Phone# 910-237-1675 E-Mail ANN@ANNMILTON.COM

County <u>HARNETT</u> ☐ State ☐

Owner/Authorized Agent: ANN MILTON

Code Enforcement Jurisdiction: ☐ City

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	TONY JOHNSON ARCHITECTURE	TONY JOHNSON	4296	(919) 550-7717	tony@tonyjohnsonarchitect.com
Civil					
Electrical	KILIAN ENGINEERING	JACOB HAMILTON	48012	252-438-8778	mkilian@kilianengineering.com
Fire Alarm					
Plumbing	KILIAN ENGINEERING	JACOB HAMILTON	48012	252-438-8778	mkilian@kilianengineering.com
Mechanical	KILIAN ENGINEERING	JACOB HAMILTON	48012		mkilian@kilianengineering.com
Sprinkler-Standpipe					
Structural	TYNDALL ENGINEERING	PRENTICE TYNDALL	024899	919-773-1200	ptyndall@tyndallengineering.cor
Retaining Walls >5' High					
Other					

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

2018 NC BUILDING CODE:

- ☐ New building ☐ Addition ☐ Rennovation
- ☐ First time interior completion (upfit)
- ☐ Shell/Core Contact the local inspection jurisdiction for possible additional procedures and requirements ☐ Phased Construction - Shell/Core- Contact the local inspection jurisdiction for possible additional procedures

and requirements 2018 NC EXISTING BUILDING CODE:

Existing: Prescriptive Repair Chapter 14	
Alteration: ☐ Level II ☐ Level II ☐ Level III	
☐ Historic Property	
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: 🗌 | 🗶 || 🔲 ||| 🗎 ||V Proposed: ☐ I 🛛 II ☐ IV

BASIC BUILDING DATA:

(check all that apply) □ I-B □ II-B 🗶 III-B □ V-B

X No □ Yes □ Partial □ NFPA 13 □ NFPA 13R □ NFPA 13D Class: □I □II □III □Wet Dry Standpipes: **X** No □ Yes Fire District: ☐ No
X Yes Flood Hazard Area: X No ☐ Yes

Special Inspections Required: ☒No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

GROSS BUILDING AREA TABLE:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	RENO/ALTER (SQ.FT)	SUB-TOTAL
3 rd Floor				
2 nd Floor	983		983	983
Mezzanine				
1 st Floor	968		968	968
Basement				
TOTAL	1,951		1,951	1,951

ALLOWABLE AREA: CHAPTER 5

OCCUPANCY Primary Occupancy:

Assembly 303 \square A-1 \square A-2 \square A-3 \square A-4 \square A-5

Business 304 🛛 B Educational 305 🔲 E

Factory 306 □ F-1 Moderate □ F-2 Low

Hazardous 307 ☐H-1 Detonate ☐H-2 Deflagrate ☐H-3 Combust ☐H-4 Health ☐H-5 HPM Institutional 308 \square I-1 Condition \square 1 \square 2 \square I-2 Condition \square 1 \square 2

I-3 Condition \Box 1 \Box 2 \Box 3 \Box 4 \Box 5 Mercantile 309 ☐ M

Residential 310 ☐ R-1 ☐ R-2 **区**R-3 ☐ R-4

Storage 311 □S-1 Moderate □S-2 Low □High-piled □ Parking Garage □ Open □ Enclosed □ Repair Garage

Utility and Miscellaneous 312 □ U

Accessory Occupancy Classification(s) (<- 10%): XXXXXXXX

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: <u>1HR</u> 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. The most restrictive type of construction, so determined, shall apply 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. Actual Area of Occupancy A + Actual Area of Occupancy B

Allowable Area of Occupancy A Allowable Area of Occupancy B = <1.00 + XXXXX

ALLOWABLE AREA

STORY	DESCRIPTION	(A)	(B)	(C)	(D)
NO.	AND USE	BLDG AREA PER STORY (ACTUAL)	TABLE 506.2 ⁴ AREA	AREA FOR FRONTAGE INCREASE ^{1,5}	ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
1	В	968	19,000		EXISTING
2	R-3	983	UL		

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)= $\mathbf{X}\mathbf{X}\mathbf{X}\mathbf{X}\mathbf{X}$ (F/P)

d. W=Minimum width of public way= e. Percent of frontage increase I(f)= [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 unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)		EXISTING	
Building Height in Stories (Table 504.4)		EXISTING	

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)

BUILDING ELEMENT	FIRE	F	RATING	DETAIL#	DESIGN#	DESIGN#	DESIGN#
	SEPARATION DISTANCE (FEET)	REQ'D	PROVIDED (W/* REDUCTION)	AND SHEET#	FOR RATED ASSEMBLY	FOR RATED PENETRATION	FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	>30'						
Bearing Walls							
Exterior		0					
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls		0					
North	>30'	0					
East	0'	3	EXISTING				
West	>30'	0					
South	0'	3	EXISTING				
Interior walls and partitions							
Floor Construction Including s beams and joists	supporting	N/A					
Floor Ceiling Assembly		1 HR	1 HR	A-0.3/0.4	UL-L501		
Column Supporting Floors		N/A					
Roof Construction, including sbeams and joists	supporting	N/A					
Column Supporting Roof		N/A					
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		N/A					
Occupancy/Fire Barrier Sepa	ration	N/A					
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Floor Ceiling Assembly		N/A					
Tenant/Dwelling Unit/ Sleepir Separation	ng Unit	N/A					
Incidental Use Separation		N/A				 	

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS:

FIRE SEPARATION DISTANCE (FEET FROM PERPERTY LINES	DEGREES OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)	
>30'				

LIFE SAFETY SYSTEM REQUIREMENTS: Chapters 9 and 10

Emergency Lighting □No Exit Signs: **∑** Yes **X**No Fire Alarm: □Yes □Partial _____ Smoke Detection Systems: □No **X** Yes □No Carbon Monoxide Detection: **∑** Yes

LIFE SAFETY PLAN REQUIREMENTS:

Life Safety Plan Sheet #, if Provided: A-0.2

XXXXX

 ★ Actual occupant load for each exit door ☐ Fire and/or smoke rated wall locations (Chapter 7) ★ A separate schematic plan indicating where fire ☐ Assumed and real property line locations (If not on

site plan) ☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)

☑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)

☑ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)

(1010.1.9.9) ☐ Location of doors equipped with hold-open devices ☐ Location of emergency escape windows (1030) ☐ The square footage of each fire area (202)

amount of delay (1010.1.9.7)

rated floor/ceiling and/or roof structure is

provided for purposes of occupancy separation

☐ Location of doors with panic hardware (1010.1.10)

☐ Location of doors with delayed egress locks and the

Location of doors with electromagnetic egress locks

☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5) □ Note any code exceptions or table notes that may have been

utilized regarding the items above

ACCESSIBLE DWELLING UNITS: (Section 1107)

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)

LOT OR	TOTAL # OF PA	ARKING SPACES	# OF ACCE	TOTAL#		
PARKING AREA	REQUIRED PROVIDED		REGULAR WITH	VAN SPAC	ACCESSIBLE	
			5' ACCESS AISLE	132" ACCESS AISLE	8' ACCESS AISLE	PROVIDED
TOTAL						

SEE FIXTURE CALCULATIONS ON SHEET A-8 PLUMBING FIXTURE REQUIREMENTS: Chapter 29 (Table 2902.1)

USE			WATERCL	OSETS	URINALS	INALS LAVATORIES		SHOWERS	DRINKII	NG FOUNTAINS	
		MALE	FEMALE	UNISEX		MALE	FEMALE	UNISEX	/ TUBS	REGULAR	ACCESSIBLE
1ST	EXIST'G	0	0			0	0			0	0
FLR	NEW	1	1			1	1			0	0
	REQ'D	1	1			1	1			0	0

