

COMMERCIAL ALTERATION

for NJ HOMES

INDEX of SHEETS

DRAWING NO. ARCHITECTURAL

CONTENTS

A—1	TITLE SHEET AND CODE INFORMATION
A—2	EXIST. AND ALTERED GROUND FLOOR
A—3	EXIST. AND ALTERED UPPER FLOOR
A—4	SCHEDULE AND SECTION DETAILS
A—5	ALTERED GROUND AND UPPER ELECTRICAL PLANS
AC—1	ACCESSIBLE NOTES AND DETAIL SHEET—1
AC—2	ACCESSIBLE NOTES AND DETAIL SHEET—2
GN—1	GENERAL NOTES

803.13 INTERIOR WALL/CEILING FINISH REQUIREMENTS			
GROUP (NS)	INT. EXIT STAIR	CORRIDOR	ROOMS/SPACES
NON-SPRINKLERED			
B	A	B	C
CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPMENT INDEX 0-450 CLASS B: FLAME SPREAD INDEX 24-75; SMOKE DEVELOPMENT INDEX 0-450 CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPMENT INDEX 0-450			

NOTE: THE OWNER SHALL PROVIDE A DRINKING WATER SERVICE ACCESSIBLE TO ALL CUSTOMERS AND EMPLOYEES OWNERS OPTION TO PROVIDE AN ADA COMPLIANT WATER BUBBLERS

INTERNATIONAL H2O model H2O-500 ADA COMPLIAN BUBBLER SHALL MEET THE REQUIREMENTS OF THE ICC ANSI A117.1-2011 SUBCODE DRINKING SERVICE MAY BE SATISFIED BY PROVIDING AN ACESSIBLE KITCHENETTE COUNTER AND SINK.

REHABILITATION SUBCODE OF THE STATE OF NEW JERSEY COMPLIANCE DATA

EXIST. CONST. TYPE :	5-B UNPROTECTED
EXIST. AND PROPOSED USE GROUP :	B
SQ. FT. OF GROUND FLOOR PLAN	2,914
SQ. FT. OPEN FLOOR AREA 'A'	1,275
SQ. FT. OPEN FLOOR AREA 'B'	1,119
SQ. FT. RATED STAIR	139
SQ. FT. FLEX AREA/UTILITY ROOM	340
SQ. FT. VESTIBULE	41
SQ. FT. OF UPPER FLOOR PLAN	1,950
SQ. FT. OPEN FLOOR AREA 'C'	1,794
SQ. FT. RATED STAIR	156
COMMERCIAL FLOOR LIVE LOAD	50 LBS
COMMERCIAL SLAB LIVE LOAD	100 LBS

OCCUPANCY LOAD by DESIGN

TOTAL NUMBER OF OCCUPANTS	80
TOTAL NUMBER OF OCCUPANTS (OPEN FLOOR AREA 'A')	25
TOTAL NUMBER OF OCCUPANTS (OPEN FLOOR AREA 'B')	25
TOTAL NUMBER OF OCCUPANTS (OPEN FLOOR AREA 'C')	25
TOTAL NUMBER OF OCCUPANTS (FLEX ROOM)	5

AS PER TABLE 7.21.1 IN THE 2018 NATIONAL PLUMBING SUBCODE THE TOTAL REQUIRED NUMBER OF FIXTURES FOR BOTH SEXES ARE AS FOLLOWS

- 1 WATER CLOSET IS REQUIRED FOR OCCUPANTS UP TO A MAXIMUM OF 25
- 1 LAVATORY IS REQUIRED FOR OCCUPANTS UP TO MAXIMUM OF 25
- 4 WATER CLOSETS HAVE BEEN PROVIDED FOR THE TOTAL NUMBDER OF OCCUPANTS
- 4 ACCESSIBLE LAVATORIES HAVE BEEN PROVIDED FOR THE TOTAL NUMBER OF OCCUPANTS

NOTE: ACCESSIBILITY UPGRADES MUST BE PROVIDED UP TO THE POINT AT AT WHICH PROVIDING ACCESSIBILITY IS DISPROPORTIONATE TO THE COST OF THE OVERALL PROJECT. THE COST IS DISPROPORTIONATE IF IT EXCEEDS 20 PERCENT OF THE COST OF THE ALTERATION WORK.

THE FOLLOWING MATERIALS MAY BE DEDUCTED FROM THE OVERALL COST OF THE PROJECT WINDOWS, HARDWARE, OPERATING CONTROLS, ELECTRICAL OUTLETS AND SIGNAGE

MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OR ALTERATIONS OF FIRE PROTECTION SYSTEMS OR ABATEMENT OF HAZARDOUS MATERIALS

THE REPAIR OR INSTALLTION OF ROOFING, SIDING, OR OTHER EXTERIOR WALL FACADE.

SHT-REV
DATE

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SCALE
AS NOTED

DATE
3-1-25

DRAWN BY
MJS

PROJECT
COMMERCIAL ALTERATION

LOCATION
408 BETHUEL ROAD
SOMERSET POINT

OWNER
NJ HOMES

CAD FILE # 22-145

DRAWING NO.
A-1 of 5

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EXISTING WALLS TO REMAIN

EXISTING DOOR OR WINDOW TO BE REMOVED

EXISTING DOOR OR WINDOW TO REMAIN

NEW PARTITION WALLS

NEW MAN DOOR
SEE DOOR SCHEDULE FOR FURTHER INFO.

1

EXISTING EXTERIOR WALL ASSEMBLY
PATCH, REPAIR OR PAINT THE EXIST.
INTERIOR WALL FINISH AS REQ.

2

ONE HOUR FIRE RATED INTERIOR FRAME WALL
SEE GA. FILE NUMBER 3814 FOR WALL CONST.
REPAIR DAMAGED WOOD STUDS AS NECESSARY
ONE LAYER OF 5/8" TYPE 'X' GWB ON EACH
SIDE OF THE EXISTING FRAME WALL
(MINIMUM LEVEL 4 FINISH ON GWB)

3

NON-BEARING WOOD STUD FULL HEIGHT WALL ASSEMBLY
2x4 HEM FIR #2 OR BETTER WOOD STUDS @16" O.C.
(2) 2x4 TOP PLATES AND (1) 2x4 SOLE PLATE
FASTENED TO THE SLAB WITH POWDER ACTUATED
FASTENERS @24" O.C.
ONE LAYER OF 5/8" GWB ON EACH SIDE OF THE
NEW FRAME WALL ASSEMBLY
(WALL IS TO EXTEND TO THE UNDERSIDE
OF THE EXISTING FLOOR/CEILING STRUCTURE)

4

NON-BEARING WOOD STUD FULL HEIGHT WALL ASSEMBLY
2x4 HEM FIR #2 OR BETTER WOOD STUDS @16" O.C.
(2) 2x4 TOP PLATES AND (1) 2x4 SOLE PLATE
FASTENED TO THE SLAB WITH POWDER ACTUATED
FASTENERS @24" O.C.
ONE LAYER OF 5/8" GWB ON EACH SIDE OF THE
NEW FRAME WALL ASSEMBLY
(WALL IS TO EXTEND TO THE UNDERSIDE
OF THE EXISTING CEILING STRUCTURE)

WALL PARTITION TYPES

MOLD AND MOISTURE RESISTANT
GWB TO BE USED IN ALL WET AREAS

WALLS AND INTERIOR PARTITIONS, WOOD-FRAMED

GA FILE NO. WP 3814

GENERIC

SKETCH AND DESIGN DATA

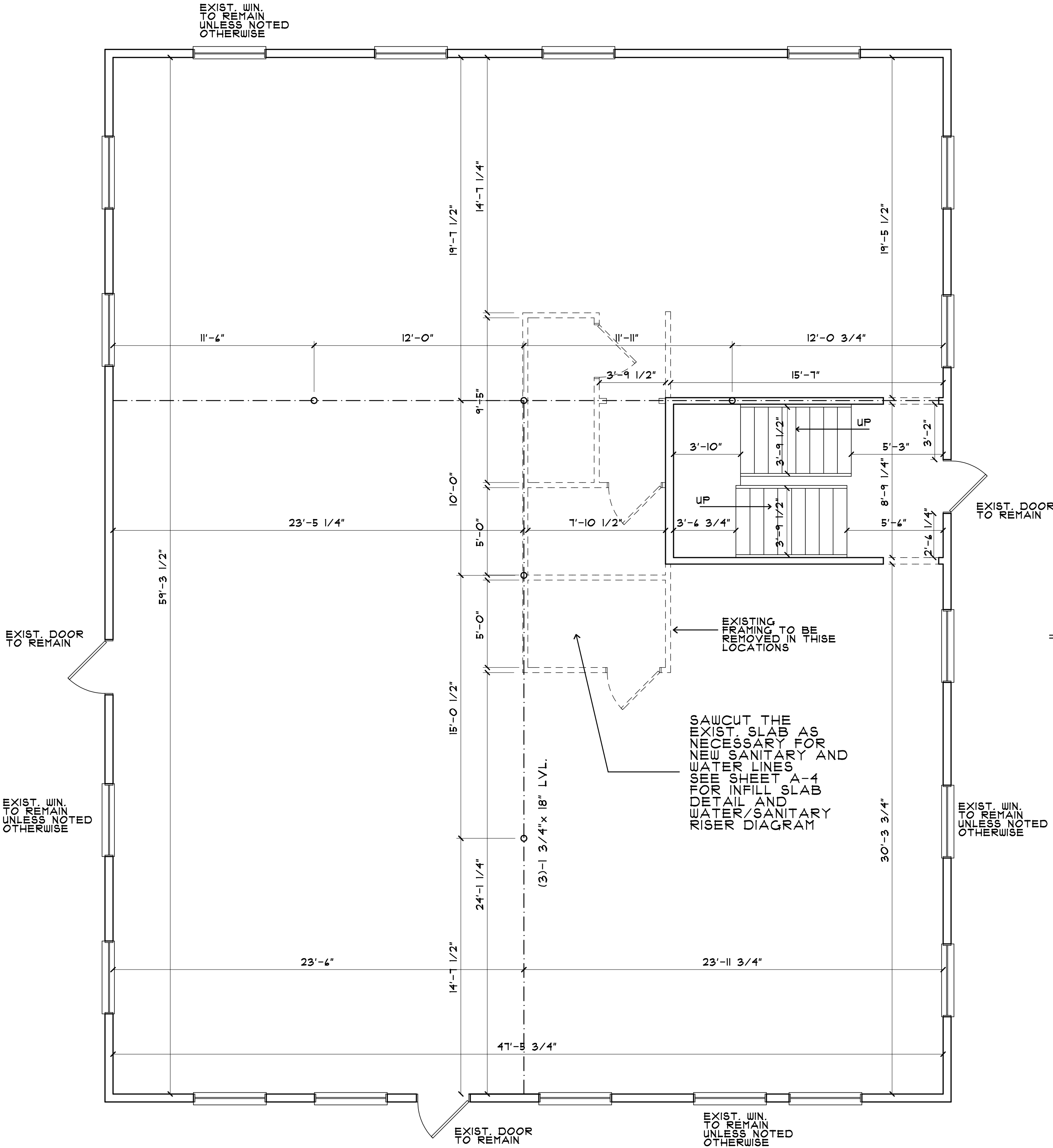
I-HOUR FIRE

Thickness: 4 7/8" (Fire)
Approx. Weight: 7 psf (Fire)
Fire Test: SWRI 07-4511-619(1), 3-94

FIRE DESIGN:

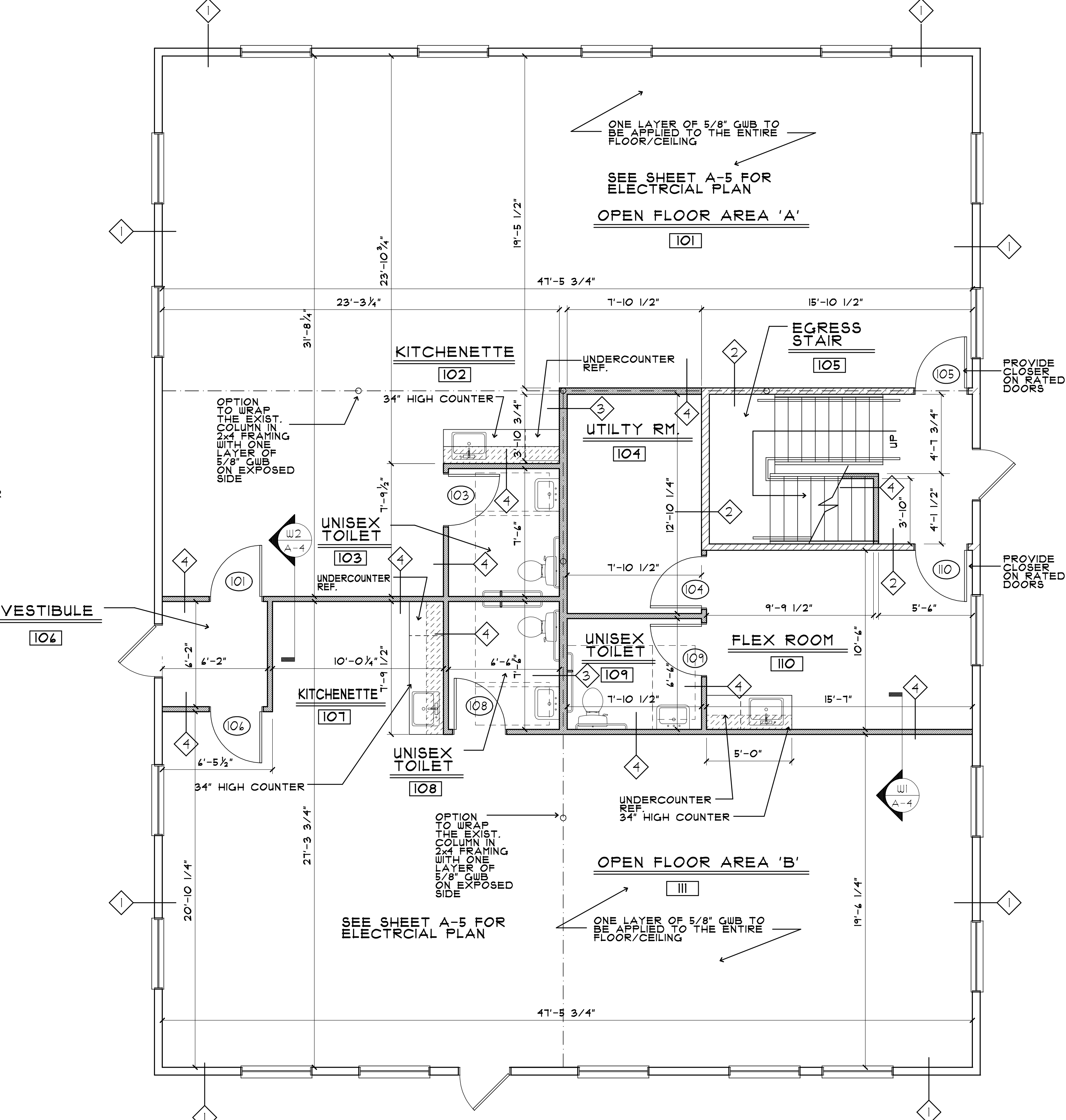
One layer 5/8" type 'x' gypsum wallboard or gypsum veneer base applied parallel
or at right angles to each side of 2x4 wood studs 16" O.C. with 1 1/4" Type W
drywall screws, @12" o.c.

Joints Staggered 16" on opposite sides. (LOAD-BEARING)



EXIST. GROUND FLOOR

SCALE: 1/4"=1'-0" (SHOWN WITH DEMOLITION)



ALTERED GROUND FLOOR

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

SHT-REV

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SCALE NOTED
DATE 3-1-25
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PROJECT COMMERCIAL ALTERATION

OWNER NJ HOMES

CAD FILE # 22-145

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EXISTING WALLS TO REMAIN

EXISTING DOOR OR WINDOW TO BE REMOVED

EXISTING DOOR OR WINDOW TO REMAIN

NEW PARTITION WALLS

NEW MAN DOOR
SEE DOOR SCHEDULE
FOR FURTHER INFO.

