









LEGACY @ HAW RIVER APAR TMENTS: V2

DeBoer & Gabriel Builders, Inc. Legacy River Trail Burlington, NC 27217



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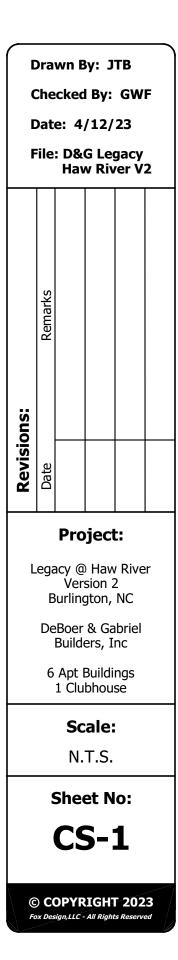
SHEET NUMBER

CS-1 A-0 thru A-7 S-1 thru S-4 P-1 thru P-6 M-1 thru M-5 E-1 thru E-4 FA-1

DESCRIPTION

Cover Sheet Architectural Plans Structural Plans Plumbing Plans Mechanical Plans Electrical Plans Fire Alarm Plan





2018 APPENDIX B	Legacy @ Haw River A	
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (Except 1 and 2 Family Dwellings and Townhouses)	Legacy River Trail Burlingto	on, NC 27217
Name of Project: Legacy @ Haw River Apartments Address: Legacy River Trail Burlington, NC 27217	ALLOWABLE HEIGHT Allowable Shown on Plans Code	SPECIAL APPROVALS
Proposed Use: Residential (R-2) Owner/Authorized Agent: Jason DeBoer (336) 516-5048 Owned By: Private	Building Height in Feet <u>60</u> <u>47</u> Table 504.3	Special Approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DF N/A
Code Enforcement Jurisdiction: Alamance County Inspections	Building Height in Stories 3 3 Table 504.4	
LEAD DESIGN PROFESSIONAL:	FIRE PROTECTION REQUIREMENTS	SEE STRUCTURAL DRAWINGS
ArchitecturalMM Mason, AIAMartha M. Mason7267(336) 684-1021PlumbingHolleman Corp.Tim Holleman20172(336) 337-6334MechanicalHolleman Corp.Tim Holleman20172(336) 337-6334	BUILDING ELEMENT Fire Rating Detail # Design # Sheet # Sheet # Separation Beq'd Provided and for Rated for Rated for Rated for Rated Distance (w/ * Sheet # Assembly Penetration Joints	STRUCTURAL DESIGN:
Electrical Holleman Corp. Tim Holleman 20172 (336) 337-6334 Structural Resid. Eng. Solutions Brooke Carpenter 23249 (336) 380-5847 Sprinkler By Sprinkler Contractor	(Feet) (WyReduction)	DESIGN LOADS: Importance Factors: Snow: (Is) 0_8 (1.0) 1.1 1.2
Cirie Alarm Holleman Corp. Tim Holleman 20172 (336) 337-6334 Civil Retaining Walls	including columns, girders, & trusses	Seismic: (le) (1.0) 1.25 1.5
(>5' High) Dther	Bearing Walls	Live Loads: Roof: 20 psf Mezzanine: N/A Floor: 100 psf (for Corridors), 40
2018 NC BUILDING CODE Image: New Building in Addition in Renovation in 1st Time Interior Completion EXISTING: Image: Prescriptive in Repair in Chaper 14	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Ground Snow Load: 15 psf
Historic Property Change of Use CONSTRUCTED: N/A CURRENT OCCUPANCY(S) (Ch.3): N/A	Interior Image: Solution service of the s	Wind Loads: Ultimate Design Wind Speed: 120 mph (Exposure Category B C D
RENOVATED: N/A PROPOSED OCCUPANCY(S) (Ch.3): R-2 RISK CATEGORY (Table 1604.5): Current: N/A Proposed: II	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	SEISMIC DESIGN CATEGORY: A B C D Provide the following Seismic Design Parameters:
ASIC BUILDING DATA	Image: Content of the second secon	Risk Category (Table 1604.5) I II III IV Spectral Response Acceleration Ss <u>.13</u> %g <u>13%</u> S1 <u>.063</u> %
□ I-B □ II-B □ III-B	Floor Construction Includ. supporting beams and joists:	Site Classification (ASCE-7) A B C D E F
tandpipes: ■No □Yes Class □I □II □III □Wet □Dry ire District: ■No □Yes (Primary) Flood Hazard Area: ■No □Yes pecial Inspections Req: □No □Yes	Floor Ceiling Assembly 1 1 1/A7 UL#L528 Columns Supporting Floors N/A N/A Image: Column Science of the second s	Data Source: ☐Field Test ■ Presumptive ☐Historical Dat Basic structural system (check one):
Bross Building Area: loor Existing (Sq. Ft.) New (Sq. Ft.) Sub-Total	Roof Construction Includ. supporting beams and joists:	■ Bearing Wall □ Dual w/Special Mom □ Building Frame □ Dual w/Intermediate □ Moment Frame □ Inverted Pendulum
th Floor	Roof Ceiling Assembly 1 1 1/A7 UL#P533 Columns Supporting Roof N/A N/A Image: Column State of the second	Analysis Procedure:
Ith Floor	Shaft Enclosures-Exit	Architectural, Mechanical, Components anchored?
Mezzanine st Floor0 9962 9962 Basement	Corridor Separation 1 1 2/A7 UL#U356 Occupancy/Fire Barrier Separation N/A N/A	LATERAL DESIGN CONTROL: ☐Earthquake ■ Wind SOIL BEARING CAPACITIES:
Total 0 29760 29760	Party/Firewall Separation N/A N/A N/A	☐ Field Test ■ Presumptive Bearing capacity 2000 psf Pile size, type, and capacity <u>N/A</u>
ALLOWABLE AREA Primary Occupancy:	Smoke Partition N/A N/A N/A Tenant/Dwelling Unit/Sleeping Unit Sep. 1 1 3/A7 UL#U341	ELECTRICAL SUMMARY:
Assembly A-1 A-2 A-3 A-4 A-5 Business A	Incidental Use Separation N/A N/A	REFER TO ELECTRICAL PLANS BY OTHERS
Educational Factory DF-1 Moderate DF-2 Low Hazardous DH-1 Detonate DH-2 Deflagrate H-3 Combust DH-4 Health DH-5 HP	м	REFER TO MECHANICAL PLANS BY OTHERS
Institutional	PERCENTAGE OF WALL OPENING CALCULATIONS Fire Separation Distance Degree of Openings Allowable Area Actual Shown on Plans	ENERGY SUMMARY
Residential ☐R-1 ■R-2 ☐R-3 ☐R-4 Storage ☐S-1 Moderate ☐S-2 Low ☐High-Piled ☐Park. Garage ☐Open ☐Enclosed ☐Repair Garage	(Feet) From Property Lines Protection (Table 705.8) % 30' OR GREATER UP,S NO LIMIT N/A	ENERGY REQUIREMENTS:
Jtility and Miscellaneous Accessory Occupancies:		The following data shall be considered minimum and any special attribute req energy code shall also be provided. Each Designer shall furnish the required information for the plan data sheet. If performance method, state the annual e
Assembly □ A-1 □ A-2 □ A-3 □ A-4 □ A-5 Business □		standard reference design vs annual energy cost for the proposed design. Existing building envelope complies with code:
Educational	Emergency Lighting: No Yes Exit Signs: No Yes M Fire Alarm: No Yes	Exempt Building: ■ No □ Yes Provide code or statutory reference: Climate Zone: □ 3A ■ 4A □ 5A
nstitutional -1 -2 -3 -4 Condition 1 2 3 4 5 Aercantile	Smoke Detection Systems: No Yes Partial Carbon Monoxide Detection: No Yes	Method of Compliance:
Residential R-1 R-2 R-3 R-4 Storage S-1 Moderate S-2 Low High-Piled Park. Garage Open Enclosed Repair Garage	LIFE SAFETY PLAN REQUIREMENTS: Life Safety Plan Sheet #: A-3	 Energy Code - Performance Energy Code - Prescriptive ASHRAE 90.1 - Performance
Jtility and Miscellaneous □	 Fire and/or smoke rated wall locations (Chapter 7) Assumed and real property line locations (if not on the site plan) 	 ASHRAE 90.1 - Prescriptive Other - Performance <u>COMcheck</u>
ncidental Uses (table 509): Furnace room where any piece of equipment is over 400,000 Btu per hour input Rooms with boilers where the largest piece of equipment is over 15 psi and 10 horsepower	 Assumed and real property line locations (in flot on the 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) Occupant loads for each area 	
☐ Refrigerant machine room ☐ Hydrogen cutoff rooms, not classified as Group H ☐ Incinerator rooms	 Exit access travel distances (1017) Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1)) Dead end lengths (1020.4) 	COMcheck Software Version 4.1.5.1
☐ Paint shops, not classified as Group H, located in occupancies other than Group F ☐ Laboratories and vocational shops, not classified as Group H. located in a Group E or I-2 occupancy	 Clear exit widths for each exit door Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) 	Envelope Compliance Certific
Laundry rooms over 100 square feet Group I-3 cells equipped with padded surfaces Group I-2 waste and linen collection rooms	 Actual occupant load for each exit door A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation 	Project Information
 Waste and linen collection rooms over 100 square feet Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power supplies 	 Location of doors with panic hardware (1010.1.10) Location of doors with delayed egress locks and the amount of delay (1010.1.9.7) Location of doors with electromagnetic egress locks (1010.1.9.9) 	Energy Code: 90.1 (2010) Standard Project Title: Legacy @ Haw River Apartments Location: Burlington, North Carolina
 ☐ Rooms containing fire pumps ☐ Group I-2 storage rooms over 100 square feet ☐ Group I-2 commercial kitchens 	 Location of doors equipped with hold-open devices Location of emergency escape windows (1030) The square footage of each fire area (202) 	Climate Zone: 4a Project Type: New Construction Vertical Glazing / Wall Area: 11%
☐ Group I-2 laundries equal to or less than 100 square feet ☐ Group I-2 rooms or spaces that contain fuel-fired heating equipment	 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 	Construction Site: Owner/Agent: Designer/ Legacy River Trail Jason DeBoer Martha
Special Uses: 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 Special Provisions: 510.2 510.3 510.4 510.5 510.6 510.7 510.8 510.9	ACCESSIBLE DWELLING UNITS:	Burlington, NC 27217 DeBoer & Gabriel Builders 336-68 Building Area Floor Area
Mixed Occupancy: ■ No □ Yes Separation <u>N/A</u> Hr. Exception □ Incidental Use Separation (509.2)	Section: 1107 Total Accessible Type A Type B Total	1-Multifamily : Residential 29760
This separation is not exempt as a Non-Separated Use (see exceptions).	Units Units Units Units Units Units Context of the context of	Assembly Gross Area Cavity C or R-Value R- Perimeter
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.	180 51 60 9 18 42 42 60	Roof 1: Attic Roof with Wood Joists, [Bldg. Use 1 - Multifamily] 9826 38.0 0. Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - Multifamily] 20016 15.0 1. Window 1: Vinyl/Fiberglass Frame, Perf. Type: Energy code default, 1375
☐ Separated Use (508.4) For each story, the area of the occupancy shall be such that the sum of the ratios of the actual	ACCESSIBLE PARKING: Section: 1106	Double Pane with Low-E, Tinted , SHGC 0.42, [Bldg. Use 1 - Multifamily] Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Multifamily] 600
floor area of each use divided by the allowable floor area for each use shall not exceed 1.	Lot or Parking Area Total # of Parking Spaces # of Accessible Spaces Provided Total # Accessible Spaces Provided Required Provided Regular w/ 5' Van Spaces w/ Access Aisle Spaces Provided	Door 2: Glass (> 50% glazing):Nonmetal Frame, Non-Entrance Door, 360 Perf. Type: Energy code default, Double Pare with Low-E, Tinted , SHGC 0.42, [Bldg. Use 1 - Nutlifiamily] SHGC 0.42, [Bldg. Use 1 - Nutlifiamily] Door 3: Glass (> 50% glazing):Nonmetal Frame, Non-Entrance Door, 420
$\frac{1.00}{Allowable Area of Occupancy A + Allowable Area of Occupancy B} \leq 1.00$	Access Aisle 132" Access Aisle Aisle Aisle	Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.42, [Bldg. Use 1 - Multifamily] Floor 1: Slab-On-Grade:Unheated, Vertical 2 ft., [Bldg. Use 1 - 741 5. Multifamily] (b)
(A) (B) (C) (D) Story No. Desc. Bldg Area Table 506.2 Area For Allowable Area Per Story and Use Per Story (Actual) Area Frontage Incr. or Unlimited	Total (N/A: See Site Plan by Others)	 (a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements. (b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
1 & 2 R-2 9962 7000 5250 12250 3 R-2 9836 7000 5250 12250		Envelope PASSES: Design 0.1% better than code Envelope Compliance Statement Compliance Statement: The proposed envelope design represented in this document is consist
3 R-2 9836 7000 5250 12250 1 Frontage area increases from Section 506.3 are computed thus:		specifications, and other calculations submitted with this permit application. The proposed enver designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.5.1 and to com mandatory requirements listed in the Inspection Checklist.
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = <u>466</u> (F) b. Total Building Perimeter = <u>466</u> (P) c. Ratio (F/P) = 1 (F/P) 	USE WATERCLOSETS URINALS LAVATORIES SHOWERS/ TUBS DRINKING FOUNTAIN MALE FEMALE UNISEX MALE FEMALE UNISEX REG. ACC.	MARTHA M MASON ARCHITECT Menthe dr. Marm Name - Title Signature
d. W = Minimum width of public way = <u>30</u> (W) e. Percent of frontage increase If = 100 [F/P - 0.25] x W/30 = 75 (%)	EXISTING 0<	
 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 Fractional Stories in Table 506.2. 	$\begin{array}{ c c c c c c c c } \hline NEW & 1 / UNIT & 0 & 1 / UNIT & 1 & N/A & N/A \\ \hline REQUIRED & 1 / UNIT & 0 & 1 / UNIT & 1 & N/A & N/A \\ \hline \end{array}$	
5 Frontage increase is based on the unsprinklered area value in Table 506.2.		

