXURY VINYL TILES IN MANUFACTURER'S DECO PATTERN WITH THREE COLORS (858A BRONZE BLAST STONE, 959A GREY GRANITE STONE, AND 915A FROSTBITE STONE). INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 15% LINEAR FEET ATTIC STOCK MATERIALS COVERED RUBBER BASE.
11. AT EXISTING ACCESSIBLE RAMP, REMOVE EXISTING CARPET AND BASE MATERIALS, CLEAN AND INSTALL NEW MOHAWK TUFF STUFF II MODULAR TILE DIRECT GLUE DOWN CARPET ON RAMP WITH COMPLIANT ADHESIVE LAID FLOORING RUNNING 90 DEGREES TO THE SLOPE OF THE STAIR ALONG WITH NEW 4" COVERED RUBBER BASE ON OUTSIDE WALL LINE WHERE APPLICABLE.
12. REMOVE ANY EXISTING RUBBER/VINYL BASE AND INSTALL NEW 4" COVERED RUBBER BASE WITH MANUFACTURER'S INSIDE/OUTSIDE CORNER. NOTE, VINYL BASE WILL NOT BE ACCEPTED.
13. UNDER ALTERNATE NO. 1 WHERE NOTED ON DRAWINGS ON FIRST FLOOR : REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 24 X 48 X .75 INCH ARMSTRONG ITEM NO. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

14. UNDER ALTERNATE NO. 2 WHERE NOTED ON DRAWINGS : REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS. REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.
15. UNDER ALTERNATE NO. 3 WHERE NOTED ON DRAWINGS ON FIRST FLOOR: REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL NEW PATCRAFT SHAW CONTACT INTENTION MODULAR 18 X 36 CARPET TILES (FINAL COLOR TO BE SELECTED BY OWNER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH ALL WORK INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 5% LINEAR FEET ATTIC STOCK MATERIALS FOR 4" COVERED RUBBER BASE.
16. UNDER ALTERNATE NO. 4 WHERE NOTED ON DRAWINGS : REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 24 X 48 X .75 INCH ARMSTRONG ITEM NO. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

17. UNDER ALTERNATE NO. 5 WHERE NOTED ON DRAWINGS : REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS. REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

## SUB COURTHOUSE REPAIRS AND RENOVATION

Jefferson County

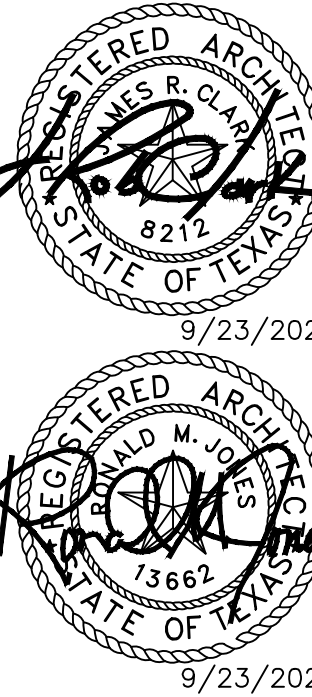
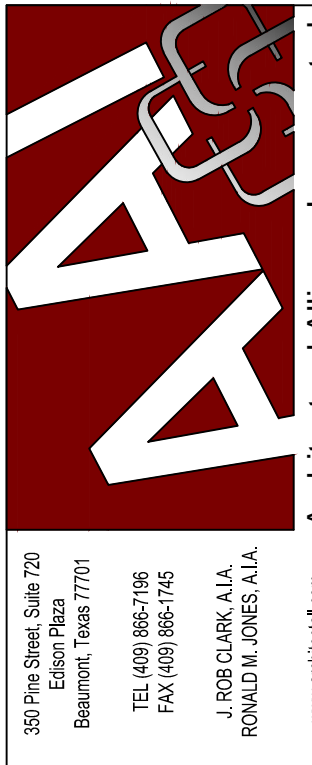
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525 Lakeshore Drive