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)

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: Importance Snow (I_S)

 □ .80
 □ 1.0
 □ 1.1
 □ 1.2

 Factors: □ 1.0
□ 1.25
□ 1.5 Seismic (I_E) Roof (live & snow) Live Loads: Mezzanine Floor Ground Snow Load: (mph ASCE 7) Wind Load: Basic Wind Speed

□ B □ C □ D

SEISMIC DESIGN CATEGORY:

 \square A \square B \square C \square D Provide the following Seismic Design Parameters:

Risk Category (Table 1604.5) Spectral Response Acceleration Ss ______%g S1 _____%g Site Classification (ASCE 7)

Data Source: ☐ Field Test ☐ Presumptive ☐ Historical Data **Basic Structural System: (check one)**

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

Exposure Category

Analysis Procedure: ☐ Simplified ☐ Modal ☐ Equivalent Lateral Force Architectural, Mechanical, Components Anchored? ☐ Yes ☐ No LATERAL DESIGN CONTROL: ☐ 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)

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

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: Size category. If oversized, state reason:

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)

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-Stie Renewable Energy ☐ C406.6 Dedicated Outdoor Air Svstem

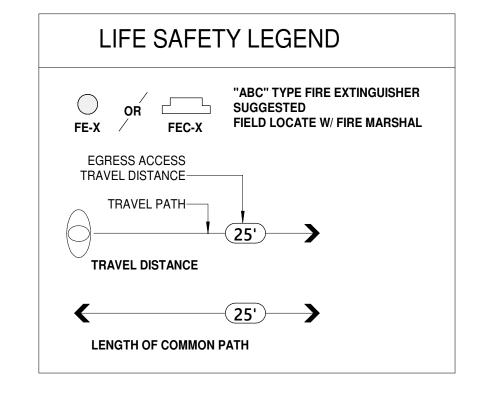
□ C406.

REVISIONS

NUMBER | DATE

BUILDING 31 WEST FRONT RENOVATION

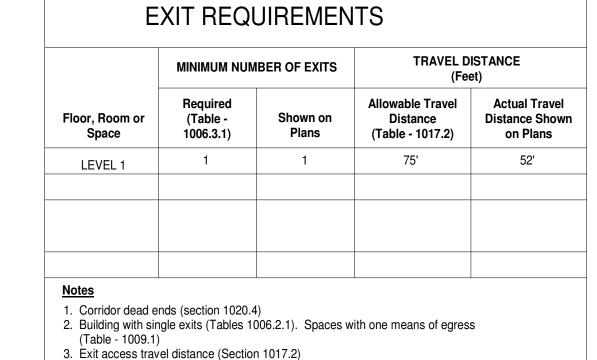
ISSUE DATE 04/26/2021 2020-137 BUILDING CODE SUMMARY

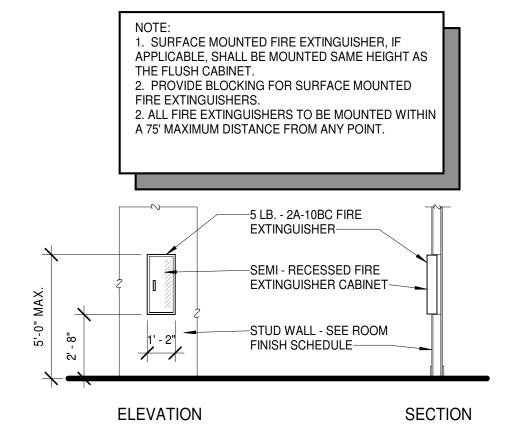


NOTE: NC BUILDING CODE - 303.1.1 SMALL BUILDINGS AND TENANT SPACES: A BUILDING OR TENANT SPACE USED FOR ASSEMBLY PURPOSES WITH AN

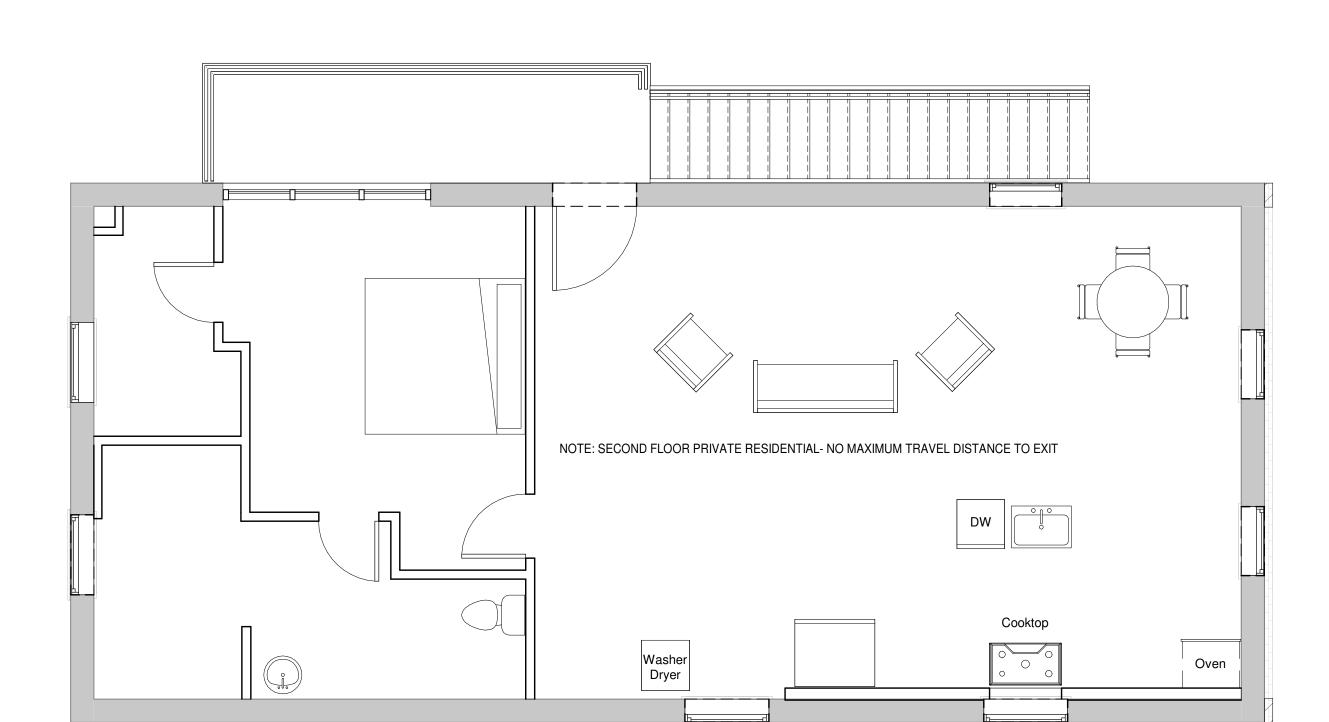
OCCUPANT LOAD OF LESS THAN 50 PERSONS SHALL BE CLASSIFIED AS A

GROUP B OCCUPANCY.