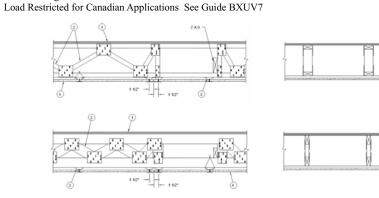
Proposed Apartments for: $t \sim 1/2$

Legacy River Trail	Burlington, NC	27217
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		CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTON. ALL DIMENSIONS, SPECS, AND DETAILS ARE TO BE VERIFIED BY THE CONTRACTOR/OWNER PRIOR TO STARTING CONSTRUCTION. FOX DESIGN, LLC ASSUMES NO LIABILITY ASSOCIATED WITH THESE DRAWINGS.
DHHS, etc., describe below)	INDEX OF DRAWINGS:	27244 (336)449-4940 grant@foxdesignllc.com
psf (for living spaces) (ASCE-7) %g 6.3 tta nent Frame a R/C or Special Steel Dynamic lo	ARCHITECTURAL: CS-1 COVER SHEET A-0 BUILDING CODE SUMMARY A-0.1 FIRE RATED ASSEMBLIES A-1 1st FLOOR PLAN A-2 2nd FLOOR PLAN A-3 3rd FLOOR PLAN & TYPICAL LIFE SAFETY PLAN A-4 FRONT & REAR EXTERIOR ELEVATIONS A-5 LLEFT & RIGHT EXTERIOR ELEVATIONS, STAIR DETAILS, CABINET ELEVATIONS A-6 ROOF PLAN, CABINET ELEVATIONS A-7 TYPICAL WALL SECTIONS STRUCTURAL: S-1 SLAB/FOUNDATION PLAN, SLAB DETAILS S-2 2nd & 3rd FLOOR STRUCTURAL PLAN, DETAILS S-2 2nd & 3rd FLOOR STRUCTURAL PLAN, DETAILS S-3 CEILING STRUCTURAL PLAN S-4 ROOF FRAMING PLAN, DETAIL PLUMBING: P-1 GENERAL NOTES, LEGENDS, SCHEDULES, & DETAILS P-2 1st FLOOR- PLUMBING, WATER DISTRIBUTION, WASTE & VENT P-3 2nd FLOOR- PLUMBING, WATER DISTRIBUTION, WASTE & VENT P-4 3rd FLOOR- PLUMBING, WATER DISTRIBUTION, WASTE & VENT P-5 SANITARY WASTE & VENT RISER DIAGRAMS P-6 UL PENETRATION DETAILS MECHANICAL: M-1 NOTES, COMPLIANCE CERTIFICATE, SCHEDULES, LEGEND, & ABBREVIATIONS M-2 1st FLOOR - MECHANICAL PLAN M-3 2nd FLOOR - MECHANICAL PLAN M-4 3rd FLOOR - MECHANICAL PLAN M-4 3rd FLOOR - MECHANICAL PLAN M-5 MECHANICAL PLAN M-4 3rd FLOOR - MECHANICAL PLAN	ROX DOX POR E20 AC
quired to meet the d portions of the project energy cost for the der of this section is not applicable) : <u>N/A</u>	M-5 MECHANICAL DETAILS ELECTRICAL: E-1 1st, 2nd, & 3rd FLOOR LIGHTING PLANS E-2 ELECTRICAL ENLARGED UNIT PLANS E-3 ELECTRICAL PANEL SCHEDULES E-4 ELECTRICAL POWER RISER DIAGRAM FIRE ALARM: FA-1 FIRE ALARM PLAN	Drawn By: JTB
ate		Checked By: GWF Date: 4/12/23 File: D&G Legacy Haw River V2
Proposed Budget U- Factor Cont. Proposed Budget U- Factor 0.0 0.027 0.027 1.9 0.669 0.64 0.600 0.400 0.600 0.400 0.600 0.400 0.600 0.400 0.600 0.400 0.600 0.540 0.580 0.540 Date		Image: Second system Image: Second system Image: Second

Design No. L528

Unrestrained Assembly Rating - 1 Hr. Finish Rating - 22 Min.



Flooring System The flooring system shall consist of one of the following: System No. 1 ubflooring 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 trusses with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d inged shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

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 trusses with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails Vapor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier (Optional) - Nom 0.010 in. thick commercial rosin-sized building pape Finish Flooring Min 3/4 in. thickness of lightweight insulating concrete with Perlite Aggregate* or ermiculite Aggregate* , or gypsum concrete See Perlite Aggregate (CFFX) and Vermiculite Aggregate (CJZZ) categories for names of

Subflooring Min 23/32 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 trusses with joints staggered

apor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. Floor Mat Materials* (Optional) Nom 6 mm thick floor mat material adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of floor opping mixture. When floor mat material is used, min thickness of floor topping mixture is 1 in. HACKER INDUSTRIES INC Type Hacker Sound-Mat. Alternate Floor Mat Materials* (Optional) Floor mat material nom 10 mm thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the

ent of a min 1-1/2 in. of floor-topping mi HACKER INDUSTRIES INC Type Hacker Sound-Mat II. Alternate Floor Mat Materials* (Optional) Floor mat material nom 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. HACKER INDUSTRIES INC Type Quiet Qurl 55/025 Alternate Floor Mat Materials* (Optional) Floor mat material nom 3/8 in. thick loose laid over

the subfloor. Floor topping thickness shall be a min of 1-1/2 in. HACKER INDUSTRIES INC Type Quiet Qurl 60/040 Alternate Floor Mat Materials* (Optional) Floor mat material nom 3/4 in thick loose laid over the abfloor. Floor topping thickness shall be a min of 1-1/2 in.

HACKER INDUSTRIES INC Type Quiet Qurl 65/075 Metal Lath (Optional) For use with 3/8 in. or 10 mm floor mat materials, 3/8 in. expanded steel liamond 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 -1/4 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 ng mixture to 1.9 cu ft of sand. HACKER INDUSTRIES INC Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firmill 4010, Firm-Fill High Strength, Gyp-Span Radiant System No. 4

Subflooring Min 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face rain of plywood or strength axis of panels to be perpendicular to the trusses with joints staggered. Vapor Barrier (Optional) Commercial asphalt saturated felt, 0.030 in. thick. loor Mat Materials* (Optional) - Min 3/8 in. to max 3/4 in. thick floor mat material loose laid over he subfloor. Floor topping thickness shall be as specified under Floor Topping Mixture. Alternate Floor Mat Materials* (Optional) - Nom 1/4 in. thick floor mat material loose laid over the

subfloor. Floor topping thickness shall be as specified under Floor Topping Mixture. JNITED STATES GYPSUM CO Levelrock Brand Floor Underlayment SRM-25 Alternate Floor Mat Materials* (Optional) - Nom 3/8 in. thick floor mat material loose laid over the abfloor. Floor topping thickness shall be as specified under Floor Topping Mixture. GRASSWORX L L C Type SC50

Alternate Floor Mat Material* (Optional) Floor mat material nominal 3/8 in. thick loose laid over he subfloor. Floor topping shall be a min 3/4 in. thick. OWENS CORNING Type OujetZone Acoustical Floor Mat Finish Flooring - Floor Topping Mixture* Min 3/4 in. thickness of floor topping mixture having a nin compressive strength of 1200 psi. Refer to manufacturer's instructions accompanying the

naterial for specific mix design. UNITED STATES GYPSUM CO Type LRK System No. 5

Subflooring Min 23/32 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 trusses with joints staggered apor Barrier-(Optional) Commercial asphalt saturated felt, 0.030 in. thick. 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 ncentrate 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 ELASTIZELL CORP OF AMERICA Type FF

System No. 6 Subflooring Min 23/32 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 trusses with joints staggered por Barrier-(Optional) Commercial asphalt saturated felt, 0.030 in. thick. 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 oncentrate 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. CELLULAR CONCRETE L L C Floor Topping Mixture

Subflooring Min 23/32 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 trusses with joints staggered apor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. Finish Flooring - Floor Topping Mixture* Min 1 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 hall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 62.5 lbs of Pea Gravel, 312.5 lbs of sand with 5-1/2 gal of water. LITE-CRETE INC Type I

System No. 8 Subflooring Min 23/32 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 trusses with joints staggered. Vapor Barrier (Optional) Commercial asphalt saturated felt. 0.030 in. thick. Floor Mat Materials* (Optional) - Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping thickness is 1 in. Floor topping

ickness a min 3/4 in. over Acousti-Mat I floor mat. MAXXON CORP Type Acousti-Mat I. Acousti-Mat II. Acousti-Mat II HP. Alternate Floor Mat Materials* - (Optional) - Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in. MAXXON CORP Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel liamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in. Alternate Floor Mat Materials* - (Optional) Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP Type Enkasonic 9110, Enkasonic 9110 HP. Alternate Floor Mat Materials* - (Optional) Nom 0.2 in thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor opping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP Type Acousti-Mat LP-R Metal Lath (Optional) For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq vd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose aid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP Type Crack Suppression Mat (CSM) Finish Flooring - Floor Topping Mixture* Min 3/4 in. thickness of floor topping mixture having a nin compressive strength of 1000 psi. Mixture shall consist of 3 to 7 gal of water to 80 lbs of floor topping mixture to 1.0 to 2.1 cu ft of sand.

MAXXON CORP Types D-C, GC, GC2000, L-R, T-F, CT System No. 9

Subflooring Min 23/32 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 trusses with joints staggered. Vapor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. Finish Flooring - Floor Topping Mixture* Min 3/4 in. thickness of floor topping mixture having 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, UOF-Plus 200 System No. 10

Subflooring Min 23/32 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 trusses with joints staggered. or Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. Floor Mat Materials* (Optional) - Nom 1/4 in thick floor mat material loose laid over the subfloor Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat. MAXXON CORP Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* - (Optional) - Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor opping thickness shall be min 1-1/2 in. MAXXON CORP Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM) Metal Lath (Alternate to Crack Suppression Mat (CSM) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be

min 1-1/2 in Alternate Floor Mat Materials* - (Optional) Nom 0.4 in, thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1-1/2 in. MAXXON CORP Type Enkasonic 9110, Enkasonic 9110 HP.

ernate Floor Mat Materials* - (Optional) Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor opping placement. Floor topping thickness shall be as specified under Floor Topping Mixture. MAXXON CORP Type Acousti-Mat LP-R Metal Lath (Optional) For use with floor mat materials, 3/8 in. expanded galvanized steel

diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in. MAXXON CORP Type Crack Suppression Mat (CSM) Finish Flooring - Floor Topping Mixture* Min 3/4 in. thickness of floor topping mixture having a

min compressive strength of 1200 psi. Mixture shall consist of 4 to 7 gal of water mixed with 80 lbs of floor topping mixture and 1.4 to 1.9 cu ft of sand. RAPID FLOOR SYSTEMS Types RF, RFP, RFU, RFR, Ortecrete System No. 11

Subflooring Min 1 by 6 in. T & G lumber fastened diagonally to trusses, 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 trusses 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 joints. HOMASOTE CO Type 440-32 Mineral and Fiber Board

System No. 12 Subflooring Min 23/32 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 trusses with joints staggered. Vapor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. bor Mat Materials* (Optional) - Min 3/8 in. to max 3/4 in. thick floor mat material loose laid over the subfloor. Floor topping thickness shall be as specified under Floor Topping Mixture. JNITED STATES GYPSUM CO Levelrock Brand Sound Reduction Board Alternate Floor Mat Materials* (Optional) - Nom 1/4 in. thick floor mat material loose laid over the subfloor. Floor topping thickness shall be as specified under Floor Topping Mixture.

TED STATES GYPSUM CO Levelrock Brand Floor Underlayment SRM-25 Alternate Floor Mat Materials* (Optional) - Nom 3/8 in thick floor mat material loose laid over the subfloor. Floor topping thickness shall be as specified under Floor Topping Mixture. GRASSWORX L L C Type SC50

Finish Flooring - Floor Topping Mixture* Min 1/2 in. thickness of floor topping mixture having a min compressive strength of 3000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design S GYPSUM CO Type HSLRK System No. 13

Subflooring Min 23/32 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 trusses with joints staggered. Vapor Barrier (Optional) - Commercial asphalt saturated felt, 0.030 in. thick. inish Flooring - Floor Topping Mixture* Min 3/4 in. thickness of floor topping having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design. ALLIED CUSTOM GYPSUM PLASTERWORKS L.L.

C Accu-Crete, AccuRadiant, AccuLevel G40 and AccuLevel SD30. lternate 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. LLIED CUSTOM GYPSUM PLASTERWORKS L L C. Type AccuOuiet P80, Type AccuOuiet C40, AccuOuiet D13, Type AccuOuiet RSM 20, Type

AccuQuiet RSM 32, Type AccuQuiet RSM 48, Type AccuQuiet RSM 64, Type AccuQuiet RSM 120, and Type AccuQuiet D-18. System No. 14

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. apor 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 f 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 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 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. 15 ubflooring 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 trusses

with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d inged shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. ypsum 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 Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP, Acousti-Mat 3, Acousti-Mat 3 HP, Enkasonic 9110, Enkasonic 9110 HP, Acousti-Mat LP-R. Gypsum Board* (For use when floor mat is used) Two layers of nom 5/8 in. thick, 4 ft wide

sum 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 GEORGIA-PACIFIC GYPSUM L L C Type DS

Trusses Parallel chord trusses, spaced a max 24 in. OC, fabricated from nom 2 by 4 in. lumber with lumber oriented vertically or horizontally. Min truss depth is 12 in. Truss members secured together with min No. 20 MSG galv steel truss plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split-tooth-type plate. Each tooth has a chisel point on its outside edge. hese points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx 7/8 in. centers with four rows of teeth per in. of plate

Furring Channels Furring channels, 7/8 in. deep by 2-9/16 in. or 2-11/16 in. or 2-23/32 in.

wide at the base and 1-7/16 in. wide at the face, formed from No. 25 ga galv steel, spaced 24 in. OC perpendicular to trusses. Channels secured to trusses with double strand of No. 18 SWG galv steel vire spaced 48 in. OC. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Two furring channels used at end joints of gypsum board (Item 4), each extending a min of 6 in. beyond both side edges of the board 3A. Resilient Channels (Not Shown) - As an alternate to Item 3, resilient channel formed from No. 26 MSG galv steel, spaced 16 in. OC perpendicular to trusses. Channels secured to each truss with 1-1/4 in. long No. 6 Type S bugle head steel screw. Channels overlapped at splices 4 in. Two resilient channels used at end joints of gypsum board (Item 4), each extending a min of 6 in. beyond

both side edges of the board.

