

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 & 2)

Name of Project: 31 WEST FRONT BUILDING RENOVATION
Address: 31 WEST FRONT STREET, LILLINGTON, NC Zip Code: 27546
Owner/Authorized Agent: ANN MILTON Phone# 910-237-1675 E-Mail ANN@ANNMILTON.COM

CONTACT:

Table with columns: DESIGNER, FIRM, NAME, LICENSE #, TELEPHONE #, E-MAIL. Rows include Architectural, Civil, Electrical, Fire Alarm, Plumbing, Mechanical, Sprinkler-Standpipe, Structural, Retaining Walls >5' High, and Other.

(\*Others\* should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:

- Construction Type: New building, Addition, Renovation
Alteration: Level I, Level II, Level III, Historic Property, Change of Use

2018 NC EXISTING BUILDING CODE:

- Existing: Prescriptive, Repair, Chapter 14
Alteration: Level I, Level II, Level III, Historic Property, Change of Use

Constructed: (date) XXXX Current Occupancy (S) (Ch. 3): B
Renovated: (date) XXXX Proposed Occupancy (S) (Ch. 3): B, R-3

Risk Category (Table 1604.5): Current: I, II, III, IV Proposed: I, II, III, IV

BASIC BUILDING DATA:

Construction Type: I-A, II-A, III-A, IV, V-A, I-B, II-B, III-B, V-B
Sprinklers: No, Yes, Partial, NFPA 13, 13R, 13D
Standpipes: No, Yes, Class: I, II, III, Wet, Dry
Fire District: No, Yes, Flood Hazard Area: No, Yes
Special Inspections Required: No, Yes

GROSS BUILDING AREA TABLE:

Table with columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), RENO/ALTER (SQ.FT), SUB-TOTAL. Rows include 3rd Floor, 2nd Floor, Mezzanine, 1st Floor, Basement, and TOTAL.

ALLOWABLE AREA: CHAPTER 5

OCCUPANCY
Primary Occupancy: Assembly 303, Business 304, Educational 305, Factory 306, Hazardous 307, Institutional 308, Mercantile 309, Residential 310, Storage 311, Utility and Miscellaneous 312
Accessory Occupancy Classification(s) (<- 10%): XXXXXXXXX
Incidental Uses (Table 509): XXXXXXXXX
Special Uses (Chapter 4 - List Code Sections): XXXXXXXXX
Special Provisions (Chapter 5 - List Code Sections): XXXXXXXXX

Mixed Occupancy: No Yes Separation: 1HR Hr. Exception:
Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building.
Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

ALLOWABLE AREA

Table with columns: STORY NO., DESCRIPTION AND USE, BLDG AREA PER STORY (ACTUAL), TABLE 506.2\* AREA, AREA FOR FRONTAGE INCREASE\*\* (C), ALLOWABLE AREA PER STORY OR UNLIMITED\*\* (D). Rows include 1st and 2nd floors.

- 1. Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width= XXXXX (F)
b. Total Building Perimeter= XXXXX (P)
c. Ratio (F/P)= XXXXX (F/P)
d. W=Minimum width of public way= XXXXX (W)
e. Percent of frontage increase (I)= [F/P-0.25]x W/30= XXXXX (%)
2. Unlimited area applicable under conditions of Section 507.
3. Maximum Building Area=total number of stories in the building x D (maximum 3 stories) (506.2).
4. The maximum area of open parking garages must comply with Table 406.5.4.
5. Frontage increase is based on the unspinklered area value in Table 506.2.

ALLOWABLE HEIGHT

Table with columns: BUILDING HEIGHT IN FEET (TABLE 504.3), ALLOWABLE (TABLE 503), SHOWN ON PLANS, CODE REFERENCE. Rows include Building Height in Feet and Building Height in Stories.

- 1. Provide code reference if the 'Shown on Plans' quantity is not based on Table 504.3 or 504.4.
2. The maximum height of air traffic control towers must comply with Table 412.3.1.
3. The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS: CHAPTER 6 (TABLE 601)

Table with columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATING, DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, DESIGN # FOR RATED PENETRATION, DESIGN # FOR RATED JOINTS. Rows include Structural Frame, Bearing Walls, Nonbearing Walls and Partitions, Floor Construction, etc.

\* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS:

Table with columns: FIRE SEPARATION DISTANCE (FEET FROM PERPETRY LINES), DEGREES OF OPENINGS PROTECTION (TABLE 705.8), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%). Row includes >30'.

LIFE SAFETY SYSTEM REQUIREMENTS: Chapters 9 and 10

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes
Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS:

Life Safety Plan Sheet #, if Provided: A-0.2
Fire and/or smoke rated wall locations (Chapter 7)
Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
Exit sign locations (1013)
Exit access travel distances (1017)
Common path of travel distances (1006.2.1 & 1006.3.2(1))
Dead end lengths (1020.4)
Clear exit widths for each exit door
Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)

ACCESSIBLE DWELLING UNITS: (Section 1107)

Table with columns: TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED.

ACCESSIBLE PARKING REQUIREMENTS: (Section 1106)

Table with columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES REQUIRED, PROVIDED, # OF ACCESSIBLE SPACES PROVIDED (REGULAR WITH 5' ACCESS AISLE, VAN SPACES WITH 13' ACCESS AISLE, 8' ACCESS AISLE), TOTAL # ACCESSIBLE PROVIDED.

PLUMBING FIXTURE REQUIREMENTS: Chapter 29 (Table 2902.1)

Table with columns: USE, WATERCLOSETS, URINALS, LAVATORIES, SHOWERS, DRINKING FOUNTAINS. Rows include 1ST FLR.

SPECIAL APPROVAL: Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS:

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard design vs annual energy cost for the proposed design.

Existing building envelope complies with code: No Yes (The remainder of this section is not applicable)

Exempt Building: No Yes (Provide code or statutory reference)

Climate Zone: 3A 4A 5A

Method of Compliance: Energy Code Performance Prescriptive
ASHRAE 90.1 Performance Prescriptive
If \*Other\* specify source here

THERMAL ENVELOPE (Prescriptive method only):

Roof/Ceiling Assembly (each assembly)

Description of assembly: PROVIDE NEW ROOF AND INSULATION
U-Value of total assembly:
R-Value of insulation:
Skylights in each assembly:
U-Value of skylight:
Total square footage of skylight in each assembly:

Exterior Walls (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing)
U-Value of assembly: MAX .45
Solar heat gain coefficient: MAX .25
Projection factor:
Door R-Value:

Walls Below Grade (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:

Floors over unconditioned space (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:

Floors slab on grade

Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
Slab heated:

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGNS LOADS:

SEE STRUCTURAL

Importance Factors: Snow (Is), Seismic (Ie)
Live Loads: Roof (live & snow), Mezzanine, Floor
Ground Snow Load:
Wind Load: Basic Wind Speed, Exposure Category

SEISMIC DESIGN CATEGORY:

A B C D

Risk Category (Table 1604.5)

I II III IV

Spectral Response Acceleration

S1 %g S2 %g

Site Classification (ASCE 7)

A B C D E F

Basic Structural System: (check one)

Bearing Wall, Building Frame, Moment Frame, Dual w/ Special Moment Frame, Dual w/ Intermediate R/C or Special Steel, Inverted Pendulum

LATERAL DESIGN CONTROL:

Analysis Procedure: Simplified, Modal, Equivalent Lateral Force
Architectural, Mechanical, Components Anchored? Yes No
Earthquake, Wind

SOIL BEARING CAPACITIES:

Field Test (provide copy of test report)
Presumptive Bearing Capacity
Pile Size, Type, and Capacity

SOIL BEARING CAPACITIES:

Yes No

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

SEE MECHANICAL

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone

winter dry bulb:
summer dry bulb:

Interior Design Conditions

winter dry bulb:
summer dry bulb:
relative humidity:

Building heating load:

Building cooling load:

Mechanical Spacing Conditioning System

Unitary: description of unit, heating efficiency, cooling efficiency, size category of unit, Boiler, Chiller
Size category: If oversized, state reason:
List equipment efficiencies:

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

SEE ELECTRICAL

ELECTRICAL SUMMARY

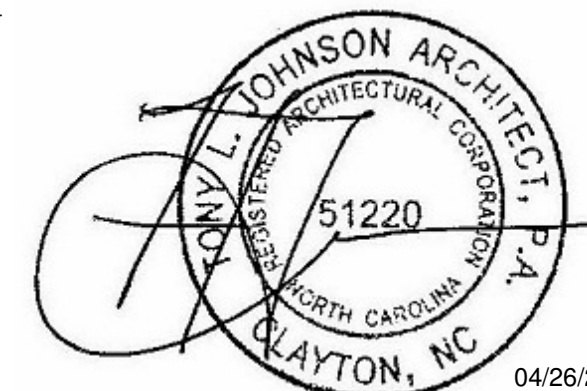
ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:

Lighting schedule (each fixture type)
lamp type required in fixture; number of lamps in fixture; ballast type used in the fixture; number of ballast in fixture; total wattage per fixture; total interior wattage specified vs. allowed (whole building or space by space); total exterior wattage specified vs. allowed

Additional Efficiency Package Options (When using the 2018 NCECC; not required for ASHRAE 90.1)

C406.2 More Efficient HVAC Equipment Performance
C406.3 Reduced Lighting Power Density
C406.4 Enhanced Digital Lighting Controls
C406.5 On-Site Renewable Energy
C406.6 Dedicated Outdoor Air System
C406:



04/26/2021

REVISIONS table with columns: NUMBER, DATE

31 WEST FRONT BUILDING RENOVATION
31 WEST FRONT STREET, LILLINGTON, NC

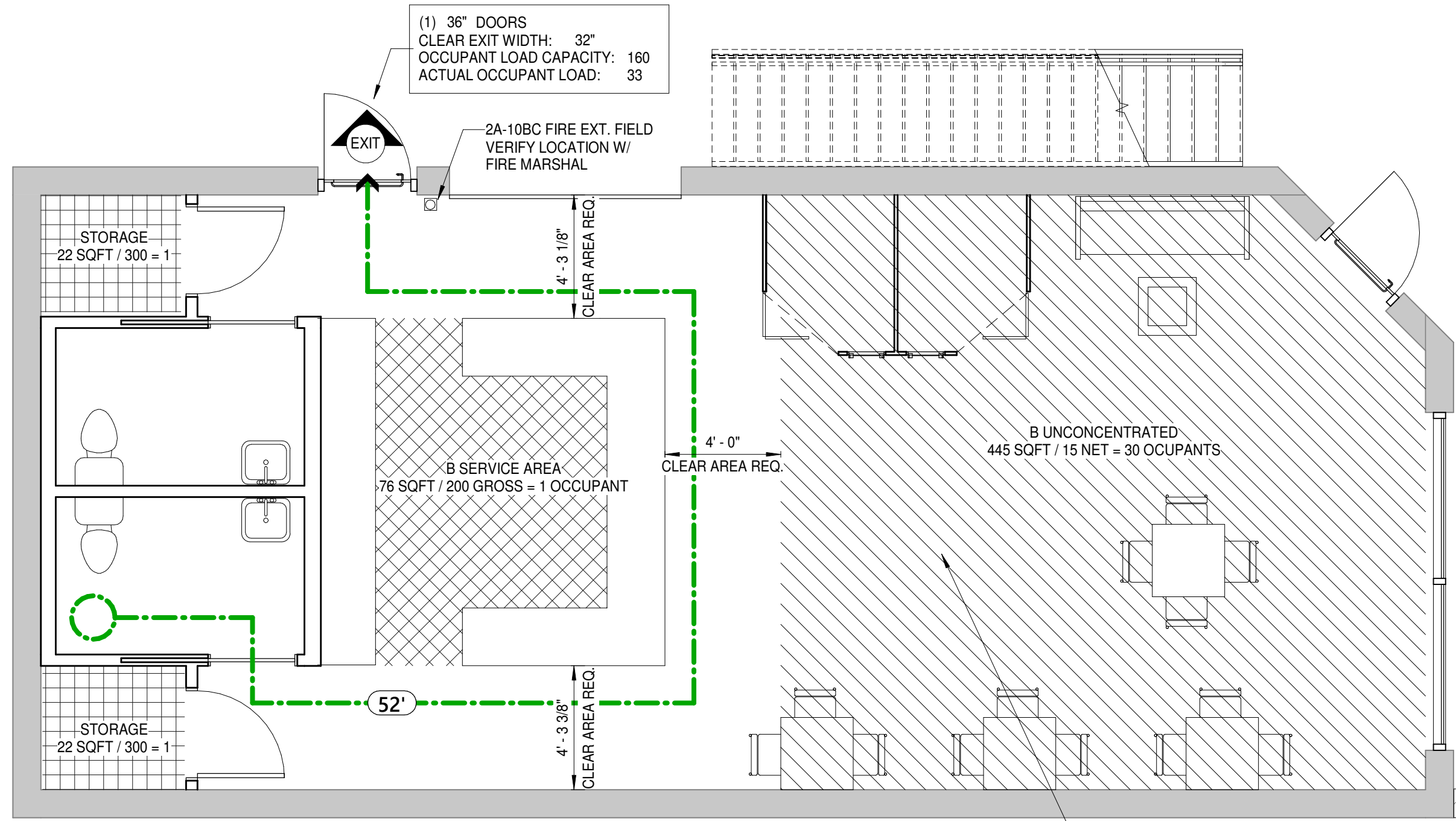
919-550-7717
Tony@TonyJohnsonArchitect.com
104 North Lombard St
Clayton, NC 27520
TonyJohnsonArchitect.com