- | | | | |
|---|---|---|---|
| 1 | EXISTING WOOD EXTERIOR WALL ASSEMBLY
PATCH, REPAIR OR PAINT THE EXIST.
INTERIOR WALL FINISH AS REQ. | 5 | NON-BEARING WOOD STUD FULL HEIGHT WALL ASSEMBLY
2x4 HEM FIR #2 OR BETTER WOOD STUDS @16" O.C.
(2) 2x4 TOP PLATES AND (1) SOLE PLATE
FASTEN TO THE EXISTING FLOOR SYSTEM WITH 10d NAILS
@16" (MIN.) ON CENTER
ONE LAYER OF 5/8" GWB ON EACH SIDE OF THE
NEW FRAME WALL ASSEMBLY
(WALL IS TO EXTEND TO THE UNDERSIDE
OF THE EXISTING CEILING STRUCTURE) |
| 2 | ONE HOUR FIRE RATED INTERIOR FRAME WALL
SEE G.A. FILE NUMBER 384 FOR WALL CONST.
REPAIR DAMAGED WOOD STUDS AS NECESSARY
ONE LAYER OF 5/8" TYPE 'X' GWB ON EACH
SIDE OF THE EXISTING FRAME WALL
(MINIMUM LEVEL 4 FINISH ON GWB) | | |

MOLD AND MOISTURE RESISTANT
GWB TO BE USED IN ALL WET AREAS

SKETCH AND DESIGN DATA

GENERIC

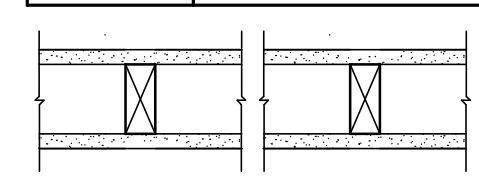
1-HOUR FIRE

GYP SUM WALLBOARD, WOOD STUDS

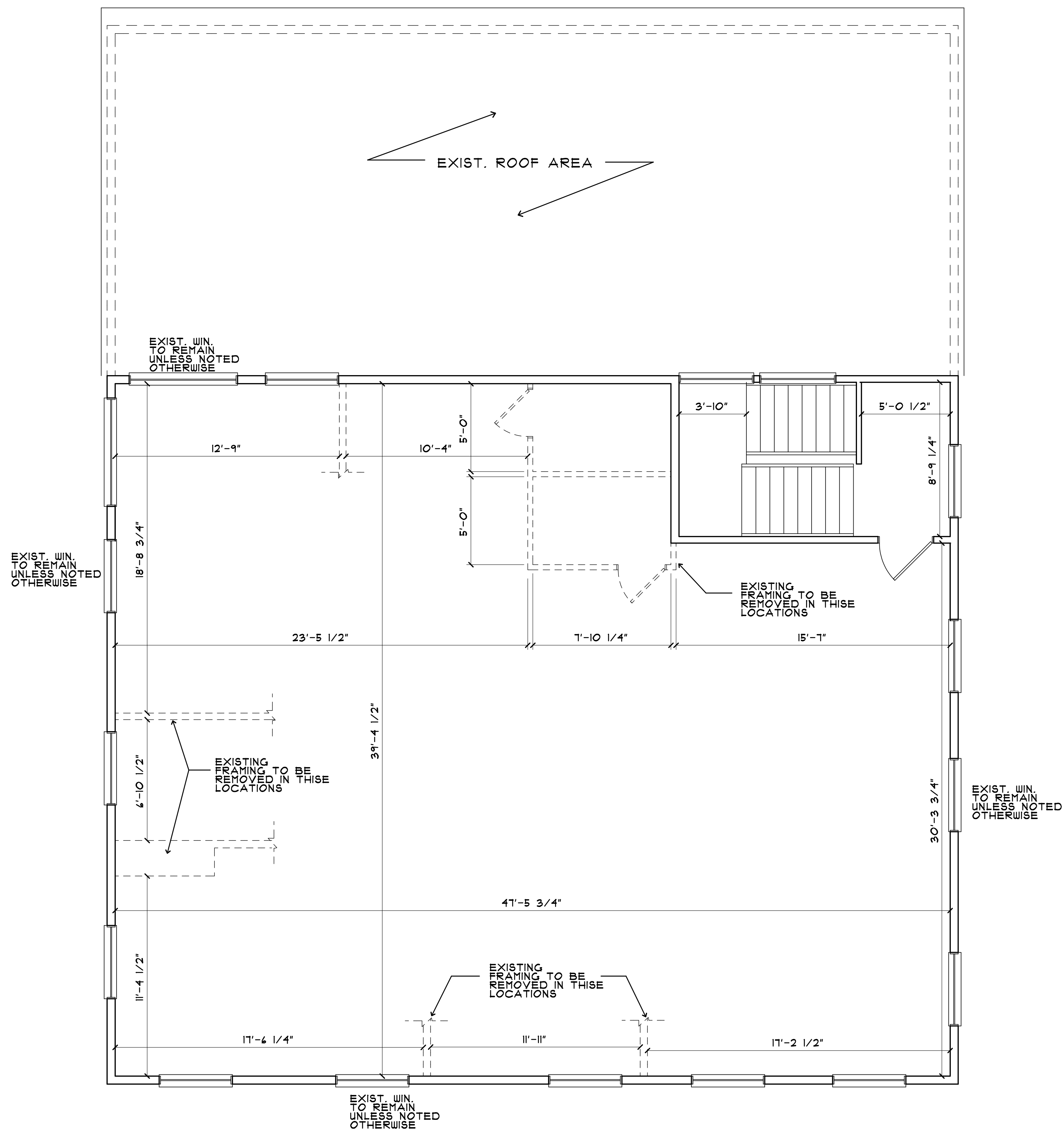
FIRE DESIGN:

One layer 5/8" type 'x' gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 2x4 wood studs 16" O.C. with 1 1/4" Type W drywall screws. @12" o.c.

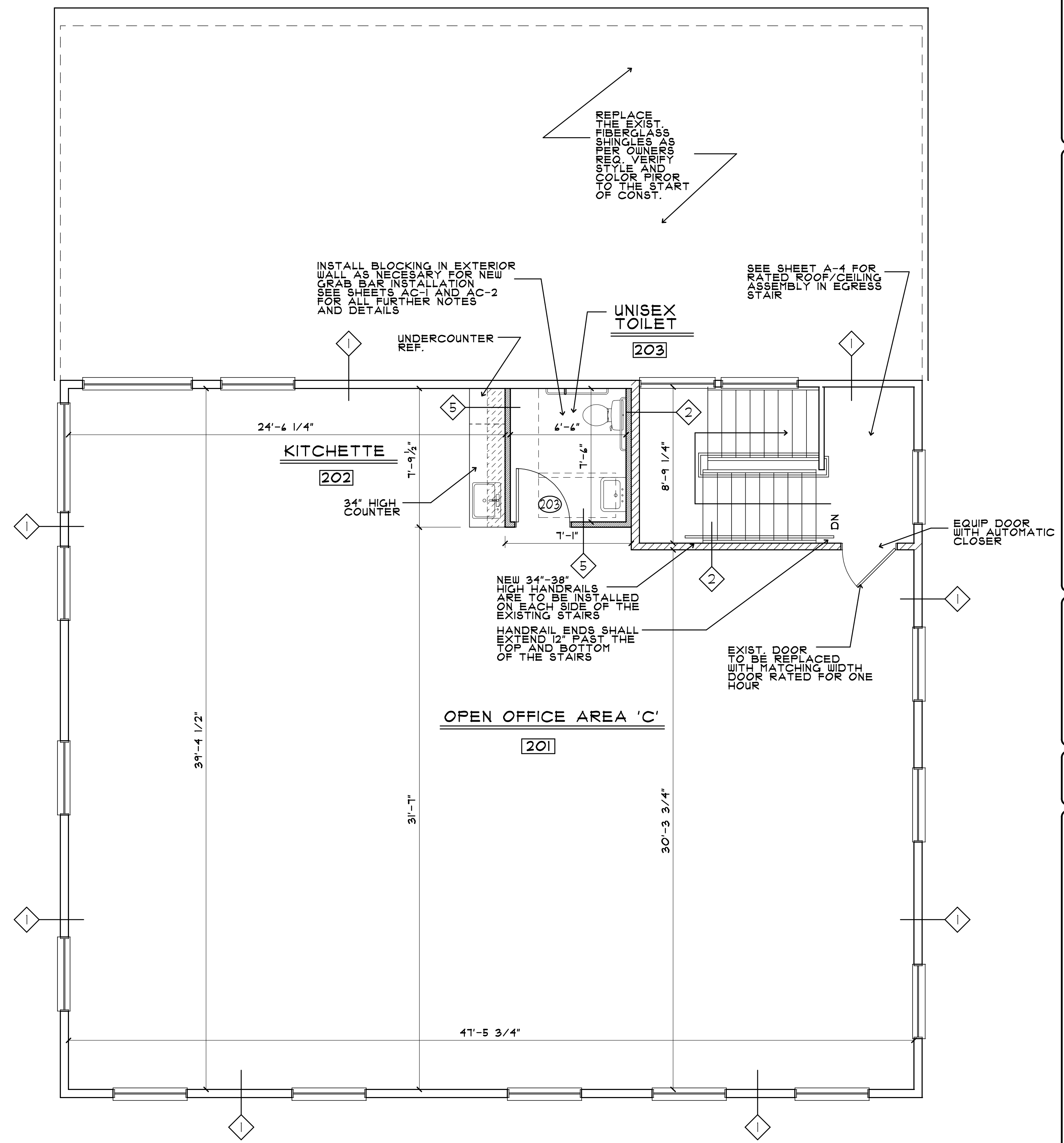
Joints Staggered 16" on opposite sides. (LOAD-BEARING)



Thickness: 4 7/8" (Fire)
Approx. Weight: 7 psf (Fire)
Fire Test: SWRI 07-4511-619[1], 3-94



SCALE: 1/4"=1'-0" (SHOWN WITH DEMOLITION)



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

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CAD FILE # 22-165

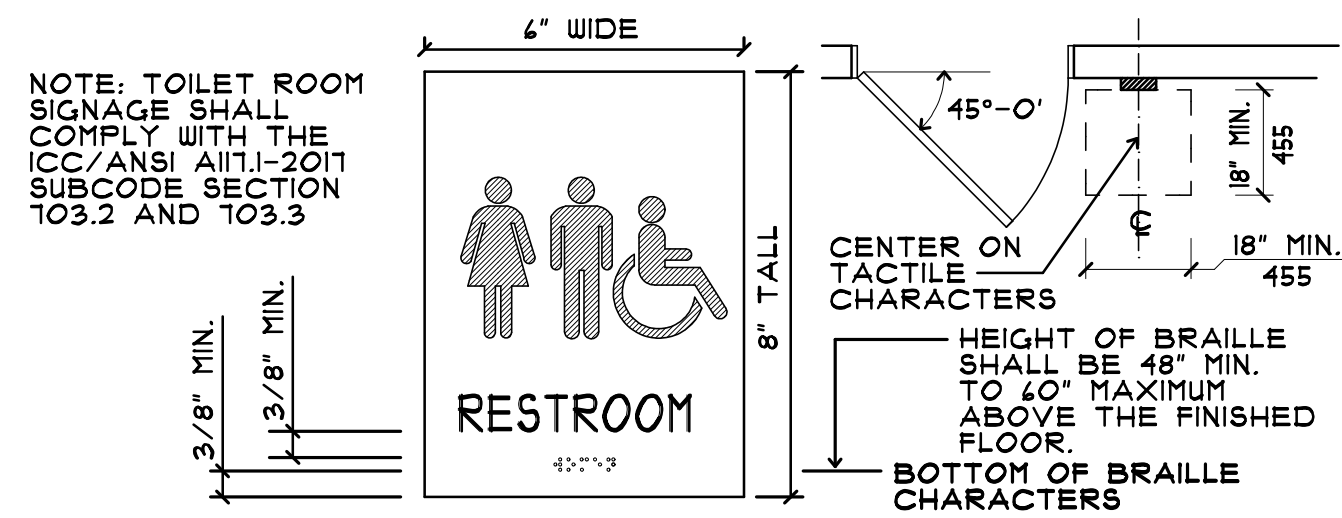
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A-3 of 5

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[illegible][illegible]