channels to trusses (Item 2). Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to the bottom chord of alternating trusses with No. 8 x 2-1/2 in. coarse drywall screw through the center ommet. RSIC-V and RSIC-V (2.75) clips secured to the bottom chord of alternating trusses with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75)

overlapped as described in Item 3. As an alternate, ends of adjoining channels may be overlapped 6 in, and secured together with two min 7/16 in, long No. 6 self-tapping framing screws, at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 4. When Fiber Sprayed (Item 6) is used, furring channel spacing reduced to 16 in. OC and two layers of nom 5/8 h. thick, 4 ft wide gypsum board shall be installed as described in Item 4 PAC INTERNATIONAL INC Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75), Steel Framing Members* (Optional, Not Shown) - Used as an alternate method to attach furring channels to trusses. Clips spaced 48 in. OC., and secured to the bottom chord to alternating trusses with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 4. Two layers of gypsum board required as described in Item 4. Not evaluated for use with Item 6. When Item 3C is used and Batts and Blankets* are added per Section III Item 18 Blanket sulation in the General Information of this Directory (BXUV), clips spaced 48 in. OC, furring channels spaced 16 in. OC max, 3-1/2 in. max. Batts and Blankets* secured to plywood subfloor

ith staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC, and two layers of gypsum board required as described in Item 4A. When the Batts and Blankets* are draped over the furring channel/gypsum panel ceiling membrane, the clip spacing shall be reduced to 24 in. OC and secured to consecutive trusses, the furring channel spacing shall be reduced to 12 in. OC, and two layers of gypsum board required as described in Item 4A. KINETICS NOISE CONTROL INC Type Isoma D. Steel Framing Members* (Optional, Not Shown) - Used as an alternate method to attach min. 1/2 in. deep resilient channels (Item 3A) to trusses (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the bottom chord of each truss with a 1-3/4 in. long

flange. Adjoining resilient channels are overlapped 4 in. under trusses. The clip flange is opened slightly to accommodate the two overlapped channels. Additional clips required to hold resilient nnel that supports the gypsum board butt joints, as described in Item 4. KEENE BUILDING PRODUCTS CO INC Type RC Assurance. Steel Framing Members* (Optional, Not Shown) - Used as an alternate method to attach furring channels to trusses. Clips spaced 48 in. OC. and secured to the bottom chord to alternating trusses with one No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Additional clips required to

hold furring channel that supports the gypsum board butt joints, as described in Item 4. Not evaluated for use with Item 6. PLITEQ INC Type Genie Clip Resilient Channels Resilient channels, formed from No. 25 MSG galv steel and shaped as shown, spaced 12 in. OC perpendicular to joist. Channels overlapped 4 in. at splices and secured to each joist with 1-1/4 in. Type S screws. Min end clearance of channels to wall to be 1/2 in. lditional resilient channels positioned so as to coincide with end joints of gypsum board (Item

Gypsum Board* One layer of nom 5/8 in. thick, 4 ft wide gypsum board, installed with lon sion perpendicular to furring or resilient channels. Gypsum board secured with 1 in. long No 6 Type S bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. End joints secured to both resilient channels as shown in the end joint detail. When Steel Framing Members (Item 3B) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimension perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long No. 6 Type S bugle head screws spaced 12 in. OC in the field of the ard. Gypsum board butt joints shall be staggered 2 ft within the assembly, and shall occur between the main furring channels. At the gypsum board butt joints, each end of each gypsum boa

6 in. on each end. The two furring channels at each butt joint shall be spaced approximately 3-1/2 in. OC, and be attached to the bottom chord of the truss with one RSIC-1 clip at each end of the channel. Screw spacing along the gypsum board butt joint shall be 8 in. OC. When both Steel ming Members (Item 3B) and Fiber, Sprayed (Item 6) are used, furring channel spacing reduct to 16 in. OC and two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long nension perpendicular to furring channels. Base layer secured to furring channels with nom 1 in long No. 6 Type S bugle head screws spaced 12 in. OC in the field of the board. Gypsum board butt joints shall be staggered 2 ft within the assembly, and shall occur between the main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a

single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels at each butt joint shall be spaced approximately 3-1/2 in OC and be attached to the bottom chord of the truss with one RSIC-1 clip at each end of the channel. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Outer layer secured to furring channels usin 1-5/8 in. long No. 6 Type S screws spaced 8 in. OC and 1-1/2 in. from the end joint. Butted end joints to be offset a min. of 8 in. from base layer end joints. Butted side joints of outer layer to be offset min. 18 in, from butted side joints of base layer. When Steel Framing Members (Item 3C) and used, two layers of nom 5/8 in. thick, 4 ft wide are installed with long dimensions perpendicular to furring channels. Base layer attached to the furring channels using 1 in long No. 6 Type S bugle

head steel screws spaced 12 in. OC in the field of the board. Butted end joints shall be staggered min 2 ft. within the assembly, and occur midway between the continuous furring channels. Each en of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels shall be spaced approximately in OC and be attached to underside of the truss with one Isomax clip at each end of the channel Screw spacing along the gypsum board butt joint shall be 8 in. OC. Outer layer attached to the ing channels using 1-5/8 in. long No. 6 Type S bugle-head steel screws spaced 12 in. OC in the field. The end of the outer layer boards at the butt joint shall be attached to the base layer boards

offset min 18 in. from butted side joints of base layer. When Steel Framing Members (Item 3E) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long No. 6 Type S bugle-head steel screws spaced 12 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 16 in, within the assembly. At the gypsum board bu joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in, on each end. These additional furring channels shall be

vith 1-5/8 in. long Type G screws spaced 8 in. OC and 1-1/2 in. from the end joint. Butted end

joints to be offset a min of 8 in, from base layer end joints. Butted side joints of outer layer to be

5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring hannels. Base layer gypsum board secured with 1 in. long No. 6 Type S bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. End joints secured to both resilient channels as shown in the end joint detail. Outer layer gypsum board secured with 1-5/8 in. long No. 6 Type S bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. Outer layer shall be finished as described in Item 5. AMERICAN GYPSUM CO Type AG-C CERTAINTEED GYPSUM INC Types FRPC, Type C

CERTAINTEED GYPSUM CANADA INC Type C CGC INC Types C. IP-X2, IPC-AR GEORGIA-PACIFIC GYPSUM L L C Types 5, DAPC LAFARGE NORTH AMERICA INC Types LGFC-C, LGFC-C/A NATIONAL GYPSUM CO Types FSK-C, FSW-C, FSW-G PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM Type C

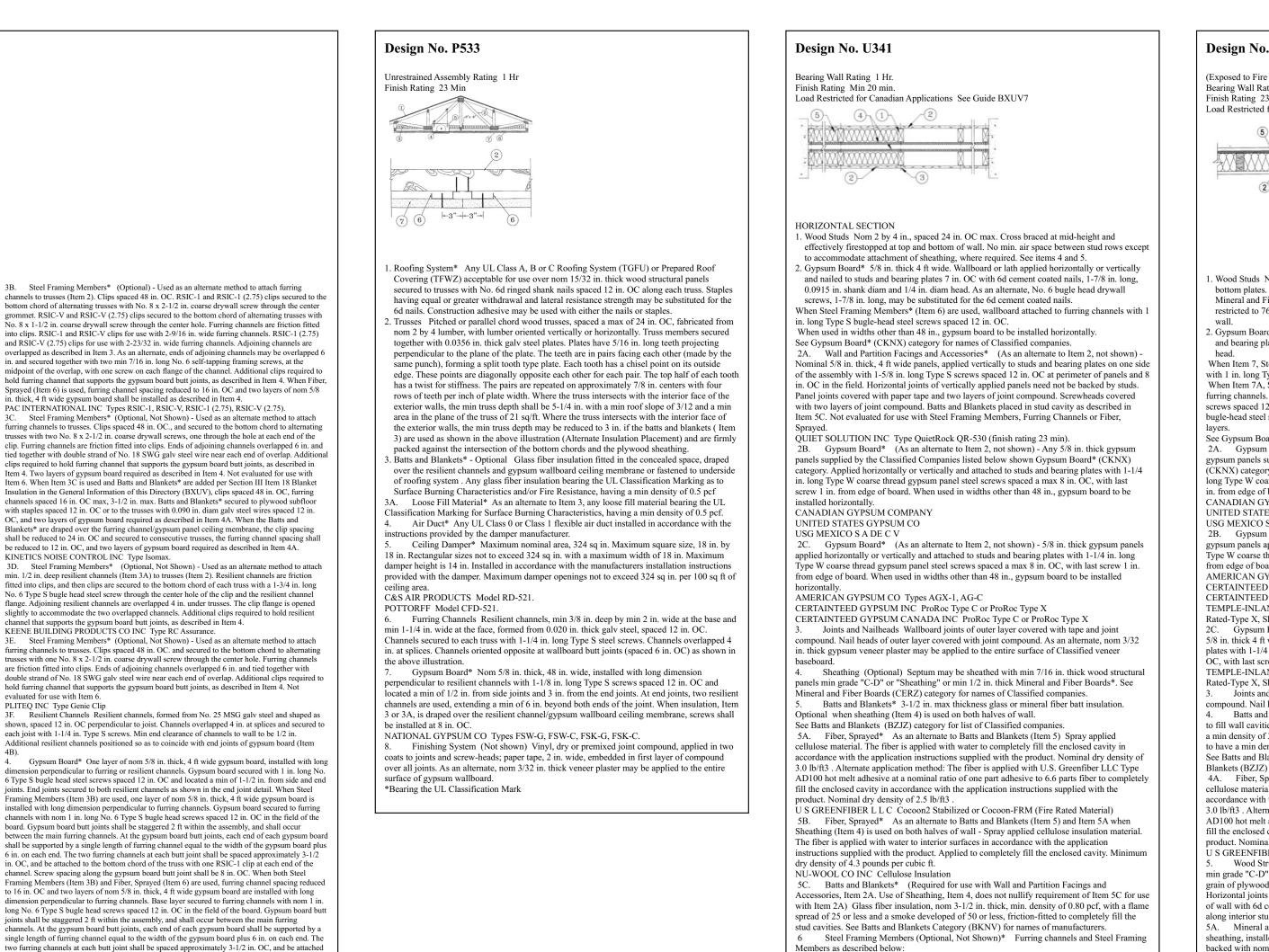
TEMPLE-INLAND Type TG-C UNITED STATES GYPSUM CO Types C. IP-X2, IPC-AR USG MEXICO S A DE C V Types C, IP-X2, IPC-AR Gypsum Board For use when Item 3C is used and Batts and Blankets* are secured to the plywood subfloor, to the trusses or draped over the furring channel/gypsum panel ceiling membran as described in Item 3C. For method of gypsum board installation, see Item 4. CGC INC Types C. IP-X2, IPC-AR UNITED STATES GYPSUM CO Types C, IP-X2, IPC-AR USG MEXICO S A DE C V Types C, IP-X2, IPC-AR

4B. Gypsum Board* For use when Batts and Blankets* (Item 7A) and Resilient Channels (Item 3F) are used. Nom 5/8 in. thick, 4 ft wide gypsum board installed with long dimension perpendicular to resilient channels. Nom 1 in, long No. Type S bugle head screws are driven through channel spaced 8 in. OC. End joints of gypsum board similarly fastened to additional silient channels positioned at end joint locations. AMERICAN GYPSUM CO Type AG-C. Finishing System (Not Shown) - Vinyl, dry or premixed joint compound, applied in two

over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface Fiber, Sprayed* (Not Shown, Optional) Spray-applied cellulose insulation material. The fiber is applied with water within the concealed space, over the resilient channel/gypsum board ceiling membrane, in accordance with the application instructions supplied with the product, and antially fill the concealed space. Nominal dry density of 3.0 lb/ft3 . Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nomina ratio of one part adhesive to 6.6 parts fiber in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft3. Alternate application method: The fiber is

applied without water or adhesive at a nominal dry density of 3.0 lb/ft3, in accordance with the application instructions supplied with the product. When Item 6 (Fiber, Sprayed) is used, Furring Channels (Item 3) or Resilient Channels (Item 3A) spacing shall be reduced to 12 in, OC, When Item 6 (Fiber, Sprayed) is used, two layers of gypsum board required as described in Item 4. Not evaluated for use with Item 3C. U S GREENFIBER L L C Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material) Batts and Blankets* (Not Shown) For use with Item 3E Nom 3 in. thick mineral wool insulation held suspended in the concealed space with 0.090 in. diam galv steel wires attached to the

wood trusses at 18 in. OC 7A. Batts and Blankets* For Use With Items 3F and 4B - Glass fiber insulation draped over the resilient channel/gypsum panel ceiling membrane. Max. 3-1/2 in. thickness of glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance having a min. density of 0.5 pcf. Bearing the UL Classification Mark



attached to underside of the truss with Genie clips as described in Item 3E. Screw spacing along the um board butt joint shall be 6 in. OC. When Fiber, Sprayed (Item 6) is used, two layers of nor

coats to joints and screw-heads. Nom 2 in, wide paper tape embedded in first layer of compound

attached to furring channels as described in Item 2. B. Steel Framing Members* Used to attach furring channels (Item a) to studs (Item 1) Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. PAC INTERNATIONAL INC Type RSIC-1. Wall and Partition Facings and Accessories* (Optional, Not shown) Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the

A. Furring Channels Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep,

spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends

of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG

galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be

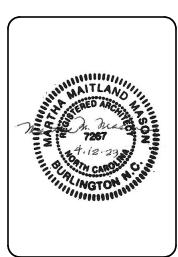
overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in.