TONY JOHNSON ARCHITECTURE

ISSUE DATE 04/26/2021
PROJECT # 2020-137
BUILDING CODE SUMMARY
SHEET

A-0.1

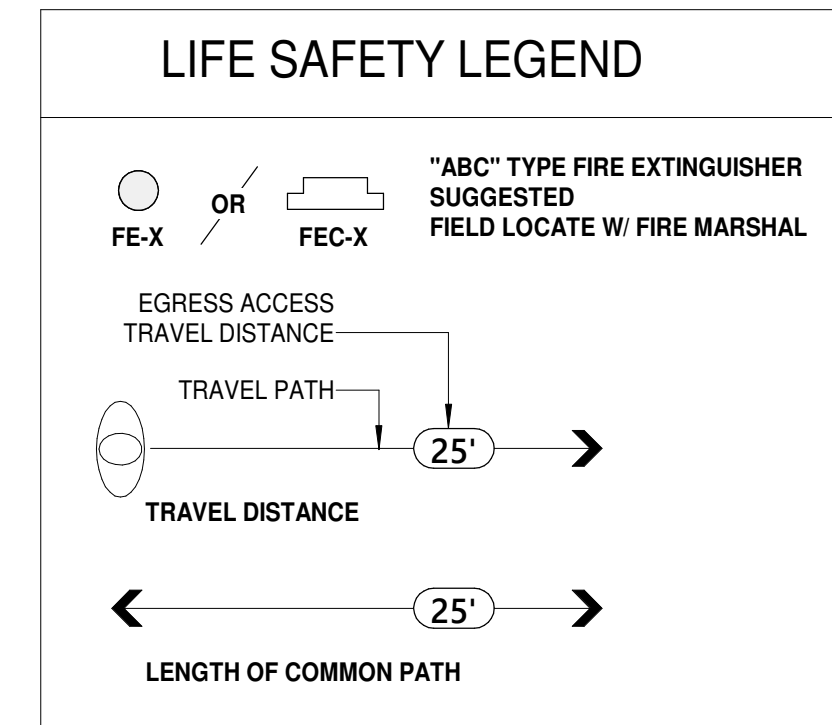
4/26/2021 8:39:35 PM G:\My Drive\2020 Project Folders\2020-137 - 31 West Front, Lillington (DSU Investments - Ann Milton)\DIGITAL MEDIA\REVIT3 FINAL\04-26-2021.rvt



4 FIRST FLOOR LIFE SAFETY PLAN  
1/4" = 1'-0"

TOTAL OCCUPANTS: 33 PERSONS

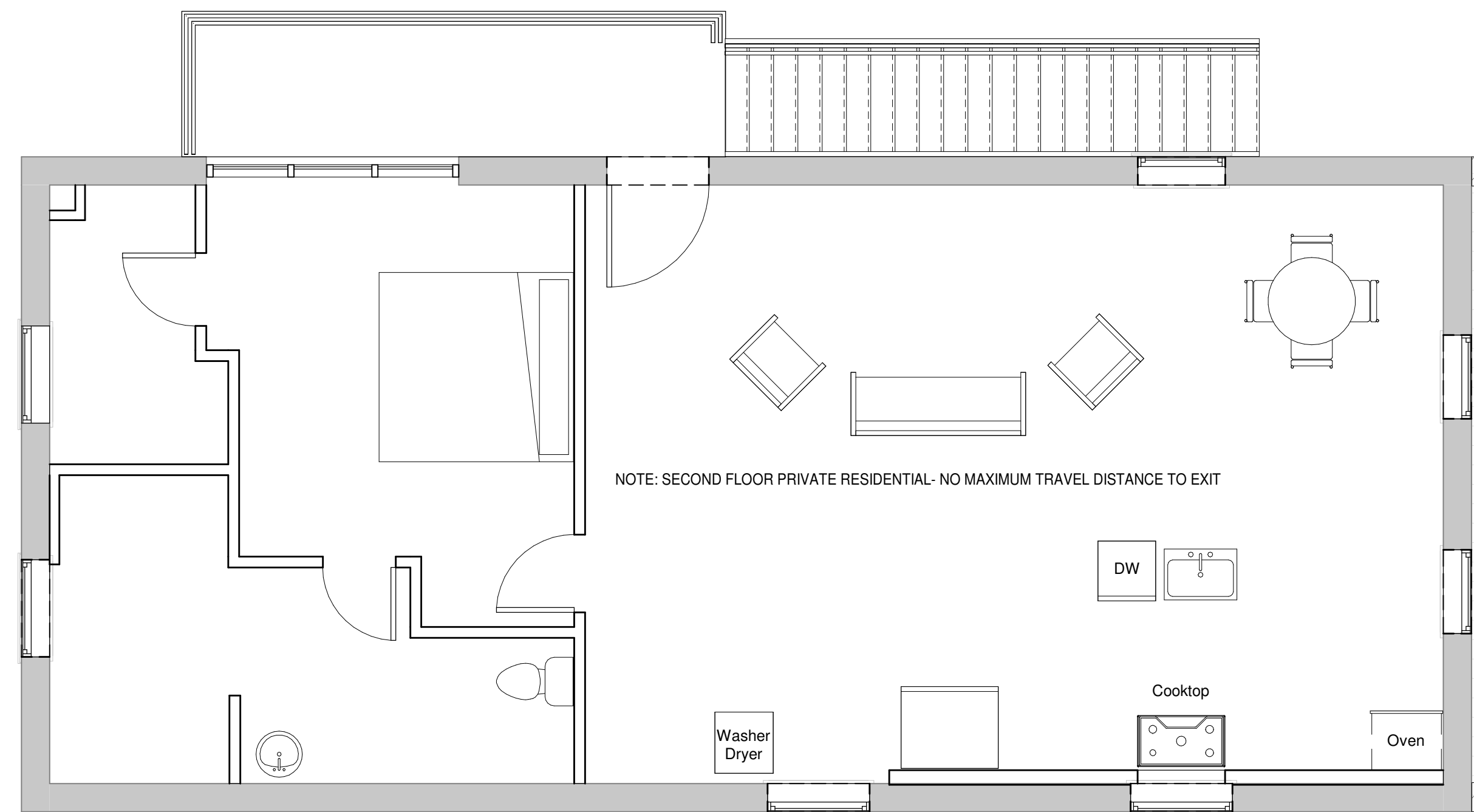
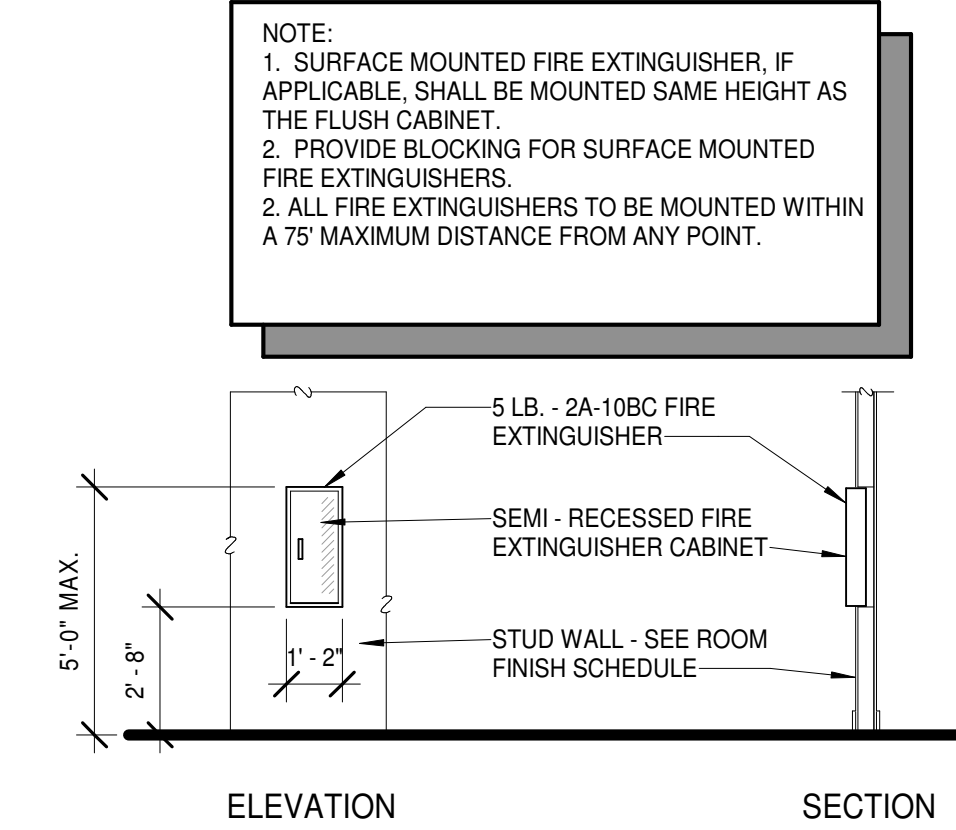
NOTE: NC BUILDING CODE - 303.1.1 SMALL BUILDINGS AND TENANT SPACES:  
A BUILDING OR TENANT SPACE USED FOR ASSEMBLY PURPOSES WITH AN  
OCCUPANT LOAD OF LESS THAN 50 PERSONS SHALL BE CLASSIFIED AS A  
GROUP B OCCUPANCY.



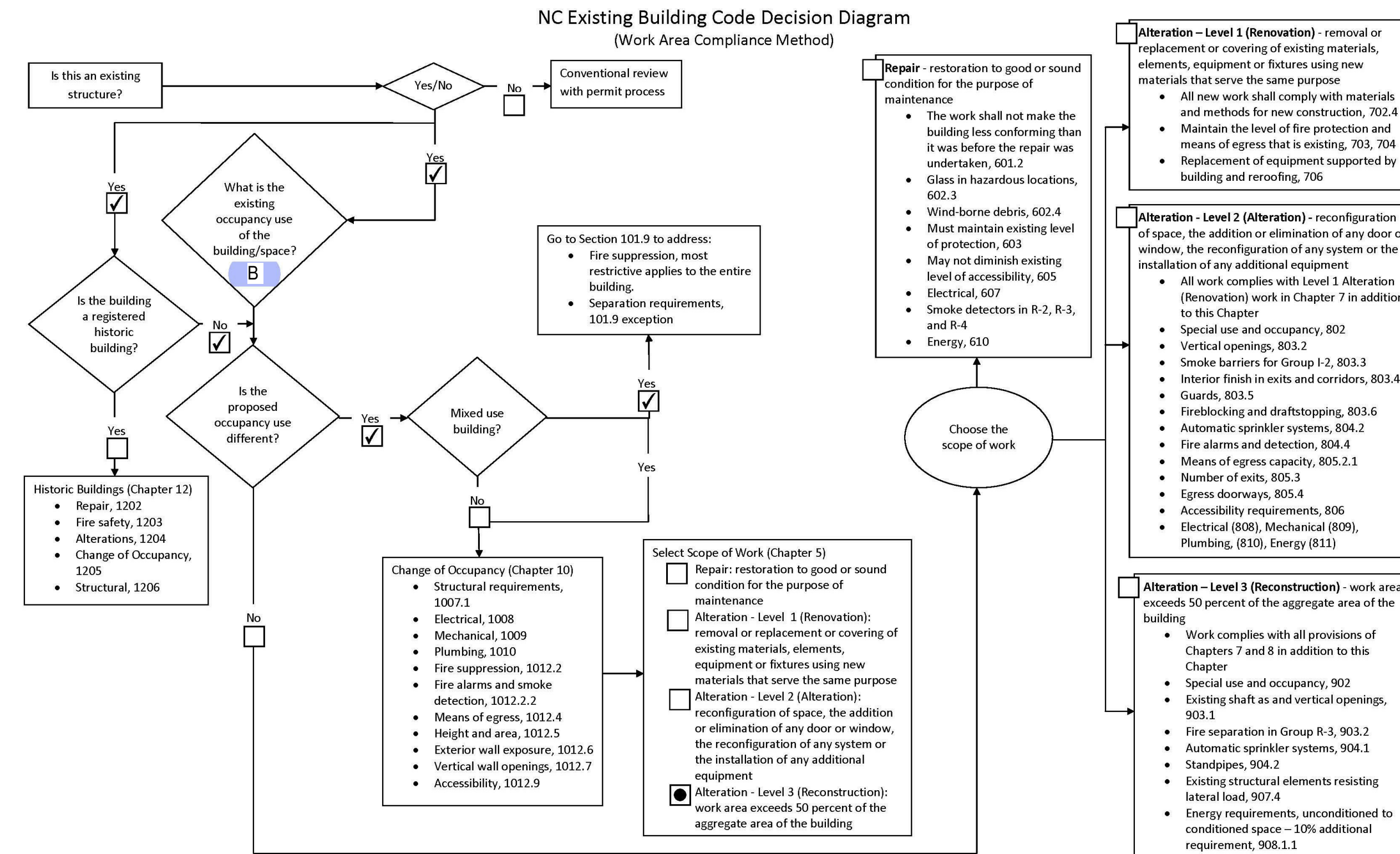
Floor, Room or Space	MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE (Feet)	
	Required (Table - 1006.3.1)	Shown on Plans	Allowable Travel Distance (Table - 1017.2)	Actual Travel Distance Shown on Plans
LEVEL 1	1	1	75'	52'