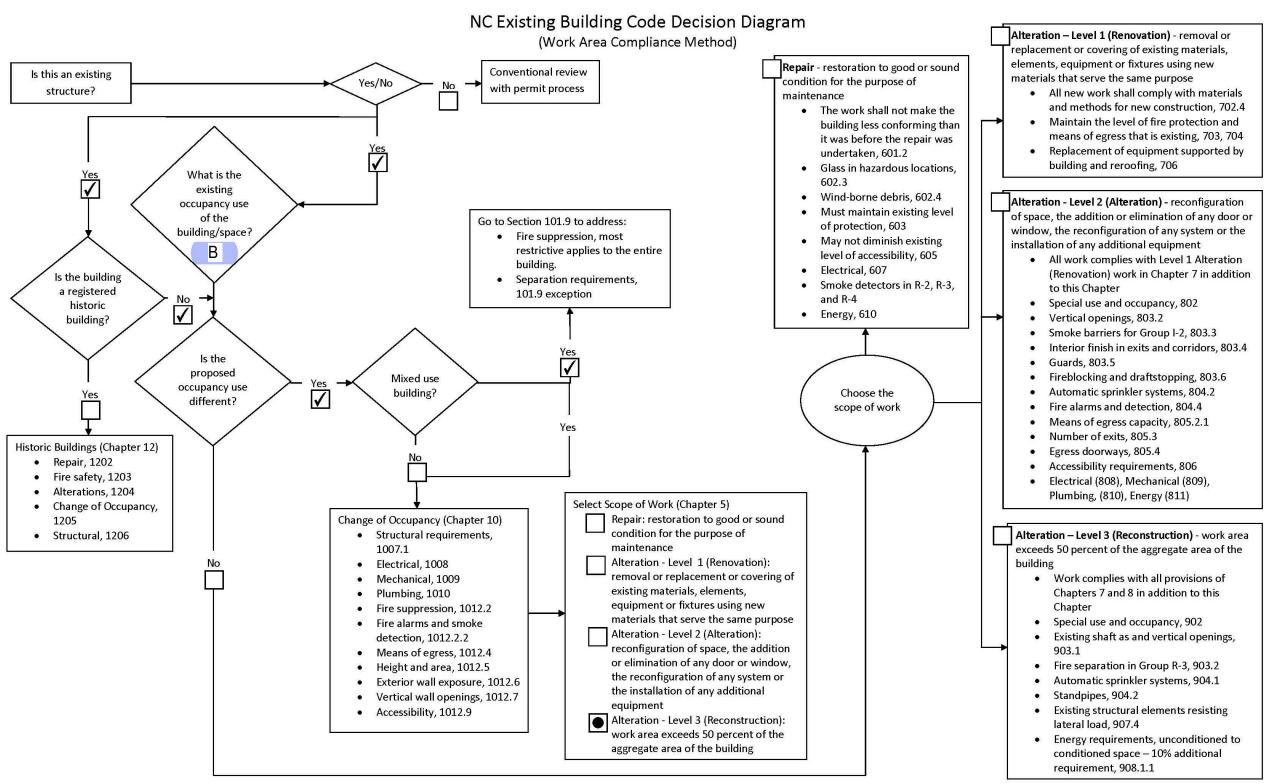




3/11/15







REVISIONS

NUMBER DATE

31 WEST FRONT BUILDING RENOVATION



ISSUE DATE 04/26/2021 2020-137 LIFE SAFETY PLAN Design/System/Construction/Assembly Usage Disclaimer

• Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.

Authorities Having Jurisdiction should be consulted before construction.

• Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.

When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of
fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes

specifics concerning alternate materials and alternate methods of construction.
Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States

<u>Design Criteria and Allowable Variances</u>

<u>See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances</u>

Design No. L501

August 31, 2020

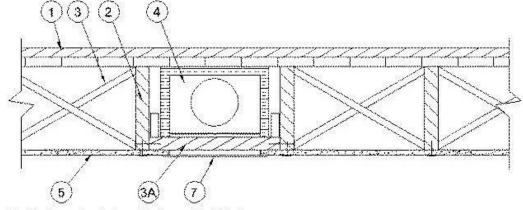
Unrestrained Assembly Rating — 1 Hr. Finish Rating — (See Items 5 and 5A)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide <u>BXUV</u> or <u>BXUV7</u>

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



1. Flooring Systems — The flooring system shall consist of one of the following:

System No.

subtrooring — Min 1 by 6 in, 1 & 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, mir grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — Nom 0.010 in, thick commercial rosin-sized building paper.

Finish Flooring — Min 1 by 4 in. T & G lumber installed perpendicular to joists, or min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

System No 2

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0,030 in. thick commercial asphalt saturated felt

Hoor Mat Materials* — (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* — (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding minimum thickness of floor topping over floor mat.

GRASSWORX LLC — SC Types

Finish Flooring — Floor Topping Mixture* — Min 3/4 having a min compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for https://iq.uprospector.com/en/profile?e=14256

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specific mix design.

UNITED STATES GYPSUM CO — Type CSD, LRK, HSLRK

LATICRETE SUPERCAP L L C — Types LRK, HSLRK

USG MEXICO S A DE C V - Types LRK, HSLRK, CSD

HACKER INDUSTRIES INC — Type Hacker Sound-Mat

System No. 3

Subflooring — Min 19/32 in. thick 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

Floor Mat Materials* — (Optional) — Floor mat material nom 5/64 in. (2 mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of floor-topping mixture. Floor topping thickness a min 1 in. over the floor mat.

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32 mm) of floor-topping mixture.

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/8 in. (3 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 3/4 in. (19 mm).

HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25 mm).

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 3/8 in. (10 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32 mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 3/4 in. (19 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38 mm).

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

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HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant

System No. 4

Subflooring — Min 15/32 in. thick 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) — Nom 0.030 in thick commercial asphalt saturated felt.

ELASTIZELL CORP OF AMERICA — Type FF

Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

System No. 5

Subflooring — Min 15/32 in. thick 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

Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

AERIX INDUSTRIES — Floor Topping Mixture

System No. 6

Deleted.

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11/24/2020

System No. 7

Subflooring — Min 15/32 in. thick 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.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Mixture shall consist of 5 to 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu ft of sand.

ULTRA QUIET FLOORS — UQF-A, UQF-Super Blend, UQF-Plus 200

System No. 8

Subflooring — Min 15/32 in. wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.

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Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAXXON CORP — Type Maxxon Standard and Maxxon High Strength

Floor Mat Materials* — (Optional) — 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.

MAXXON CORP — Type Encapsulated Sound Mat.

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

Metal Lath — (Optional) — 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement - (Optional, Not Shown) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs/sq yd loose laid over the floor mat material.

System No. 9

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 panels to be perpendicular to the joists with joints staggered.

Finish Floor — Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 10

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ACG MATERIALS — Accu-Crete ® types NexGen, Green, Prime, B, M, and PrePour, AccuRadiant, AccuLevel types G40, G50 and SD30.

Alternate Floor Mat Material* — (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thick for 19/32 or 15/32 in. thick wood structural panels respecitively.

ACG MATERIALS — AccuQuiet P80, C40, D13, D-18, D25, DX38, EM.125, EM.125S, EM.250, EM.250S, EM.375, EM.375S, EM.750, and EM.750S.

System No. 11

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

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staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

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Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix.

Alternate Floor Mat Material* — (Optional) — Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2.

System No. 12

Subflooring — 15/32 or 19/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Tonning Mixture* — Min 3/4 or 1 in thickness of floor tonn

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 2100 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

System No. 13

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the 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* — 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) — Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

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Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 14

Subflooring — Min 23/32 in. thick T&G wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to the joists with end joints staggered 4 ft. Panels secured to joists with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Gypsum Board* — One layer of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1 in. long No. 6 Type W bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches from the joints of the subfloor.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

Floor Mat Materials* — (As an alternate to the single layer gypsum board) — Floor mat material loose laid over the subfloor.

MAXXON CORP — Type Encapsulated Sound Mat.