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DATE:	

DRAWINGS SHEET TITLE  
**FIRST FLOOR PLAN**

SHEET NUMBER  
**A101**  
20093  
PROJECT NUMBER





**17. UNDER ALTERNATE NO. 5, WHERE NOTED ON DRAWINGS :** REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS WITH WHITE PIGMENT. ALL EXISTING WALL COVERING TO BE REMOVED. WHITE AREAS ARE SCHEDULED TO BE PAINTED ALL WALLS REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED), WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD TO MATCH EXISTING SURROUNDING GYPSUM BOARD. WHERE THERE IS FLOTTING WORK, NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

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1. REMOVE AND REPLACE EXISTING 2'X4' FLORESCENT LIGHT FIXTURE WITH MATCHING LED UNIT.

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2. REFINISH SMALL WATER STAINED AREAS OF TWO EXISTING WOOD BENCHES TO MATCH ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.

3. REPAIR APPROXIMATE 6 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.

4. REPAIR APPROXIMATE 96 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT.

5. REPLACE OR REPAIR GYPSUM BOARD, WALLS DAMAGED BY WATER INTRUSION REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT THE ROOM WHERE REPAIRS ARE TO BE MADE. TO MATCH EXISTING WALLS, REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED), WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD TO MATCH EXISTING STANDING ALICE AND FLORENCE WORKING IN ANY SCHEDULED ROOM. ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

6. REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FULLY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW **2x4x8 ARMSTRONGS ARMSTRONGS 24 X 48 x .75 NO. 1713 SCHOOL ZONE FINE SURRED** ACOUSTICAL CEILING TILES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RE-INSTALLATION OF ALL EXISTING LIGHT DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

7. REPAIR APPROXIMATE 4 SQUARE FEET OF WOOD WALL VENEER, WINDOW SILL AND WINDOW TRIM DELAMINATED OR STAINED BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.

8. REPAIR APPROXIMATE 15 LINEAL FEET OF WOODEN WINDOW TRIM WHERE STAINED OR BUCKLED BY RE-ATTACHING AS NECESSARY AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.

9. REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL NEW PATCATF SHAW  
CORCAT INTACTMODULAR 18 X 36 CARPET TILES. (FINAL COLOR TO BE SELECTED  
BY OWNER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW  
UNDERLAY 1/4" THICK 100% POLYURETHANE).  
INSTALL INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH  
ALL WORK INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING  
CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION.  
PROVIDE THE OWNER WITH 5% AT-RISK STOCK MATERIALS FOR EACH COLOR UTILIZED  
ON THE PROJECT. PROVIDE 5% LINEAL FEET ATTIC STOCK  
MATERIALS FOR 4" COVERED RUBBER BASE.

10. REMOVE EXISTING FLOORING AND RUBBER BARS AND INSTALL. MOHAWK GROUP MATUOLO PLUS STONE LUXURY VINYL TILES IN MANUFACTURER'S DECO PATTERN WITH THREE COLORS (858A BRONZE ELAST STONE, 959A GREY GRANITE STONE, AND 915A BRONZE GRANITE STONE). PROVIDE 15% LINEAR FEET OF EACH COLOR. PROVIDE 15% LINEAR FEET INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STICK MATERIALS FOR EACH COLOR FOR UTILIZED IN THE PROJECTED BOXES. PROVIDE 15% LINEAR FEET ATTIC STICK MATERIALS COVER RUBBER BARS.

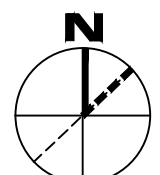
11. AT EXISTING ACCESSIBLE RAMP, REMOVE EXISTING CARPET AND BASE MATERIALS, CLEAN AND INSTALL NEW MOHAWK TUFF STUFF II MODULAR TILE DIRECT GLUE DOWN CARPET ON RAMP WITH COMPLIANT ADHESIVE LAID FLOORING RUNNING 90 DEGREES TO THE SLOPE OF THE STAIR ALONG WITH NEW 4" COVED RUBBER BASE ON OUTSIDE WALL LINE WHERE APPLICABLE.