**Notes**

- Corridor dead ends (Section 1020.4)
- Building with single exits (Tables 1006.2.1). Spaces with one means of egress (Table - 1009.1)
- Exit access travel distance (Section 1017.2)



5 SECOND FLOOR LIFE SAFETY PLAN  
1/4" = 1'-0"



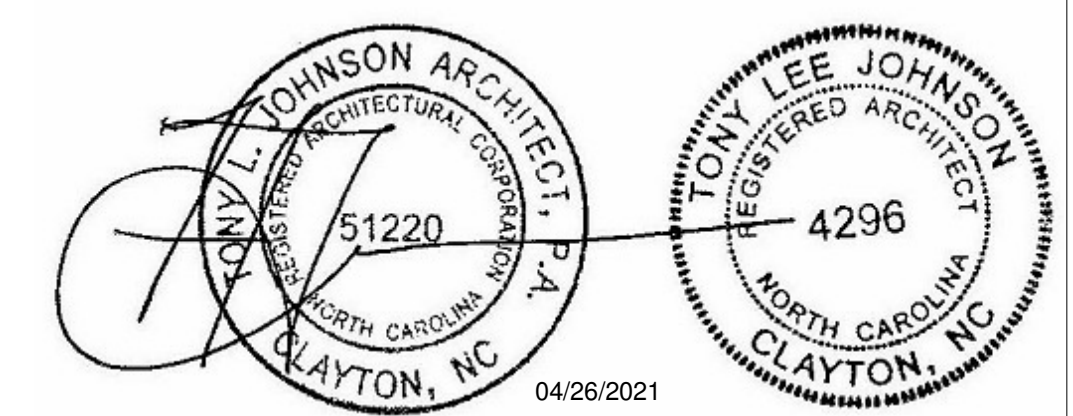
REVISIONS	
NUMBER	DATE

31 WEST FRONT BUILDING  
RENOVATION  
31 WEST FRONT STREET, LILLINGTON, NC

919-550-7717  
Tony@TonyJohnsonArchitect.com  
104 North Lumbard St  
Clayton, NC 27520  
TonyJohnsonArchitect.com



ISSUE DATE	04/26/2021
PROJECT #	2020-137
LIFE SAFETY PLAN	
SHEET	A-0.2





# UL-L501 CONTINUED

11/24/2020 BXUVL501 | UL Product IQ  
**Mixture\*** — Min 1 in. thickness of floor topping mixture having a min compressive strength of 4500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.  
**SIKA DEUTSCHLAND GMBH** — Type SCHONOK AP Rapid Plus

## System No. 21

**Subflooring - Building Units\*** — Nom 1 1/2 in. thick T & G laminated composite plywood sub-floor panels to be perpendicular to the trusses with end joints staggered 4 ft. End joints centered over top chord of trusses. Subfloor panels secured to trusses with construction adhesive and #8 by 3 in. wood screws spaced 12 in. OC in the field and 6 in. OC at the end joints.  
**RSP INDUSTRIES INC** — SAP board

## System No. 22

**Subflooring** — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick plywood or min 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C, D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

**Vapor Barrier** — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

**Vapor Barrier** — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

**Finish Flooring - Floor Topping Mixture\*** — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

**Floor Mat Materials\*** — (Optional, Not Shown) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.  
**LOW & BONAR INC** — Enkasonic® by Colbond a member of the Low & Bonar group Types 125, 250, 250 Plus, 400, 400 Plus, 750, and 750 Plus.

**Floor Mat Reinforcement** — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

**Metal Lath** — (Optional) — Expanded steel diamond mesh, 2.5 lb / sq yd loose laid over floor mat material.

**Fiberglass Mesh Reinforcement** — (Optional) — Coated non-woven glass fiber mesh grid loose laid over floor mat material.

2. **Wood Joists** — Min 2 by 10, spaced 16 in. OC and effectively fireblocked in accordance with local codes.

3. **Cross Bridging** — Min 1 by 3 in. or min 2 by 10 solid blocking.

<https://iq.ulprospector.com/en/profile?e=14256> 10/14

11/24/2020 BXUVL501 | UL Product IQ  
**3A. Horizontal Bridging** — Used in lieu of Item 3 in same joist bay as ceiling damper (Item 4), when ceiling damper is employed. Wood 2 by 4 in. secured between joists with nails.  
**4. Ceiling Damper\*** — (Optional) — Max nom area shall be 198 sq in. Max rectangular size shall be 12 in. wide by 16 1/2 in. long. Max height of damper shall be 9 3/8 in. Aggregate damper openings shall not exceed 99 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturer's installation instructions provided with the damper. A steel grille (Item 7) shall be installed in accordance with installation instructions.  
**AIR BALANCE INC** — Type 299 (See Item 5A)

**AIR KING VENTILATION PRODUCTS** — Series FRAS, Series FRAK, Series FRAKV

**CENTRAL VENTILATION SYSTEMS CO L L C** — Models C, S/R, HC(A), C, RD, HC(A)

**GREENHECK FAN CORP** — Model CRD-1W

**METAL-FAB INC** — Models MSCDHC, MRCDHC

**METAL INDUSTRIES INC** — Models CD, S/R, HC, CD, S/R, HC-A, CD, RD, HC, CD, RD, HC-A

**NCA MFG INC** — Models CD, S/R, HC, CD, S/R, HC-A, CD, RD, HC, CD, RD, HC-A

**BRISK MFG INC** — Model BMJ 50 CRD, S/R, WT

**PRICE INDUSTRIES LTD** — Models CD, S/R, HC, CD, RD, HC

**RUSKIN COMPANY** — Model CFD7

**UNITED ENERTECH CORP** — Models C, S/R, HC(A), C, RD, HC(A)

5. **Gypsum Board\*** — Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1-7/8 in. long, 6d cement coated nails spaced 6 in. OC.  
**AMERICAN GYPSUM CO** — Types AGX-1, AG-C, LightRoc

**BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO** — Type DBX-1

**CABOT MANUFACTURING ULC** — Type X, S/8 Type X, Type Blueglass Exterior Sheathing

<https://iq.ulprospector.com/en/profile?e=14256> 11/14

11/24/2020 BXUVL501 | UL Product IQ  
**CERTAINTEED GYPSUM INC** — Type C, Type X, Type X-1  
**CGC INC** — Types C, IP-X1, IP-X2, IPC-AR, SCX, WRX  
**CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C** — Types LGFCSA, LGFC-C/A

**GEORGIA-PACIFIC GYPSUM L L C** — Types 5, 9, C, GPF51, GPF56, DA, DAP, DAPC, DGS, DS, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type X, Soffit-Type X, TG-C, GreenGlas Type X, Type LWX (finish rating 22 min), Veneer Plaster Base-Type LWX (finish rating 22 min), Water Rated-Type LWX (finish rating 22 min), Sheathing Type LWX (finish rating 22 min), Soffit-Type LWX (finish rating 22 min), Type LWX (finish rating 20 min), Type LWX (finish rating 20 min), Veneer Plaster Base-Type LWX (finish rating 20 min), Water Rated-Type LWX (finish rating 20 min), Sheathing-Type LWX (finish rating 20 min), Soffit-Type LWX (finish rating 20 min)

**NATIONAL GYPSUM CO** — eXP-C, FSX-C, FSX-G, FSL, FSLR-C, FSW-2, FSW-3, FSW-C, FSW-G, FSW-8

**NATIONAL GYPSUM CO** — Riyadh, Saudi Arabia — Type FR or WR.

**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** — Types C, PG-3, PG-4, PG-5, PG-6, PG-9, PG-C, PG-11, PGG-WRS (Finish Rating 21 minutes), Type PGI (Finish Rating 26 minutes)

**PANEL REY S A** — Types PRC, PRC2

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** — Type EX-1

**THAI GYPSUM PRODUCTS PCL** — Type C, Type X

**UNITED STATES GYPSUM CO** — Types C, IP-X1, IP-X2, IPC-AR, SCX, WRX

**USG BORAL DRYWALL SFZ LLC** — Types C, SCX

**USG MEXICO S A DE C V** — Types C, IP-X1, IP-X2, IPC-AR, SCX, WRX

5A. **Gypsum Board\*** — (Finish Rating - 16 min.) Required when Air Balance Inc. Type 299 ceiling damper (Item 4) is installed. Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1-7/8 in. long, 6d cement coated nails spaced 6 in. OC with the first nails located 1/2 in. and 3 in. from the board edges.  
**UNITED STATES GYPSUM CO** — Type C

<https://iq.ulprospector.com/en/profile?e=14256> 12/14

11/24/2020 BXUVL501 | UL Product IQ  
**USG BORAL DRYWALL SFZ LLC** — Types C, SCX  
**USG MEXICO S A DE C V** — Type C

5B. **Gypsum Board\*** — Nom 3/4 in. thick, 48 in. wide gypsum board, installed as described in Item 5 with nails length increased to 2 in.  
**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** — Type PG-13

5C. **Gypsum Board\* (As an alternative to Item 5)** — Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1 in. long Type S screws spaced 6 in. OC.  
**UNITED STATES GYPSUM CO** — ULIX

5D. **Gypsum Board\* (As an alternative to Item 5A)** — Required when Air Balance Inc. Type 299 ceiling damper (Item 4) is installed. Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1-7/8 in. long Type S screws spaced 6 in. OC with the first screws located 1/2 in. and 3 in. from the board edges.  
**UNITED STATES GYPSUM CO** — ULIX

6. **Finishing System** — (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

7. **Grille** — Steel grille, installed in accordance with the installation instructions provided with the ceiling damper.

8. **Steel Corner Fasteners** — (Optional, Not Shown) — Used to attach ends of gypsum board at wall intersection where joists run parallel to wall. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galvanized steel. Fasteners nailed to face of wall bearing plate through fastener tab with one No. 6d cement coated nail, spaced not greater than 16 in. OC and 2 in. from edge of gypsum board. Fasteners covered with gypsum board facing applied to intersecting wall.

9. **Discrete Products Installed in Air-handling Spaces\*** — Automatic Balancing Valve/Damper — (Not Shown - Optional) — For use with Item 4, Ruskin Company's Model CFD7 damper (CABS). Ceiling damper to be provided with plenum box per damper manufacturer's instructions with side outlet only. Entire assembly to be installed into any UL Class 0 or Class 1 flexible air duct. In accordance with the instructions provided by the automatic balancing valve/damper manufacturer.  
**METAL INDUSTRIES INC** — Model ABV-4, ABV-5, ABV-6

**\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

<https://iq.ulprospector.com/en/profile?e=14256> 13/14

11/24/2020 BXUVL501 | UL Product IQ [Last Updated on 2020-08-31](#)  
 The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.  
 UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructors, Designs, Systems, and/or Certifications files must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings); 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"