long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard

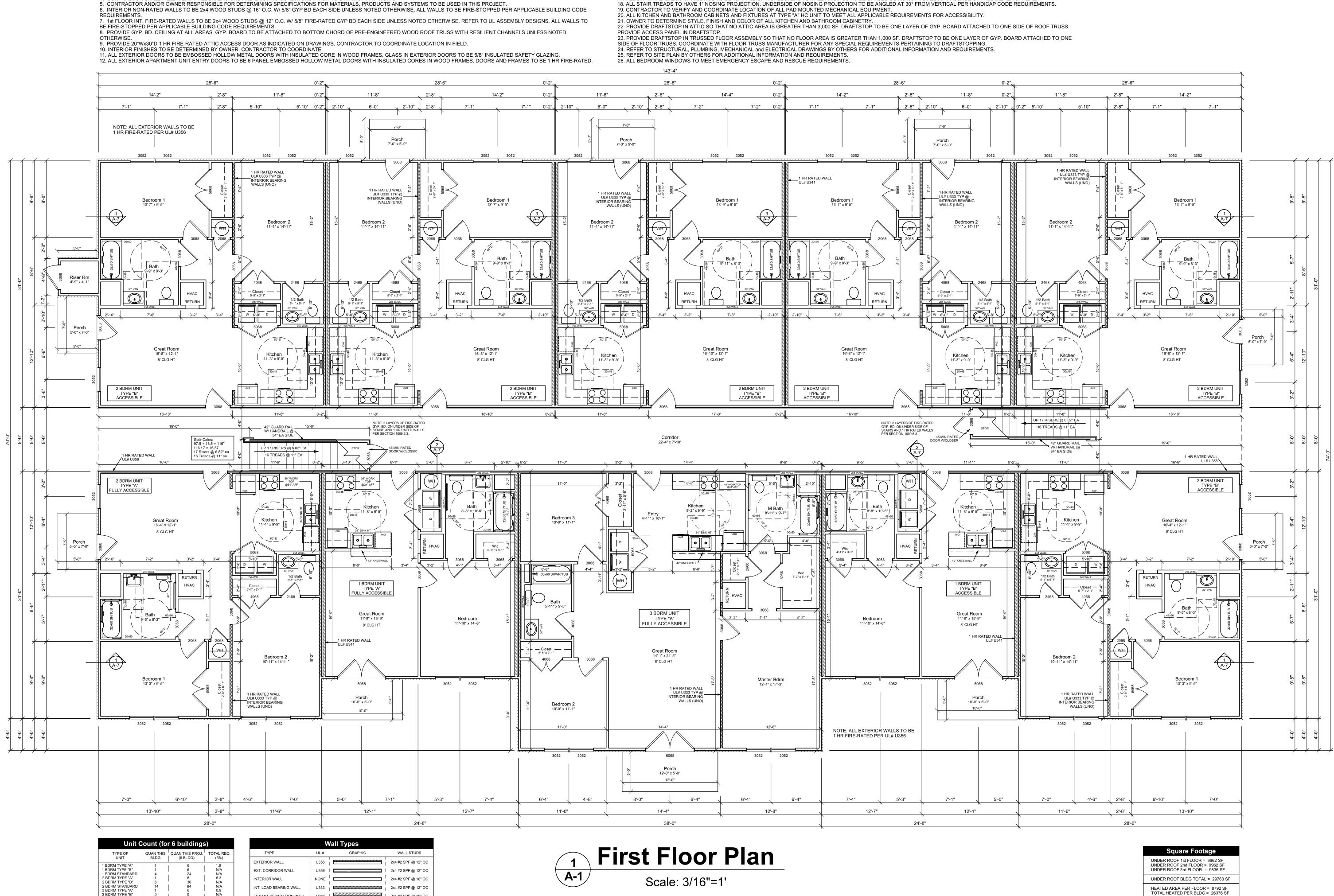
equired UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener ype and spacing, except that the required fastener length shall be increased by a minimum of $\frac{1}{2}$ in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified ypsum Board QUIET SOLUTION INC Type QuietRock QR-510. Bearing the UL Classification Mark

	[
Design No. U356	Design No. U333
(Exposed to Fire on Interior Face Only) Bearing Wall Rating 1 Hr Finish Rating 23 Min or 25 Min (See Item 2C)	Bearing Wall Rating 1 HR. Finish Rating 23 min. Load Restricted for Canadian Applicatio
Load Restricted for Canadian Applications See Guide BXUV7	
	10000000 10000
2 1 4 FIRE SIDE	
HORIZONTAL SECTION	1. Wood Studs Nom 2 by 4 in., spaced 1
	 Gypsum Board* 5/8 in. thick, 4 ft wid attached to studs and plates with 1-1/4 AMERICAN GYPSUM CO Types AG-
1. Wood Studs Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally-braced by wood structural panel sheathing (Item 5). When	CERTAINTEED GYPSUM INC ProRo CERTAINTEED GYPSUM CANADA I CANADIAN GYPSUM COMPANY TY
Mineral and Fiber Boards* (Item 5A) are considered as bracing for the studs, the load is restricted to 76% of allowable axial load. Walls effectively fire stopped at top and bottom of wall.	G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP Type 5. LAFARGE NORTH AMERICA INC Ty
2. Gypsum Board* Any Classified 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.	NATIONAL GYPSUM CO Types FSK- PABCO BUILDING PRODUCTS L L C PABCO GYPSUM Type C or PG-C.
When Item 7, Steel Framing Members*, is used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. When Item 7A, Steel Framing Members*, is used, two layers of gypsum panels attached to	TEMPLE-INLAND FOREST PRODUC UNITED STATES GYPSUM CO Types USG MEXICO S A DE C V Types C, II
furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base	3. Batts and Blankets* (Optional) stud cavity. THERMAFIBER INC Type SAFB.
layers. See Gypsum Board (CKNX) Category for names of Classified Companies. 2A. Gypsum Board* (As an alternate to Item 2, not shown) - Any 5/8 in. thick 4 ft wide	3A. Fiber, Sprayed* As an alternatic cellulose material. The fiber is applied w accordance with the application instruction
gypsum panels supplied by the Classified Companies listed below shown Gypsum Board* (CKNX) category. Applied vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1	3.0 lb/ft3 . Alternate application method: AD100 hot melt adhesive at a nominal ra fill the enclosed cavity in accordance wi
in. from edge of board. CANADIAN GYPSUM COMPANY UNITED STATES GYPSUM CO	product. Nominal dry density of 2.5 lb/ft U S GREENFIBER L L C Cocoon2 Sta 3B. Fiber, Sprayed* As an alternat
USG MEXICO S A DE C V 2B. Gypsum Board* (As an alternate to Item 2, not shown) - 5/8 in. thick 4 ft wide gypsum panels applied vertically and attached to studs and bearing plates with 1-1/4 in. long	applied cellulose insulation material. The accordance with the application instructi fill the enclosed cavity. Minimum dry de
Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. AMERICAN GYPSUM CO Types AGX-1, AG-C	NU-WOOL CO INC Cellulose Insulation 4. Joints and Nailheads Wallboard Screw heads covered with joint compound
CERTAINTEED GYPSUM INC ProRoc Type C or ProRoc Type X CERTAINTEED GYPSUM CANADA INC ProRoc Type C or ProRoc Type X TEMPLE-INLAND FOREST PRODUCTS CORP Type X, Veneer Plaster Base-Type X, Water	*Bearing the UL Classification Mark
Rated-Type X, Sheathing Type-X,Soffit-Type X 2C. Gypsum Board* (As an alternate to Item 2, not shown) For Use with Item 5A only - 5/8 in. thick 4 ft wide gypsum panels applied horizontally and attached to studs and bearing	
plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screws 1 in.and 4 in. from edges of board. Finish Rating is 25 min. TEMPLE-INLAND FOREST PRODUCTS CORP Type X, Veneer Plaster Base-Type X, Water	
 Rated-Type X, Sheathing Type-X,Soffit-Type X Joints and Nailheads (Not Shown) Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound. 	
4. Batts and Blankets* Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates. Mineral fiber insulation to be unfaced and to have a min density of 3 pcf. Glass fiber insulation to be faced with aluminum foil or kraft paper and	
to have a min density of 0.9 pcf (min R-13 thermal insulation rating). See Batts and Blankets (BKNV) Category in the Building Materials Directory and Batts and Blankets (BZJZ) Category in the Fire Resistance Directory for names of Classified Companies.	
4A. Fiber, Sprayed* As an alternate to Batts and Blankets (Item 4) Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 20 h/00 - h/000 - h/0000 - h/00000 - h/0000 - h/00000 - h/0000 - h/0000 - h	
3.0 lb/ft3 . Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the application instructions supplied with the	
 product. Nominal dry density of 2.5 lb/ft3. U S GREENFIBER L L C Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material) 5. Wood Structural Panel Sheathing Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing". Installed with long dimension of sheet (strength axis) or face 	
In grade C-D of Sheating , instance with long dimension of sheet (strength axis) of face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated box nails spaced 6 in. OC at perimeter of panels and 12 in. OC	
 5A. Mineral and Fiber Boards* As an alternate to Item 5 - Min 1/2 in. thick, 4 ft wide sheathing, installed vertically to studs. Vertical joints centered on studs. Horizontal joints 	
backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 1-1/2 in. long galvanized roofing nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs. As an option a weather resistive barrier may be applied over the Mineral and	
Fiber Boards. TEMPLE-INLAND FOREST PRODUCTS CORP Types FiberBrace or QuietBrace 6. Exterior Facings Installed in accordance with the manufacturer's installation	
instructions. One of the following exterior facings is to be applied over the sheathing:A. Vinyl Siding Molded Plastic* Contoured rigid vinyl siding having a flame spread value of 20 or less.	
See Molded Plastic (BTAT) category in the Building Materials Directory for names of manufacturers. B. Particle Board Siding Hardboard exterior sidings including patterned panel or lap	
siding. C. Wood Structural Panel or Lap Siding APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard	
PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding. D. Cementitious Stucco Portland cement or synthetic stucco systems with self-furring	
metal lath or adhesive base coat. Thickness from 3/8 to 3/4 in., depending on system. E. Brick Veneer Any type on nom 4 in. wide brick veneer. When brick veneer is used, the rating is applicable with exposure on either face. Brick veneer fastened with corrugated	
metal wall ties attached over sheathing to wood studs with 8d nail per tie: ties spaced not more than each sixth course of brick and max 32 in. OC horizontally. One in. air space provided between brick veneer and sheathing.	
F. Exterior Insulation and Finish System(EIFS) Nom 1 in. Foamed Plastic* insulation bearing the UL Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's	
instructions. See Foamed Plastic (BRYX and CCVW) categories for names of Classified companies. G. Siding Aluminum or steel siding attached over sheathing to studs.	
 H. Fiber-Cement Siding Fiber-cement exterior sidings including smooth and patterned panel or lap siding. 7. Steel Framing Members (Optional, Not Shown)* Furring Channels and Steel 	
Framing Members as described below: a. Furring Channels Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of odioing advanced area questioned 6 in and tiod together with double strand of No. 18 SWG	
of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in.	
 long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2. b. Steel Framing Members* Used to attach furring channels (Item 7a) to studs. Clips are added to attached to attache furring channels (Item 7a) to studs. 	
spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. PAC INTERNATIONAL INC Type RSIC-1. 74 Steel Framing Members (Optional Not Shown)* Eurring channels and Steel Framing	
 7A. Steel Framing Members (Optional, Not Shown)* Furring channels and Steel Framing Members as described below: a. Furring Channels Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to stude. Channels accured to stude as described in Item b. Ends of adjoining channels are 	
to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Two layers of gypsum board attached to furring channels as described in Item 2.	
b. Steel Framing Members* Used to attach furring channels (Item 7Aa) to interior side of studs. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.	
KINETICS NOISE CONTROL INC Type Isomax. *Bearing the UL Classification Mark	

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R.	
dian Applications See Guide BXUV7	
 4 in., spaced 16 in. OC effectively cross braced. 4. thick, 4 ft wide, applied either vertically or horizontally, screw lates with 1-1/4 in. long Type W steel screws, spaced 12 in. OC. CO Types AG-C. M INC ProRoc Type C. M CANADA INC ProRoc Type C. COMPANY Types C, IP-X2, IPC-AR. B OF RP Type 5. ERICA INC Types LGFC-C, LGFC-C/A. O Types FSK-C, FSW-G, FSW-G. DDUCTS L L C, DBA C or PG-C. EST PRODUCTS CORP Type TG-C. UM CO Types C, IP-X2, IPC-AR. * (Optional) Mineral wool insulation, partially or completely filling ype SAFB. As an alternate to Batts and Blankets (Item 3) Spray applied ber is applied with water to completely fill the enclosed cavity in cation instructions supplied with the product. Nominal dry density of cation method: The fiber is applied with U.S. Greenfiber LLC Type at a nominal ratio of one part adhesive to 6.6 parts fiber to completely accordance with the application instructions supplied with the groduct. Nominal dry density of cation instructions supplied with water to interior surfaces in cation instructions supplied with the product. Applied to completely accordance with the application instructions supplied with the sity of 2.5 lb/ft3 . C Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material) As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray on material. The fiber is applied with water to interior surfaces in cation instructions supplied with the product. Applied to completely filminum dry density of 4.3 pounds per cubic ft. Holsoe Insulation ds Wallboard joints covered with paper tape and joint compound. a. joint compound. ation Mark 	



Drawn By: JTB					
Checked By: GWF					
0	Dat	e: 4,	/12/	23	
F	ile		G Leo v Riv		2
ons:	Remarks				
Revisions:	Date				
		Pro	ject	t:	
Legacy @ Haw River Version 2 Burlington, NC					
DeBoer & Gabriel Builders, Inc					
6 Apt Buildings 1 Clubhouse					
Scale:					
N.T.S.					
Sheet No:					
A-0.1					
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1. CONTRACTOR TO COMPLY W/ ALL APPLICABLE BLDG. CODES AND REGULATIONS.

4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO START OF ANY WORK.

FENANT SEPARATION WALL

N/A

3 BDRM STANDARD

THE REQUIRED 5% TYPE "A" UNITS IS MET.

U341

2x4 #2 SPF @ 16" C

GENERAL NOTES:

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND APPROVALS INCLUDING ALL FEES ASSOCIATED WITH PERMITS AND APPROVALS.
 CONTRACTOR SHALL PROVIDE ALL SUPERVISION, LABOR, MATERIAL, EQUIPMENT, MACHINERY AND ANY AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE WORK.