Gypsum Board* — (For use when floor mat is used) Two layers of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists on top of the floor mat material. Gypsum board secured to each other with 1 in. long No. 6 Type G bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches in between layers and from the joints of the subfloor. **GEORGIA-PACIFIC GYPSUM L L C** — Type DS

System No. 15

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints

Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture for min 15/32 in. thick wood structural panels, having a min compressive strength of 2150 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAPEI CORP — Type Planitex SL 35

System No. 16

Subflooring — Min. 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

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Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture for 15/32 in. thick wood structural panels respectively, having a min compressive strength of

2100 psi. Refer to manufacturer's instructions accompanying the material for specific mix design. **THE STRONG CO INC** — Type UltraLevel

System No. 17

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints

staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

DEPENDABLE LLC — GSL M3.4, GSL K2.6, GSL-CSD and GSL RH

Finish Flooring — Floor Topping Mixture*— Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

Floor Mat Materials* — (Optional) — Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

ECTEK INTERNATIONAL INC — Armoroc Panel

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

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Subflooring— Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joists with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.

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Subflooring (Alternate) — Building Units* — Nom 3/4 in. thick, tongue and grooved boards. Long dimension of boards to be perpendicular to trusses with end joints staggered a min of 4 ft. and centered over the trusses. Boards secured to trusses with 1-1/4 in. long self-drilling, self- tapping screws spaced a max of 12 in. OC in the field with screws located 1 in. from long edge, and max 8 in. OC along the end joints with screws located 1/2 in. from end joint.

ECTEK INTERNATIONAL INC — Type MegaBoard

Vapor Barrier — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 1 by 4 in. T & G lumber installed perpendicular to joists, or min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered

System No. 19

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.

Finish Flooring* — Floor Topping Materials — Min 3/4 in. to 1-1/2 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance with a minimum compressive strength of 1500 psi.

See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) — Floor mat material nom 1/8 in. to 3/4 in. thick. Loose laid over the subfloor. When used, Acousti-flor CSM (Crack Suppression Mat) is loose laid over the floor mat material. Floor topping material thickness is dependent on thickness of floor mat used.

WALFLOR INDUSTRIES INC — Type Acousti-flor, Acousti-flor CSM. Floor topping thickness depends on products used as follows:

Acousti-flor (1/8 in. thick) - Floor topping thickness shall be a minimum of 3/4 in.

Acousti-flor (1/4 in. thick) - Floor topping thickness shall be a minimum of 1 in.

Acousti-flor (3/8 in. thick) - Floor topping thickness shall be a minimum of 1 in.

Acousti-flor (3/4 in. thick) - Floor topping thickness shall be a minimum of 1-1/2 in.

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.

System No. 20

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 s panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. **Finish Flooring - Floor**

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NUMBER DATE

WEST FRONT BUILDING ENOVATION

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PROJECT # 2020-137

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4/26/2021 8:39:36 PM G-\My Drive\2020 Project Foldere\2020-137 - 31 West Front - Lillington (DSLLInvestments - An 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 SCHONOX 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.

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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 manufacturers 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-1WJ

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 BMI-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 AMERICAN GYPSUM CO — Types AGX-1, AG-C, LightRoc

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

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

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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 LGFC6A, LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 9, C, GPFS1, GPFS6, DA, DAP, DAPC, DGG, DS, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, TG-C, GreenGlass 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 22 min), Type LWX (finish rating 20 min), Veneer Plaster Base - Type LWXX (finish rating 20 min), Water Rated - Type LW2X (finish rating 20 min), Sheathing - Type LW2X (finish rating 20 min), Soffit - Type LW2X (finish rating 20 min)

NATIONAL GYPSUM CO — eXP-C, FSK, FSK-C, FSK-G, FSL, FSMR-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, PGS-WRS (Finish Rating 21 minutes), Type PGI (Finish Rating 26

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

USG BORAL DRYWALL SFZ LLC — Types C, SCX

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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.

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<u>Last Updated</u> on 2020-08-31

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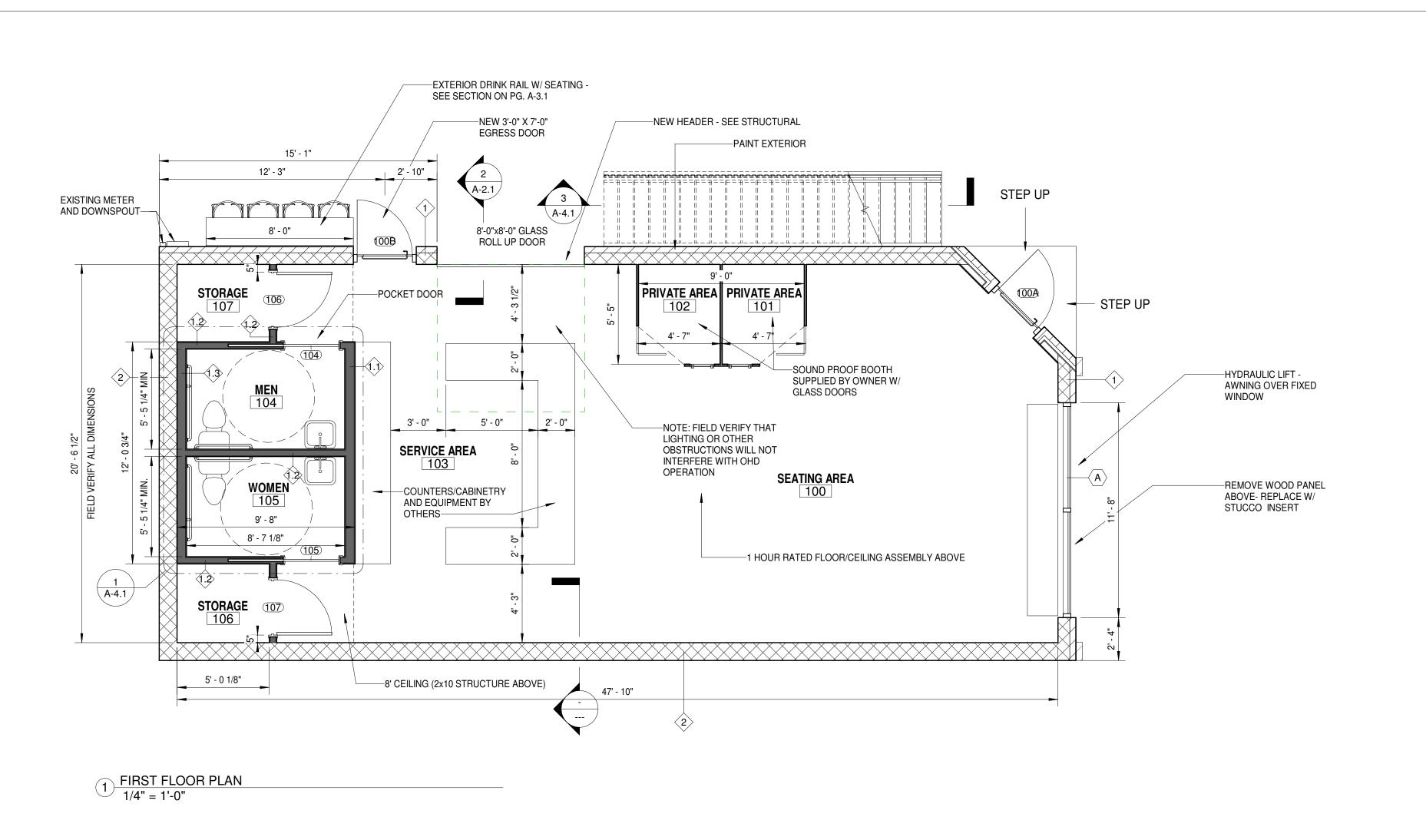
REVISIONS

BUILDING 31 WEST FRONT RENOVATION

ISSUE DATE 04/26/2021

2020-137 **UL DETAIL**

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—42" HALF GLASS DOOR / TRANSOM

LIVING / KITCHEN

18' - 8"

----NEW HEADER - SEE STRUCTURAL

5' - 3"

BEDROOM

11' - 6"

VERIFY DIMENSIONS W/ MANUFACTURER

18' - 0"

BATHROOM

6' - 4 1/8">

CLOSET

CHASE FOR MECHANICAL-SEE HVAC PLANS-

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

— INFILL EXISTING WINDOW OPENINGS W/ LIKE SIZE SOLID VINYL WINDOW - STYLE SELECTION

BY OWNER

—NEW HARD CEILING-PROVIDE INSULATION (SPRAY FOAM INSULATION)

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.

