Design Review & Historic Preservation Board Agenda February 11, 2021

HISTORIC PRESERVATION DISCUSSION

RESIDENTIAL APPLICATION FOR REVIEW - RETURNING

• 44 Coventry Ridge

The Applicant is returning to design review for the elevation change to an already approved two story single family home. The home will have approximately 3009 square feet of living area and will be located in the Coventry Ridge Subdivision.

RESIDENTIAL APPLICATION FOR REVIEW – NEW

• 4 Rockdale Meadows

The Applicant is requesting design review for the construction of a one story single family home. The home will be approximately 2302 sq. ft. and will be located in the Coventry Ridge Subdivision.

APPLICATION FOR LANDMARK DESIGNATION

• 25 Briar Patch Road

The Applicant is requesting design review to designate the above address as an Historic Landmark in accordance with Article XXX, Section 185-195.3 of the Pittsford Town Code. The property is zoned RN (Residential Neighborhood).

OTHER – REVIEW OF 1/28/2020 MINUTES

DRHPB Meeting Agenda February 11, 2021 Page 2 of 2

How to view the meeting:

- 1. Zoom
 - In your web browser, go to
 - https://townofpittsford.zoom.us/j/88320771671?pwd=TnJzM0NmZ0FSTmFZSjBYNXB3Z2RVdz09
 - You will be connected to the meeting.
- 2. Telephone
 - You can access the meeting by phone. Use any of the phone numbers below, then enter the meeting ID when prompted. The Meeting ID is **883 2077 1671**. No password is necessary.

(929) 205-6099	(312) 626-6799
(253) 215-8782	(301) 715-8592
(346) 248-7799	(669) 900-6833

Draft

Design Review and Historic Preservation Board Minutes January 28, 2021

PRESENT

Dirk Schneider, Chairman; Paul Whitbeck, John Mitchell, Leticia Fornataro, Kathleen Cristman, Bonnie Salem

ALSO PRESENT

Robert Koegel, Town Attorney; Allen Reitz, Assistant Building Inspector; Susan Donnelly, Secretary to the Board

ABSENT

Dave Wigg

Proceedings of a regular meeting of the Pittsford Design Review and Historic Preservation Board were held on Thursday, January 28 at 6:00 P.M. local time. The meeting took place with Board members and applicants participating remotely using Zoom.

Dirk Schneider, Chairman opened the meeting at 6:00 pm.

HISTORIC PRESERVATION DISCUSSION

Nomination for East Street Burying Ground for Historic Designation

Bonnie Salem discussed how she and the Town Historian, Audrey Johnson, have been documenting the history of the cemetery on East Street. This cemetery is the site of early burials in the Town of Pittsford including Simon Stone, one of the co-founders of Pittsford. The earliest burial was 1814. Most stones are weathered but intact. This property is rated a G+ property in an inventory of areas of historical significance in the town. Based on this information, Bonnie Salem put forth a nomination for historic designation for this parcel. Board members were in support of this nomination. A Public Hearing for Landmark Designation will be held on February 25, 2021.

Nomination for 25 Briar Patch Road for Historic Designation

Bonnie Salem discussed the property at 25 Briar Patch Road. The homeowners Matt and Patricia O'Connor were present for this meeting. Mr. O'Connor has presented extensive research on the history of this home. Noted architect, Cyril Tucker, was the designer. This sub division was one of the earliest post WWII tracts built in the Town of Pittsford and is a mainly unaltered example of the architecture of this era. There have been no changes to the front elevation with the exception of the garage door and replacement windows. Bonnie Salem nominated 25 Briar Patch Road for Landmark Designation. A Public Hearing for Landmark Designation will be held on February 11, 2021.

RESIDENTIAL APPLICATION FOR REVIEW

• 107 Brook Road

The Applicant is requesting design review for the kitchen, dining room, laundry and powder room addition. The addition will be approximately 768 square feet and located to the rear of the home.

Mr. Polisseni discussed the addition to the home that will serve to extend the kitchen and living space.

Clarification was made that the design being approved is the drawing marked A-1 and not the rendering on the cover sheet on the packet presented to the Board.

The materials and window mullion pattern will match the existing home.