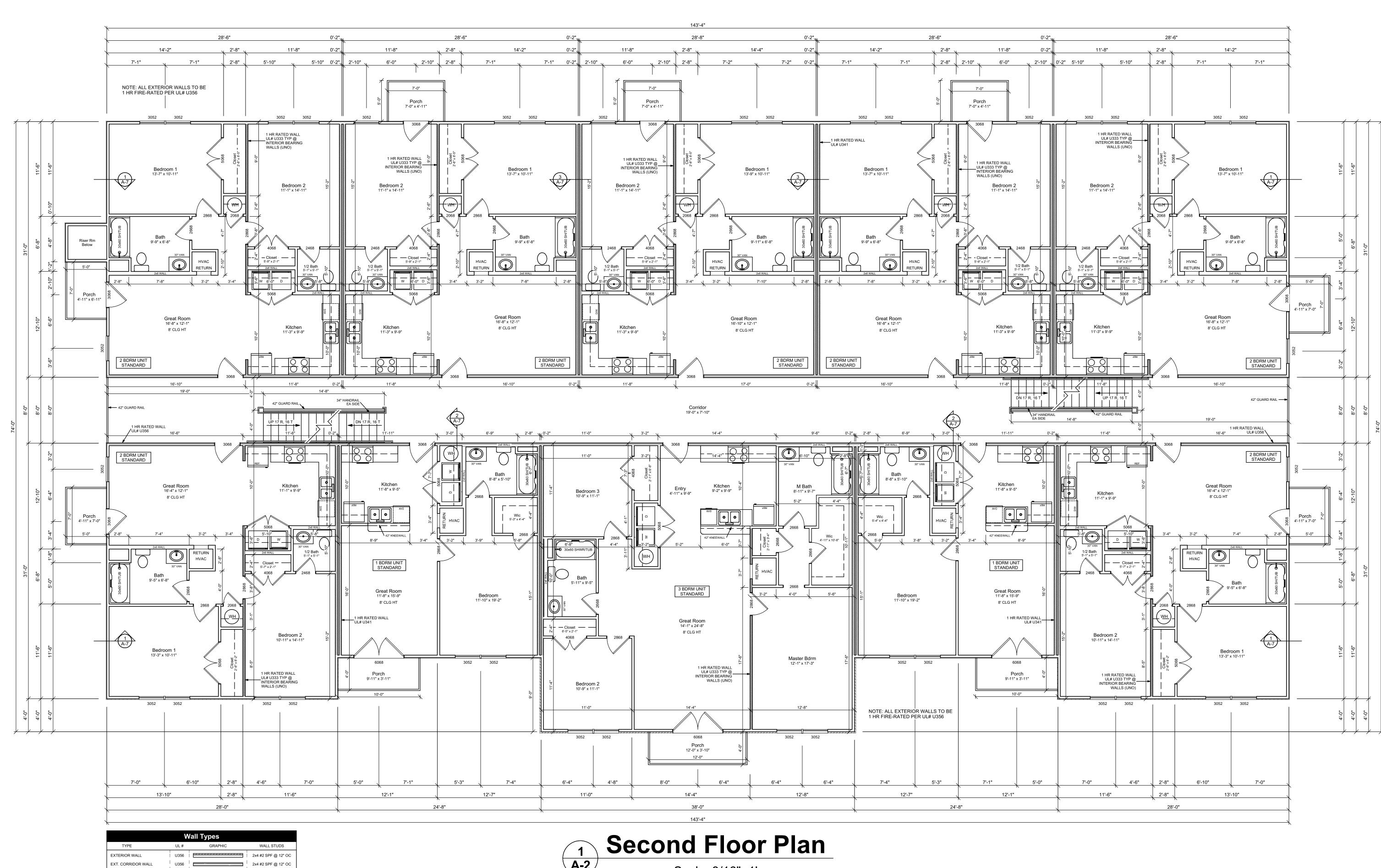
13. ALL INTERIOR DOORS TO BE 6 PANEL HOLLOW CORE WOOD DOORS IN SIZES AS INDICATED ON DRAWINGS. 14. ALL DOOR HARDWARE TO BE H/C COMPLIANT. ALL LATCHSETS AND LOCKSETS TO HAVE LEVER TYPE HANDLES. 15. PROVIDE WEATHERSTRIPPING AND ALUM. THRESHOLDS AT ALL EXTERIOR DOORS.

16. ALL HVAC CLOSETS TO HAVE LOUVERED DOORS. 17. ALL STAIR AND BALCONY RAILINGS TO BE 42" IN HEIGHT. BALUSTERS FOR ALL RAILINGS TO BE SPACED SO AS NOT TO ALLOW PASSAGE OF 4" DIAMETER SPHERE. 18. ALL STAIR TREADS TO HAVE 1" NOSING PROJECTION. UNDERSIDE OF NOSING PROJECTION TO BE ANGLED AT 30° FROM VERTICAL PER HANDICAP CODE REQUIREMENTS.

o. CLATH CAROLA C Drawn By: JTB Checked By: GWF Date: 4/12/23 File: D&G Legacy Haw River V2 Revision Date Project: Legacy @ Haw River Version 2 Burlington, NC DeBoer & Gabriel Builders, Inc 6 Apt Buildings 1 Clubhouse Scale: 3/16"=1' Sheet No: **A-1**

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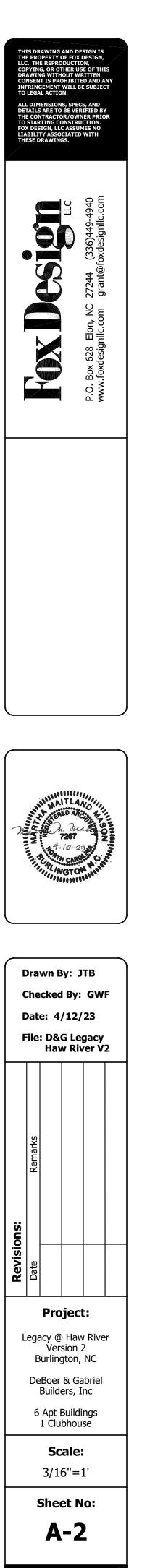
INTERIOR WALL NONE INT. LOAD BEARING WAL U333 FENANT SEPARATION WALL U341