REVISIONS

1/14/2021

NUMBER DATE

31 WEST FRONT BUILDING RENOVATION

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

ISSUE DATE 04/26/2021

2020-137

FLOOR PLANS

INFILL EXISTING— WINDOW OPENINGS

W/ LIKE SIZE SOLID

VINYL WINDOW -

STYLE SELECTION BY OWNER

Washer Dryer 6' - 2" 5' - 10" —INFILL EXISTING WINDOW OPENINGS W/ LIKE —— SIZE SOLID VINYL WINDOW - STYLE SELECTION BY OWNER 2 SECOND FLOOR PLAN 1/4" = 1'-0"

8' - 0"

15' - 0"

Cooktop

—NEW STAIRS AND CANTILEVERED LANDING—

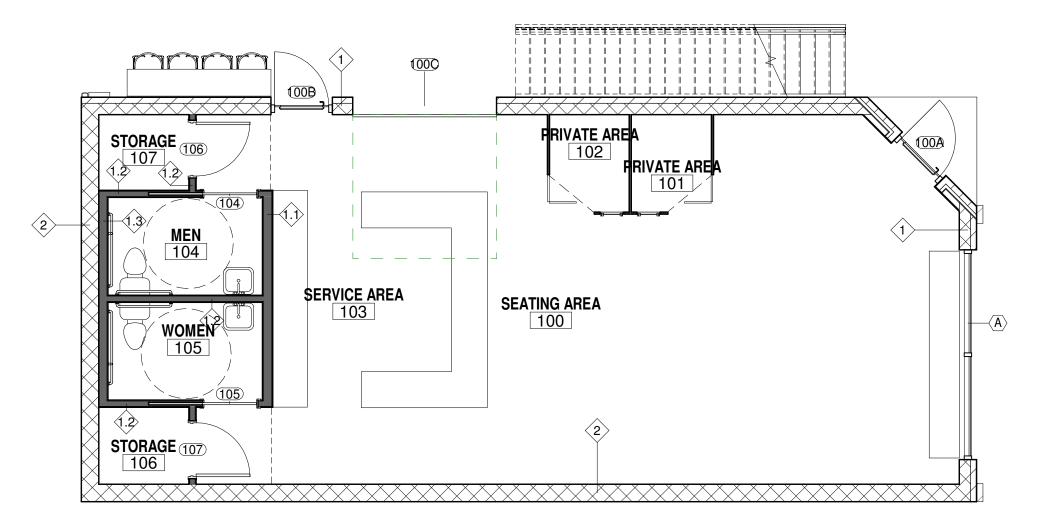
STEEL STAIRS - BEFORE CONSTRUCTION:
 FIELD VERIFY LENGTH AND RISE:RUN WITH EXISTING SIDEWALK GRADE

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 FRAMES.	MEFIELD VERIFY DIMENSIONS I	PRIOR TO FABRICATION
3'-0"	2' - 8"	11' - 8"	8'-8" FIELD VERIFY
7 - 0"		T T	SLIDING DOOR B T T T
DOOR TYPE A DOOR TYPE B DOOR TYPE C	DOOR TYPE D DOOR TYPE F	FIXED - TEMPERED	TWO SLIDING W/ ONE FIXED PANEL - TEMPERED
DOOR ELEVATIONS 1/4" = 1'-0"		WINDOW ELEVATIONS 1/4" = 1'-0"	

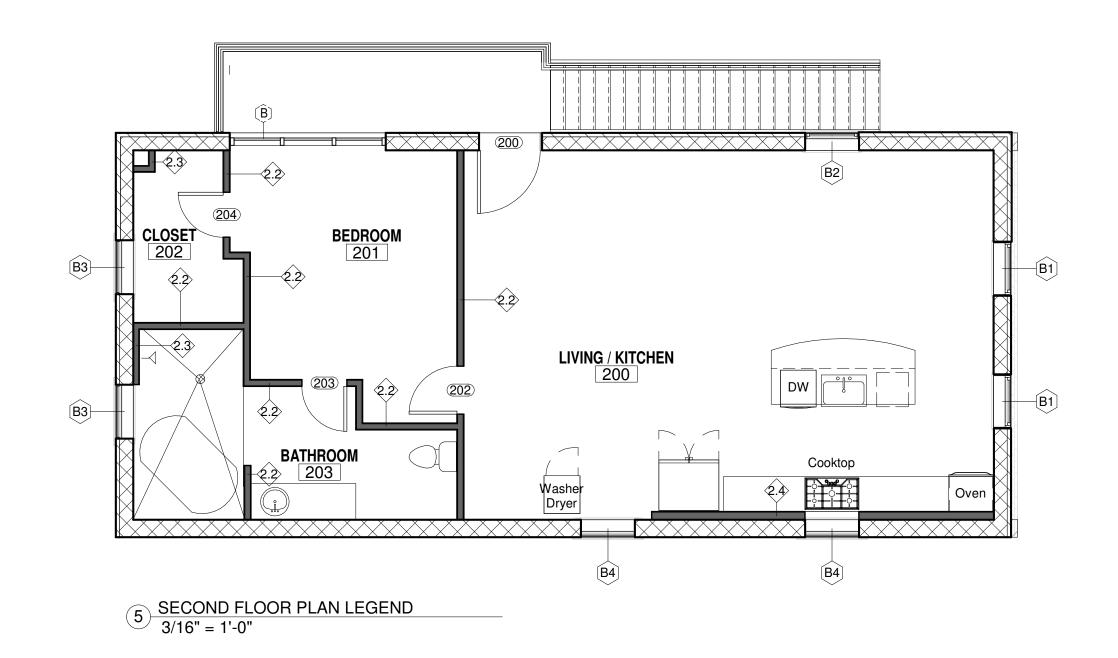
FINISH SCHEDULE							
#	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENTS
100	SEATING AREA	SELECTION BY	SELECTION BY	PAINT	PAINT	EXISTING	
		OWNER	OWNER		DAINT		
101	PRIVATE AREA	SELECTION BY OWNER	SELECTION BY OWNER	PAINT	PAINT	EXISTING	
102	PRIVATE AREA	SELECTION 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

			<i>,</i>						
WINDOW SCHEDULE									
MARK	WIDTH	HEIGHT	ТҮРЕ	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"	
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"	
32	3' - 0"	6' - 3 1/2"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1' - 9"	8' - 0 1/2"	
33	3' - 4"	6' - 7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1' - 8"	8' - 3"	
33	3' - 4"	6' - 7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	1' - 8"	8' - 3"	
34	3' - 6"	6' - 7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2' - 9 1/2"	9' - 4 1/2"	
34	3' - 6"	6' - 7"	DOUBLE-HUNG	SELECTION BY OTHERS	SOLID VINYL	SELECTION BY OWNER	2' - 9 1/2"	9' - 4 1/2"	
С	8' - 8"	7' - 0"	SLIDING	SELECTION BY OTHERS	SELECTION BY OWNER	SELECTION BY OWNER	0' - 0"	8' - 0"	