SCALE: NO SCALE



NO SCALE

#4 DOWELS —
@24" O.C. MIN.
4" EMBEDMENT

BUILDER IS TO CUT OUT
24" WIDE PIT TO ALLOW
FOR THE INSTALLATION OF
NEW DRAIN LINE

SLAB IN-FILL DETAIL

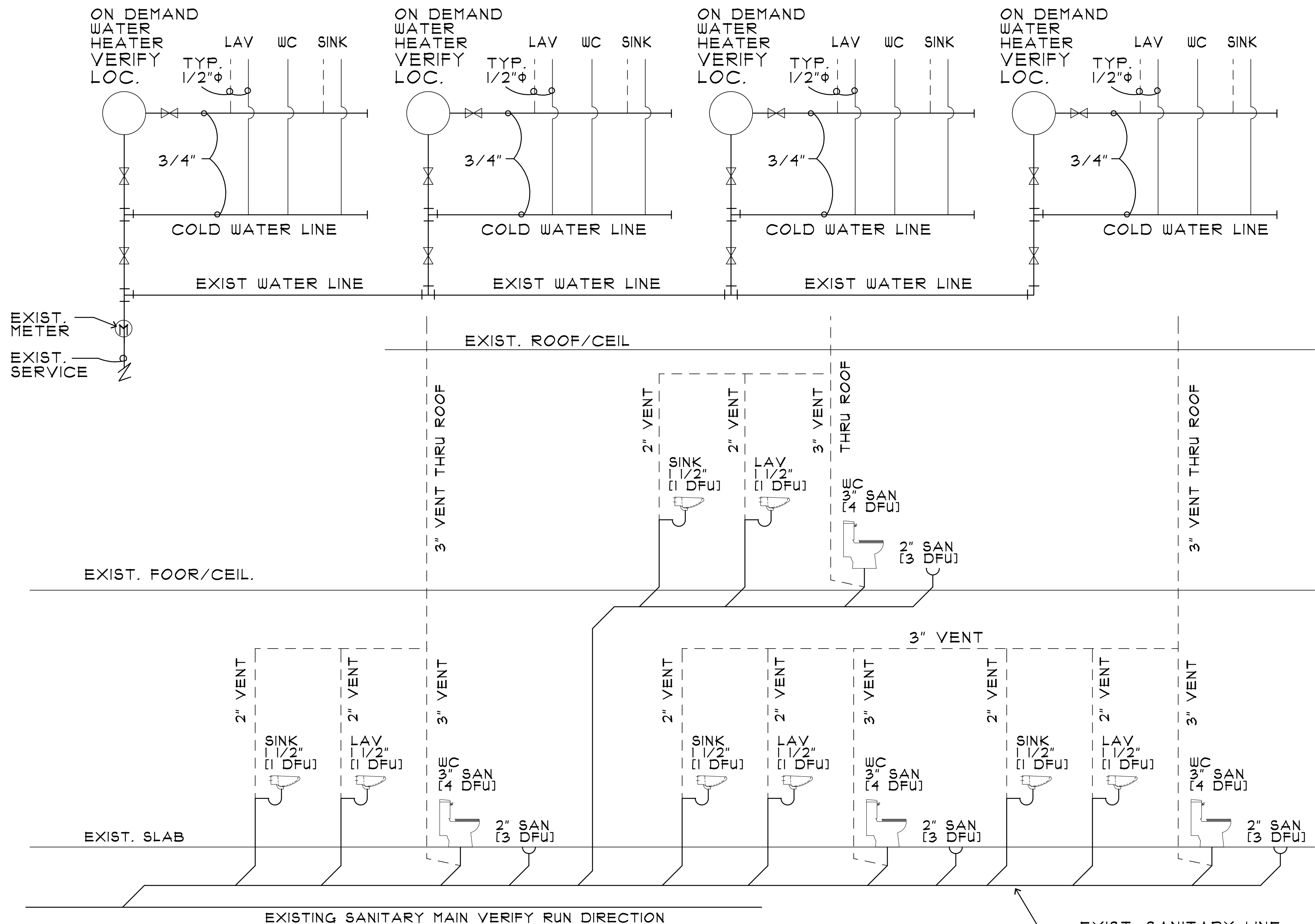
NO SCALE



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



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



NO SCALE

EXIST. SANITARY LINE
- VERIFY SIZE PRIOR TO
CONST. MIN. 4"φ

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DATE 3-1-25

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A-4 of 5

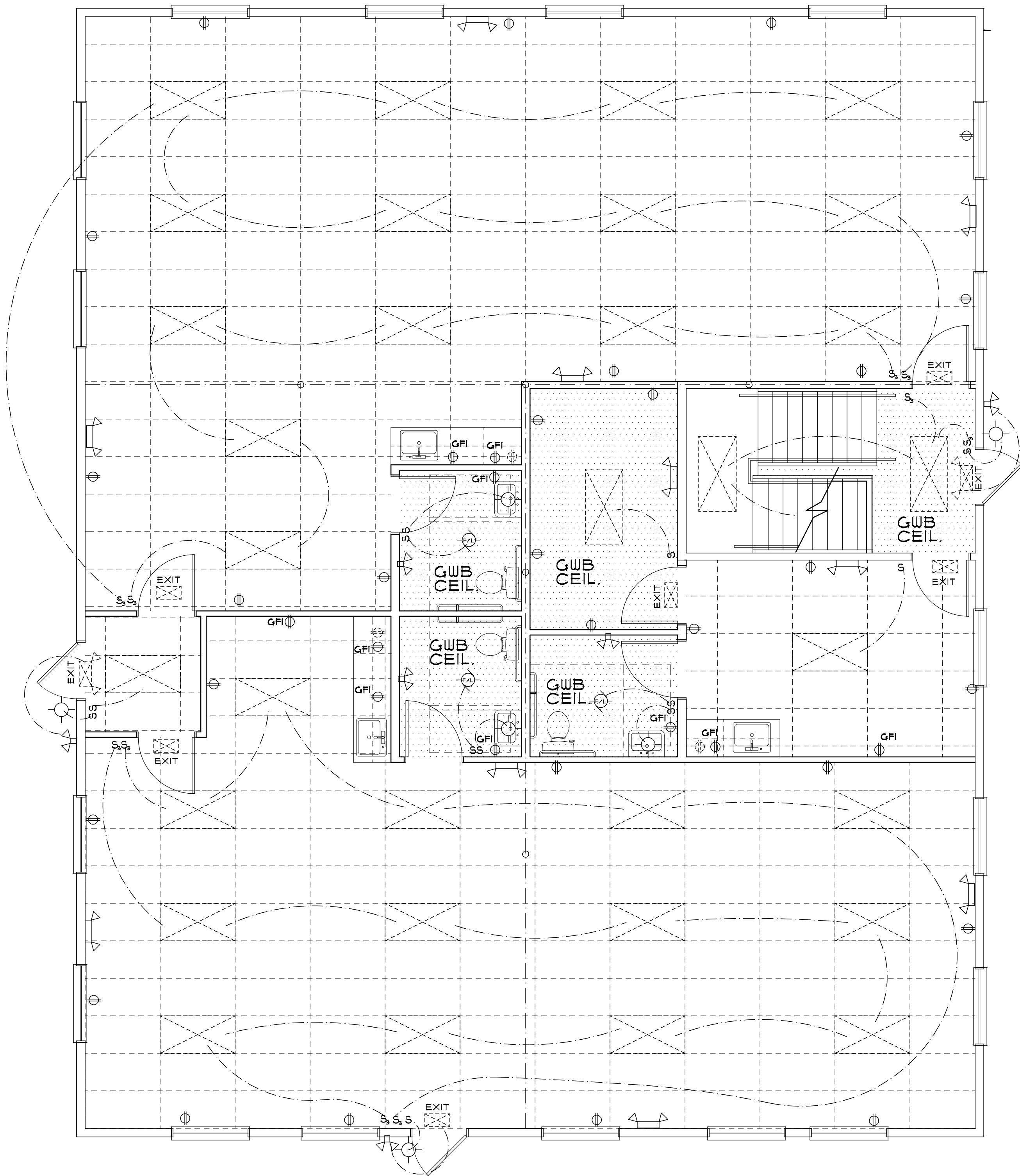
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ELECTRICAL LEGEND

	SINGLE POLE SWITCH		REMOTE EMERGENCY LIGHT HEAD		EMERGENCY LIGHT w/ BATTERY PACK
	THREE WAY SWITCH		PULL CHAIN LAMP HOLDER		EXIT LIGHT
	SINGLE POLE SWITCH WITH OCCUPANCY SENSOR		FLUSH MOUNTED LED LIGHT		4'x2' DIMMABLE LED LIGHT FIXTURE
	DUPLEX RECEPTICAL		FLUSH MOUNTED LED LIGHT DIMMABLE		2'x2' DIMMABLE LED LIGHT FIXTURE
	SURFACE MOUNTED PENDANT LIGHT FIXTURE		LIGHT FIXTURE/EXHAUST FAN COMBO		
	LIGHT FIXTURE-WALL MOUNTED		EXHAUST FAN MOTOR		
	LIGHT FIXTURE-CEILING MOUNTED				

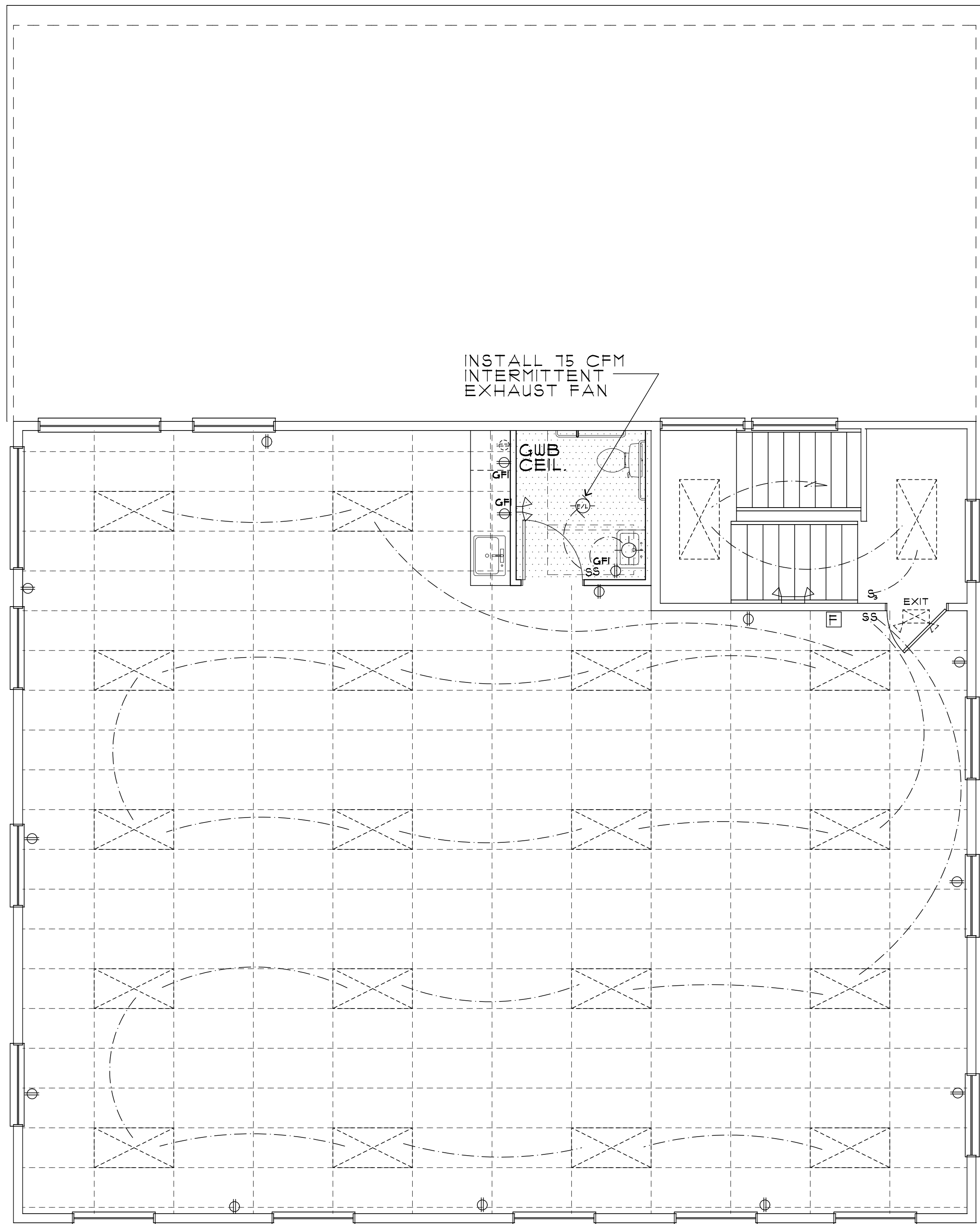
EQUIPMENT LEGEND

	HORN/SROBE ALARM		STROBE ONLY ALARM		FIRE EXTINGUISHER
--	------------------	--	-------------------	--	-------------------



ALTERED GROUND FLOOR ELEC.

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



ALTERED UPPER FLOOR ELEC.

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

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NJ HOMES

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DRAWING NO.
A-5 of 5

ACCESSIBLE GENERAL NOTES AS PER THE ICC/ANSI A117.1-2017 SUBCODE (rehab)

302 Floor or Ground Surfaces

302.1 General

Floor or ground surfaces shall be stable firm and slip resistant, and shall apply with Section 302. Changes in floor or ground surfaces shall comply with Section 303.

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" (13mm) Max. Exposed edges of carpet shall be fastened to floor or ground surfaces and shall have trim along the entire length of the exposed edge. Carpet edge trim shall comply with section 303.

303 Changes In Level

303.2 Vertical

Changes in level of 1/4" (6mm) high maximum shall be permitted to be vertical.

303.3 Beveled

Changes in level of 1/4" (6mm) high minimum and 1/2" (13mm) maximum shall be beveled with a slope not steeper than 1:2.

303.3 Ramped

Changes in level greater than 1/2" (13mm) shall be ramped and shall comply with Section 405 or 406.

304 Turning Spaces

304.2 Floor or Ground Surfaces

Floor or ground surfaces of a wheelchair turning space shall have a slope not steeper than 1:48 and shall comply with section 302.

304.3 Size

Wheelchair turning space shall comply with Section 304.3.1 or 304.3.2

304.3.1 Circular Space

The turning space shall be a circular space with a 60 inch (1525mm) minimum diameter. the turning space shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2 T-Shaped Space

The turning space shall be a T-shaped space within a 60 inch (1525mm) minimum square with arms and base 36 inches (915mm) minimum in width. Each arm of the T shall be clear of obstructions 12 inches (610mm) minimum in each direction and the base shall be clear of obstructions 24 inches (1220mm) minimum. The turning space shall be permitted to include knee and toe clearance complying with Section 306 only at the end of either the base or one arm.

304.4 Door Swing

Unless otherwise specified, doors shall be permitted to swing into turning spaces.

305 Clear Floor Space

305.3 Size

The clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) in width

305.4 Knee and Toe Clearance

Unless otherwise specified, clear floor space shall be permitted to include knee and toe clearance complying with Section 306.

305.5 Position

Unless otherwise specified, the clear floor space shall be positioned for either forward or parallel approach to an element.

306 Knee and Toe Clearance

306.2 Toe Clearance

306.2.1 General

Space beneath an element between the floor and 9 inches (230mm) above the floor shall be considered toe clearance and shall comply with Section 306.2

306.2.2 Maximum Depth

Toe clearance shall be permitted to extend 25 inches (635mm) maximum under an element.

306.2.3 Minimum Depth

Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430mm) minimum beneath the element.

306.2.5 Width

Toe clearance shall be 30 inches (760mm) minimum in width

306.3 Knee Clearance

306.3.1 General

Space under an element between 9 inches (230mm) and 27 inches (685mm) above the floor shall be considered knee clearance and shall comply with Section 306.3

306.3.2 Maximum Depth

Knee clearance shall be permitted to extend 25 inches (635mm) maximum under an element at 9 inches (230mm) above the floor.

306.3.3 Minimum Depth

Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches (280mm) minimum in depth at 9 inches (230mm) above the floor, and 8 inches (205 mm) minimum depth at 27 inches above the floor.

306.3.5 Width

Knee clearance shall be 30 inches (760mm) minimum in width.

308 Reach Ranges

308.1 General

Reach ranges shall comply with Section 308

308.2 Forward Reach

308.2.1 Unobstructed

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220mm) maximum and the low forward reach shall be 15 inches (380mm) minimum above the floor.

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 inches (1220mm) maximum. Where the reach depth is 20 inches (510mm) maximum, where the reach depth exceeds 20 inches (510mm), the high forward reach shall be 44 inches (1120mm) maximum and the reach depth shall be 25 inches (635mm) maximum.

308.3 Side Reach

308.3.1 Unobstructed

Where a clear floor space complying with Section 306 allows a parallel approach to an element and the edge of the clear floor space is 10 inches (255mm) maximum from the element, the high side reach shall be 48" (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the floor.

Exception: Existing elements shall be permitted at 54 inches (1370 mm) maximum above the floor

308.3.2 Obstructed High Reach

Where a clear floor space complying with Section 305 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 (865mm) maximum above the floor and the depth of the obstruction shall be 24 inches (610mm) maximum. The high side reach shall be 48 inches (1220mm) maximum above the floor for a reach depth of 10 inches (255mm) maximum. Where the reach depth exceeds 10 inches (255mm), the high side reach shall be 46 inches (1170mm) maximum for a reach depth of 24 inches (610mm) maximum.

Exception: At washing machines and clothes dryers the height of the obstruction shall be 36 inches (915 mm) maximum above the floor

309 Operable Parts (ie: Light Switches)

309.1 Operable Parts

Operable parts required to be accessible shall comply with Section 309.

309.3 Height

Operable parts shall be placed within one or more of the reach ranges specified in Section 308.

404 Doors and Doorways

404.1 General

Doors and doorways that are part of an accessible route shall comply with Section 404.

404.2.2 Clear Width

Doorways shall have a clear opening width of 32 inches (815mm) minimum. Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. Openings more than 24 inches (610mm) in depth shall provide a clear opening of 36 inches (915mm) minimum. There shall be no projections into the clear opening width lower than 34 inches (865mm) above the floor. Projections into the minimum clear opening width between 34 inches (865mm) and 80 inches (2020mm) above the floor shall not exceed 4 inches (102mm).

505 Handrails

505.1 General

Handrails required by Section 405.8 for ramps, or Section 504.6 for stairs, shall comply with Section 505.

505.2 Location

Handrail shall be provided on both sides of stairs and ramps.

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 or ramps shall be continuous between flights or runs. Other handrails shall comply with Section 505.10 and 307.

505.4 Height

Top of gripping surfaces of handrails shall be 34 inches (865mm) minimum and 38 inches (965mm) maximum vertically above stair nosings and ramp and walking surfaces. Handrails shall be at a consistent height above stair nosings and ramp and walking surfaces.

505.5 Clearance

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

505.7 Cross Section

505.7.1 Circular Cross Section

Handrails shall have a circular cross section shall have an outside diameter of 1 1/4 inch (32mm) minimum and 2 inches (51mm) maximum.

505.7.2 Non-Circular Cross Section

Handrails with a non-circular cross section shall have a perimeter dimension of 4 inches (100mm) minimum and 6 1/4 inches (160mm) maximum, and a cross-section dimension of 2 1/4 inches (57mm) maximum.

505.8 Surfaces

Handrails and any wall or other surfaces adjacent to them, shall be free of any sharp or abrasive elements. Edges shall be rounded.

505.10 Handrail Extensions

Handrail shall extend beyond and in the same direction of stair flights and ramp runs in accordance with Section 505.10.

Exception

1. Continuous handrails at the inside turn of stairs and ramps

505.10.2 Top Extensions at Stairs

At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305mm) minimum beginning directly above the landing nosing. Extensions shall return to a wall guard, or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.

505.10.2 Bottom Extensions at Stairs

At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the bottom tread nosing. Extensions shall return to a wall, guard, landing surface or shall be continuous to the handrail of an adjacent stair flight.

601 General

601.1 Scope

Plumbing elements and facilities requires to be accessible by scoping provisions shall adopted by the administrative authority shall comply with the applicable provisions of Chapter 6.

603 Toilet and Bathing Rooms

603.1 General

Accessible toilet and bathing rooms shall comply with Section 603.

603.2 Clearances

603.2.1 Turning Space

A turning space complying with Section 304 shall be provided within the room.

603.2.2 Overlap

Clear floor spaces, clearances at fixtures, and turning spaces shall be permitted to overlap.

603.2.3 Door swing

Doors shall not swing into the clear floor space or clearance for any fixture.

Exception:

1. Doors to a toilet and 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, provided the swing of the door can be reversed to meet Section 603.2.3

2. Where the room is for individual use and a clear floor space complying with Section 305.3 is provided within the room beyond the arc of the door swing.