12. REMOVE ANY EXISTING RUBBER/VINYL BASE AND INSTALL NEW 4" COVERED RUBBER BASE WITH MANUFACTURER'S INSIDE/OUTSIDE CORNER. NOTE, VINYL BASE WILL NOT BE ACCEPTED.

13. UNDER ALTERNATE NO. 1 WHERE NOTED ON DRAWINGS ON FIRST FLOOR: REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING ACOUSTICAL TILE MAY BE DAMAGED AND REPAIRS MAY BE REQUIRED. PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING CEILING SHALL BE REMOVED AND REPLACED WITH NEW SUSPENDED CEILING. ALL NEW/RE-SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 24 X 48 X .75 INCH ARMSITRONG ITEM NO. 1713 SCHOOL ZONE FINE FISSED SQUARE LAV-IN CEILING PANELS; CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING LIGHT FIXTURES. SIGNATURE OF CONTRACTOR TO BE ON ALL NEW/RE-EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

**14. UNDER ALTERNATE NO. 2, WHERE NOTED ON DRAWINGS:** ; REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS OF NAFS WALL PAINT EXISTING THROUGH OUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED, ALL WALLS TO BE REMOVED AND REPAIRED WITH COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD, REPAIR WITH GYPSUM BOARD, PAINT WITH NAFS WALL PAINT AND FLOORING WORK. NOTE: IN ALL SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

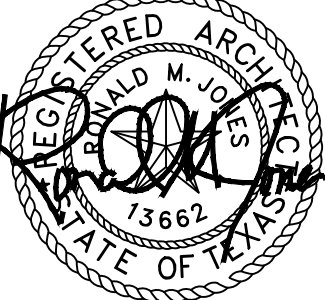
15. UNDER ALTERNATE NO. 3 WHERE NOTED ON DRAWINGS ON FIRST FLOOR: REMOVE EXISTING FLOORING AND RUBBER BARS AND INSTALL NEW PATCFART SHAW CONTACT RUBBER FLOORING TO MATCH EXISTING FLOORING. PROVIDE 1/4" RUBBER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW 4" RUBBER COVERED BARS (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH ALL WORK TO BE DONE WITHIN 10' OF EXISTING FLOORING. PROVIDE 5% LINEAR FEET AT TITIC CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% AT-TIC STOCK MATERIALS FOR EACH COLOR UTILIZED TO MATCH EXISTING FLOORING. PROVIDE 5% LINEAR FEET AT TITIC STOCK MATERIALS FOR 4" COVER RUBBER BARS.