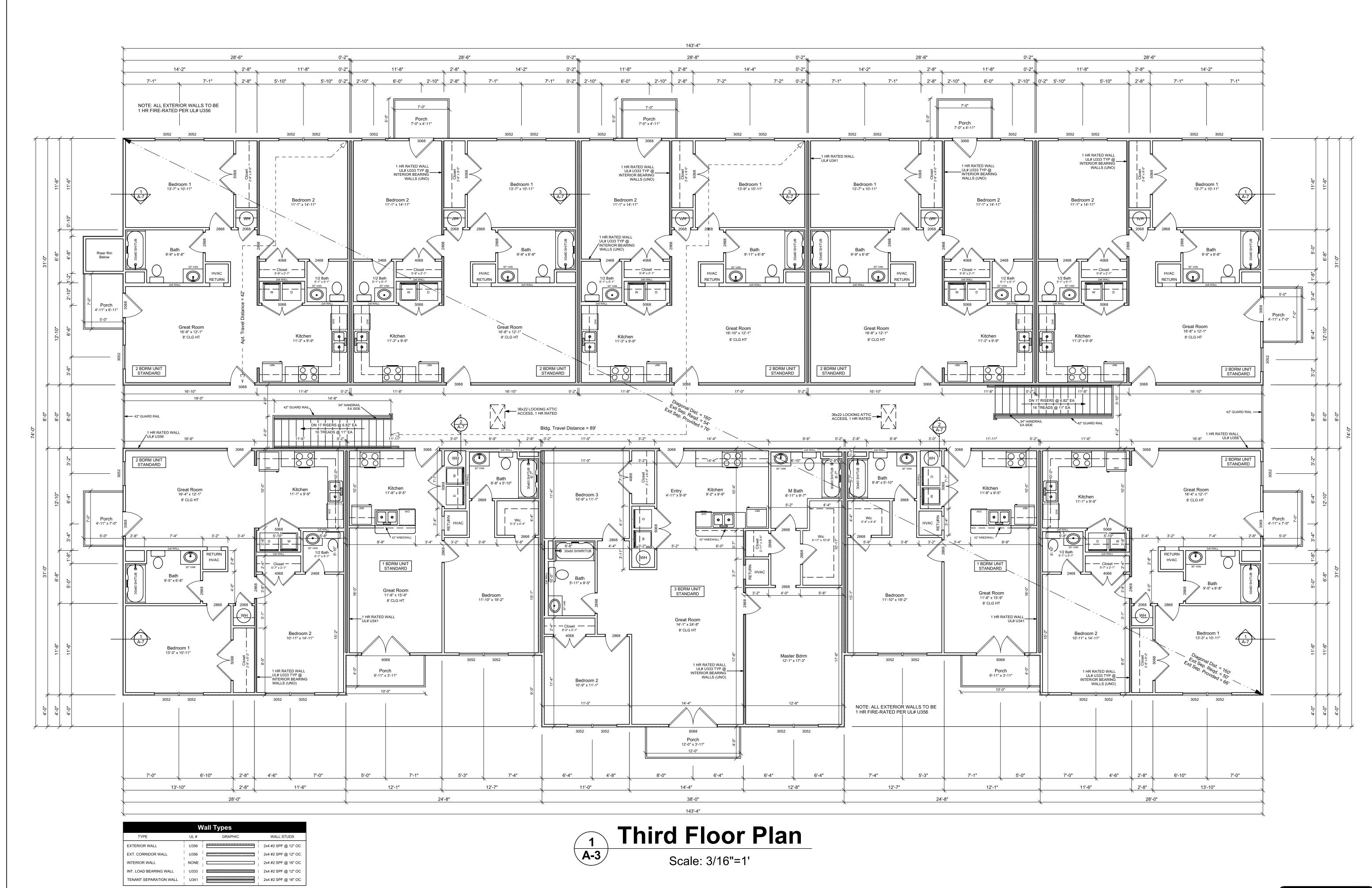
2x4 #2 SPF @ 16" OC

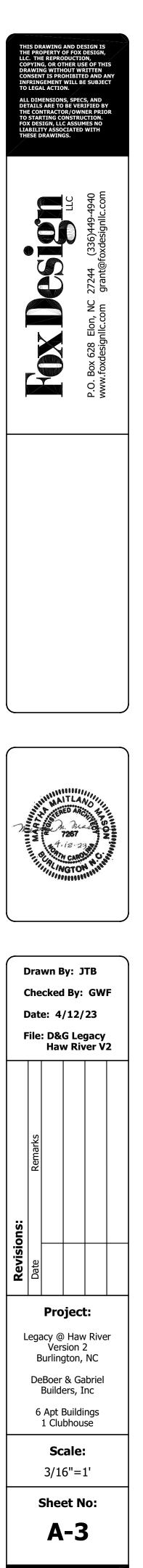
2x4 #2 SPF @ 12" O

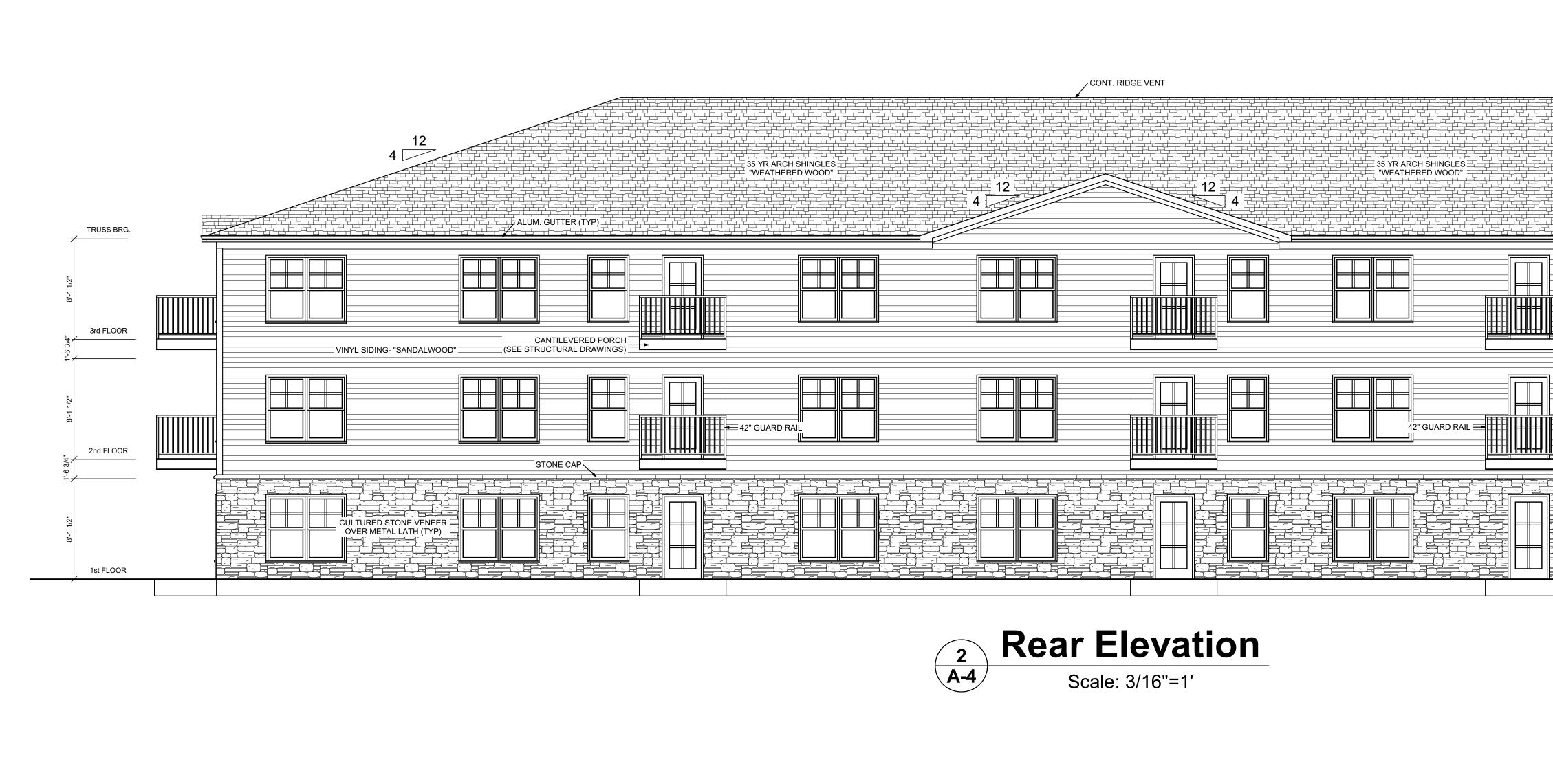
2x4 #2 SPF @ 16" OC





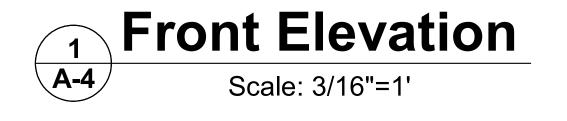




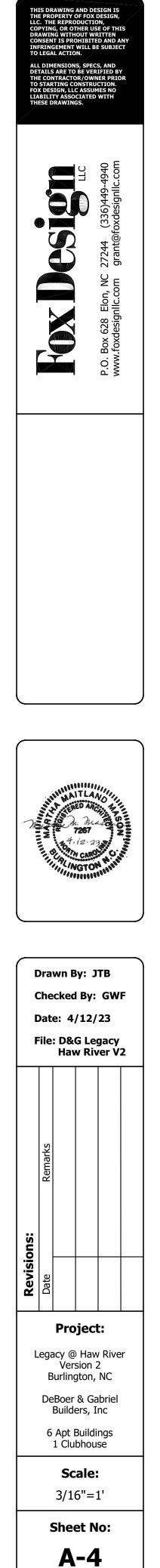




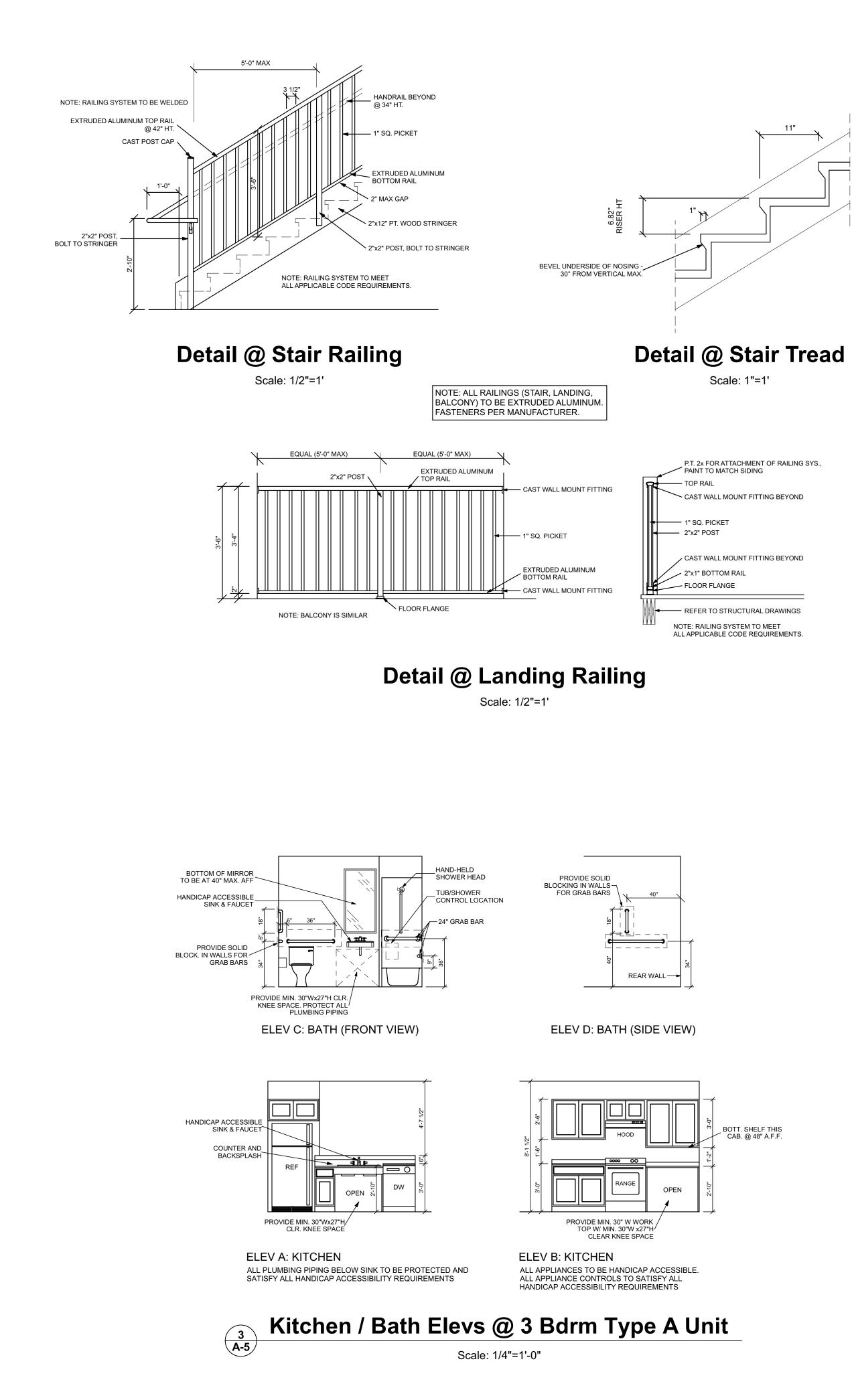




12 12 4 ALUM. GUTTER (TYP)	
CANTILEVERED PORCH (SEE STRUCTURAL DRAWINGS) VINYL SIDING- "SANDALWOOD"	