604 Water Closets and Toilet Compartments

604.1 General

Accessible water closets and toilet compartments shall comply with Section 604. Compartments containing more than one plumbing fixture shall comply with Section 603. Wheelchair accessible compartments shall comply with Section 604.8

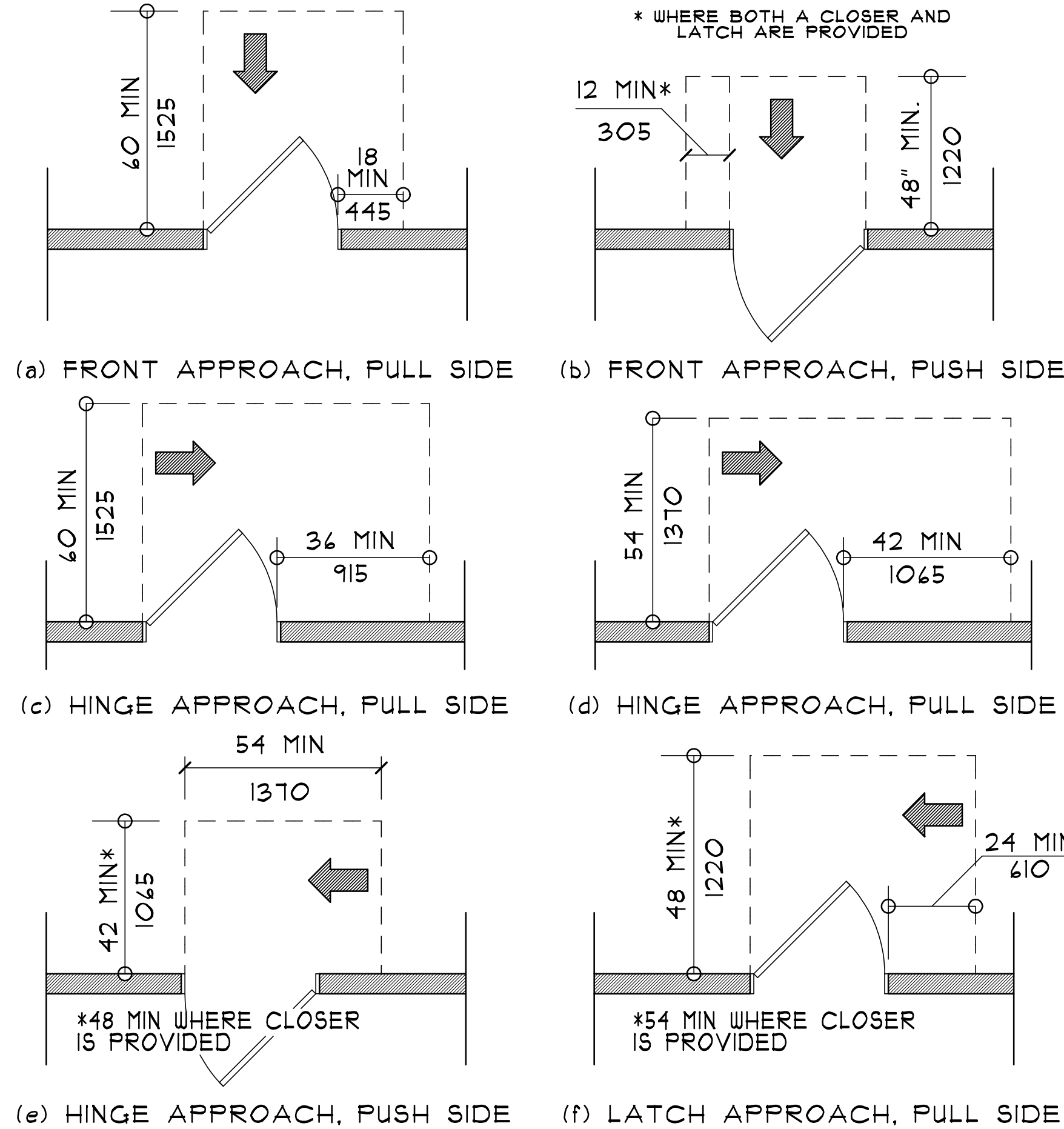


Fig. 404.2.3.2
MANEUVERING CLEARANCE AT
MANUAL SWINGING DOORS

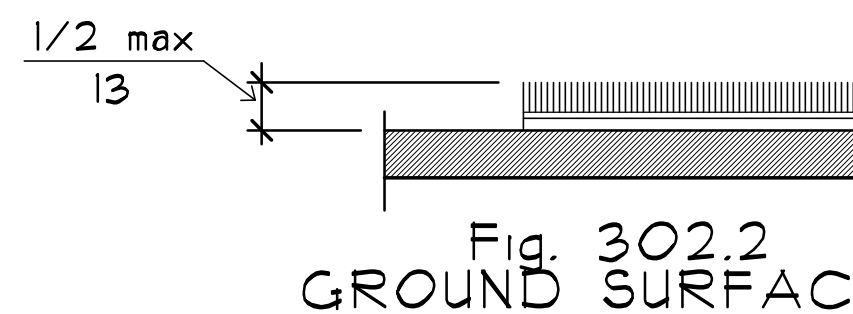


Fig. 302.2
GROUND SURFACES

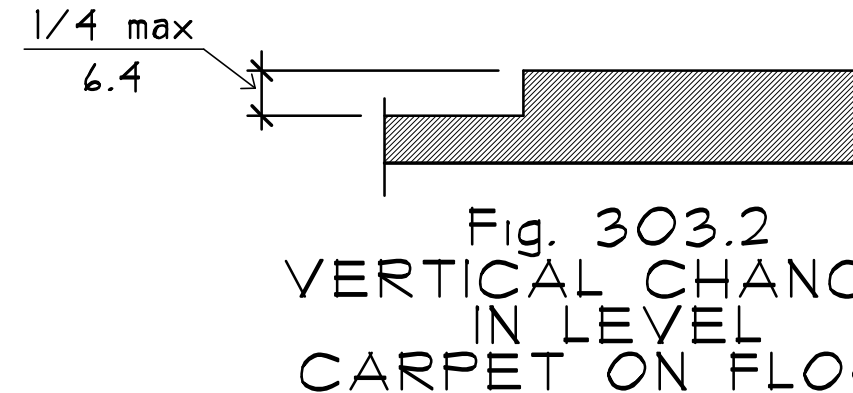


Fig. 303.2
VERTICAL CHANGES
IN LEVEL
CARPET ON FLOOR

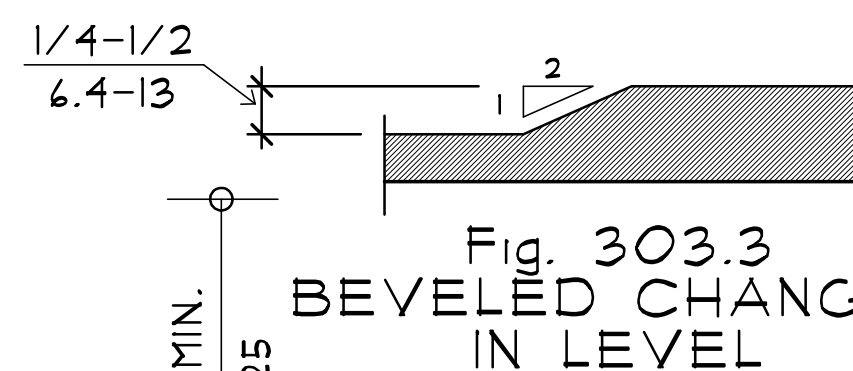


Fig. 303.3
BEVELED CHANGES
IN LEVEL

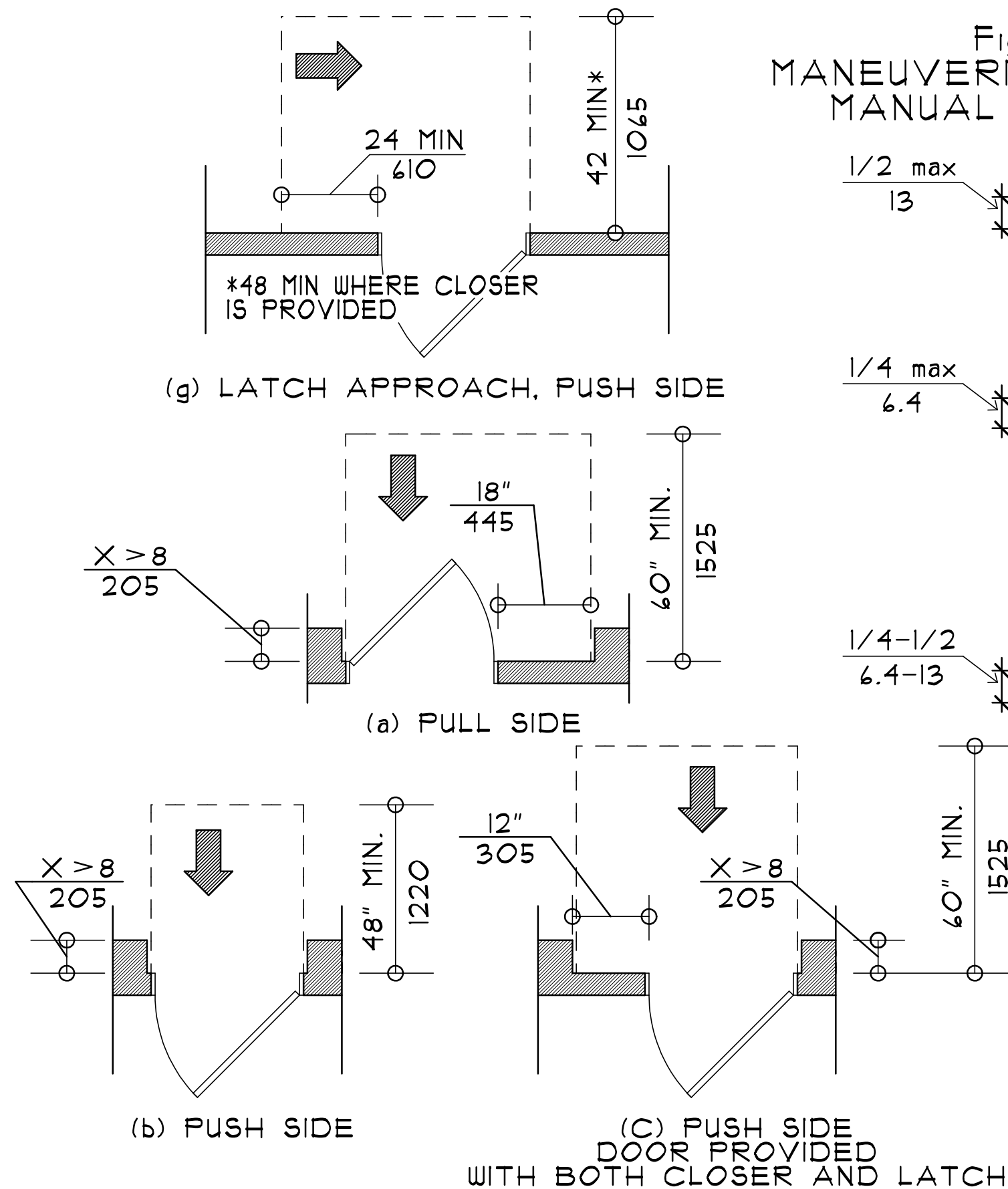


Fig. 404.2.3.5
MANEUVERING CLEARANCE AT
RECESSED DOORS

NOTE: THE FOLLOWING NOTES ARE TAKEN FROM THE ICC/ANSI SUBCODE AND AS SUCH THE ARCHITECT RECOMMENDS THAT THE BUILDER AND ALL PARTIES INVOLVED WITH THE CONSTRUCTION OF THE PROJECT FAMILIARIZE THEMSELVES WITH THE ICC/ANSI SUBCODE IN ITS ENTIRETY

SIT-REV: DATE:

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BISHOP
& SMITH
REGISTERED ARCHITECTS

SIGNATURE

PROJECT REHAB COMMERCIAL

ICC ANSI A117.1-2017
ACCESSIBLE NOTES
AND DETAILS

CAD FILE # AC-1

DATE 3-8-23

DRAWING NO.

AC-1

ACCESSIBLE GENERAL NOTES AS PER THE ICC/ANSI A117.1-2017 SUBCODE (rehab)

604.2 Location

The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405mm) minimum to 18 inches (455mm) maximum from the side wall or partition.

604.3 Clearance

604.3.1 Size

A Clearance around a water closet shall be 60 inches (1220mm) minimum, measured perpendicular from the side wall, and 56 inches (1420mm) minimum, measured perpendicular from the rear wall, shall be provided

604.3.2 Overlap

The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, paper dispensers, sanitary napkin receptacles, coat hooks, shelves, accessible routes, clear floor space at other fixtures and the turning space. No other fixtures or obstructions shall be within the required water closet clearance.

604.4 Height

The height of the Water closet seats shall be 17 inches (430mm) minimum and 19 inches (485mm) maximum above the floor. Seats shall not be sprung to return to a lifted position.

604.5 Grab Bars

Grab bars for water closets shall comply with Section 609, and shall be provided in accordance with Section 604.5.1 and Section 604.5.2. Grab bars shall be provided on the rear wall and on the side wall closest to the water closet.

604.5.1 Fixed Side Wall Grab Bars

Fixed side wall grab bars shall be 42 inches (1065 mm) minimum in length, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) from the rear wall. In addition a vertical grab bar 18 inches (455 mm) minimum in length shall be mounted with the bottom of the bar located between 39 inches (990 mm) and 41 inches (1040 mm) above the floor with the center line of the bar located between 39 inches (990 mm) and 41 inches (1040 mm) from the rear wall.

604.5.2 Rear Wall

The rear wall grab bar shall be 36 inches (915mm) minimum in length, and extend from the centerline of the water closet 12 inches (305 mm) minimum on the side closest to the wall, and 24 inches (610 mm) minimum on the transfer side.

606 Lavatories and Sinks

606.1 General

Accessible lavatories and sinks shall comply with Section 606.

606.2 Clear Floor Space

A clear floor space complying with Section 305.3, positioned for forward approach shall be provided. Knee and Toe clearance complying with Section 306 shall be provided.

Exceptions:

- 1) A parallel approach complying with Section 305 shall be permitted to a kitchen sink in a space where a cook top is not provided.
- 5) The requirement for Knee and Toe clearances shall not apply to more than one bowl of a multibowl sink.
- 6) A parallel approach shall be permitted at wet bars.

606.3 Height

The front of lavatories and sinks shall be 34 inches (865mm) maximum above the floor, measured to the higher of the rim or counter.

609 Grab Bars

609.1 General

Grab bars in accessible toilet or bathing facilities shall comply with Section 609

609.2 Cross Section

Grab bars shall have a cross section complying with Sections 609.2.1 or 609.2.2.

609.2.1 Circular Cross Sections

Grab bars with a circular cross section of shall have an outside diameter of 1 1/4" (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 Non-Circular Cross Section

Grab bars with a noncircular cross section shall have a cross section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (102 mm) minimum and 4.8 inches (122 mm) maximum.

609.3 Spacing

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

Exception:

The space between the grab bars and shower controls, shower fittings, and other grab bars shall be 1 1/2 inches (38mm) minimum.