1 FIRST FLOOR ANNEX PLAN  
SCALE: 3/16" = 1'-0"



9/23/2020



9/23/2020

## SUB COURTHOUSE REPAIRS AND RENOVATION

Jefferson County

525 Lakeshore Drive

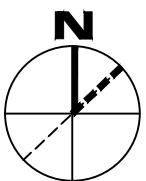
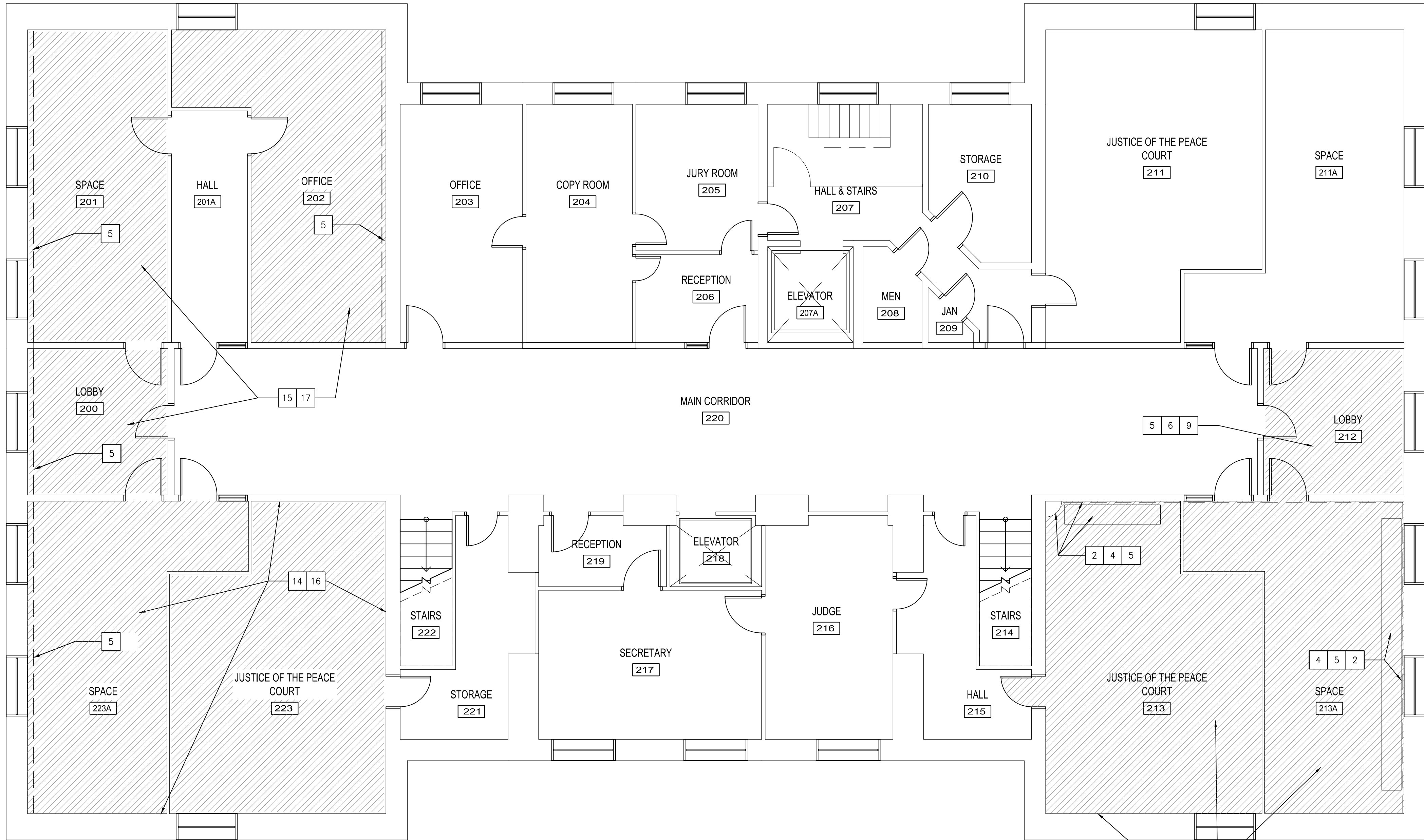
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DATE: _____	

DRAWINGS SHEET TITLE

FIRST FLOOR  
ANNEX PLAN

SHEET NUMBER  
**A102**  
20093  
PROJECT NUMBER





1 SECOND FLOOR PLAN  
SCALE: 3/16" = 1'-0"

## CONSTRUCTION NOTES

1. REMOVE AND REPLACE EXISTING 2'X4' FLORESCENT LIGHT FIXTURE WITH MATCHING LED UNIT.
2. REFINISH SMALL WATER STAINED AREAS OF TWO EXISTING WOOD BENCHES TO MATCH ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.
3. REPAIR APPROXIMATE 6 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT. REFERENCE PHOTOGRAPHS FOR GENERAL AREA OF REPAIRS.
4. REPAIR APPROXIMATE 96 SQUARE FEET OF WATER STAINED AND SOME VISIBLE DELAMINATING WOOD WALL VENEER BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH AFTER PROVIDING A TEST AREA FOR APPROVAL BY OWNER AND ARCHITECT.
5. REPLACE OR REPAIR GYPSUM BOARD, WALLS DAMAGED BY WATER INTRUSION. REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS, REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

6. REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 2'X4' ARMSTRONG ARMSTRONG 24 X 48 X .75 No. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.
7. REPAIR APPROXIMATE 4 SQUARE FEET OF WOOD WALL VENEER, WINDOW SILL AND WINDOW TRIM DELAMINATED OR STAINED BY RE-ADHERING WITH GLUE AND PRESSURE AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.
8. REPAIR APPROXIMATE 15 LINEAL FEET OF WOODEN WINDOW TRIM WHERE STAINED OR BUCKLED BY RE-ATTACHING AS NECESSARY AND REFINISH AS NECESSARY TO MATCH EXISTING ADJACENT SURFACE BOTH COLOR AND FINISH.
9. REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL NEW PATCRAFT SHAW CONTACT INTENTION MODULAR 18 X 36 CARPET TILES. (FINAL COLOR TO BE SELECTED BY OWNER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH ALL WORK INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 5% LINEAR FEET ATTIC STOCK MATERIALS FOR 4" COVERED RUBBER BASE.

10. REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL MOHAWK GROUP MATUTO PLUS STONE LUXURY VINYL TILES IN MANUFACTURER'S DECO PATTERN WITH THREE COLORS (858A BRONZE BLAST STONE, 959A GREY GRANITE STONE, AND 915A FROSTBITE STONE). INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 15% LINEAR FEET ATTIC STOCK MATERIALS COVERED RUBBER BASE.
11. AT EXISTING ACCESSIBLE RAMP, REMOVE EXISTING CARPET AND BASE MATERIALS, CLEAN AND INSTALL NEW MOHAWK TUFF STUFF II MODULAR TILE DIRECT GLUE DOWN CARPET ON RAMP WITH COMPLIANT ADHESIVE LAID FLOORING RUNNING 90 DEGREES TO THE SLOPE OF THE STAIR ALONG WITH NEW 4" COVERED RUBBER BASE ON OUTSIDE WALL LINE WHERE APPLICABLE.
12. REMOVE ANY EXISTING RUBBER/VINYL BASE AND INSTALL NEW 4" COVERED RUBBER BASE WITH MANUFACTURER'S INSIDE/OUTSIDE CORNER. NOTE, VINYL BASE WILL NOT BE ACCEPTED.
13. UNDER ALTERNATE NO. 1 WHERE NOTED ON DRAWINGS ON FIRST FLOOR : REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 2'X4' X .75 INCH ARMSTRONG ITEM NO. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