REVISIONS	
NUMBER	DATE

31 WEST FRONT BUILDING  
 RENOVATION  
 31 WEST FRONT STREET, LILLINGTON, NC

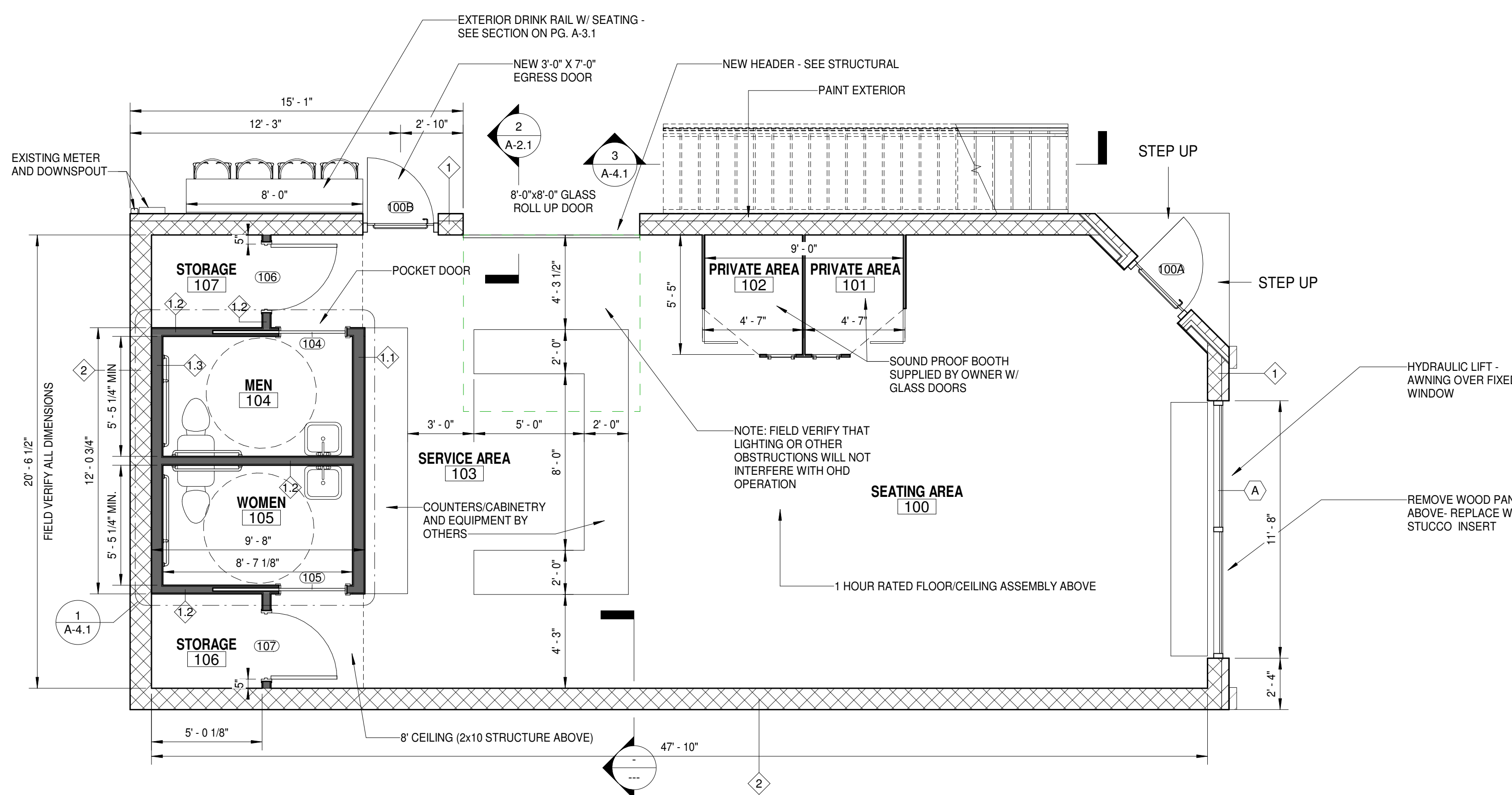
919-550-7717  
 Tony@TonyJohnsonArchitect.com  
 104 North Lumbard St  
 Clayton, NC 27520  
 TonyJohnsonArchitect.com



ISSUE DATE	04/26/2021
PROJECT #	2020-137
UL DETAIL	
SHEET	A-0.4



REVISIONS	
NUMBER	DATE
1	1/14/2021

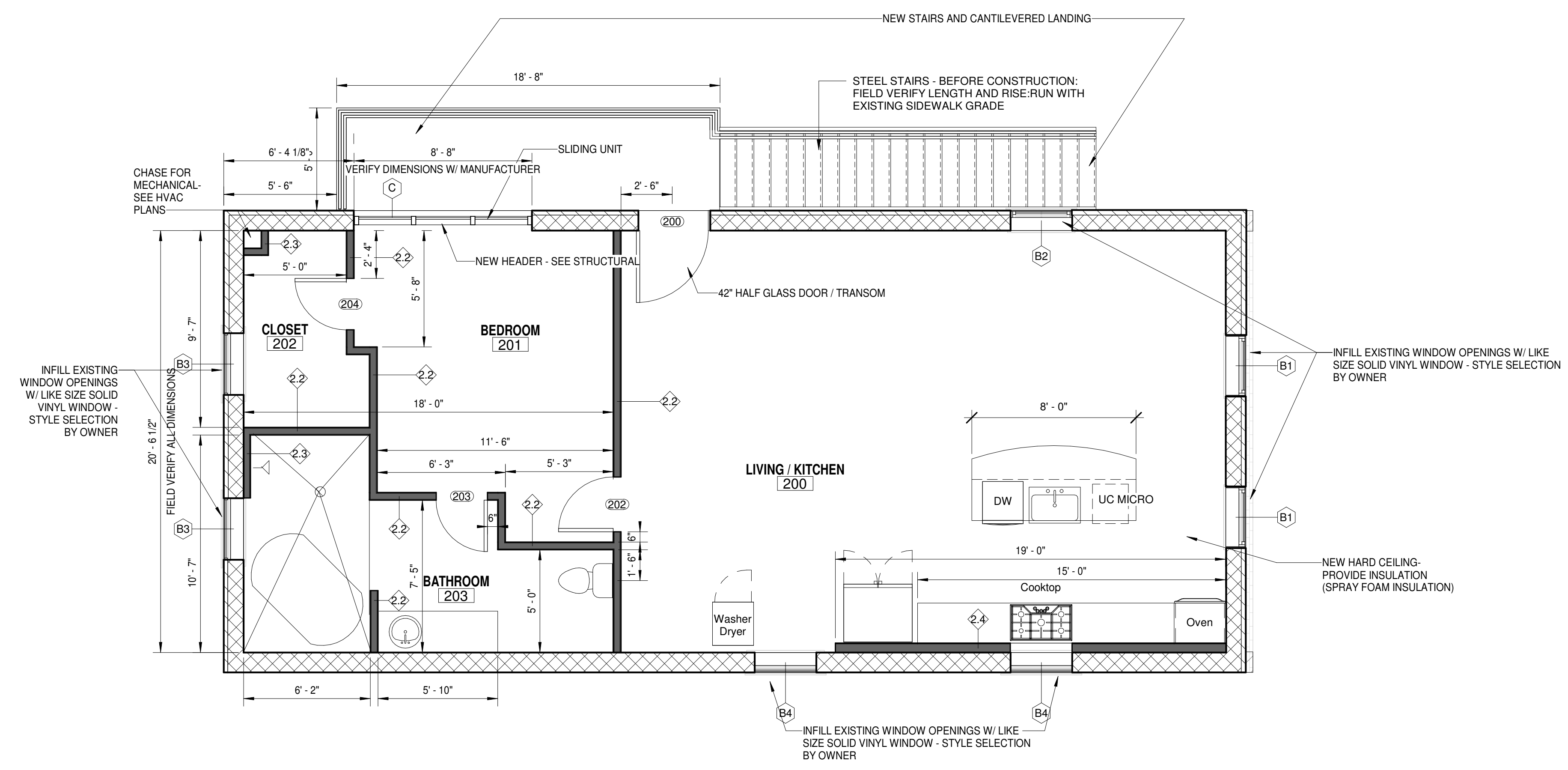


1 FIRST FLOOR PLAN  
1/4" = 1'-0"

### WALL TYPES

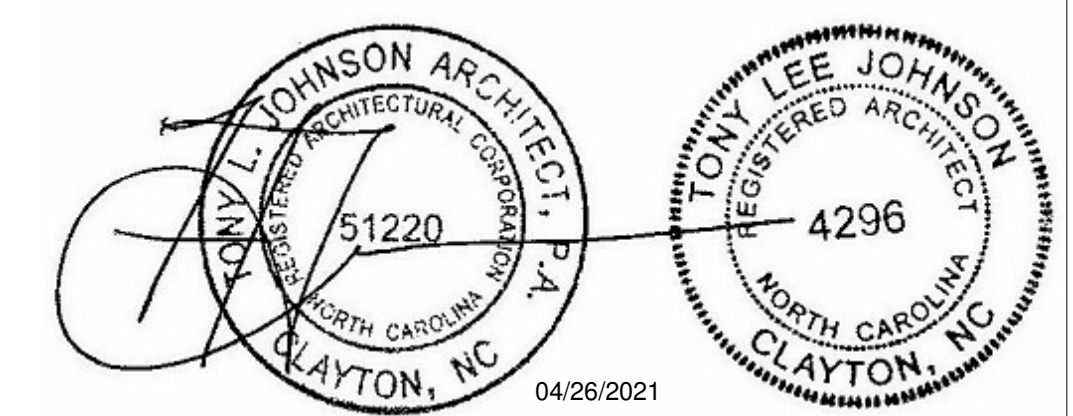
	0.1	EXISTING EXTERIOR BRICK VENEER WALL - SEE DEMOLITION, FLOOR PLAN, AND ELEVATIONS FOR LOCATIONS OF NEW FENESTRATION OR INFILL OF EXISTING OPENINGS. SEE STRUCTURAL FOR LINTELS AS REQUIRED AT NEW OPENINGS. MATCH EXISTING AT INFILLED OPENINGS.
	0.2	EXISTING EXTERIOR BRICK VENEER WALL - SEE DEMOLITION, FLOOR PLAN, AND ELEVATIONS FOR LOCATIONS OF NEW FENESTRATION OR INFILL OF EXISTING OPENINGS. SEE STRUCTURAL FOR LINTELS AS REQUIRED AT NEW OPENINGS. MATCH EXISTING AT INFILLED OPENINGS.
	1.1	INTERIOR - 2x6 WOOD STUDS @ 16" OC TO CEILING. 5/8" GYPSUM WALL BOARD BOTH SIDES. SOUND BATT INSULATION.
	1.2	INTERIOR - 2x4 WOOD STUDS @ 16" OC TO CEILING. 5/8" GYPSUM WALL BOARD BOTH SIDES. SOUND BATT INSULATION.
	1.3	INTERIOR - 2x6 TREATED WOOD STUD FURRING @ 16" OC OVER EXISTING CMU TO CEILING. 5/8" GYPSUM WALL BOARD INSIDE FACE, BATT INSULATION.
	2.1	INTERIOR - 2x6 WOOD STUDS @ 16" OC TO CEILING. 1/2" GYPSUM WALL BOARD BOTH SIDES. SOUND BATT INSULATION.
	2.2	INTERIOR - 2x4 STUDS @ 16" OC TO CEILING. 1/2" GYPSUM WALL BOARD BOTH SIDES. SOUND BATT INSULATION.
	2.3	INTERIOR - 2x4 TREATED WOOD STUD FURRING @ 16" OC OVER EXISTING CMU TO CEILING. 1/2" GYPSUM WALL BOARD INSIDE FACE, BATT INSULATION.
	2.4	INTERIOR - 2x6 TREATED WOOD STUD FURRING @ 16" OC OVER EXISTING CMU TO CEILING. 1/2" GYPSUM WALL BOARD INSIDE FACE, BATT INSULATION.

WALL LEGEND  
1/4" = 1'-0"



2 SECOND FLOOR PLAN  
1/4" = 1'-0"

NOTE: ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION - CONTACT ARCHITECT IF ANY VARIATIONS ARE FOUND



31 WEST FRONT BUILDING  
RENOVATION  
31 WEST FRONT STREET, LILLINGTON, NC

919-550-7717  
Tony@TonyJohnsonArchitect.com  
104 North Lombard St  
Clayton, NC 27520  
TonyJohnsonArchitect.com