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





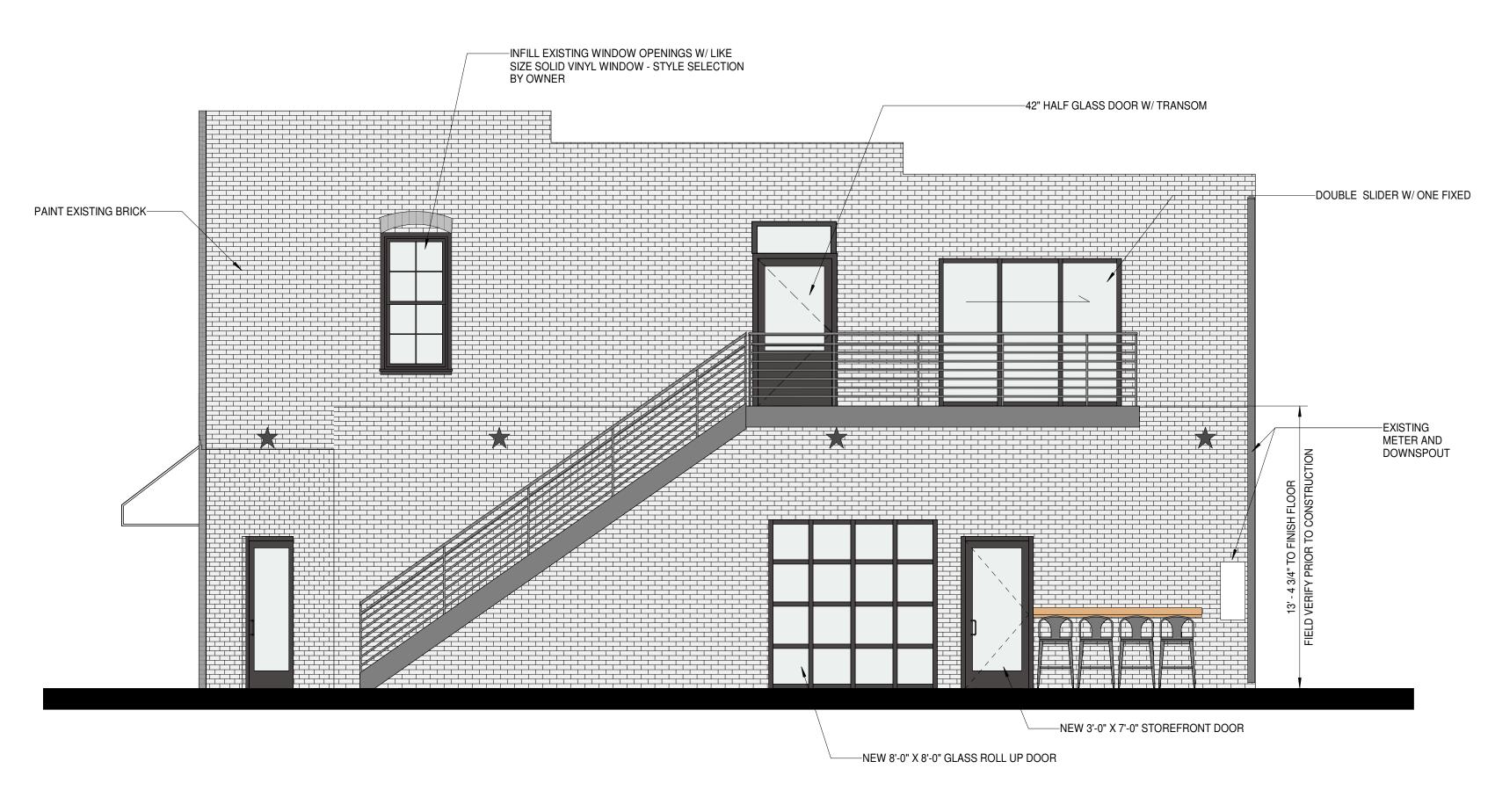
REVISIONS NUMBER DATE

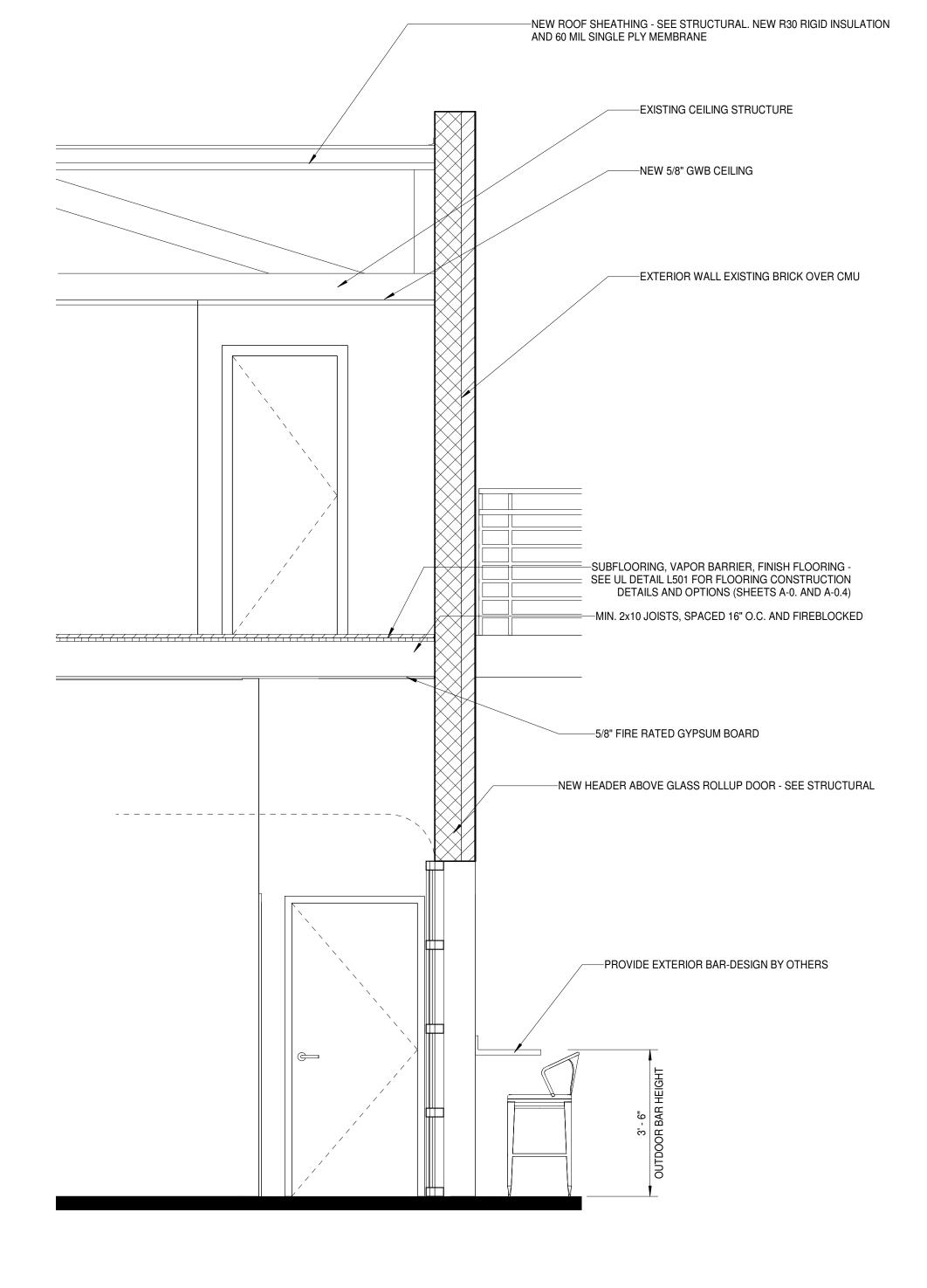
31 WEST FRONT BUILDING RENOVATION



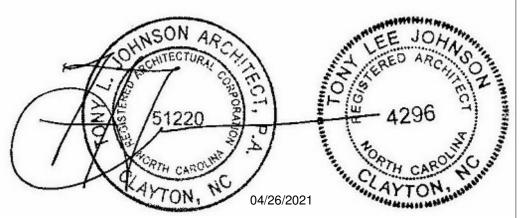
SCHEDULES

2020-137





2 WALL SECTION 1/2" = 1'-0"



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BUILDING

31 WEST FRONT RENOVATION

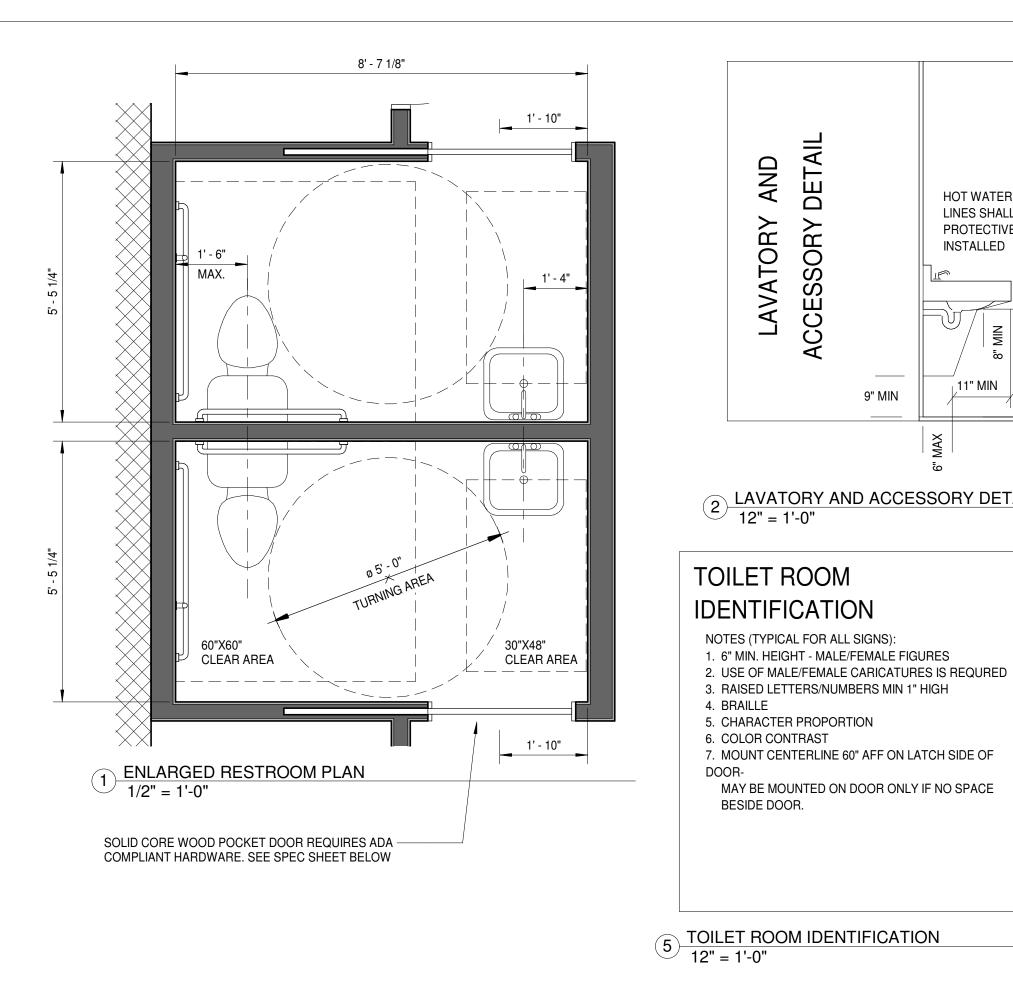