609.4 Position of Grab Bars

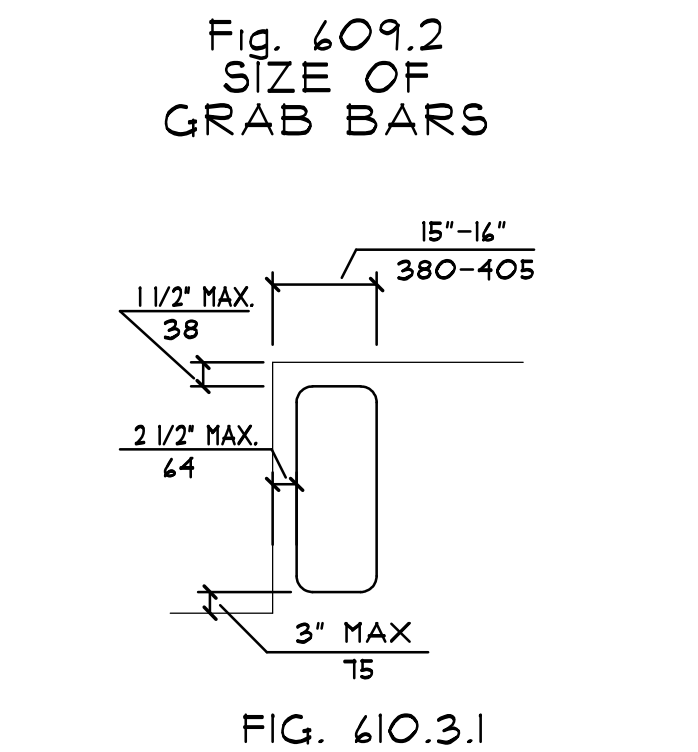
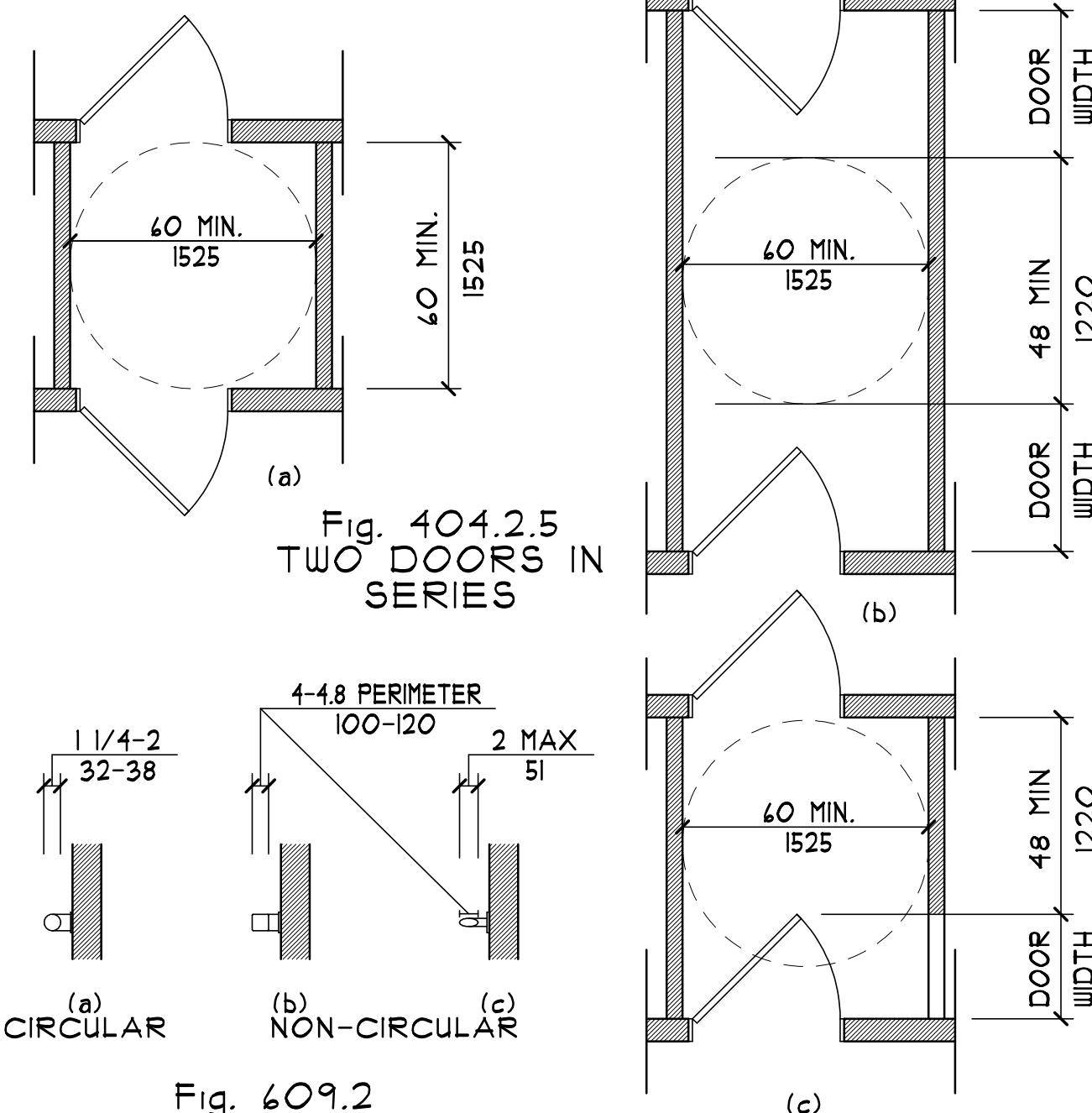
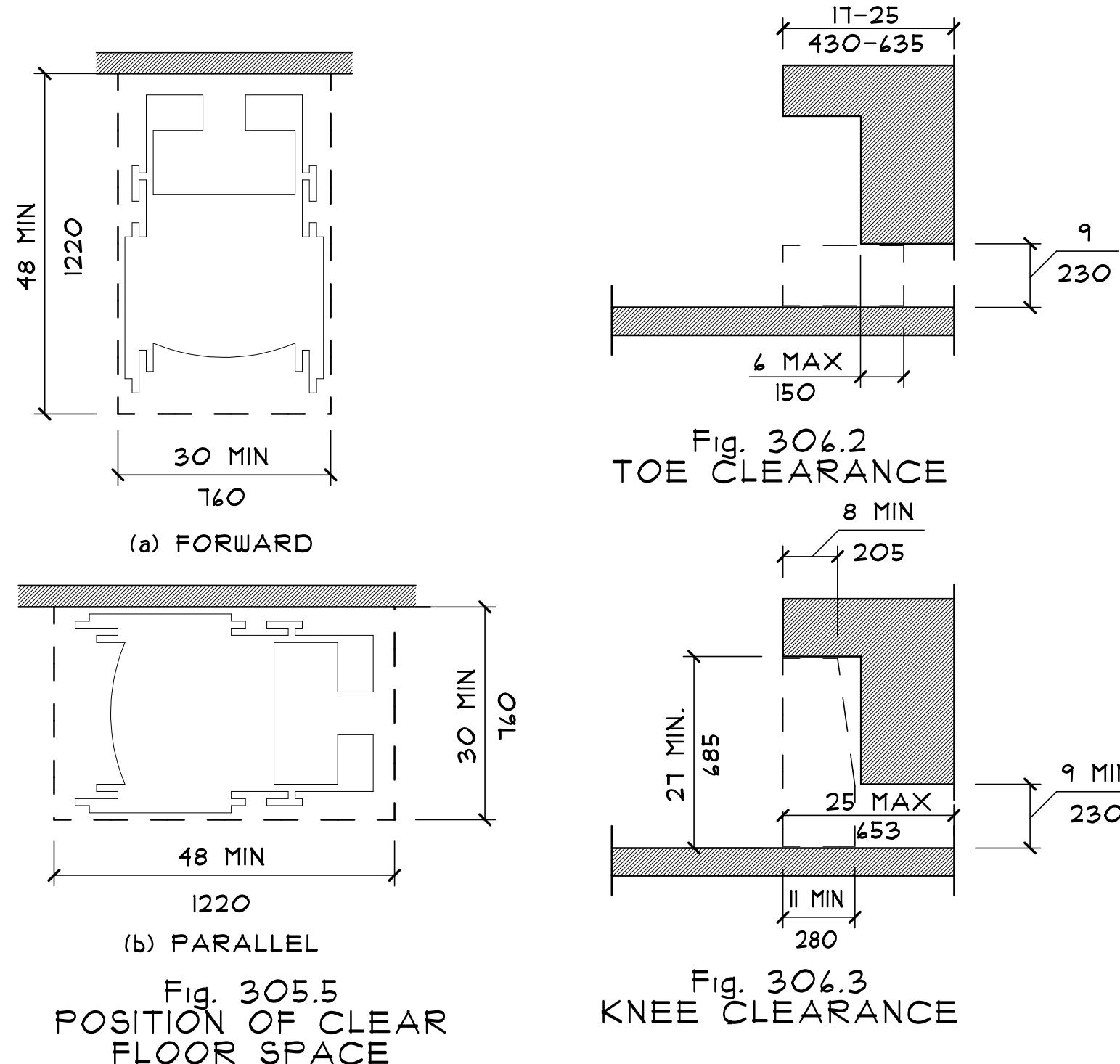
Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the floor surface. At water closets primarily for childrens use complying with Section 604.10, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum to 27 inches (685 mm) maximum above the floor measured to the top of the gripping surface.

609.7 Installation

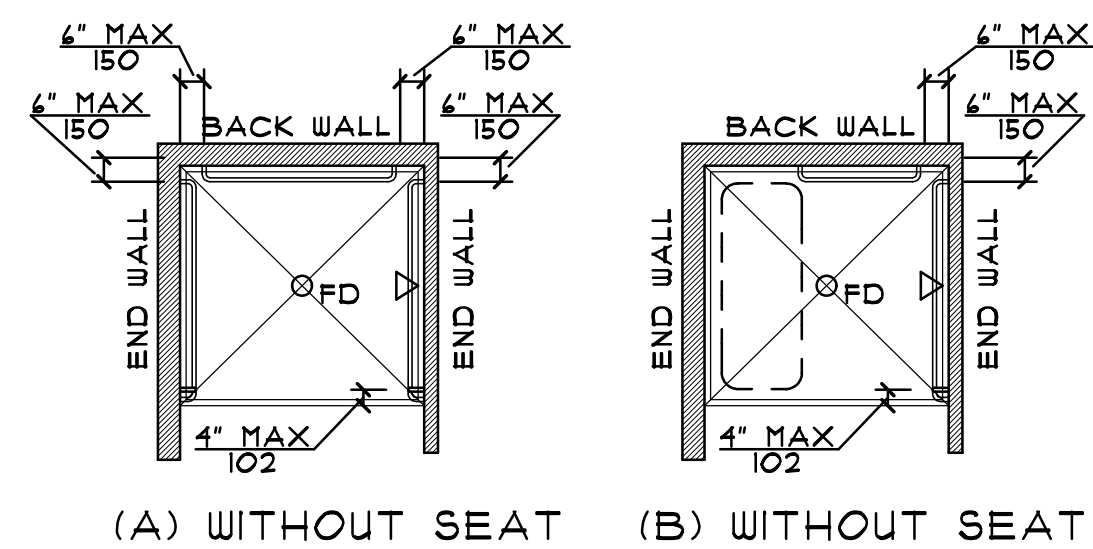
Grab bars shall be installed in any manner that provides a gripping surface at the locations specified in the standard and that does not obstruct the clear floor space.

609.8 Structural Strength

Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 lb (1112N) is applied at any point on the grab bar, fastener mounting device or supporting device.



RECTANGULAR SHOWER COMPARTMENT SEAT



GRAB BARS IN STANDARD ROLL-IN-TYPE SHOWERS

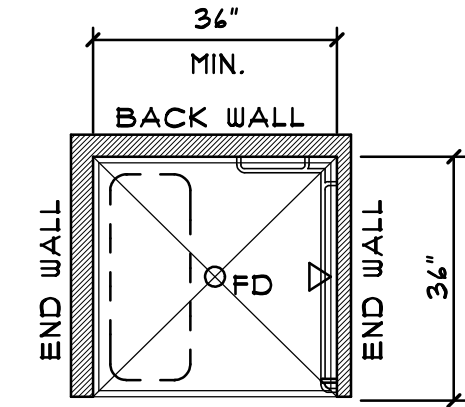


Fig. 408.2.1 TRANSFER-TYPE SHOWER COMPARTMENTS

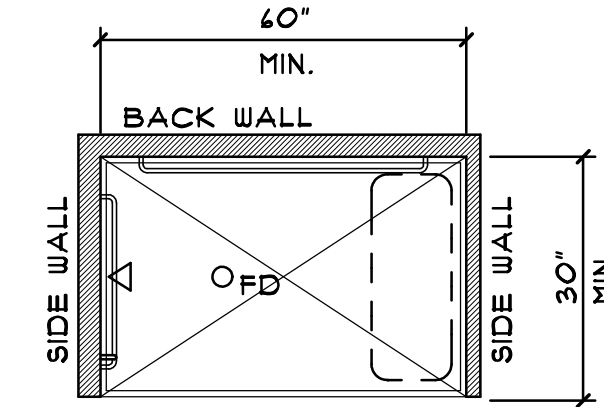
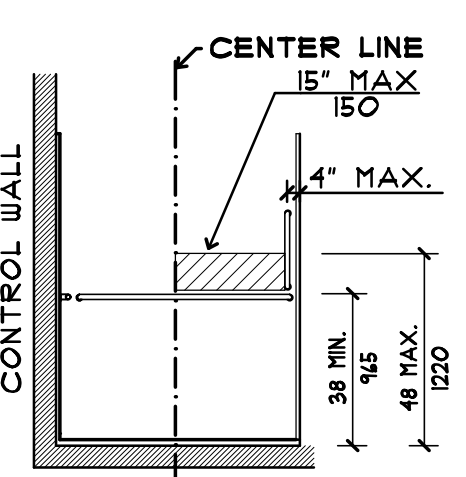


Fig. 408.2.2 STANDARD ROLL-IN-TYPE SHOWER COMPARTMENTS



TRANSFER-TYPE SHOWER CONTROL AND HANDSHOWERS LOC.

Fig. 505.5 HANDRAIL CLEARANCE

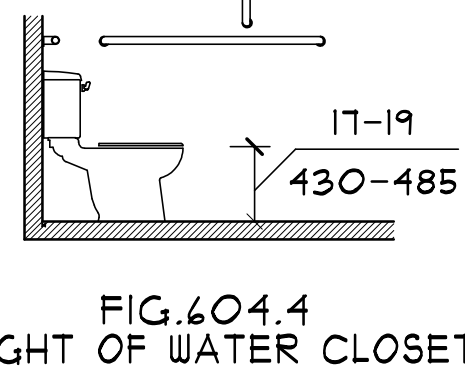


Fig. 604.4 HEIGHT OF WATER CLOSET

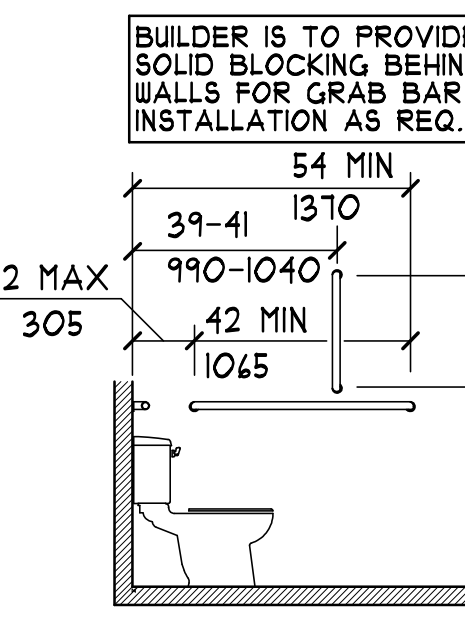


Fig. 604.5.1 SIDE WALL GRAB BAR FOR WATER CLOSET

Fig. 505.7 HANDRAIL CROSS SECTION

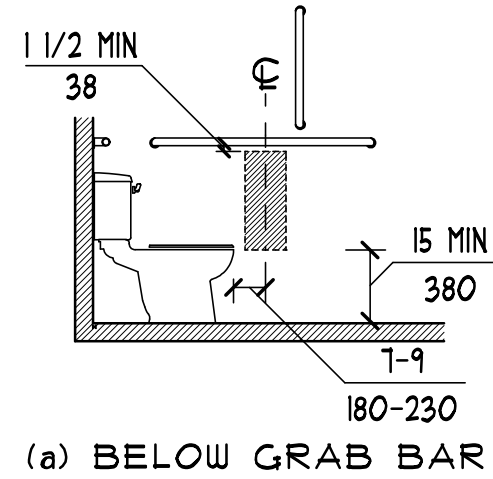


Fig. 604.1 DISPENSER LOCATION

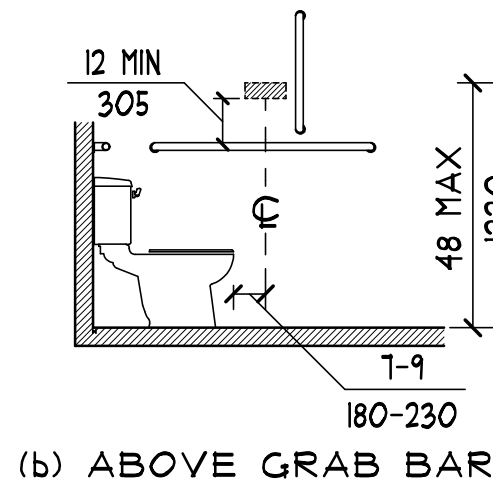


Fig. 604.1 DISPENSER LOCATION

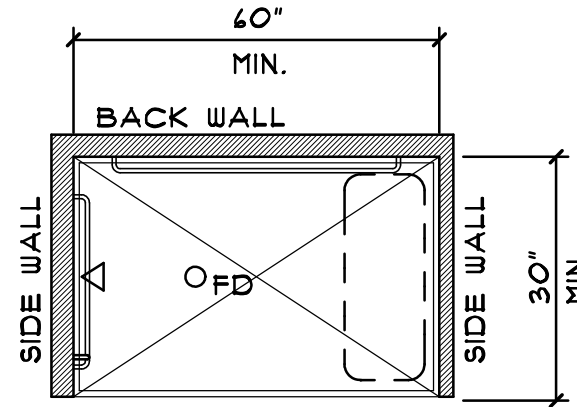
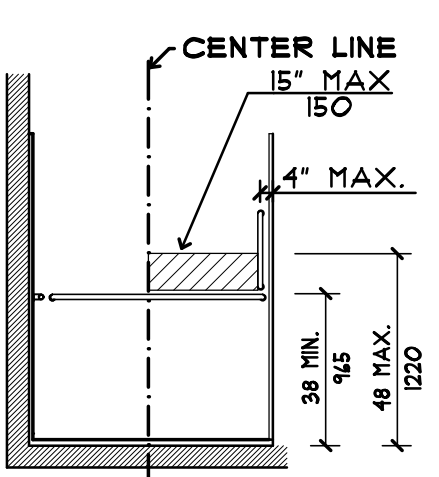


Fig. 604.1 DISPENSER LOCATION



TRANSFER-TYPE SHOWER CONTROL AND HANDSHOWERS LOC.