ISSUE DATE	04/26/2021
PROJECT #	2020-137
FLOOR PLANS	
SHEET	

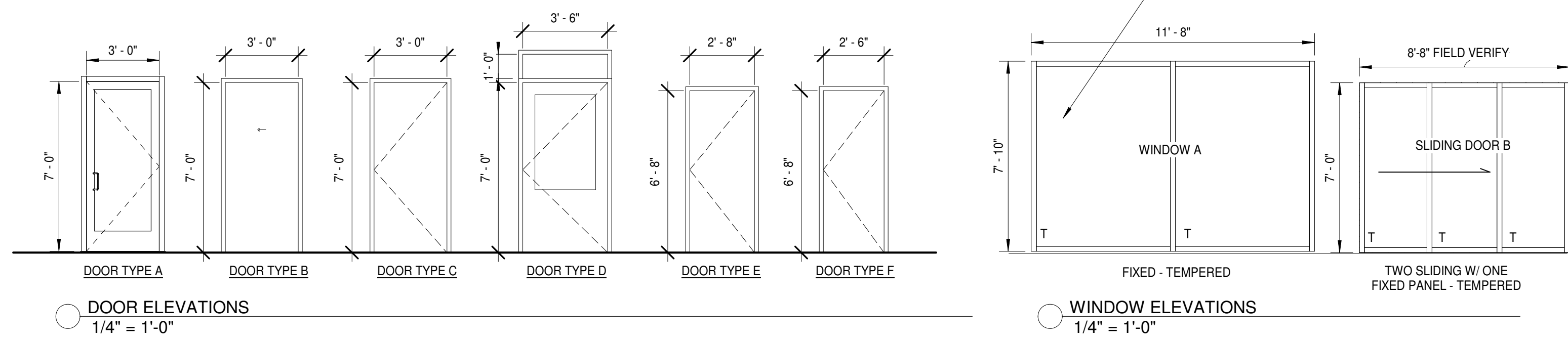
A-1.1

### DOOR SCHEDULE

MARK	WIDTH	HEIGHT	ELEVATION	DESCRIPTION	DOOR			CLOSER	HARDWARE	FIRE RATING	COMMENTS
					FINISH	FRAME	FRAME FINISH				
100A	3'-0"	7'-0"	A	STOREFRONT	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	YES	PUSH/PULL		
100B	3'-0"	7'-0"	A	STOREFRONT	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	YES	PUSH/PULL		
100C	8'-0"	8'-0"	--	OHD	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	---		
104	3'-0"	7'-0"	B	POCKET DOOR	SOLID CORE WOOD	SELECTION BY OWNER	SELECTION BY OWNER	NO	ACCESSIBLE POCKET DOOR - SEE SHEET A-4		POCKET DOOR MUST BE SOLID CORE WOOD
105	3'-0"	7'-0"	B	POCKET DOOR	SOLID CORE WOOD	SELECTION BY OWNER	SELECTION BY OWNER	NO	ACCESSIBLE POCKET DOOR - SEE SHEET A-4		POCKET DOOR MUST BE SOLID CORE WOOD
106	3'-0"	7'-0"	C		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	LEVER HANDLE		
107	3'-0"	7'-0"	C		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	LEVER HANDLE		
200	3'-6"	7'-0"	D		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	SELECTION BY OWNER		
202	2'-8"	6'-8"	E		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	SELECTION BY OWNER		
203	2'-6"	6'-8"	F		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	SELECTION BY OWNER		
204	2'-6"	6'-8"	F		SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	NO	SELECTION BY OWNER		

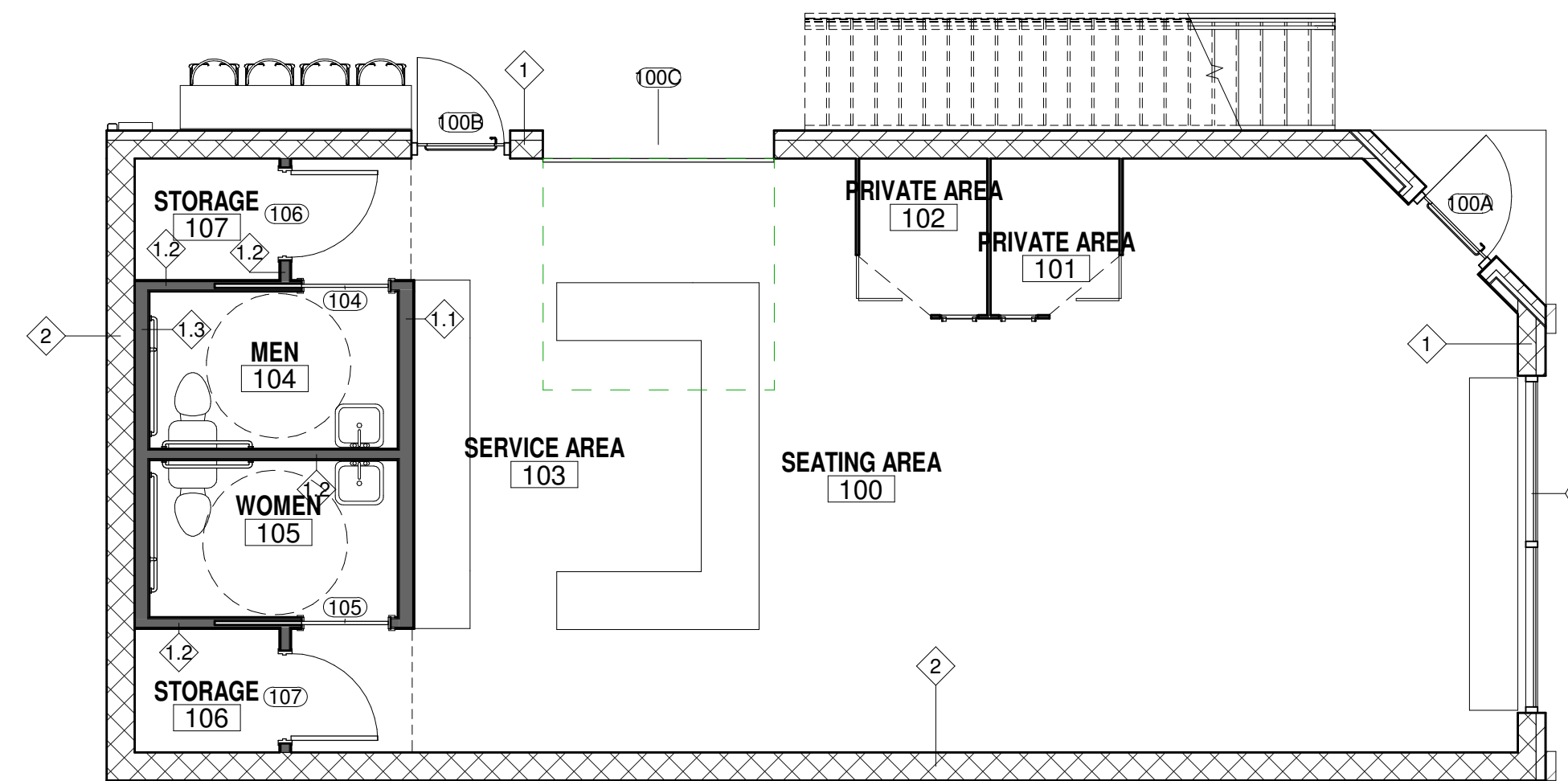
DOOR NOTES:  
SEE PLAN FOR HANDLING OF DOORS.

FRAME NOTES:  
HOLLOW METAL FRAMES TO BE WELDED.  
SEE PLAN AND FIELD VERIFY WALL THICKNESS FOR EACH FRAME.

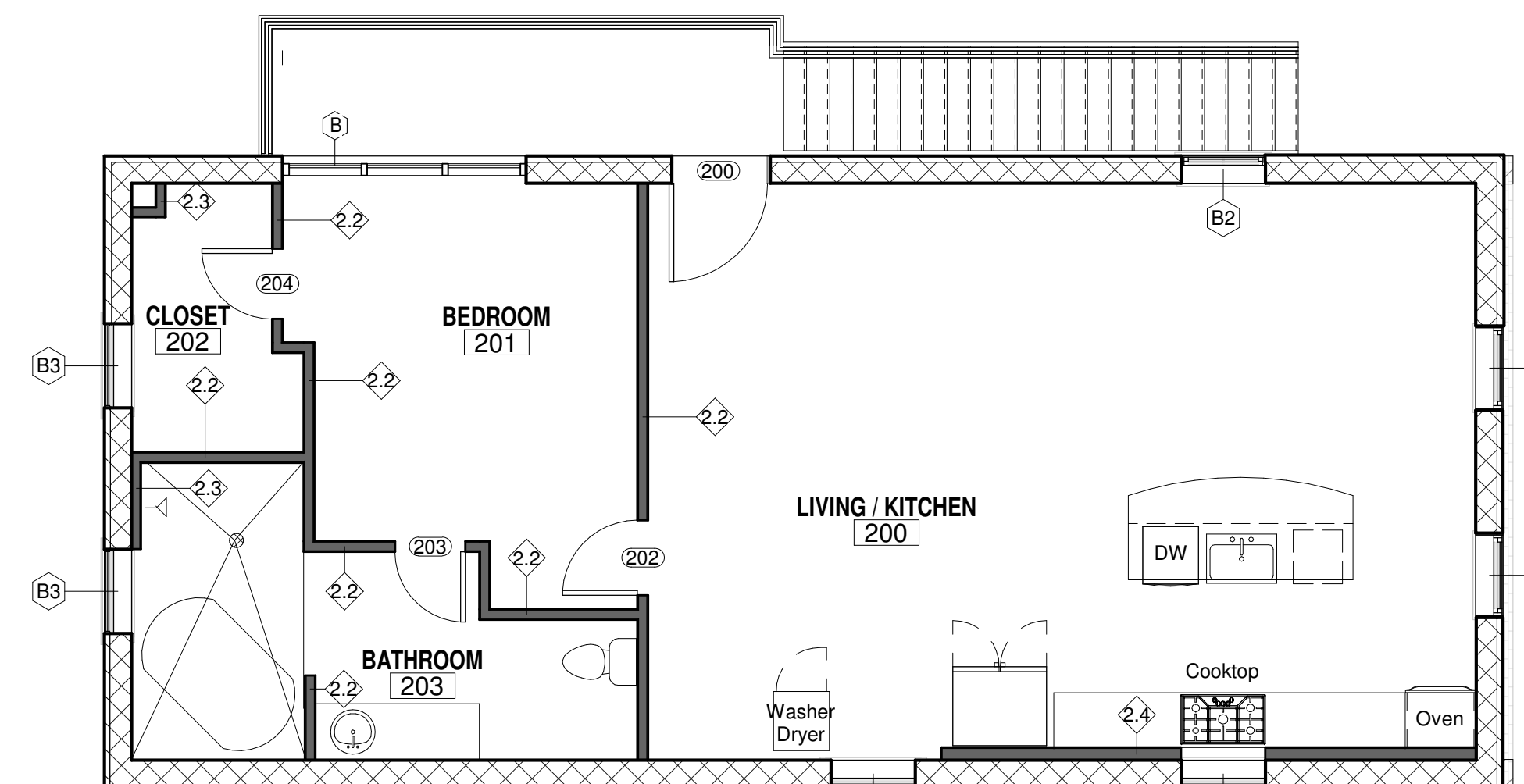


DOOR ELEVATIONS  
1/4" = 1'-0"

WINDOW ELEVATIONS  
1/4" = 1'-0"



4 FIRST FLOOR PLAN-LEGEND  
3/16" = 1'-0"



5 SECOND FLOOR PLAN LEGEND  
3/16" = 1'-0"

### FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENTS
100	SEATING AREA	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
101	PRIVATE AREA	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
102	PRIVATE AREA	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
103	SERVICE AREA	SELECTION BY OWNER	SELECTION BY OWNER	FRP	PAINT	EXISTING	
104	MEN	SELECTION BY OWNER	SELECTION BY OWNER	EPOXY PAINT	PAINT	EXISTING	
105	WOMEN	SELECTION BY OWNER	SELECTION BY OWNER	EPOXY PAINT	PAINT	EXISTING	
106	STORAGE	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
107	STORAGE	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
200	LIVING / KITCHEN	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	EXISTING	
201	BEDROOM	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	EXISTING	
203	BATHROOM	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	EXISTING	
202	CLOSET	SELECTION BY OWNER	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	EXISTING	

FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO ORDERING OR FABRICATING WINDOWS

### WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	TYPE	MANUFACTURER	MATERIAL	FINISH	SILL	HEAD	Comments
A	5'-10"	7'-8"	FIXED	SELECTION BY OTHERS	ALUMINUM STOREFRONT	SELECTION BY OWNER	0'-0"	8'-8"	
B1	2'-10 1/2"	6'-3 1/2"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2'-2"	8'-5 1/2"	
B2	2'-10 1/2"	6'-3 1/2"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2'-2"	8'-5 1/2"	
B3	3'-0"	6'-3 1/2"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1'-9"	8'-0 1/2"	
B3	3'-4"	6'-7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1'-8"	8'-3"	
B3	3'-4"	6'-7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1'-8"	8'-3"	
B4	3'-6"	6'-7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2'-9 1/2"	9'-4 1/2"	
B4	3'-6"	6'-7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2'-9 1/2"	9'-4 1/2"	
C	8'-8"	7'-0"	SLIDING	SELECTION BY OTHERS	SELECTION BY OWNER	SELECTION BY OWNER	0'-0"	8'-0"	

### REVISIONS

NUMBER	DATE

31 WEST FRONT BUILDING  
RENOVATION

31 WEST FRONT STREET, LILLINGTON, NC

919-550-7717  
Tony@TonyJohnsonArchitect.com  
104 North Lombard St  
Clayton, NC 27520  
Tony.Johnson@architect.com