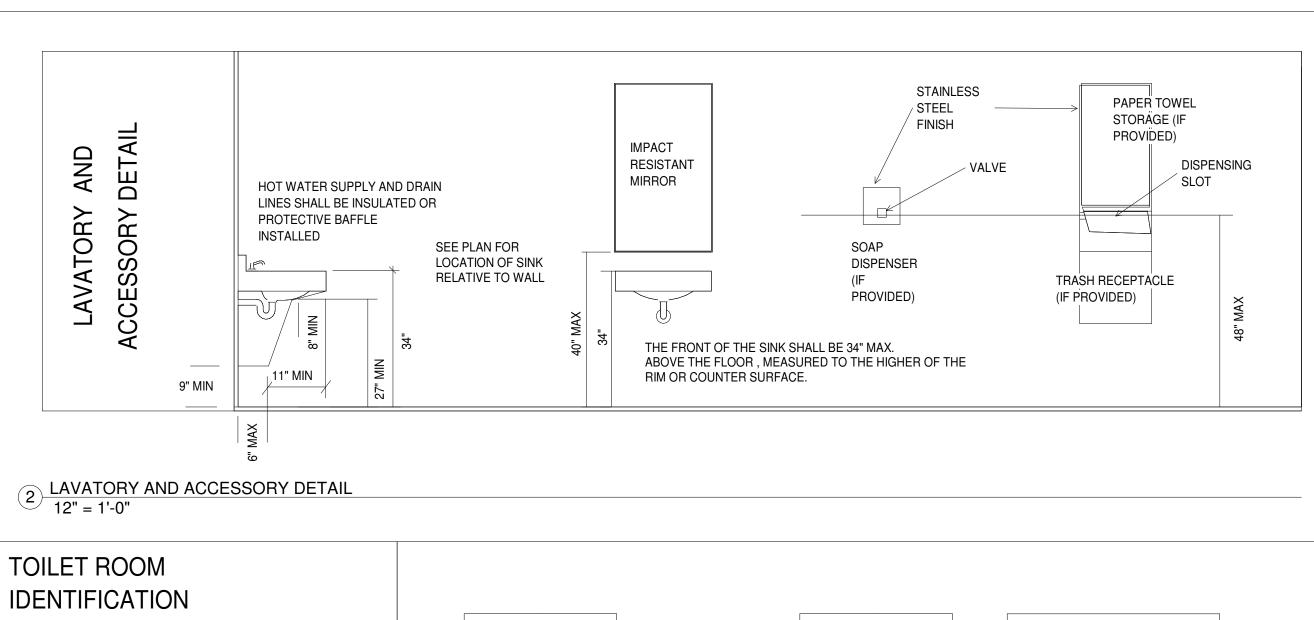
ISSUE DATE 04/26/2021

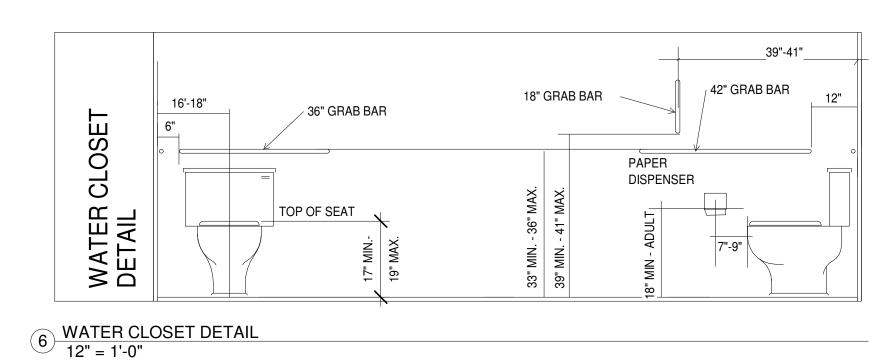
2020-137

EXTERIOR ELEVATIONS

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







TACTILE EXIT SIGN A MIN 6"x4" EXIT SIGN SHALL BE MOUNTED ON THE STRIKE SIDE OF ALL REQUIRED EXIT 0 0 0 0 0 DOORS-SIGN SHALL HAVE BOTH RAISED LETTERS AND BRAILLE **BOTTOM OF BRAILLE** SHALL BE MIN 48" AFF