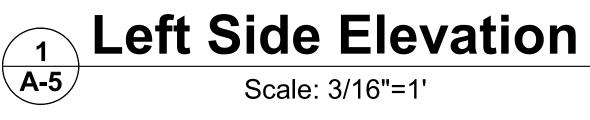
Apartments V2



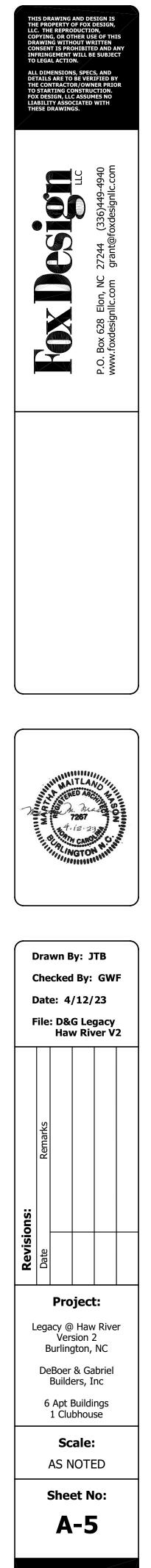


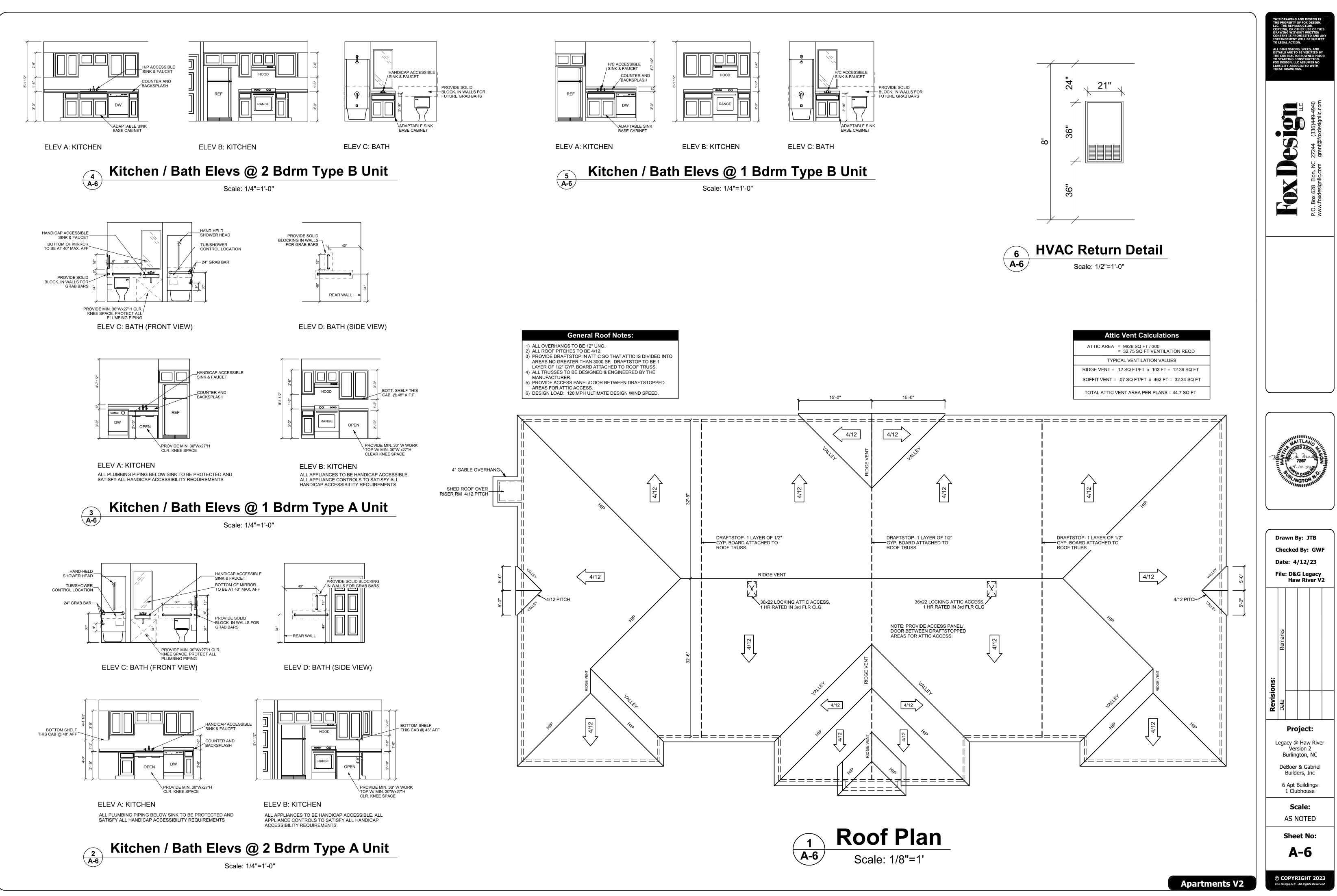


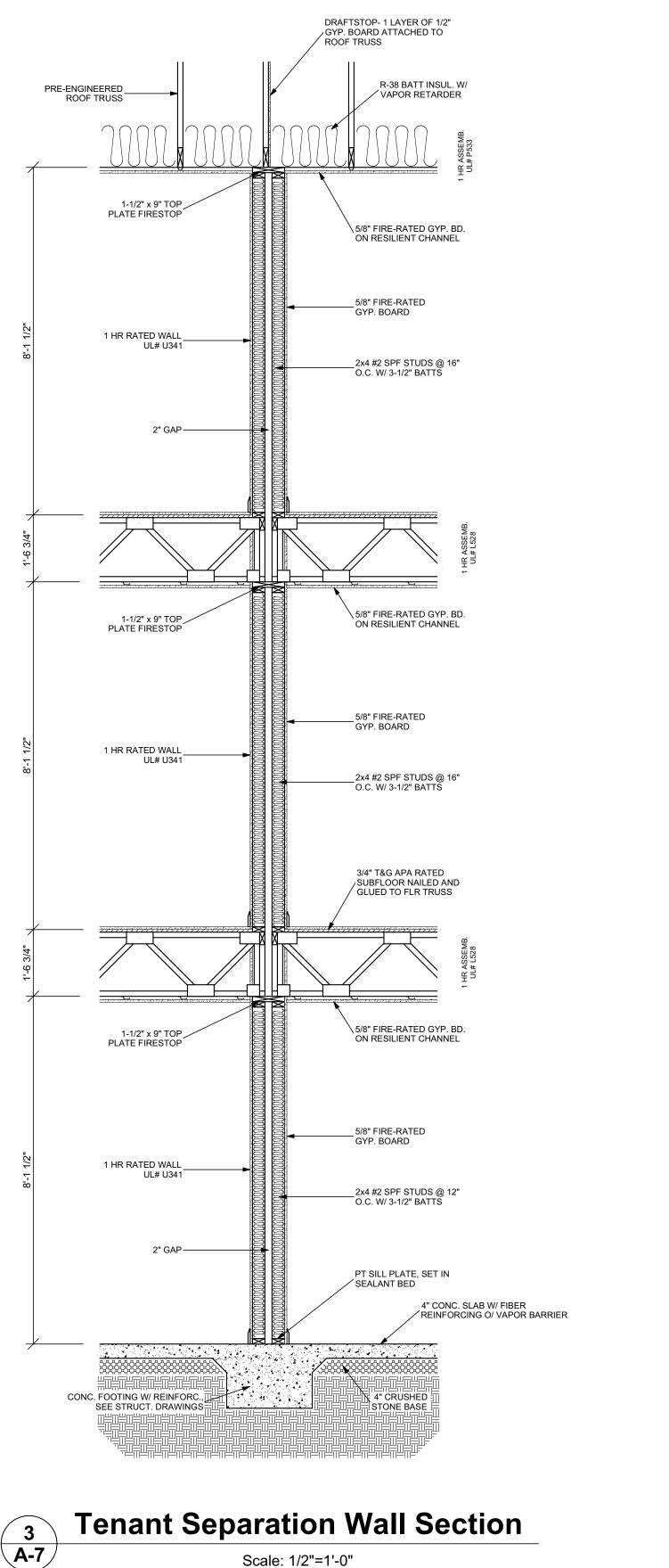




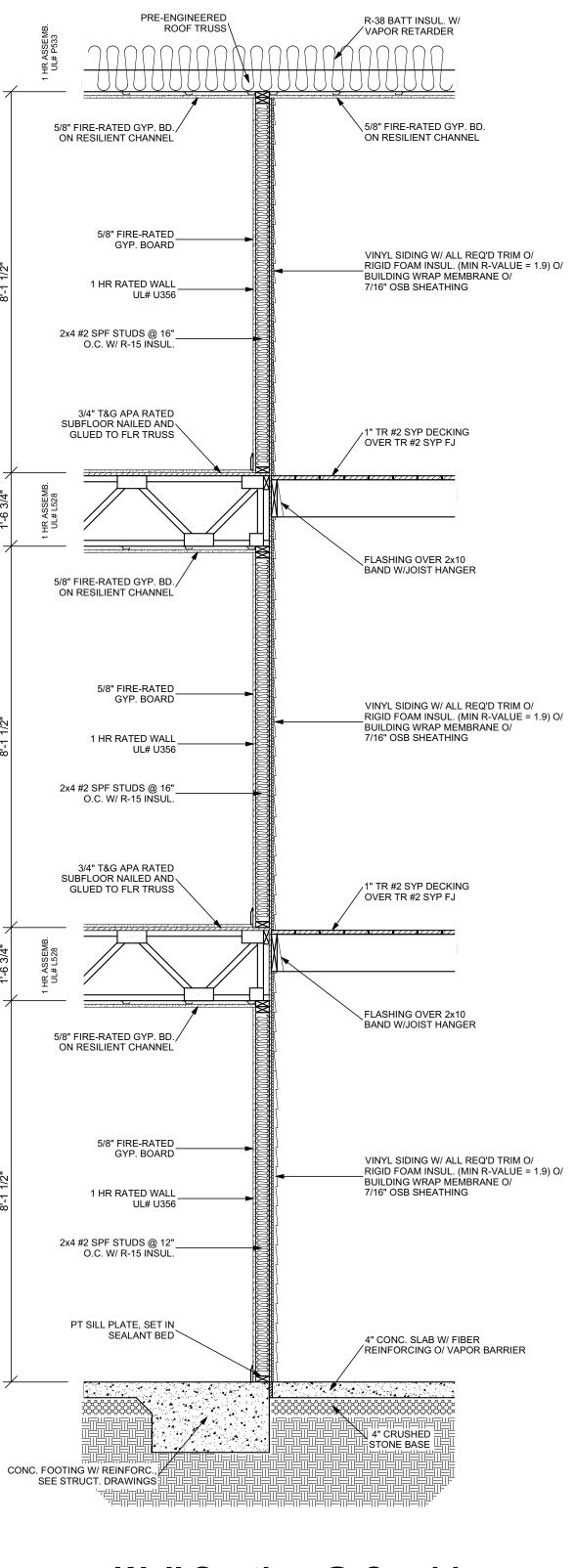




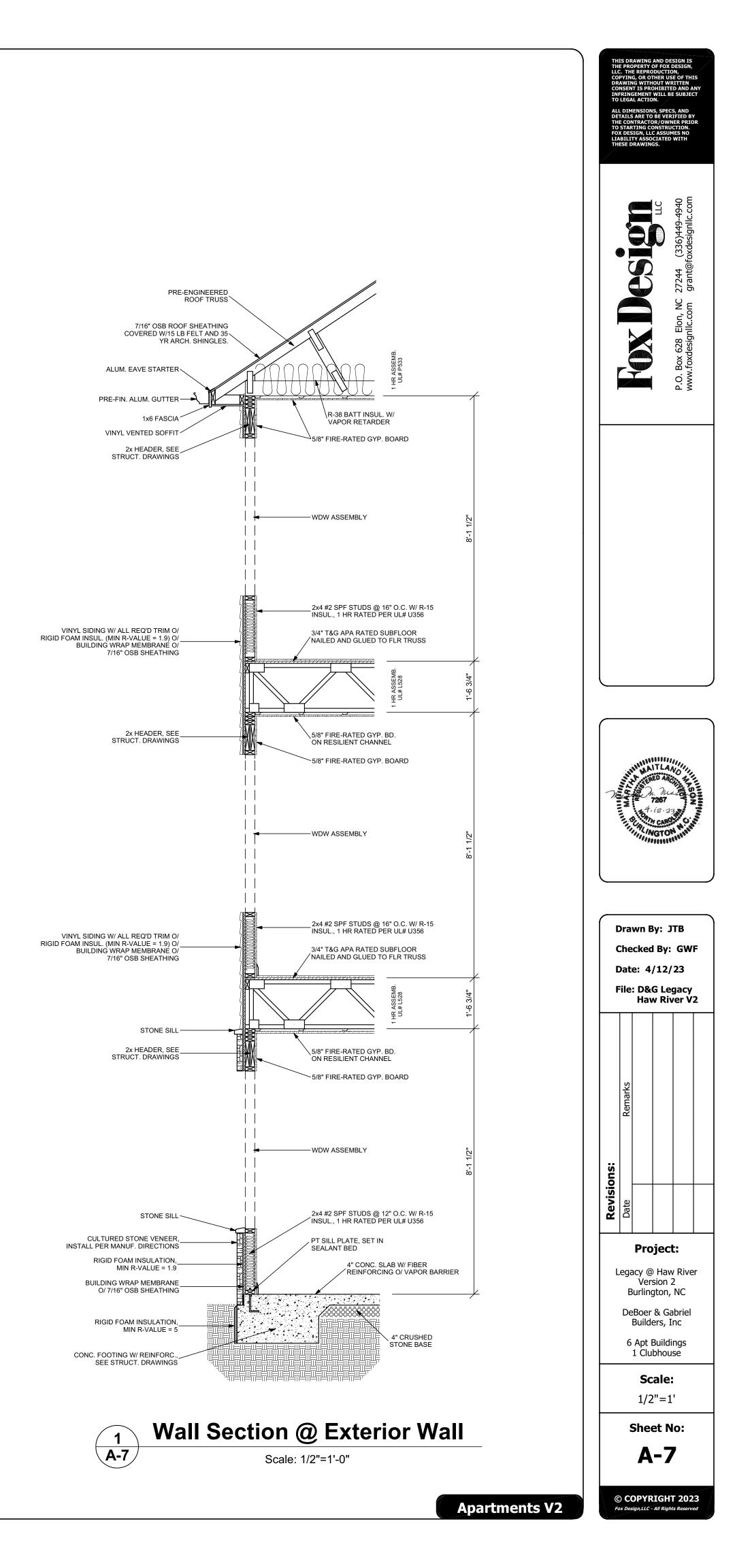


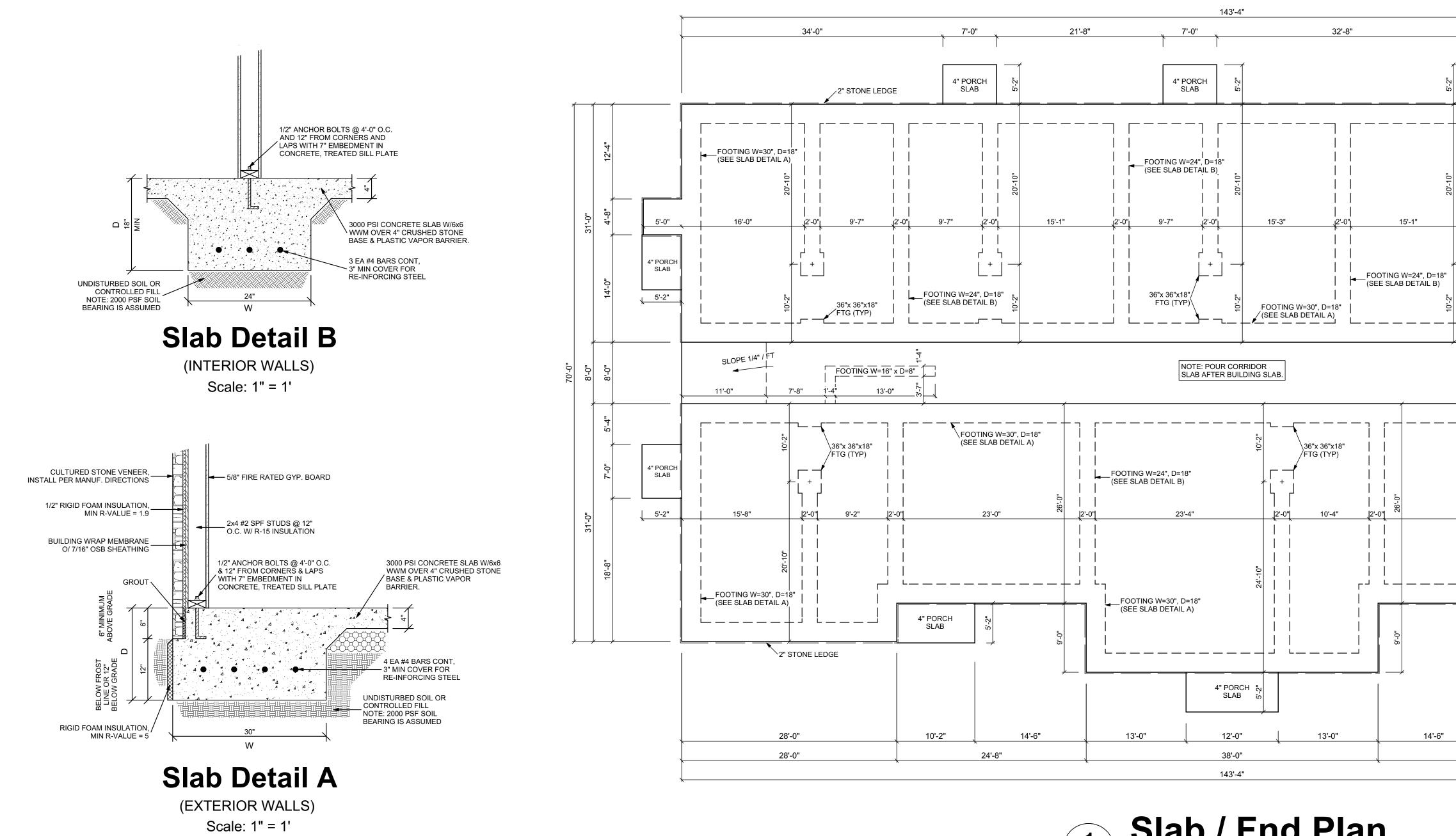


Scale: 1/2"=1'-0"



Wall Section @ Corridor <u>2</u> **A-7** Scale: 1/2"=1'-0"





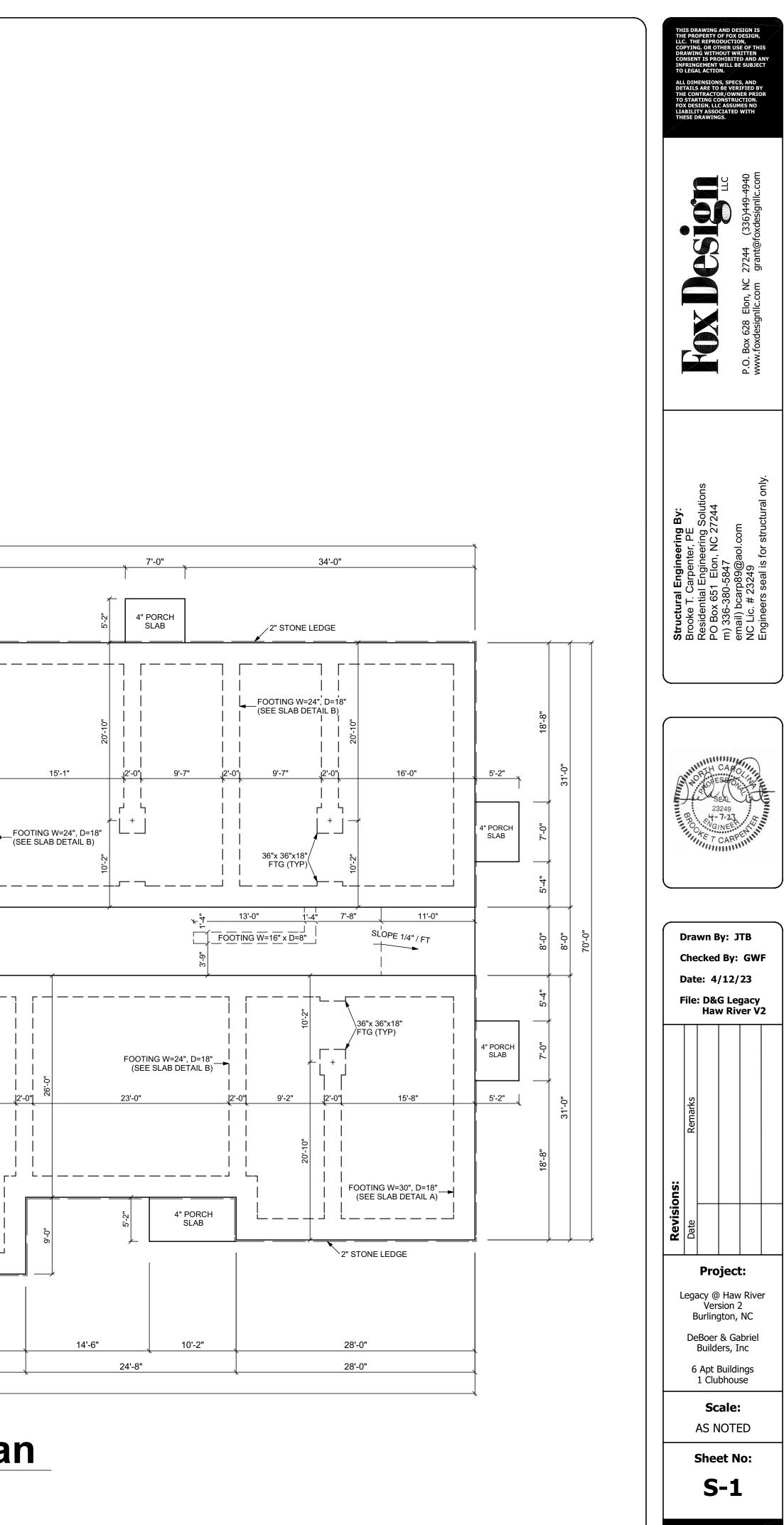
Structural Notes:

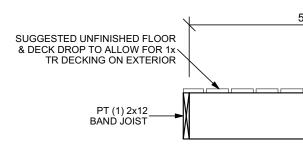
- 1) PERIMETER WALL FOOTINGS TO BE 30"x18" CONT CONC MIN W/ 4 EA #4 BARS. INTERIOR FTGS TO BE 24"x18" CONC W/ 3 EA #4 BARS. 2) 2000 PSF SOIL BEARING ASSUMED. 3000 PSI CONC ASSUMED.
- 3) PROVIDE 1/2" ANCHOR BOLTS AT 48" OC (7" MIN EMBEDMENT) AND 12" FROM CORNERS AND LAPS.
- 4) AT EACH EXTERIOR CORNER, A SIMPSON PA51 OR EQUIV STEEL TIE-DOWN IS REQUIRED.
- 5) 1st FLOOR LOAD-BEARING WALLS TO BE FRAMED WITH 2x4 #2 SPF STUDS @ 12" OC. 2nd & 3rd FLOOR WALLS TO BE @ 16" OC.
- 6) 2nd & 3rd FLOOR CORRIDOR FRAMING TO BE 2x10 #2 TREATED SYP FJ
- @ 16" OC. TRIPLE FRAME AROUND STAIR OPENINGS.
 7) DIMENSIONS ARE TO THE OUTSIDE OF THE WALL FRAMING. STONE LEDGE IS 2" BEYOND EDGE OF FRAMING.