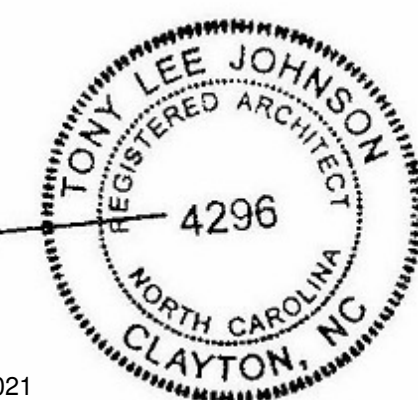
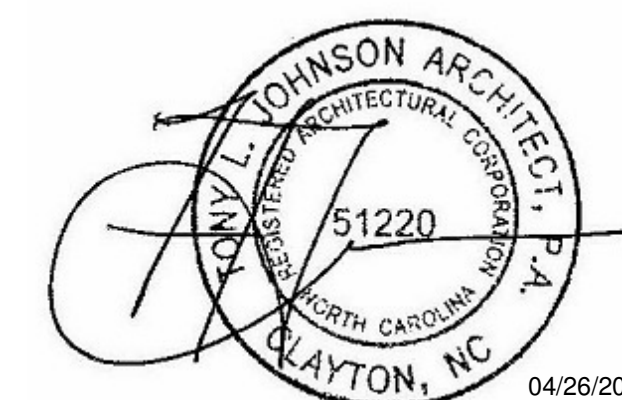
ISSUE DATE 04/26/2021

PROJECT # 2020-137

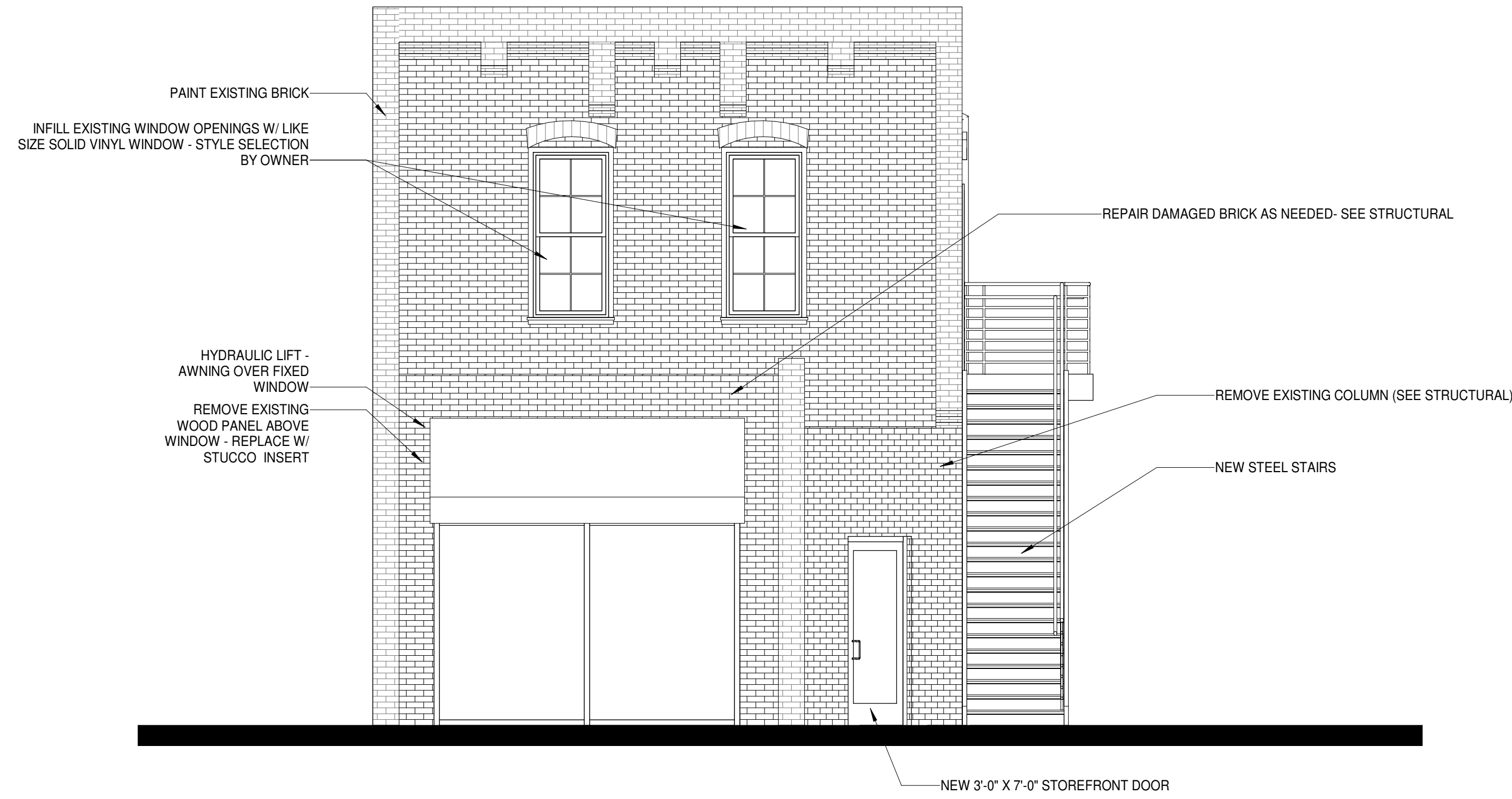
SCHEDULES

SHEET

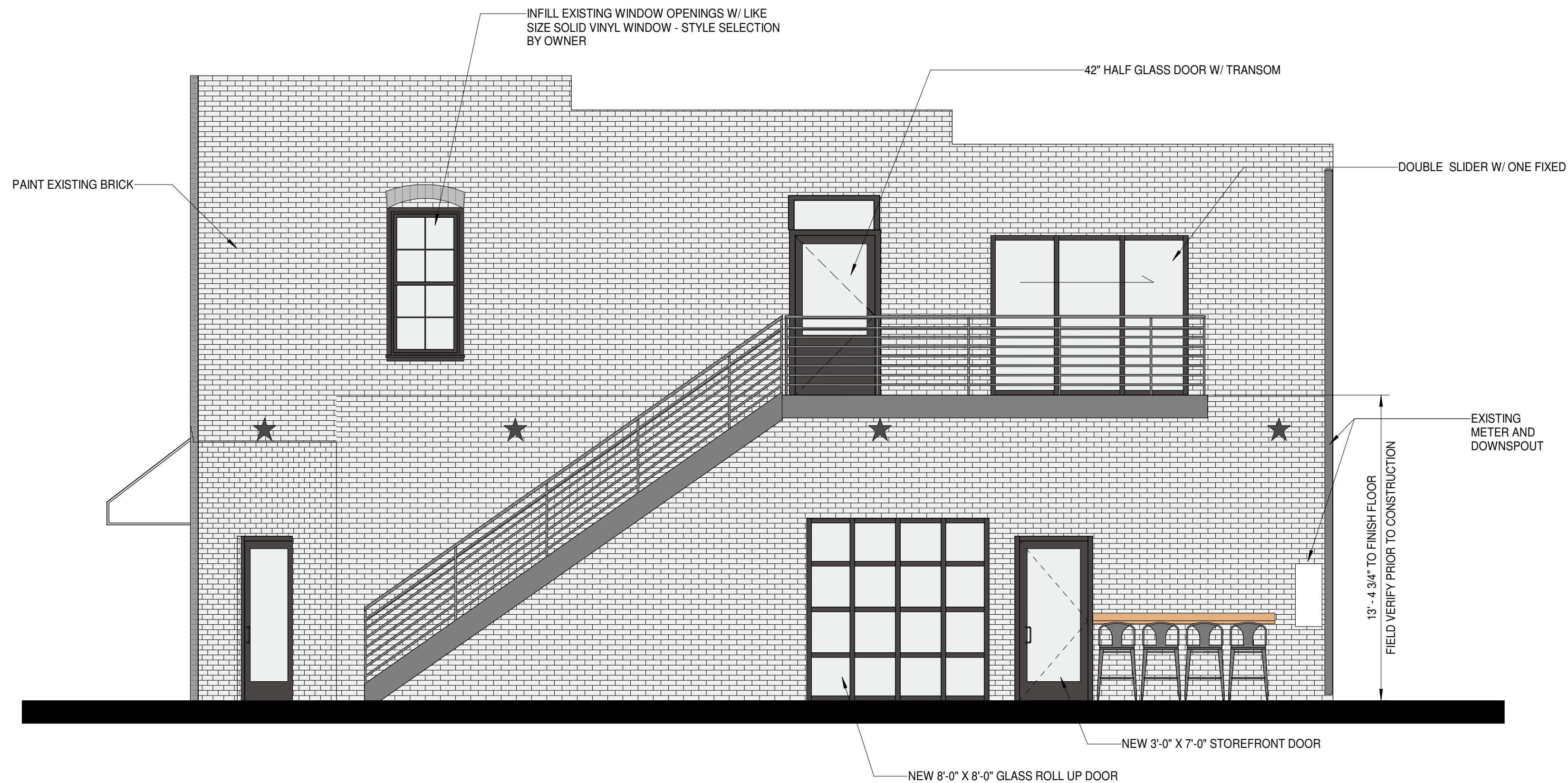
A-1.2



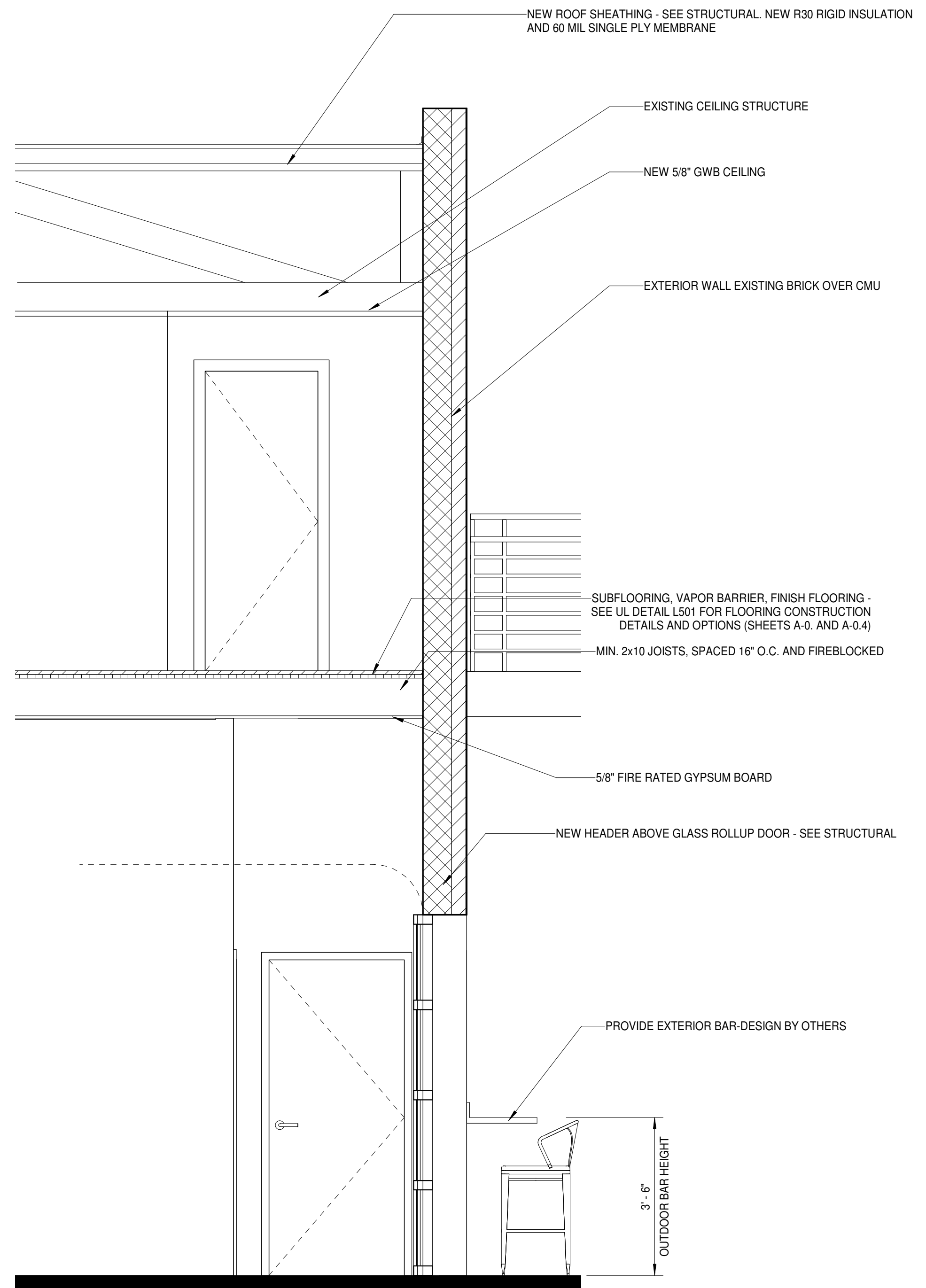
04/26/2021



① NORTH ELEVATION - FRONT STREET  
1/4" = 1'-0"



③ WEST ELEVATION - 8TH STREET  
1/4" = 1'-0"



② WALL SECTION  
1/2" = 1'-0"

REVISIONS	
NUMBER	DATE

31 WEST FRONT BUILDING  
RENOVATION

31 WEST FRONT STREET, LILLINGTON, NC

919-550-7717  
Tony@TonyJohnsonArchitect.com  
104 North Lombard St  
Clayton, NC 27520  
TonyJohnsonArchitect.com



ISSUE DATE	04/26/2021
PROJECT #	2020-137
EXTERIOR ELEVATIONS	
SHEET	

A-2.1



## Trimco 1069 Series ADA Pocket Door Pull



1069L SHOWN IN LOCKED POSITION

The Trimco 1069 Series pocket door pulls are uniquely designed to meet American with Disabilities Act (ADA) requirements for pocket door applications. With a Contemporary design and stylish black nylon handles the 1069 Series is built for the most demanding applications while remaining aesthetically pleasing. The 1069 Series is available in multiple functions and is fully customizable for most pocket door applications.