Fig. 505.4 HANDRAIL HEIGHT

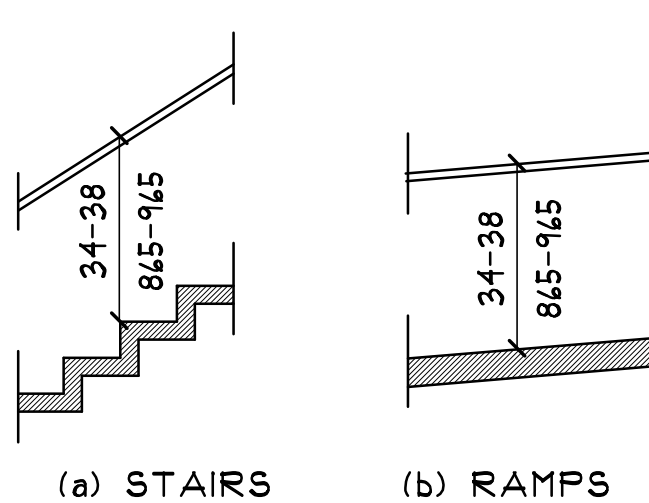


Fig. 505.5 HANDRAIL CLEARANCE

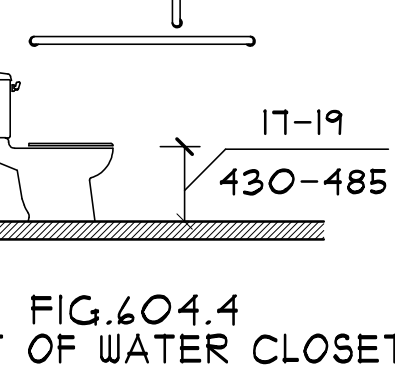


Fig. 604.4 HEIGHT OF WATER CLOSET

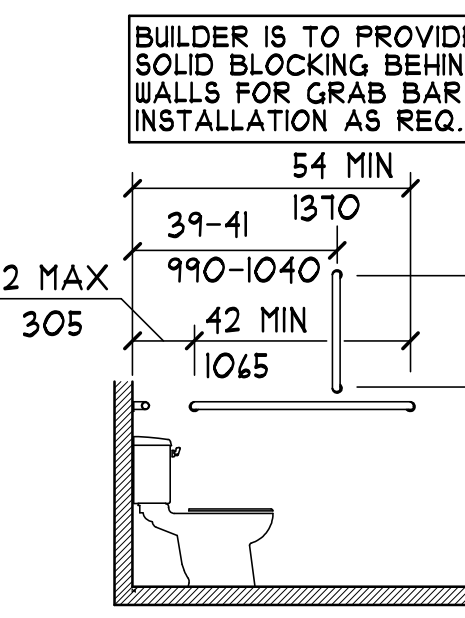


Fig. 604.5.1 SIDE WALL GRAB BAR FOR WATER CLOSET

Fig. 408.2.1 TRANSFER-TYPE SHOWER COMPARTMENTS

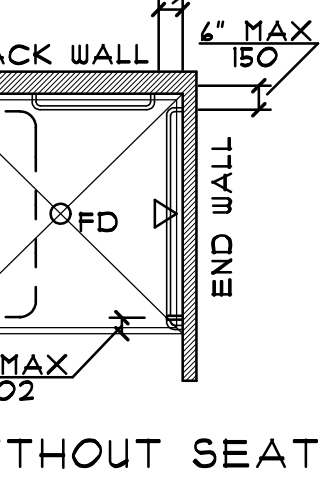


Fig. 408.2.1 TRANSFER-TYPE SHOWER COMPARTMENTS

Fig. 505.10.2 TOP HANDRAIL EXTENSION AT STAIRS

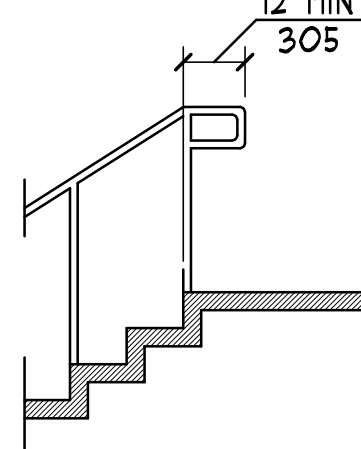


Fig. 505.7 HANDRAIL CROSS SECTION

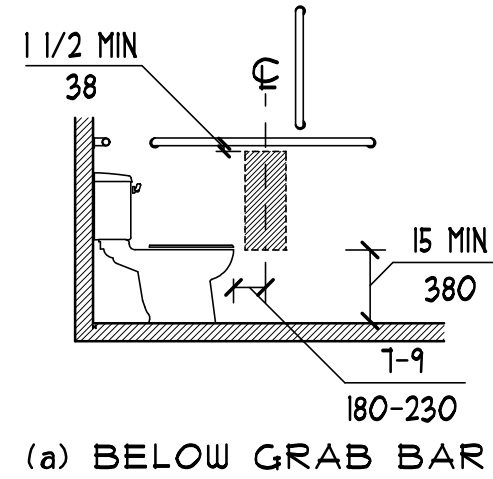


Fig. 604.1 DISPENSER LOCATION

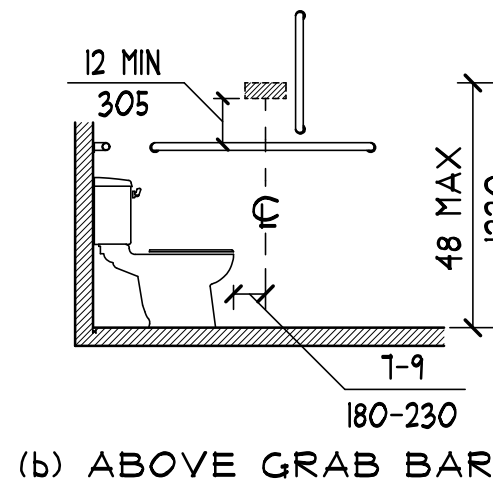


Fig. 604.1 DISPENSER LOCATION

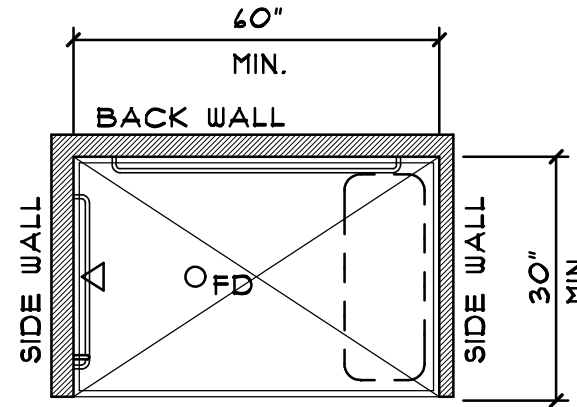
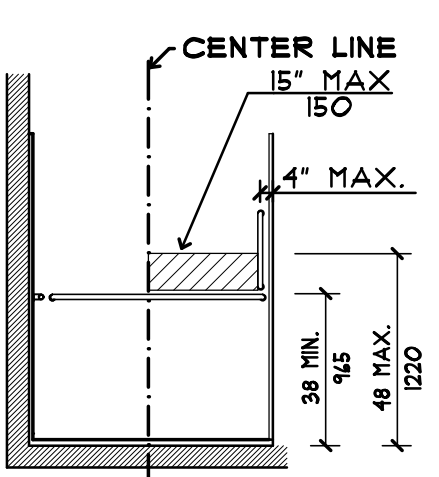


Fig. 604.1 DISPENSER LOCATION



TRANSFER-TYPE SHOWER CONTROL AND HANDSHOWERS LOC.

Fig. 505.10.3 BOTTOM HANDRAIL EXTENSION AT STAIRS

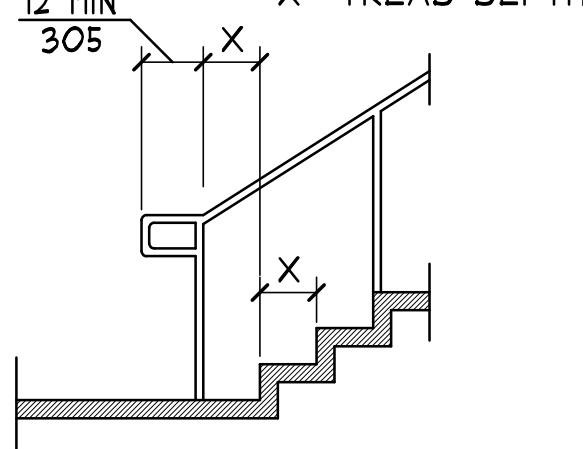


Fig. 604.2 WATER CLOSET

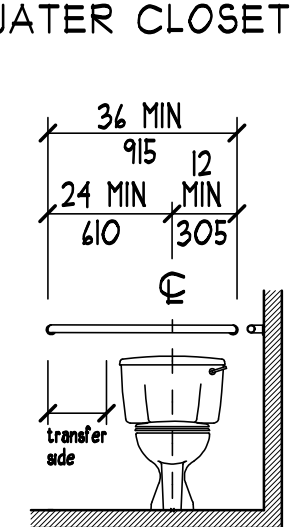


Fig. 604.2 WATER CLOSET

Fig. 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

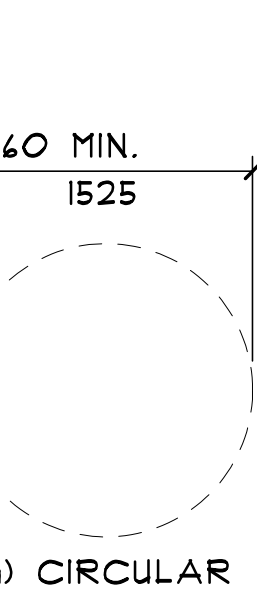


Fig. 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

Fig. 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

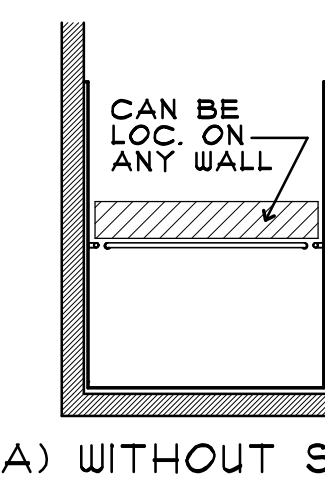


Fig. 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

STANDARD ROLL-IN-TYPE SHOWER CONTROL AND HANDSHOWER LOC.

STANDARD ROLL-IN-TYPE SHOWER CONTROL AND HANDSHOWER LOC.

STANDARD ROLL-IN-TYPE SHOWER CONTROL AND HANDSHOWER LOC.

STANDARD ROLL-IN-TYPE SHOWER CONTROL AND HANDSHOWER LOC.

SHI-REV

JACK S. SMITH RA

BISHOP & SMITH
REGISTERED ARCHITECTS

PROJECT REHAB COMMERCIAL

CAD FILE # AC-2

DATE 3-8-23

DRAWING NO.

AC-2

AC-2

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GENERAL NOTES

ABBREVIATIONS

ABV.- ABOVE	M.- MEN
A.B.- ANCHOR BOLT	MANUF. MFR. MFG.- MANUFACTURER
ACT.- ACOUSTICAL CEILING TILE	MATL.- MATERIAL
ADD'L- ADDITIONAL	MAX.- MAXIMUM
A.F.F.- ABOVE FINISHED FLOOR	MECH.- MECHANICAL
AL, ALUM.- ALUMINUM	MEZZ.- MEZZANINE
APPROX.- APPROXIMATE	MGR.- MANAGER
ASSOC.- ASSOCIATED	MIN.- MINIMUM
AUTO.- AUTOMATIC	M.O.- MASONRY OPENING
BLD'G.- BUILDING	M.R.- MOISTURE-RESISTANT
BLK'G.- BLOCKING	MTD.- MOUNTED
B.O.F.- BOTTOM OF FOOTING	MTL.- METAL
BOT' - BOTTOM OF	MET, MTL.- METAL
BOT. WC- BOTTLED WATERCOOLER	N.I.C.- NOT IN CONTRACT
B.P.- BASE PLATE	NO.- NUMBER
C.J.- CONTROL JOINT	NSF- NET SQUARE FOOTAGE
C.T.- CERAMIC TILE	N.T.S.- NOT TO SCALE
CANT.- CANTILEVER	O.C.- ON CENTER
CER.- CERAMIC	O.D.- OUTSIDE DIAMETER
CLG.- CEILING	OH- OVERHEAD
CLR.- CLEAR	O.H.D.- OVERHEAD DOOR
C.M.U.- CONCRETE MASONRY UNIT	OP'N-G- OPENING
C.O.- COLUMN	OPF.- OPPOSITE
COMM.- COMMERCIAL	PART.- PARTITION
CONC.- CONCRETE	P.C.L.- PRE-CAST CONC. LINTEL
CONV.- CONTINUOUS	PNL.- PANEL
CONST.- CONSTRUCTION	PR.- PAIR
D, DP- DEEP	PREFAB.- PREFABRICATED
DBL.- DOUBLE	P.S.I.- POUNDS PER SQUIRE INCH
DET.- DETAIL	P.T.- PRESSURE TREATED
D.F.- DRINKING FOUNTAIN	PT.- POINT
DIAM.- DIAMETER	PTD.- PAINTED
DM- DIMENSION	R- RISER
DWG'S, DRWG'S.- DRAWINGS	RD.- ROOF DRAIN
E.J.- EXPANSION JOINT	REF.- REFLECTED, REFERENCE
EA.- EACH	REINF.- REINFORCING
ELEC.- ELECTRICAL	REQ'D- REQUIRED
ELEV.- ELEVATION	RWC.- RAIN WATER CONDUCTOR
EMER.- EMERGENCY	RM.- ROOM
E.Q.- EQUAL	SC.- SOLID CORE
EQUIP.- EQUIPMENT	SCH'D- SCHEDULE
E.S.- EACH SIDE	S.F.- SQUARE FEET
EST.- ESTIMATED	SM.- SIMILAR
ETC.- ETCETERA	S.O.G.- SLAB ON GRADE
E.W.B.- EACH WAY BOTTOM	STL.- STEEL
EXP.- EXPOSED, EXPANSION	SURF.- SURFACE
EXT.- EXTERIOR	STR. STRUCT.- STRUCTURAL
F.D.- FLOOR DRAIN	SUSP.- SUSPENDED
FIN. FLR.- FINISHED FLOOR	S.W.B.- SIDEWAYS BOTTOM
FD.- FOUNDATION	TEMP.- TEMPERED
FTG.- FOOTING	THK.- THICK
FW- FIELD VERIFY	TOP/, T/ - TOP OF
G.C.- GENERAL CONTRACTOR	T.O.N.- TOP OF MASONRY
GA.- GAGE	TRANS.- TRANSITION
GALV.- GALVANIZED	TYP.- TYPICAL
GLS.- GLASS, GLAZING	UL.- UNDERWRITERS LABORATORIES
GSF.- GROSS SQUARE FOOTAGE	U.N.O.- UNLESS NOTED OTHERWISE
GWB.- GYPSUM WALL BOARD	VCT.- VINYL COMPOSITION TILE
GYP.- GYPSUM	VERT.- VERTICAL
H.- HIGH	VEST.- VESTIBULE
H.C.- HANDICAP	V.F.- VERIFY IN FIELD
HD.- HEAD	V.P.- VISION PANEL
HM, HOL. MET.- HOLLOW METAL	VTR.- VENT THROUGH ROOF
HORIZ.- HORIZONTAL	W.U.O.- VERIFY WITH OWNER
HT.- HEIGHT	W.- WIDE, WIDTH, WOMAN
HR, HRS- HOUR, HOURS	W/- WITH
HV- HEATING/VENTILATING	WD.- WOOD
INSUL.- INSULATION	WDW.- WINDOW
JT.- JOINT	WHSE.- WAREHOUSE
KO- KNOCKOUT	W.U.F.- WELDED WIRE FABRIC
LG.- LONG	W.L.B.- LENGTHWISE BOTTOM

GRAPHIC LEGEND

	DETAIL NUMBER
	SHEET ON WHICH DETAIL APPEARS
	SECTION NUMBER
	SHEET ON WHICH SECTION APPEARS
	ELEVATION NUMBER
	SHEET ON WHICH ELEVATION APPEARS
	DOOR NUMBER OR TYPE
	WINDOW TYPE
	PARTITION TYPE
	ROOM NUMBER
	CENTER LINE
	STRUCTURAL LINE

OUTLINE OF BUILDING MATERIAL SPECIFICATIONS AND GENERAL NOTES

GENERAL:

- ALL CODES HAVING JURISDICTION SHALL BE STRICTLY OBSERVED IN THE CONSTRUCTION OF THE PROJECT, INCLUDING ALL APPLICABLE STATE, CITY, AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE CODES INCLUDING UNDERWRITERS LAB APPROVAL AND ALL STATE AND FEDERAL OSHA SAFETY REQUIREMENTS. CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS BEFORE COMMENCEMENT OF CONSTRUCTION AND BRING ANY DISCREPANCIES BETWEEN CODE REQUIREMENTS AND THE CONSTRUCTION DOCUMENTS TO THE ATTENTION OF THE ARCHITECT.
- OSHA REGULATIONS SHALL APPLY WHERE REQUIRED DURING THE COURSE OF THE WORK AS IT APPLIES TO WORKMEN'S SAFETY. CONTRACTOR SHALL DESIGNATE A "SAFETY DIRECTOR" WHO SHALL BE RESPONSIBLE FOR ALL OSHA REQUIREMENTS.
- THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUB-CONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT ANY SITE CONDITIONS.
- THE CONTRACTOR SHALL BRING ERRORS AND OMISSIONS WHICH MAY OCCUR IN CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT AND INSTRUCTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH AFFECTED WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR RECTIFYING UNACCEPTABLE RESULTS OF ANY ERRORS, DISCREPANCIES, OR OMISSIONS IN THE CONTRACT DOCUMENTS WHICH CAN READILY OR REASONABLY BE DETERMINED AND FOR WHICH THE CONTRACTOR FAILED TO NOTIFY THE ARCHITECT BEFORE CONSTRUCTION AND/OR FABRICATION OF SUBJECT WORK.
- CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, TELEPHONE, TELECOMMUNICATIONS, COMPUTER SYSTEM AND SECURITY SYSTEM ENGINEERING, AND INTERIOR DESIGN PROVISIONS ARE NOT INCLUDED AS PART OF THE SCOPE OF THESE DOCUMENTS. C.C. TO CONSULT W/ OWNER REGARDING THE COORDINATION OF THESE DOCUMENTS WITH OTHER WORK AND/OR OWNER- SUPPLIED ADDITIONAL DOCUMENTS.
- THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
- ENLARGED DRAWINGS/DETAILS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
- DETAILS AND SECTIONS ON THE DRAWINGS ARE TAKEN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SERVE TYPICAL CONSTRUCTION FOR ALL SIMILAR CONDITIONS. MODIFICATIONS SHALL BE MADE BY THE CONTRACTORS TO ACCOMMODATE MINOR VARIATIONS.
- DO NOT SCALE DRAWINGS. MATERIALS, PENETRATION AND DISTANCES SHOWN SHALL BE SUPERCEDED BY WRITTEN TEXT AND DIMENSIONS.
- ALL DIMENSIONS ARE TO FACE OF STUDS, FACE OF MASONRY AND/OR FACE OF CONCRETE UNLESS NOTED OTHERWISE.
- ALL MATERIALS SHALL BE AS SPECIFIED AND/OR DETAILED, AND STORED AND INSTALLED IN A WORKMAN LIKE MANNER, IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- CONTRACTOR TO INSURE STABILITY AND SAFETY OF STRUCTURES AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
- CONTRACTOR SHALL INSURE THAT ALL DOORS, HATCHES, AND OTHER MEANS OF ACCESS TO ROOF SHALL BE CLOSED AND MADE WATERTIGHT AT THE END OF EACH DAYS WORK AND AT PROJECT COMPLETION.
- ALL CONTRACTORS SHALL MAINTAIN THE PREMISES CLEAN AND FREE OF ALL TRASH, DEBRIS AND SHALL PROTECT ALL ADJACENT WORK FROM DAMAGE, SOILING, PAINT OVERSPRAY, ETC. ALL FIXTURES, EQUIPMENT, GLAZING, FLOORS ETC. SHALL BE LEFT CLEAN AND READY FOR OCCUPANCY UPON COMPLETION OF THE PROJECT.
- THE ARCHITECT IS NOT RESPONSIBLE FOR WORK COMPLETED THAT DEVIATES FROM ADOPTED CODES, CONTRACT DOCUMENTS, AND WORKING DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF AND REVIEWED BY THE ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL RELATED ITEMS REQUIRED FOR CONST. UNLESS OTHER ARRANGEMENTS ARE MADE WITH OWNER. SPECIFIC ITEMS TO BE FURNISHED BY OWNER OR OTHERS ARE NOTED IN THESE DOCUMENTS. DIMENSIONS ON PREFABRICATED ITEMS ARE TO BE COORDINATED WITH MANUFACTURERS INSTRUCTIONS.

SITE WORK

- ALL BACKFILL UNDER CONCRETE SLABS AND PAVED AREAS SHALL BE PLACED PER GEOTECHNICAL REPORT AND CIVIL ENGINEERING DOCUMENTS.
- LANDSCAPING CONTRACTOR TO PROVIDE COMPACTED FILL, TOPSOIL, AND SEED TO ALL GRASS AREAS, ALL TREE AND SHRUBBERY PLANTING SHALL BE DONE IN ACCORDANCE WITH THE CIVIL SITE PLAN AND PLANTING SCHEDULE. CONTRACTOR SHALL NOT PLANT TREES AND /OR SHRUBS DURING A PERIOD OF UNSUITABLE CLIMATIC CONDITIONS.
- ALL NEW PLANTINGS SHALL BE FROM NURSERY GROWN STOCK, AND CERTIFIED BY THE AMERICAN ASSOCIATION OF NURSERYMEN AS BEING FREE FROM DISEASE AND INSECTS.
- NO FREE WATER SHALL BE ALLOWED TO BE WITHIN FOOTING AND SLABS EXCAVATION BEFORE AND DURING THE PLACEMENT OF CONCRETE.
- ALL BACKFILL AT STRUCTURES, SLABS, STEPS, AND PAVEMENTS SHALL BE CLEAN GRANULAR FILL. BUILDING SITE SHALL BE KEPT DRY SO THAT EROSION WILL NOT OCCUR IN THE FOUNDATION EXCAVATIONS. BACKFILL SHALL CONSIST OF A SUITABLE COHESIVE SOIL, OR A WELL GRADED GRANULAR MATERIAL HAVING A CLAY BINDER. BACKFILL MATERIALS MUST BE COMPACTED PER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS.
- GRADING SHALL BE DONE TO DIRECT ALL SURFACE WATER AWAY FROM THE STRUCTURE WITH A MINIMUM SLOPE OF 1/4" PER FT.
- ALL SLABS ON GRADE SHALL BEAR ON ENGINEERED COMPACTED SOIL, CAPABLE OF SUPPORTING ALL ANTICIPATED LOADS IN ACCORDANCE WITH STRUCTURAL SPECIFICATIONS. ALL FOOTINGS SHALL BEAR ON UNDISTURBED VIRGIN SOIL, OR ENGINEERED COMPACTED SOIL CAPABLE OF SUPPORTING ALL ANTICIPATED LOADS IN ACCORDANCE WITH STRUCTURAL SPECIFICATIONS.

CONCRETE/FOOTINGS:

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS.
- ALL CONCRETE FOOTINGS ARE DESIGNED TO BEAR ON SOLID UNDISTURBED NATURAL OR CONTROLLED COMPACTED FILL CAPABLE OF SUPPORTING A MINIMUM OF 2,000 PSF. BUILDER/CONTRACTOR IS TO VERIFY SOIL BEARING CAPACITY PRIOR TO POURING OF FOOTINGS AND CONSTRUCTION OF FOUNDATION. IF THE SOIL IS FOUND TO BE IN CLASS III WHICH CONSISTS OF, BUT NOT LIMITED TO SC, MH, MH-CL AND INORGANIC CL SOILS, THE BUILDER/CONTRACTOR IS TO NOTIFY THE ARCHITECT IMMEDIATELY BEFORE CONSTRUCTION BEGINS.
- BOTTOM OF ALL FOOTINGS SHALL MAINTAIN A MINIMUM DEPTH OF 36" BELOW EXTERIOR FINISH GRADE.

- ALL REINFORCING STEEL REBAR IN CONCRETE FOOTINGS SHALL BE MANUFACTURED OF HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM SPECIFICATIONS A-615B, GRADE 40. MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE 3 INCHES, WHERE CONCRETE IS AGAINST AND PERMANENTLY EXPOSED TO EARTH.
- THE SPECIFIED LOCATION OF THE REINFORCEMENT SHALL EQUAL OR EXCEED THE EFFECTIVE DEPTH DISTANCE,4, NOTED IN TABLES 1805.3(2), 1805.5(3), 1805.5(4) OF THE 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION AND SHALL BE MEASURED FROM THE FACE OF THE SOIL SIDE OF THE WALL TO CENTER OF THE VERTICAL REINFORCEMENT. THE REINFORCEMENT SHALL BE PLACED WITHIN THE TOLERANCES SPECIFIED IN ACI 530.1/ASCE 6/TMS 402, ARTICLE 3.4(E) OF THE SPECIFIED LOCATION.
- PIPE AND CONDUIT HOLES AND TRENCHES IN THE FLOOR RESULTING FROM REMOVALS, OR NEW WORK REQUIREMENTS, SHALL BE FILLED IN SOLID WITH CONCRETE.
- SUITABLE EXPANSION JOINTS AS REQUIRED BY JOB CONDITIONS SHALL BE PROVIDED IN WALLS AND FLOORS.
- ALL FORMS MUST BE REMOVED BEFORE THE PLACEMENT OF COMPACTED BACKFILL.
- VERTICAL REINFORCEMENT SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.

GROUNDING:

- WHEN UNCOATED CONDUCTIVE STEEL REBAR MEASURING 1/2" DIAMETER OR GREATER AND 20 OR MORE FEET IN LENGTH (REBAR LENGTH CONSISTS OF ONE PIECE OR MULTIPLE LENGTHS TIED TOGETHER) IS ENCASED IN NO LESS THAN 2" OF CONCRETE IT IS REQUIRED TO BE BONDED TO THE GROUNDING ELECTRODE SYSTEM OF NEW CONSTRUCTION.
- SECTION 250-70 IN THE NEC 2014 SUBCODE SPECIFIES THAT A UL LISTED CLAMP ATTACHED TO THE ENCASED 1/2" DIAMETER OR GREATER UNCOATED CONDUCTIVE STEEL REBAR IN THE BOTTOM OF THE FOOTING, SHALL ALSO BE ATTACHED TO A SOLID OR STRANDED COPPER CONDUCTOR OF SIZE #4 AS SPECIFIED IN SECTION 250-66(B).
- A CONCRETE-ENCASED ELECTRODE CAN ALSO BE A #4 BARE COPPER CONDUCTOR AT LEAST 20' IN LENGTH THAT IS ENCASED IN 2" OF CONCRETE IN OR NEAR THE FOOTING.

MASONRY:

- ALL MASONRY CONSTRUCTION EXPOSED TO EARTH SHALL BE IN CONFORMANCE WITH A.C.I. AND N.J. UNIFORM CONSTRUCTION CODE REQUIREMENTS.
- CMU FOR GENERAL USE, ASTM C90, TYPE I, MEDIUM OR LIGHT-WEIGHT, HOLLOW LOAD BEARING, USE GRADE "N" FOR ALL GENERAL USE WORK. NOMINAL UNIT 8X16 AND 12X16 INCHES.
- SOLID LOAD BEARING CMU; ASTM C145, ALL OTHER REQUIREMENTS SAME AS SPECIFIED FOR CMU GENERAL USE.
- WHERE SPECIFIED, MASONRY WALLS SHALL BE REINFORCED WITH GALVANIZED STEEL, ASTM A618, GRADE 60 JOINT REINFORCEMENT (DUR-6-0-WALL) TRUSS TYPE AT 16" ON CENTER VERTICALLY (TYPICAL ALL WALLS).
- SUITABLE EXPANSION JOINTS AS REQUIRED BY JOB CONDITIONS SHALL BE PROVIDED IN WALLS AND FLOORS, BUT NOT LESS THAN EVERY 20 LINEAL FEET OF CONCRETE MASONRY WALL, STARTING AT OR NEAR FINISHED GRADE OR FLOOR LINE AND CONTINUING FOR FULL HEIGHT OF WALL.
- GROUT SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH OF NOT LESS THAN 2,000 PSI AT 28 DAYS.
- HOLLOW MASONRY UNITS SHALL COMPLY WITH ASTM C90 AND SHALL BE INSTALLED WITH TYPE M OR S MORTAR.

THERMAL AND MOISTURE PROTECTION:

- THE FOLLOWING SPECIFICATION SHALL COMPLY WITH MODIFICATIONS AS SPECIFIED HEREIN: AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS (ASHRAE), HANDBOOK OF FUNDAMENTALS.
- INSTALL FLASHING AND SHEET METAL IN COMPLIANCE WITH "ARCHITECTURAL SHEET METAL MANUAL".
- ALUMINUM FLASHING SHALL CONFORM TO ASTM B209, AND BE MINIMUM 0.016" THICK STANDARD BUILDING SHEET OF PLAIN FINISH.
- GALVANIZED STEEL FLASHING SHALL CONFORM TO ASTM A526, 0.20% COPPER, 26 GAGE (0.0179"). ASTM A525, DESIGNATION G 90 HOT-DIP GALVANIZED, MIL PHOSPHATIZED.
- BACKPAINT FLASHINGS WITH BITUMINOUS PAINT, WHERE EXPECTED TO BE IN CONTACT WITH CEMENTITIOUS MATERIALS OR DISSIMILAR METALS.
- PROVIDE AND INSTALL FLASHING AT ALL ROOF TO WALL CONDITIONS, PROJECTIONS OF WOOD BEAMS THROUGH EXTERIOR WALLS, EXTERIOR OPENINGS, AND ELSEWHERE AS REQUIRED TO PROVIDE WATERTIGHT/WEATHERPROOF PERFORMANCE.
- ROOF DECKS SHALL BE COVERED WITH APPROVED ROOF COVERINGS SECURED TO THE BUILDING OR STRUCTURE IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 15 OF THE 2000 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION. ROOF COVERINGS SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS CODE AND APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS SUCH THAT THE ROOF COVERING SHALL SERVE TO PROTECT THE BUILDING OR STRUCTURE.
- ENCLOSED ATTIC SPACES AND ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN. THE NET FREE VENTILATING AREAS SHALL BE NOT LESS THAN 2/3 OF ONE PERCENT (1%) OF THE HORIZONTALLY PROJECTED ROOF AREA, OR 1/3 OF ONE PERCENT (1%) IF AT LEAST 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.
- ALL EXTERIOR JOINTS AROUND DOORS, WINDOWS, UTILITY PENETRATIONS, AT MEETINGS OF WALLS, FLOORS AND ROOFS MUST BE CAULKED, GASKETED OR OTHERWISE SEALED.
- THE PERIMETER OF ALL NEW WATER CLOSETS, URINALS, SINKS, AND BACKSPLASH AT COUNTERTOPS SHALL BE CAULKED WHERE THEY CONTACT EITHER FLOORS OR WALLS.
- ROOFING TERMINATION BARS SHALL BE CUT TO FIT, BENDING OF BARS AROUND CORNERS IS NOT PERMITTED. PROVIDE VERTICAL TERMINATION BARS WHERE FLASHING TERMINATES AT ENDS OF ROOF.
- AVOID GAPS AND BULGES IN INSULATION DURING INSTALLATION. INSTALL INSULATION AS RECOMMENDED BY MANUFACTURER. INSTALL PIECES OF INSULATION INTO CRACKS BETWEEN ROUGH FRAMING, DOOR JAMBS, HEADS, ETC., WHERE APPLICABLE. FILL ALL VOIDS IN FRAMING WITH INSULATION.
- INSTALL URETHANE SEALANT AND CAULKING (WITH BACKER ROD AND PRIMER TAPE WHERE INDICATED) AT ALL EXTERIOR JOINTS WHERE SHOWN ON THE DRAWINGS AND ELSEWHERE AS REQUIRED (UNLESS NOTED OTHERWISE) TO PROVIDE A POSITIVE BARRIER AGAINST MOISTURE AND PASSAGE OF AIR.
- BUILDER TO USE TRIPLE ZINC COATED OR STAINLESS STEEL FLASHING WHEN IN CONTACT WITH PRESSURE TREATED LUMBER.

PREFABRICATED WOOD TRUSSES :

- Design trusses under seal of a professional engineer registered in the state of New Jersey and experienced in structural framing design of wood trusses.
- Design Standards - Conform to the applicable provisions of the National Design Specification for Wood Construction, published by the National Forest Products Association, and the Design Specification For Metal Plate Connected Wood Trusses, published by the Truss Plate Institute.
- Design members to withstand their own weight, erection forces and live and dead loads. Design for 24 lbs/sq. ft. minimum snow load and applicable wind loads.
- Lumber Grading Agency - Certified by AISC.
- Truss Plates - In accordance with Truss Plate Institute.
- Conform to 2015 Intl. Build. Code N.J. Ed. for loads, and other governing load criteria.
- Shop Drawings - Indicate framing system, sizes and spacing of joists loads and just cambers, bearing and anchor details, bridging and bracing and framed openings. Submit design calculations and shop drawings to code official as required.
- Verify dimensions and site conditions prior to fabrication.
- Floor/ Roof trusses to be manufactured and installed in strict accordance with manufacturer's recommendation. All spans, joint depth, deflections and spacing to be verified by manufacturer.
- As per NAC 5:23-2.15(f) 1x(1) UCC, Builder/ Homes Owner is to supply all Engineering, Design and Design Criteria for roof and floor systems designed by others to the architect prior to start of construction for review and written approval.
- Accurately position trusses and nail in place w/ Simpson H2.5A clips or equal at each end of roof trusses.
- Truss designer is to provide all hangers, blocking, bridging, and special connection details, special blocking or bracing details, and shop drawings to the contractor prior to fabrication.
- Truss designer to provide all handling and erection procedures to contractor prior to fabrication.
- Do not field cut trusses.