14. UNDER ALTERNATE NO. 2 WHERE NOTED ON DRAWINGS : REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS, REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.
15. UNDER ALTERNATE NO. 3 WHERE NOTED ON DRAWINGS ON FIRST FLOOR: REMOVE EXISTING FLOORING AND RUBBER BASE AND INSTALL NEW PATCRAFT SHAW CONTACT INTENTION MODULAR 18 X 36 CARPET TILES (FINAL COLOR TO BE SELECTED BY OWNER AND ARCHITECT FROM MANUFACTURER'S STANDARD LINE. INSTALL NEW 4" RUBBER COVERED BASE (VINYL NOT ACCEPTED) INCLUDING USE OF MANUFACTURER'S INSIDE AND OUTSIDE CORNER COMPONENTS IN ALL INSTALLATION LOCATIONS WITH ALL WORK INSTALLED IN COMPLIANCE WITH MANUFACTURER'S STANDARD INCLUDING CLEANING/PREPARATION OF FLOOR, ADHESIVE AND FLOORING INSTALLATION. PROVIDE THE OWNER WITH 5% ATTIC STOCK MATERIALS FOR EACH COLOR UTILIZED ON THE PROJECT IN NON-OPENED BOXES. PROVIDE 5% LINEAR FEET ATTIC STOCK MATERIALS FOR 4" COVERED RUBBER BASE.
16. UNDER ALTERNATE NO. 4 WHERE NOTED ON DRAWINGS : REMOVE AND REPLACE DAMAGED SUSPENDED CEILING GRID AND TILE (SALVAGING EXISTING LIGHT FIXTURES FOR RE-INSTALLATION) AND REPLACE WITH NEW SUSPENDED CEILING GRID SYSTEM AND NEW ACOUSTICAL TILE AS SPECIFIED. IN CERTAIN CASES, THE EXISTING GRID MAY BE SALVAGEABLE TO BE SANDED SMOOTH, PRIMED AND PAINTED WITH TWO COATS ENAMEL PAINT SUCH THAT NO DEFECTS CAN BE DETECTED. CONTRACTOR SHALL DETERMINE THESE CASES AND BE SOLELY RESPONSIBLE TO REPAIR CEILINGS TO THE SATISFACTION OF OWNER AND ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING TILES. IF REPAIRS ARE NOT ACCEPTABLE, EXISTING GRID MUST BE REMOVED AND REPLACED WITH SPECIFIED PRODUCT. ALL NEW SUSPENDED ACOUSTICAL TILE CEILING MUST BE INSTALLED WITH LASER LEVELING DEVICE FOR UNIFORM ELEVATION ABOVE FLOOR. FURNISH AND INSTALL NEW 2'X4' X .75 INCH ARMSTRONG ITEM NO. 1713 SCHOOL ZONE FINE FISSURED SQUARE LAY-IN CEILING PANELS. CONTRACTOR TO INCLUDE PROTECTION AND RE-INSTALLATION OF ALL EXISTING FIRE DETECTION, SIGNALING AND TECHNOLOGY DEVICES. REINSTALL EXISTING SALVAGED LIGHT FIXTURES. NOTE, FIXTURE MAY BE TIED-UP AGAINST CEILING TO REDUCE DAMAGE AND FACILITATE REINSTALLATION.

17. UNDER ALTERNATE NO. 5 WHERE NOTED ON DRAWINGS : REPLACE OR REPAIR BALANCE OF GYPSUM BOARD, WALLS REMOVING ANY EXISTING WALL COVERING, PATCH, FLOAT, TEXTURE WITH ORANGE PEEL FINISH, PRIME AND PAINT TWO COATS ENAMEL PAINT TO MATCH EXISTING THROUGHOUT BUILDING. WHERE ROOMS ARE SCHEDULED TO BE PAINTED ALL WALLS, REMOVE ANY EXISTING VINYL WALL COVERINGS BEFORE REPAIRING WALLS TO STANDARDS NOTED. WHERE WALLS ARE PAINTED, CONTRACTOR SHALL BE RESPONSIBLE TO PAINT EXISTING DOOR FRAMES WITH COLOR TO MATCH (WHERE PAINTED). WHERE EXISTING GYPSUM BOARD HAS BLOOMED DUE TO WATER INTRUSION, CUT-OUT FULL SECTION EDGE OF STUD TO EDGE OF STUD AND INSTALL NEW GYPSUM BOARD PRIOR TO STARTING TAPE AND FLOATING WORK. NOTE, IN ANY SCHEDULED ROOM, ALL EXISTING VINYL WALL COVERED OR PAINTED GYPSUM BOARD WALLS ARE COVERED BY THIS NOTE.

## SUB COURTHOUSE REPAIRS AND RENOVATION

Jefferson County

525 Lakeshore Drive

Port Arthur, TX 77640

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REVISION:	
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DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE  
**SECOND FLOOR PLAN**

SHEET NUMBER  
**A103**  
20093  
PROJECT NUMBER