- |  |   |
|--|---|
| <b>APPLICATIONS</b>  | <b>FUNCTIONS</b>  |
| <ul style="list-style-type: none"> <li>Hospitals</li> <li>Senior Living</li> <li>Hotels &amp; Hospitality</li> <li>Schools</li> <li>Offices</li> </ul> | <ul style="list-style-type: none"> <li>1069 - Passage</li> <li>1069L - Latching (non-locking)</li> <li>1069FP - Full Privacy</li> </ul> |

### POCKET DOOR LOCKS & PULLS

#### PRODUCT FEATURES

- Complete pocket door ADA solution
- Multiple functions for different applications
- Exterior emergency access on Full Privacy
- Customizable product

#### SPECIFICATIONS

**DOORS**  
1-3/8" and 1-3/4" doors standard. Custom options available.

**FRAMES**  
Up to 7" standard. Custom options available.

**MATERIAL OPTIONS**  
BR - Brass  
BZ - Bronze  
SS - Stainless Steel

#### FINISHES

- |     |                              |
|-----|------------------------------|
| 499 | Polished Brass, No Lacquer   |
| 605 | Polished Brass               |
| 606 | Satin Brass, Dull            |
| 609 | Satin Brass and Black        |
| 610 | Satin Brass, Black Relieved  |
| 611 | Polished Bronze              |
| 612 | Satin Bronze                 |
| 613 | Oil Rubbed Bronze            |
| 616 | Satin Bronze, Black Relieved |
| 619 | Satin Nickel Plated, Clear   |
| 629 | Polished Stainless Steel     |
| 630 | Satin Stainless Steel        |

**STANDARDS**  
ANSI A117.1  
Accessibility Code  
(ADA Compliant)

**WARRANTY**  
Lifetime Mechanical & Limited Finish Warranty

**NOTES**  
Custom sizes also available for various frame sizes. Must specify handing.

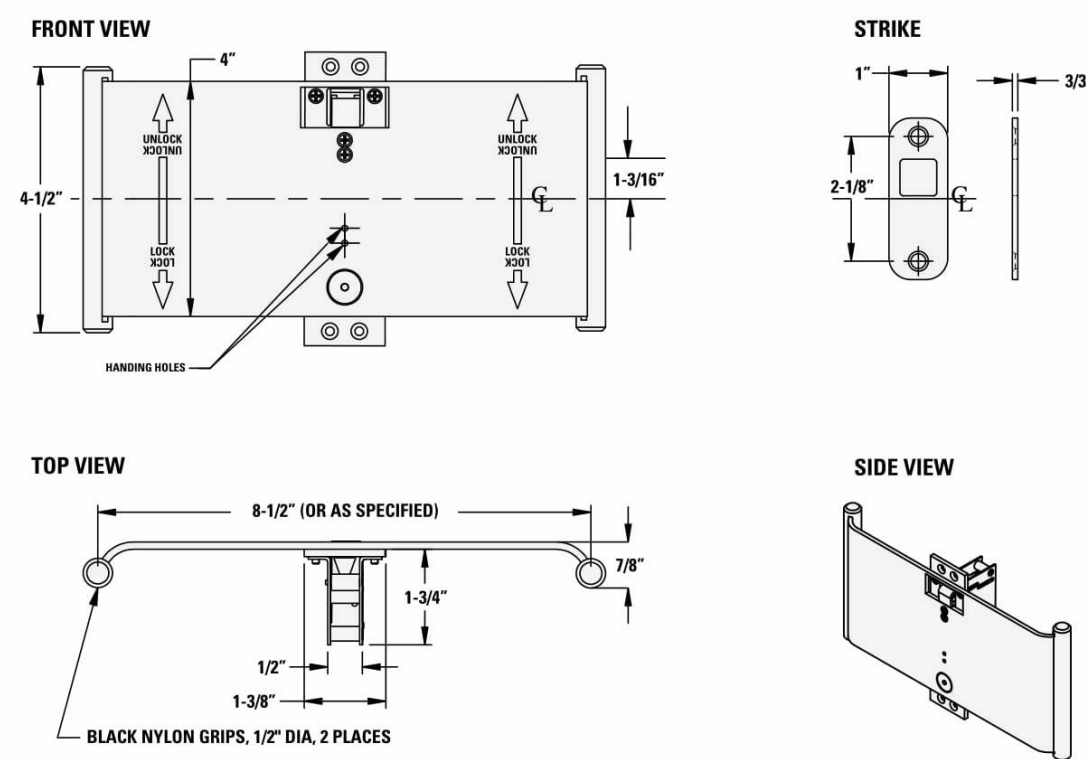
## Trimco 1069 Series ADA Pocket Door Pull

### HOW TO SPECIFY & ORDER

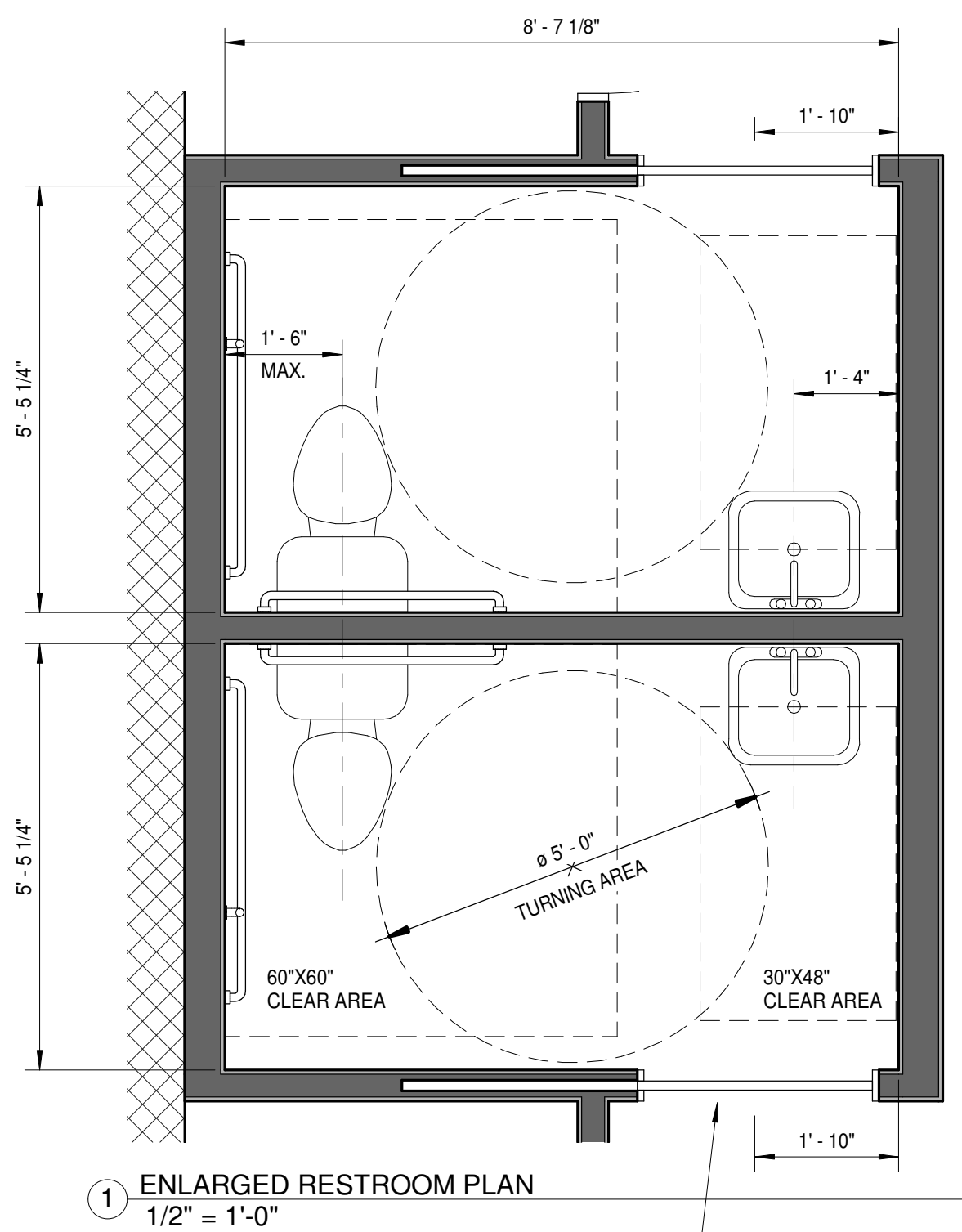
#### CHOOSE THE FOLLOWING

SERIES	OPTIONS	HANDING - FULL PRIVACY ONLY	FINISHES
<ul style="list-style-type: none"> <li>1069 Passage</li> <li>1069HA Latching (non-locking)</li> <li>1069FP Full Privacy</li> </ul>	<ul style="list-style-type: none"> <li>CUST - Custom Size / Application</li> </ul>	<ul style="list-style-type: none"> <li>RH - Right Hand</li> <li>LH - Left Hand</li> </ul>	<ul style="list-style-type: none"> <li>605 Polished Brass</li> <li>613 Oil Rubbed Bronze</li> <li>630 Satin Stainless Steel</li> <li>SPEC - Special Finish (See finish list for all options)</li> </ul>

**EXAMPLE**  
For a right hand ADA full privacy locking pocket door pull in stainless steel, specify or order: 1069FP RH 630

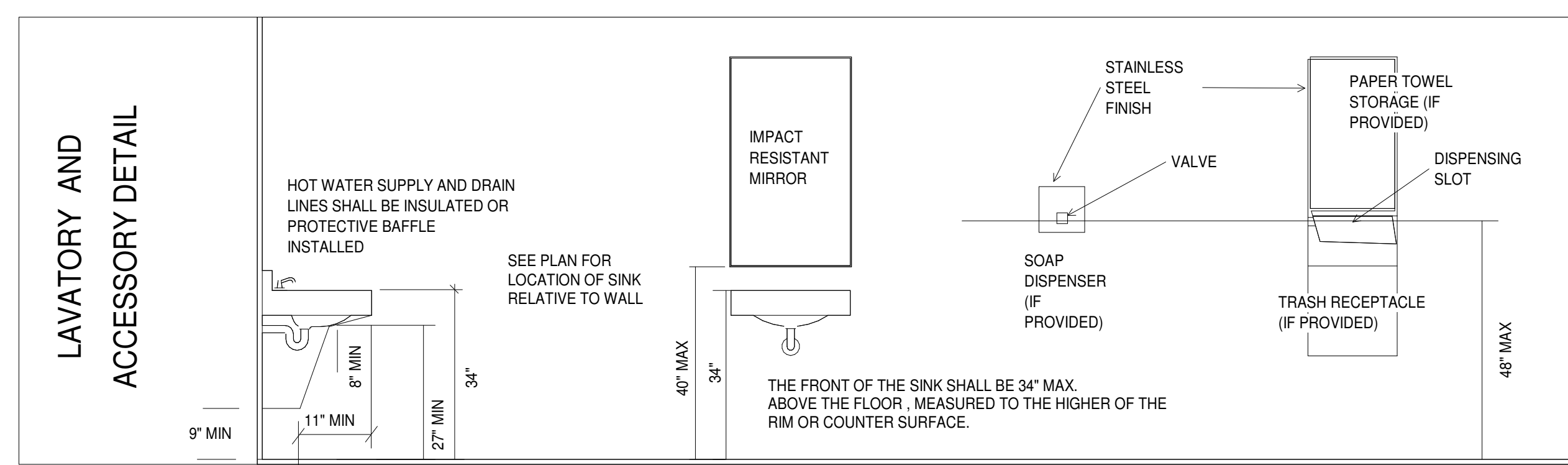


\*Dimensions are informational only. Templates are available at www.trimcobhv.com