STRUCTURAL STEEL :

- ALL STRUCTURAL STEEL SHALL BE ERCTED AND FABRICATED IN ACCORDANCE WITH THE LATEST AISC, AND AISC CODE, AND TO CONFORM WITH ASTM SPECIFICATION A-36 (FY=36,000 PSI).
- GENERAL CONTRACTOR IS TO OBTAIN AND PROVIDE ALL LOAD AND NON-LOAD BEARING STRUCTURAL METAL FRAMING. CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER FOR REVIEW- DESIGN, LAYOUT, AND CALCULATIONS FOR ALL CONNECTIONS, WALL STUDS RUNNERS, CEILING, FLOOR, AND ROOF JOISTS, COLUMNS, BEARING PLATES, AND BRACING.
- STEEL PIPE SHALL CONFORM TO ASTM A-501 (FY=36,000 PSI).
- STEEL PIPE AND TUBE COLUMNS SHALL BE OF STANDARD STEEL SIZES AND OF CAPACITY AND WELDABILITY EQUIVALENT TO ASTM SPECIFICATIONS A-501.
- STEEL CONNECTION BOLTS, NUTS AND WASHERS TO CONFORM WITH ASTM A-307.
- ALL STEEL SHOP AND FIELD WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS AS DESCRIBED IN THE AMERICAN WELDING SOCIETY'S "STANDARD QUALIFICATION PROCEDURE" TO PERFORM THIS TYPE WORK.
- RAILING ASSEMBLY, WALL RAILS AND ATTACHMENTS SHALL RESIST A SIMULTANEOUS VERTICAL AND HORIZONTAL THRUST OF 50 LBS. PER FT. APPLIED AT THE TOP OF THE RAILING WITHOUT DAMAGE OR PERMANENT SET. ALSO, RAILINGS SHALL BE CAPABLE OF WITHSTANDING A MINIMUM LOAD OF 200 LBS. APPLIED IN ANY DIRECTION AT ANY POINT ON THE TOP RAIL.
- WHERE ALUMINUM IS ADJACENT TO STEEL, PROVIDE ADEQUATE BARRIER TO PREVENT OXIDATION OF ALUMINUM.
- ALL STEEL SHALL RECEIVE ONE COAT OF SHOP APPLIED APPROVED PRIME PAINT, WHERE EXPOSED, PRIOR TO MEET SPECIFICATIONS NOTED.

FASTENERS AND SUPPORTS:

- ANCHOR BOLTS WHERE APPLICABLE; MASONRY, CONCRETE, WOOD, TO CONFORM TO ASTM SPECIFICATION A-307.

FINISHES

- UNLESS OTHERWISE NOTED ON DOCUMENTS, ALL TOUCH UP PAINTING SHALL BE FROM A BREAK IN PLANE TO A BREAK IN PLANE REGARDLESS OF AREA ACTUALLY REPAIRED OR DISTURBED.
- ALL TRANSITIONS IN FINISH FLOORING MATERIALS TO BE PROTECTED WITH APPROPRIATE THRESHOLDS OR REDUCING STRIPS.
- PRIOR TO PAINT APPLICATION CLEAN WALL AND ENSURE ALL EXISTING SURFACES ARE SOUND, SCAPE AND PREPARE WALLS IF NECESSARY.
- FOR ALL PAINT APPLICATIONS, CONTRACTOR TO FOLLOW MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
- ALL COLORS OF FINISHES BY OWNER, UNLESS NOTED OTHERWISE, (INCLUDES PAINT) CONFORM TO THE GA-600-2003 FIRE RESISTANCE DESIGN MANUAL 19th EDITION FOR FIRE-RATED ASSEMBLIES. LISTED ASSEMBLY AS SHOWN ON DRAWINGS.
- STANDARD GYPSUM BOARD - ANSI/ASTM C36; 1/2 INCH THICK MAXIMUM PERMISSIBLE LENGTH, ENDS SQUARE CUT, TAPERED EDGES.
- FIRE RATED GYPSUM BOARD - ANSI/ASTM C36; FIRE-RESISTIVE TYPE, UL RATED, 5/8 INCH THICK, MAXIMUM PERMISSIBLE LENGTH, ENDS SQUARE CUT, TAPERED EDGES.
- PROVIDE AND INSTALL GYPSUM WALL BOARD IN ACCORDANCE WITH "AMERICAN STANDARD SPECIFICATIONS" FOR THE APPLICATION AND FINISHING OF GYPSUM WALLBOARD, AS APPROVED BY THE AMERICAN STANDARDS ASSOCIATION, LATEST ADDITION.
- JOINTS OF GYPSUM BOARD DRAFTSTOPS SHALL BE TAPED BUT NOT FINISHED.
- APPLICATION OF PAINT OR OTHER COATING SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. READY-MIXED PAINT SHALL NOT BE THINNED, EXCEPT AS PERMITTED IN THE APPLICATION INSTRUCTIONS. ALL INTERIOR WALL SURFACES SHALL BE PAINTED WITH 2 COATS FLAT LATEX PAINT, COLORS BY OWNER, EXCEPT FACTORY FINISHED SURFACES. ALL SURFACES TO BE FINISHED SHALL BE CLEAN AND FREE OF FOREIGN MATERIALS (DIRT, GREASE, ASPHALT, ETC.). APPLICATION SHALL BE IN A WORKMAN LIKE MANNER PROVIDING A SMOOTH SURFACE. APPLICATION RATE SHALL BE THAT RECOMMENDED BY THE MANUFACTURER. APPLICATION MAY BE BY BRUSH OR ROLLER OR BY SPRAY IF PAINT IS FORMULATED FOR SPRAY APPLICATION.
- LAY-IN CEILING SUPPORT GRID AND RUNNERS ARE TO BE ATTACHED TO ROOF FRAMES VIA WIRE TIE CONNECTIONS. SUSPENSION SYSTEMS TO BE DESIGNED TO SUPPORT INSULATION, LIGHTING, DIFFUSERS, AND ALL OTHER GRID MOUNTED EQUIPMENT.
- PROVIDE "MAB/PENNSBURRY COATINGS" RUST-O-LASTIC GLOSS ACRYLIC (DMT) MAINTENANCE FINISH (OR APPROVED EQUAL) TO ALL EXTERIOR EXPOSED STEEL. PREPARE SURFACES AND APPLY DECORATIVE/PROTECTIVE COATINGS IN STRICT ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. PRIME EXPOSED STEEL WITH RUST-O-LASTIC HYDRO-PRIME II AND TOP COAT WITH 2 COATS OF RUST-O-LASTIC GLOSS ACRYLIC (DMT) MAINTENANCE FINISH. SAND LIGHTLY BETWEEN COATS.

THESE PLANS ARE DESIGNED IN ACCORDANCE TO THE FOLLOWING CODES AND SUBCODES.

2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION
2020 NATIONAL ELECTRIC CODE
2021 NATIONAL STANDARD PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FUEL GAS CODE
ASHRAE 90.1-2019 ENERGY CODE (COMMERCIAL)
UCC SUBCODE OF THE STATE OF NEW JERSEY
CONTRACTORS AND SUBCONTRACTORS TO BE FAMILIAR WITH THESE CODES BEFORE CONSTRUCTION BEGINS

CARPENTRY

- THE CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORTS AND/OR BACKING MATERIAL IN NEW WALLS FOR EQUIPMENT AND /OR ACCESSORIES ATTACHED THERETO.
- PROVIDE MANUFACTURER'S STANDARD LOAD BEARING AND NON-LOAD BEARING STEEL STUDS AND JOISTS OF TYPE, SIZE, SHAPE, AND SPACING AS INDICATED ON DRAWING. GAGE SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS BASED ON SPAN, TYPE, SIZE, SHAPE, AND SPACING, WITH EACH TYPE OF METAL FRAMING REQUIRED. PROVIDE MANUFACTURER'S STANDARD STEEL STUDS, BLOCKING, LATELS, CLIP ANGLES, SHOS, REINFORCEMENTS, FASTENERS, AND ACCESSORIES FOR APPLICATION INDICATED, AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM. FOR 16 GAGE AND HEAVIER UNITS, FABRICATE METAL FRAMING COMPONENTS OF STRUCTURAL QUALITY STEEL SHEET WITH A MIN. YIELD POINT OF 40,000 psi ASTM A 448 570, OR A 611 FOR 18 GAGE AND LIGHTER UNITS. FABRICATE METAL FRAMING COMPONENTS OF COMMERCIAL PROVIDE GALVANIZED FINISH TO ALL METAL FRAMING COMPONENTS COMPLYING WITH ASTM 525 FOR MIN. G60 COATING. PROVIDE NUTS, BOLTS, WASHERS, SCREWS, AND OTHER FASTENERS WITH CORROSION RESISTANT PLATED FINISH. IN GENERAL, INSTALL METAL FRAMING SYSTEMS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

BARRIER FREE REQUIREMENTS: (CHAPTER 11 2021 IBC NJ ED.)

NOTE: ICC/ANSI A117.1-2017 ACCESSIBLE AND USABLE BUILDING FACILITIES CODE BOOK SHOULD BE REVIEWED FOR ALL APPLICABLE BUILDING SUBCODES AND REQUIREMENTS BEFORE CONSTRUCTION.

- THRESHOLDS SHALL BE BEVELED AND NO HIGHER THAN 1/2".
- DOOR HARDWARE, HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS SHALL HAVE A SHAPE THAT IS EASY TO GRIP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF WRIST TO OPERATE. WHEN SLIDING DOORS ARE IN THE PULL, OPEN POSITION, OR OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- BATHROOMS SHALL HAVE SLIP RESISTANT FLOORING.
- PROVIDE BLOCKING IN THE WALL AT GRAB BAR LOCATIONS.
- GRAB BARS SHALL BE 1-1/4" - 2" DIA, MOUNTED 1-1/2" FROM WALL, WITH 250 LBS. MINIMUM BEARING CAPACITY. LENGTH SHALL BE AS INDICATED ON DRAWINGS.
- HOT WATER SUPPLY AND DRAIN PIPES WITHIN WHEELCHAIR SPACES SHALL BE INSULATED. "P" TRAPS MAY BE OFFSET HORIZONTALLY OR LOCATED "IN WALL" WITH AN ACCESS PANEL.

DOORS AND WINDOWS:

- UNLESS OTHERWISE NOTED ALL DOOR HEADS TO BE AT 7'-0" A.F.F. UNLESS OTHERWISE NOTED IN DOOR SCHEDULE.
- CONTRACTOR SHALL CONFORM TO THE ADOPTED ENERGY CODE AND VERIFY THAT THE MAXIMUM WINDOW AND DOOR INFILTRATION RATES ARE NOT EXCEEDED.
- ALL EXTERIOR JOINTS AROUND WINDOWS, DOORS, UTILITY PENETRATIONS, AND AT INTERSECTIONS OF WALLS, FLOORS, AND ROOFS SHALL BE CAULKED, GASKETED OR OTHERWISE SEALED AGAINST AIR INFILTRATION.
- ALL DOOR AND WINDOW OPENINGS TO THE EXTERIOR, OR TO UNCONDITIONED AREAS SHALL BE FULLY WEATHERSTRIPPED, GASKETED OR OTHERWISE TREATED TO LIMIT AIR INFILTRATION. ALL MANUFACTURED WINDOWS SHALL MEET THE AIR INFILTRATION STANDARDS OF ASTM E283.
- STEEL DOOR**
 - FIRE RATED DOOR PANEL AND FRAME CONSTRUCTION TO CONFORM TO ASTM E152, NFPA 252, OR UL 10B. WHERE PAIRS OF DOORS REQUIRE FIRE RATING, THE DOORS SHALL HAVE PASSED THE APPROPRIATE UL TEST WITHOUT THE USE OF EXTRINSICALS.
 - INSTALLED FRAME AND DOOR ASSEMBLY SHALL CONFORM TO NFPA 80 AND NFPA 101 FIRE RATED CLASS INDICATED.
 - EXTERIOR INSULATED STEEL DOORS - DOORS SHALL BE FABRICATED OF 24 GA. ELECTROGALVANIZED-BONDERIZED STEEL, EMBOSSED WITH PANEL DESIGN AS SHOWN ON BOTH INTERIOR AND EXTERIOR FACES. PROVIDE INTERNAL WOOD STILES, RAILS AND A 12" FULL SUPPORT LOCK BLOCK. INSULATE CORE WITH FOAMED-IN-PLACE POLYURETHANE HAVING AN R VALUE OF 15.49. PREPARE DOOR FOR 2-3/4" BUCKSET AND MORTISE FOR HINGES.
 - INTERIOR DOORS - SDI-100 GRADE II (HEAVY DUTY), 18 GAUGE, MODEL 3 (SEAMLESS HOLLOW STEEL).
 - EXTERIOR FRAMES - 18 GAUGE THICK ELECTRO-GALVANIZED STEEL, COMPLETE WITH ADJUSTABLE ALUMINUM THRESHOLD, COMPRESSION WEATHERSTRIPPING AT HEAD AND STRIKE EDGE AND MAGNETIC WEATHERSTRIPPING AT LOCK EDGE.
 - INTERIOR FRAMES - 16 GAUGE THICK MATERIAL.

WOOD DOOR

- FLUSH INTERIOR DOORS: 1-3/4" THICK; SOLID CORE CONSTRUCTION; WOOD VENEER FINISH.
- DOOR CONSTRUCTION - (AWI QUALITY STANDARD).
- SOLID, NON-RATED CORE: AWI SECTION 1300, PC-5 PARTICLE BOARD.
- FIRE DOORS AND ASSEMBLIES SHALL MEET TEST REQUIREMENTS OF ASTM E152.
- FIRE DOORS SHALL BE SELF-CLOSING OR AUTOMATIC-CLOSING IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA80.

GLAZING

- GLASS IN TYPES AND KINDS SPECIFIED, SHALL COMPLY WITH FS DD-G-451 AND DD-G-1463, RESPECTIVELY FOR TYPES, CLASSES, STYLES, KINDS, FORMS, QUALITIES, DIMENSIONAL TOLERANCES AND OTHER STIPULATIONS THEREOF WHICH APPLY.
- LABELS - FACTORY LABEL EACH FACTORY CUT LIGHT OF GLASS. DO NOT REMOVE LABELS UNTIL ACCEPTED.
- GLAZING IN LOCATIONS WHICH MAY BE SUBJECT TO HUMAN IMPACT SUCH AS FRAMELESS, GLASS DOORS, GLASS ENTRANCES AND EXIT DOORS, FIXED GLASS PANELS, SHALL MEET THE REQUIREMENTS SET FORTH IN THE UNIFORM CONSTRUCTION CODE AND THE SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS (16 CFR 120). ALL GLAZED PANELS LOCATED WITHIN 12" OF A DOOR SHALL BE TEMPERED GLASS UNLESS SUCH PANELS ARE PROVIDED WITH A HORIZONTAL MEMBER 1 1/2" MINIMUM IN WIDTH LOCATED BETWEEN 24" AND 36" ABOVE THE WALKING SPACE.

NOTE: OTHER STEEL DETAILS AND SPECIFICATIONS BY ENGINEER SHOULD BE CONFIRMED WITH BOTH ARCHITECT AND ENGINEER BEFOR CONSTRUCTION

PLEASE NOTE:

UPON RECEIPT OF SEALED PLANS, IT IS THE RESPONSIBILITY OF THE OWNER/BUILDER TO VERIFY THAT ALL DESIGN ISSUES AND REQUIREMENTS HAVE BEEN MET AND ALL PARTIES INVOLVED HAVE REVIEWED THE PLANS FULLY. ANY QUESTIONS OR DISCREPANCIES REGARDING THE PLANS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE CONSTRUCTION BEGINS.

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SHT-REV

DATE

REMARKS

REVNO.

DATE

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CONTRACTOR MUST FIELD CHECK ALL DIMENSIONS AND REPORT ANY ERRORS OR DISCREPANCIES TO ARCHITECT BEFORE PROCEEDING WITH THE WORK.

JACK S. SMITH RA

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STATE OF NEW JERSEY

2021 INTERNATIONAL BUILDING CODE GENERAL NOTES

CAD FILE# 2021 INT.

DATE: 3-8-23

DRAWING NO.

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