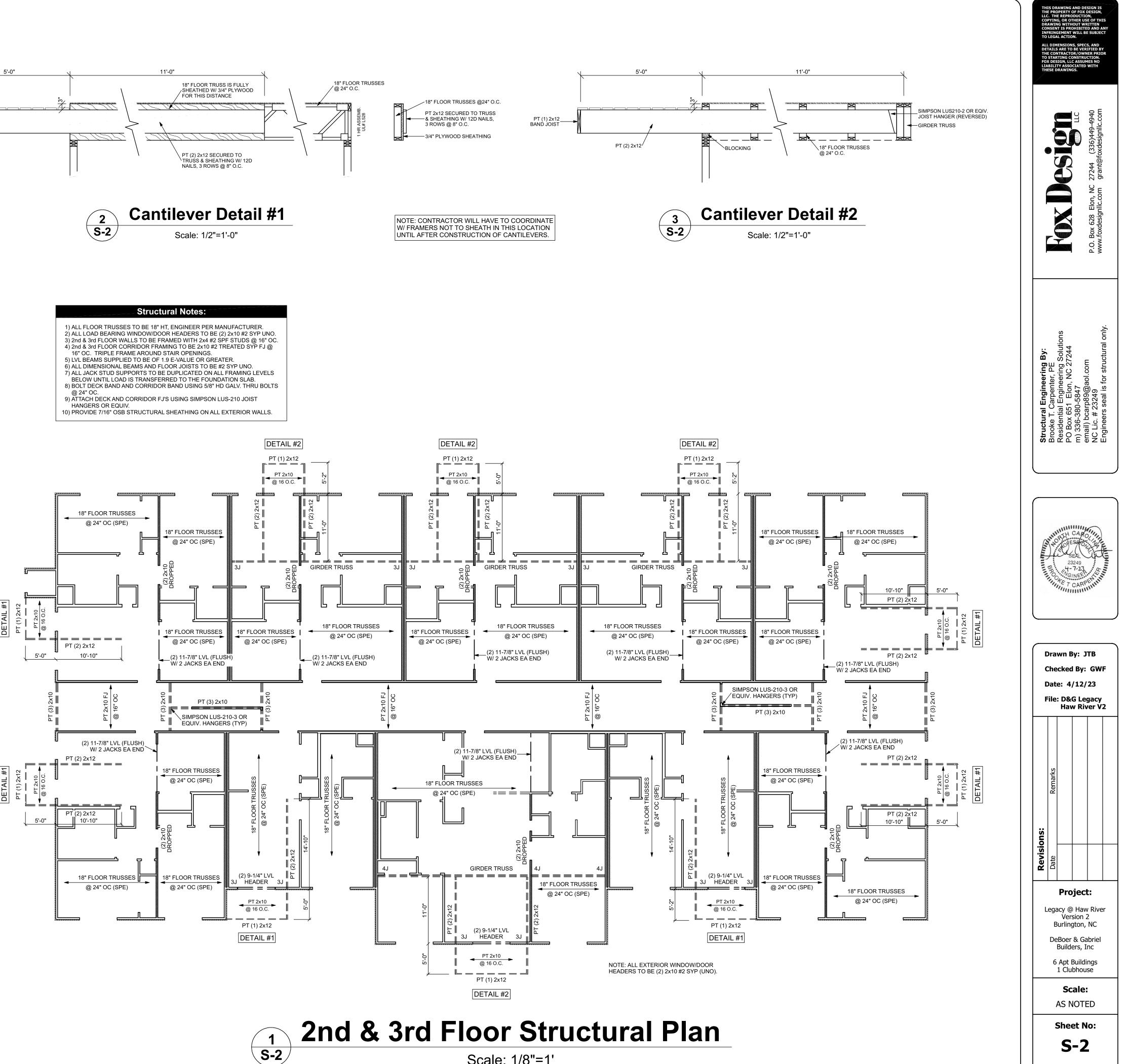


23'-0'

24'-8"



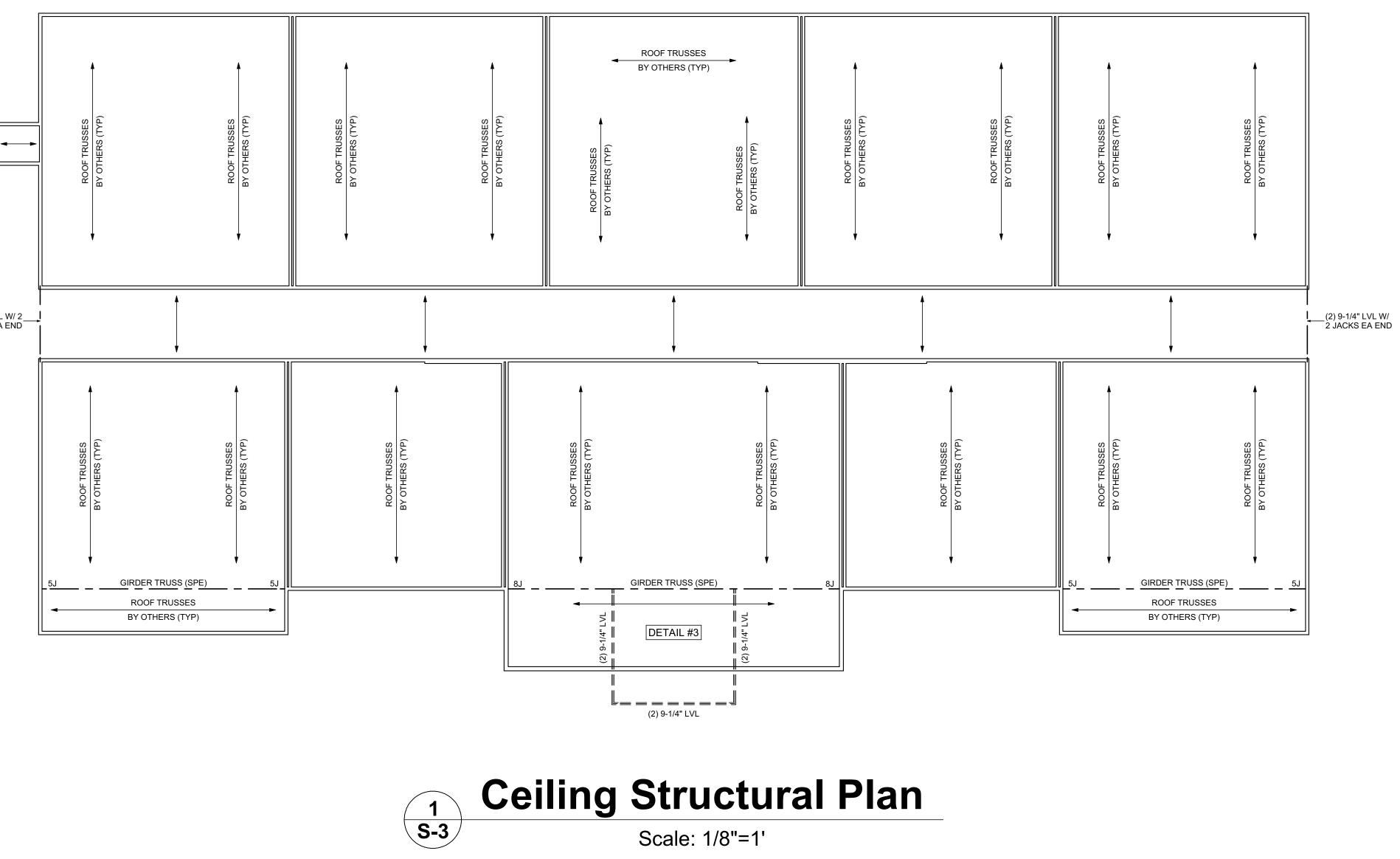




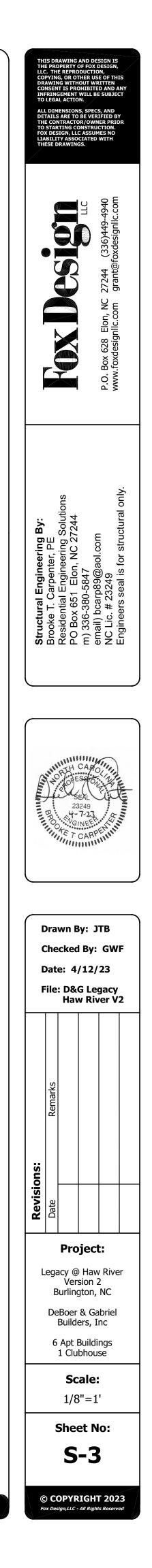
Scale: 1/8"=1'

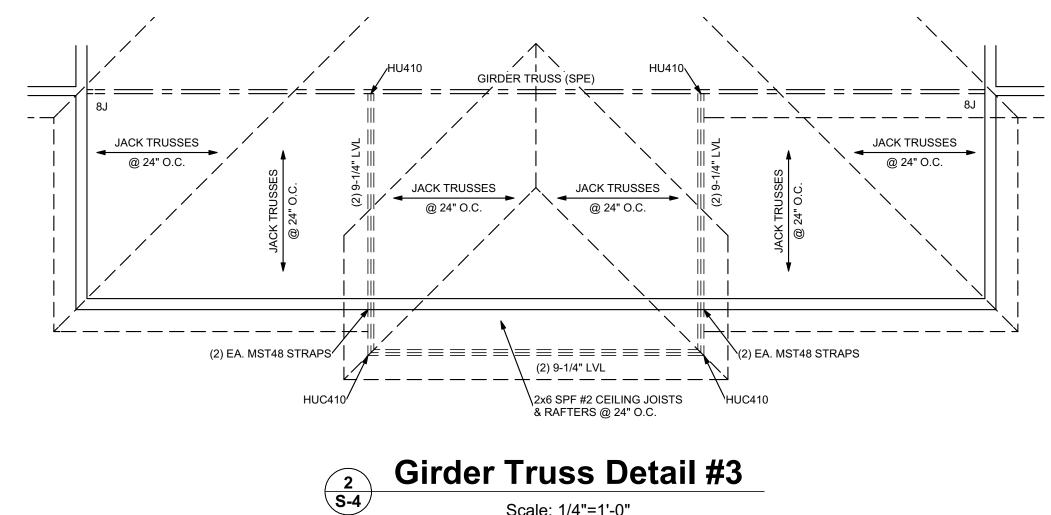
Apartments V2

(2) 9-1/4" LVL W/ 2____ JACKS EA END



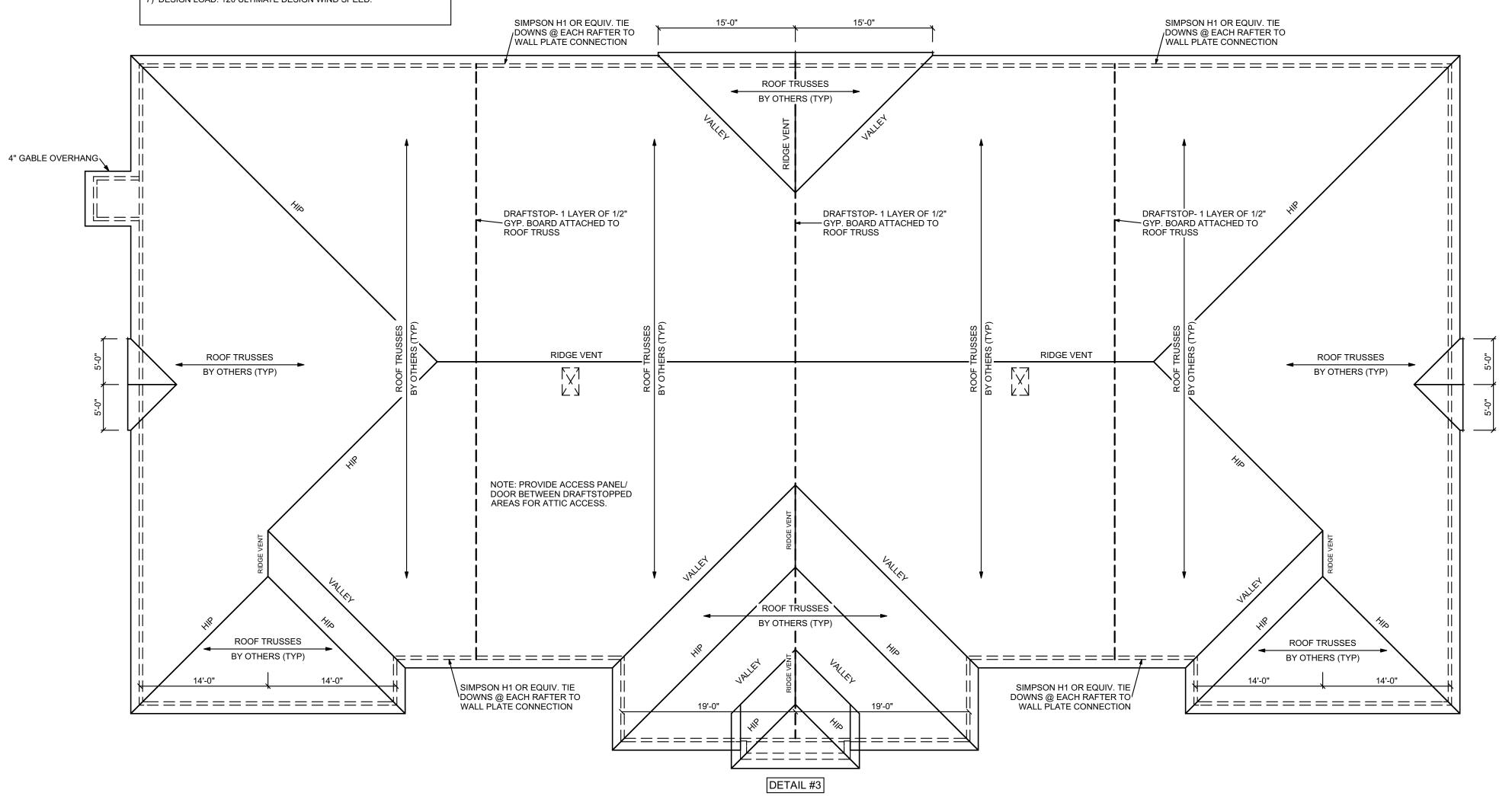
Structural Notes: 1) LVL BEAMS SUPPLIED TO BE OF 1.9 E-VALUE OR GREATER. 2) ALL JACK STUD SUPPORTS TO BE DUPLICATED ON ALL FRAMING LEVELS a) ROOF TRUSSES TO BE SECURED AT EXTERIOR WALLS BY SIMPSON H1 OR EQUIVALENT HURRICANE TIES AT EACH TRUSS TO BEARING WALL CONNECTION.







- ALL OVERHANGS TO BE 12" UNO.
 PROVIDE DRAFTSTOP IN ATTIC SO THAT ATTIC IS DIVIDED INTO
- AREAS NO GREATER THAN 3000 SF. DRAFTSTOP TO BE 1 LAYER OF 1/2" GYP. BOARD ATTACHED TO ROOF TRUSS.
- 3) ALL TRUSSES TO BE DESIGNED AND ENGINEERED BY THE MANUFACTURER. 4) SECURE GIRDER TRUSSES TO WALL W/ CONNECTORS SPECIFIED
- BY ROOF TRUSS DESIGNER. 5) USE SIMPSON H1 OR EQUIV. TIE DOWNS @ EACH RAFTER TO WALL
- PLATE CONNECTION. 6) PROVIDE ACCESS PANEL/DOOR BETWEEN DRAFTSTOPPED AREAS
- FOR ATTIC ACCESS.7) DESIGN LOAD: 120 ULTIMATE DESIGN WIND SPEED.



 1
 Roof Framing Plan

 S-4
 Scale: 1/8"=1'

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