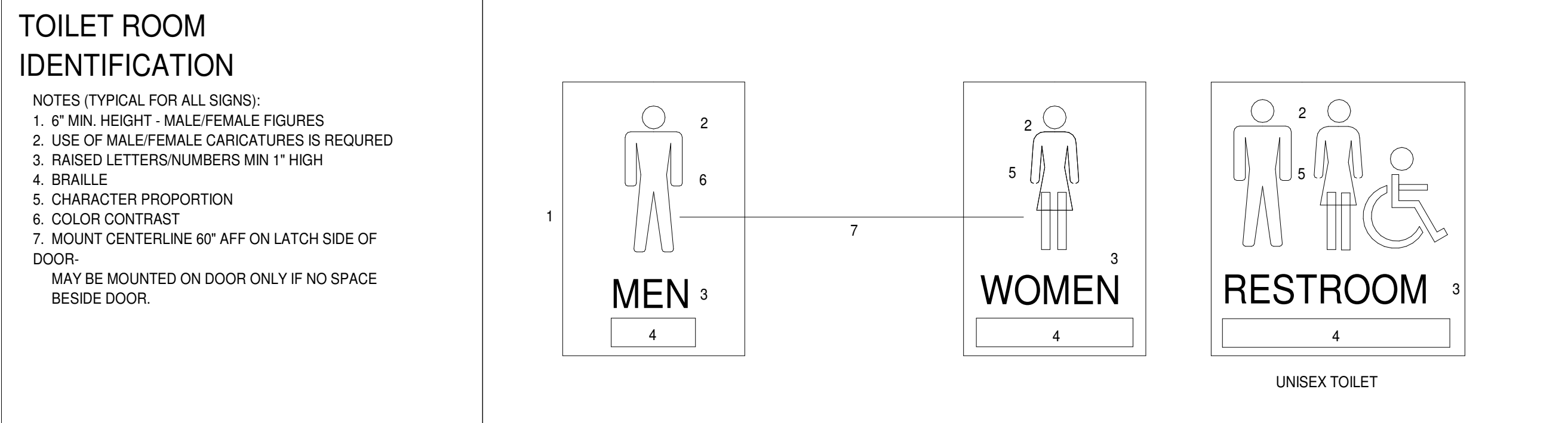


1 ENLARGED RESTROOM PLAN  
1/2" = 1'-0"

SOLID CORE WOOD POCKET DOOR REQUIRES ADA COMPLIANT HARDWARE. SEE SPEC SHEET BELOW

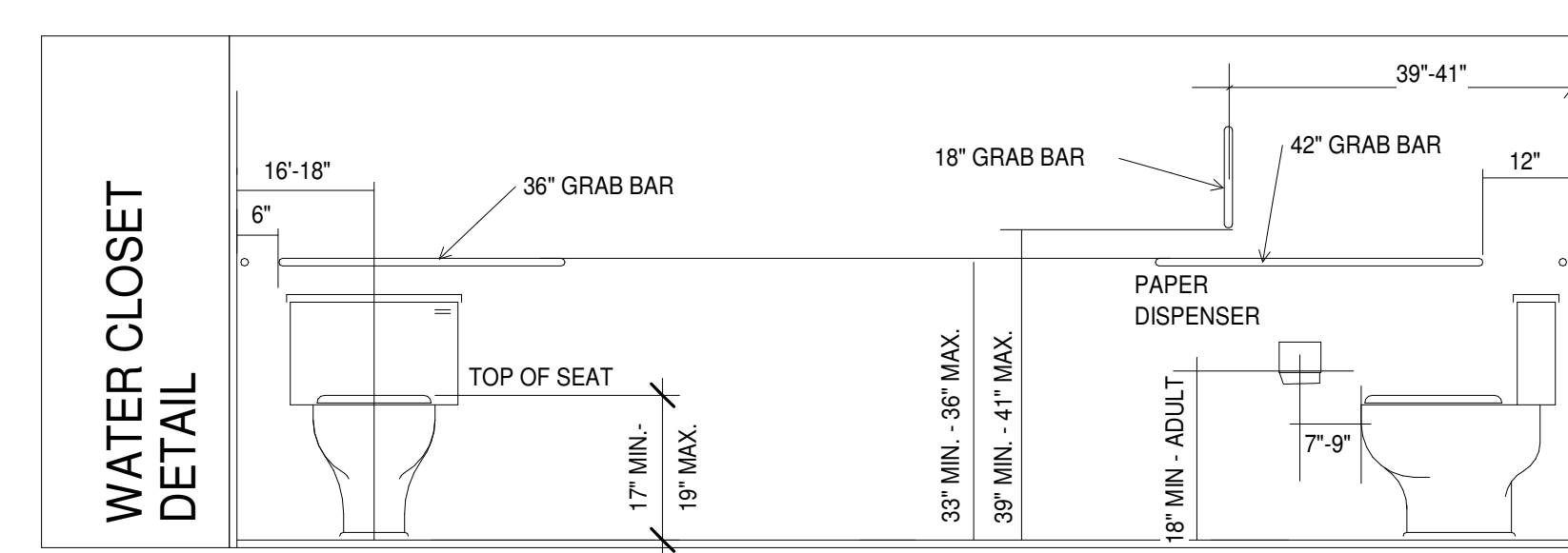


2 LAVATORY AND ACCESSORY DETAIL  
12" = 1'-0"

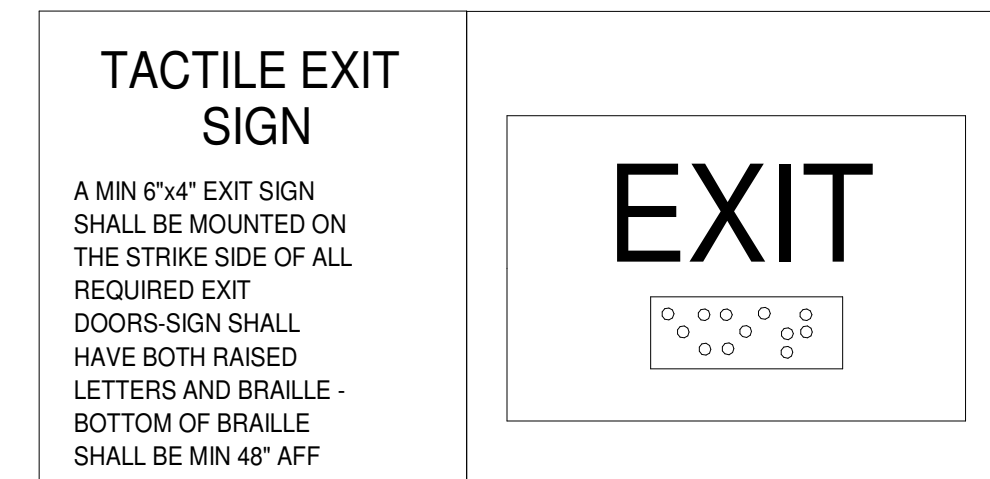


5 TOILET ROOM IDENTIFICATION  
12" = 1'-0"

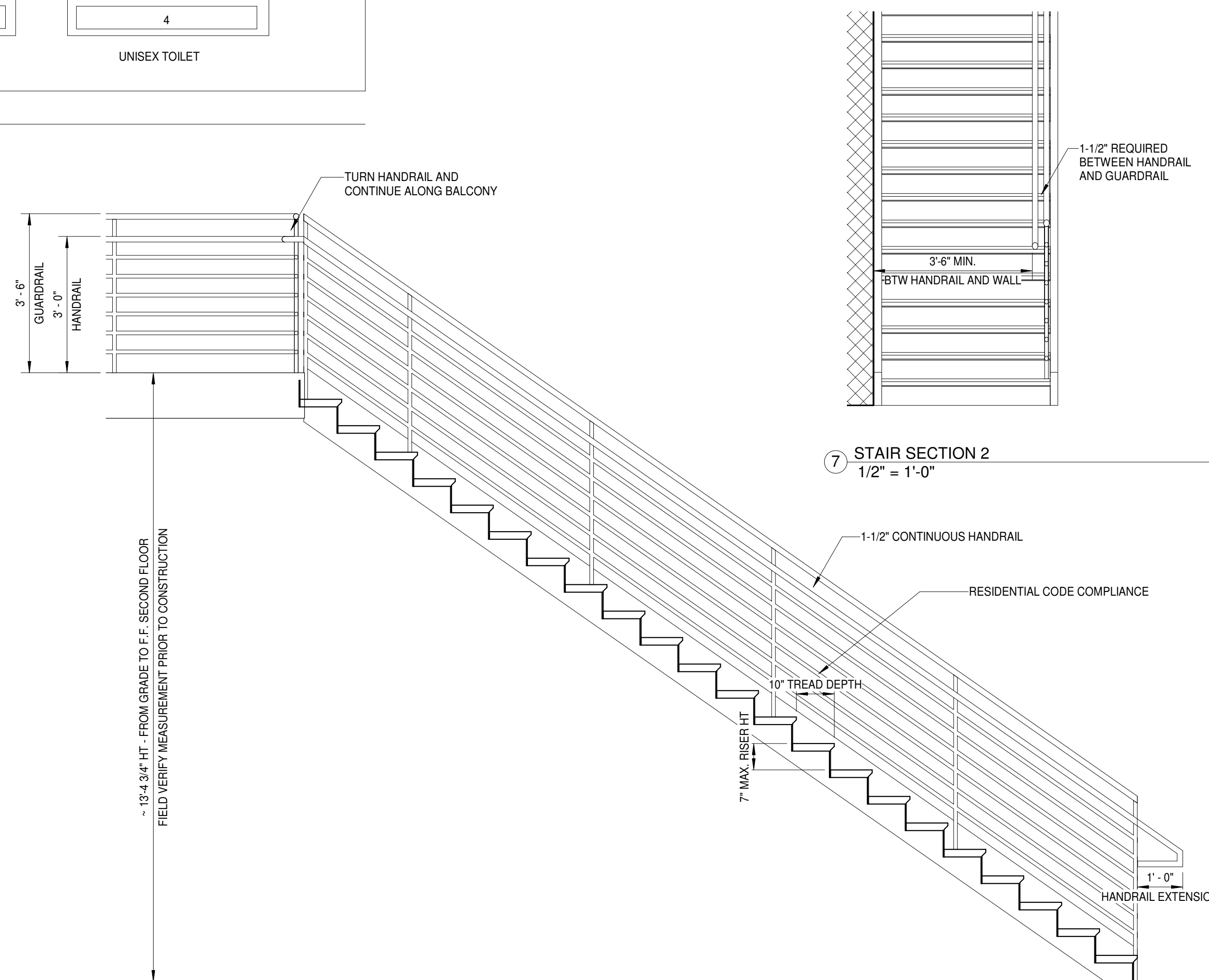
- NOTES (TYPICAL FOR ALL SIGNS):**
- 6" MIN. HEIGHT - MALE/FEMALE FIGURES
  - USE OF MALE/FEMALE CARICATURES IS REQUIRED
  - RAISED LETTERS/NUMBERS MIN 1" HIGH
  - BRAILLE
  - CHARACTER PROPORTION
  - COLOR CONTRAST
  - MOUNT CENTERLINE 60" AFF ON LATCH SIDE OF DOOR - MAY BE MOUNTED ON DOOR ONLY IF NO SPACE BESIDE DOOR.



6 WATER CLOSET DETAIL  
12" = 1'-0"



4 TACTILE EXIT SIGN  
12" = 1'-0"



3 STAIR SECTION 1  
1/2" = 1'-0"

7 STAIR SECTION 2  
1/2" = 1'-0"

REVISIONS	
NUMBER	DATE

31 WEST FRONT BUILDING  
RENOVATION  
31 WEST FRONT STREET, LILLINGTON, NC

919-550-7717  
Tony@TonyJohnsonArchitecture.com  
104 North Lombard St  
Clayton, NC 27520  
Tony.Johnson@Architecture.com



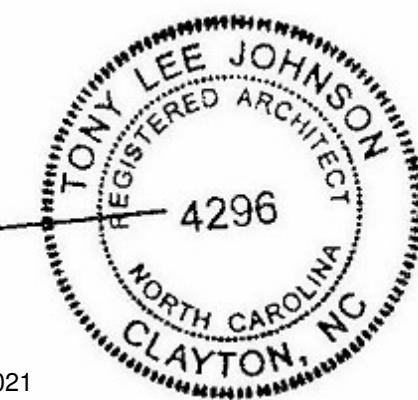
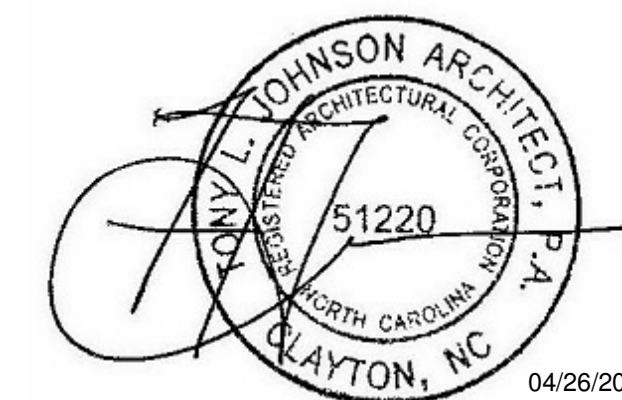
ISSUE DATE 04/26/2021

PROJECT # 2020-137

ENLARGED RESTROOM PLAN

SHEET

A-4.1



04/26/2021