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

RESTROOM

UNISEX TOILET

PRODUCT FEATURES

SPECIFICATIONS

FINISHES

STANDARDS

WARRANTY

Lifetime Mechanical &

Limited Finish Warranty

Custom sizes also available

CS-1069-001

for various frame sizes.

Must specify handing.

ANSI A117.1
Accessibility Code
(ADA Compliant)

Complete pocket door ADA solution

Customizable product

1-3/8" and 1-3/4"

Custom options available.

Custom options available.

MATERIAL OPTIONS

499 Polished Brass, No Lacquer

Polished Brass Satin Brass, Dull

doors standard.

FRAMES Up to 7" standard.

BR – Brass

BZ - Bronze

SS - Stainless Steel

Multiple functions for different applications

• Exterior emergency access on Full Privacy



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 aestetically pleasing. The 1069 Series is available in multiple functions and is fully customizable for most pocket door applications.

APPLICATIONS Hospitals

 Senior Living Hotels & Hospitality Schools Offices

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Satin Brass and Black • 1069L – Latching (non-locking) 630 Satin Stainless Steel

3528 EMERY STREET LOS ANGELES, CA 90023 | (323) 262-4191 | WWW.TRIMCOHARDWARE.COM | INFO@TRIMCOHARDWARE.COM

Trimco SINCE 1949 1069 Series

POCKET DOOR LOCKS & PULLS

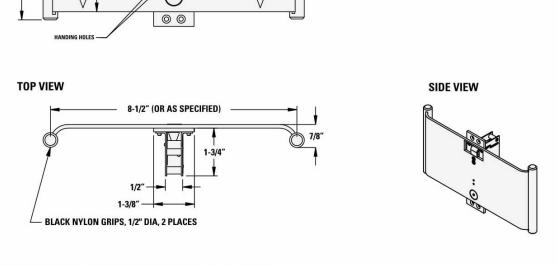
ADA Pocket Door Pull

HOW TO SPECIFY & ORDER

	SERIES	OPTIONS	HANDING – FULL PRIVACY ONLY	FINISHES
	Passage Latching (non-locking) Full Privacy	• CUST — Custom Size / Application	• RH – Right Hand • LH – Left Hand	 605 Polished Brass 613 Oil Rubbed Bronze 630 Satin Stainless Steel SPEC – Special Finish (See finish list for all options)
EXAMPLE For a righ		locking pocket door pull in stainless	steel, specify or order: 1069FP RH 63	0
	FRONT VIEW	© ©	STRI	IKE

MEN 3

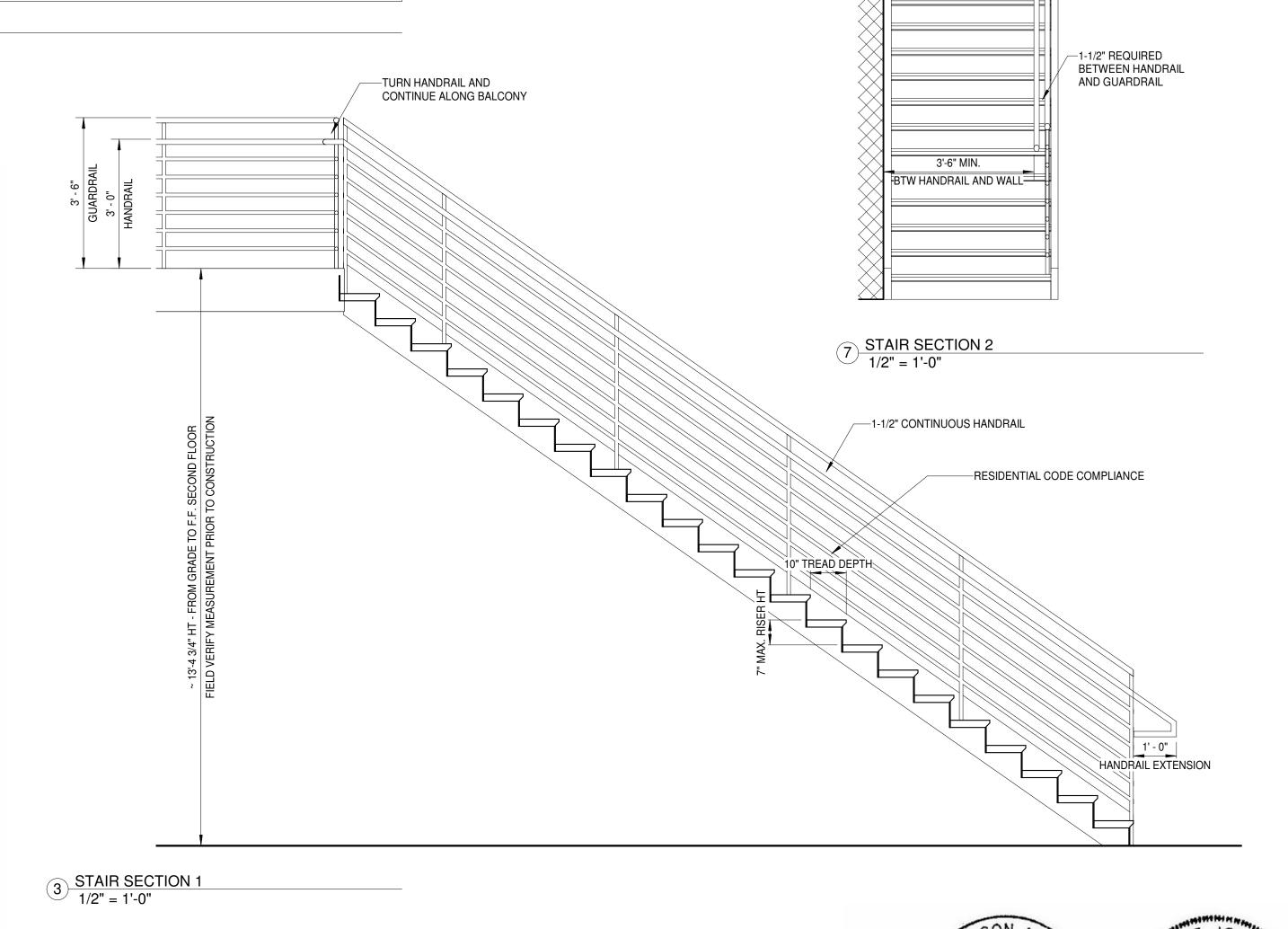
4



* Dimensions are informational only. Templates are available at www.trimcobbw.com 3528 EMERY STREET LOS ANGELES, CA 90023 | (323) 262-4191 | WWW.TRIMCOHARDWARE.COM | INFO@TRIMCOHARDWARE.COM

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31 WEST FRONT RENOVATION



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