Paul Whitbeck moved to approve the application as submitted.

Kathleen Cristman seconded.

All Ayes.

RESIDENTIAL APPLICATION FOR REVIEW – NEW

• 8 Lexton Way

The Applicant is requesting design review for the construction of a single family two story home. The home will have approximately 3311 square feet of livable area and will be located in the Wilshire Hills Development.

Jeff Brokaw of Morrell Builders was present.

There were no questions from the Board regarding this application.

John Mitchell moved to accept the application as submitted.

Leticia Fornataro seconded.

All Ayes.

• 34 & 36 Skylight Trail

The Applicant is requesting design review for the proposed construction of a new town home dwelling. The proposed building will consist of 2 attached single family dwellings sharing a common wall. Lot 9 (34 Skylight Trail) will be approximately 1987 sq. ft. and Lot 10 (36 Skylight Trail) will be 2000 sq. ft. The town homes will be located in the new Alpine Ridge development.

Jeff Brokaw of Morrell Builders was the representative for this application.

There will be no stone detailing on this structure. There was some clarification on adjacent properties with the stone element.

Bonnie Salem moved to approve the application as submitted.

Kathleen Cristman seconded.

All Ayes.

COMMERCIAL APPLICATION FOR REVIEW

• 3246 Monroe Avenue

The Applicant is requesting design review for the replacement of a business identification sign. The new "Moe's Southwest Grill" sign will feature a white LED lighting system with black trim cap, turquoise, white and orange lettering. The sign will be approximately 39.6 square feet.

Brian Reilly of ROC Signs was present.

The new sign reflects the rebranding of the Moe's Southwest Grill. The sign will be slightly smaller than the current and the lettering will be all in a straight line with a new color scheme and font.

The design approved was on Sheet 2 of 2 of the application, drawing 104453.01 as submitted to the Board at the meeting on 1/28/21.

The Board inquired about the small circular sign in the window. Mr Reilly indicated the sign will be illuminated per the Town sign code for hours of illumination.

Kathleen Cristman moved to accept the application as submitted with respect to the drawings presented at the meeting on 1/28/21.

John Mitchell seconded.

All Ayes.

INFORMAL REVIEW

• 222 Golf Avenue

The Applicant has applied for a permit to allow the demolition of a single family dwelling at 222 Golf Avenue. This property is Zoned Residential Neighborhood (RN). The Demolition permit is to be issued on or after March 12, 2021. Said structure is over 50 years old.

The homeowner, Stanley Powers was present. He is seeking to demolish the current home and garage on his property to accommodate more space for his family of 4.

The new home will have an attached garage and will reflect the character of the other homes in the neighborhood.

The home dates to the 1930's and insulation is lacking on the home. The replacement home will be two stories but not large and out of character for the neighborhood.

Discussion was held about the long narrow lot and any limitations that may present. Allen Reitz stated that there are no apparent conservation area concerns.

The Board indicated they are looking forward to plans for the proposed new structure.

DISCUSSION

Bonnie Salem and Paul Whitbeck thanked John Mitchell for his research on the architecture of the Wright home. It was suggested the Board put together their recommendations for Riedman Development Corporation in respect to the renovation of the home so it may be carried out in an architecturally sensitive manner to its original construction.

OTHER - REVIEW OF MEETING MINUTES FOR JANUARY 14, 2021

Dirk Schneider moved to accept the minutes of January 14, 2021 as written.

Leticia Fornataro seconded.

All Ayes.

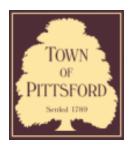
ADJOURNMENT

Dirk Schneider moved to close the meeting at 7:15 pm.

All Ayes.

Respectfully submitted,

Susan Donnelly Secretary to the Design Review and Historic Preservation Board



Town of Pittsford

Department of Public Works 11 South Main Street Pittsford, New York 14534

Permit # B21-000012

Phone: 585-248-6250 FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 44 Coventry Ridge PITTSFORD, NY 14534 Tax ID Number: 177.03-5-33 Zoning District: IZ Incentive Zoning Owner: Clover Street Development Applicant: Clover Street Development

Application Type:

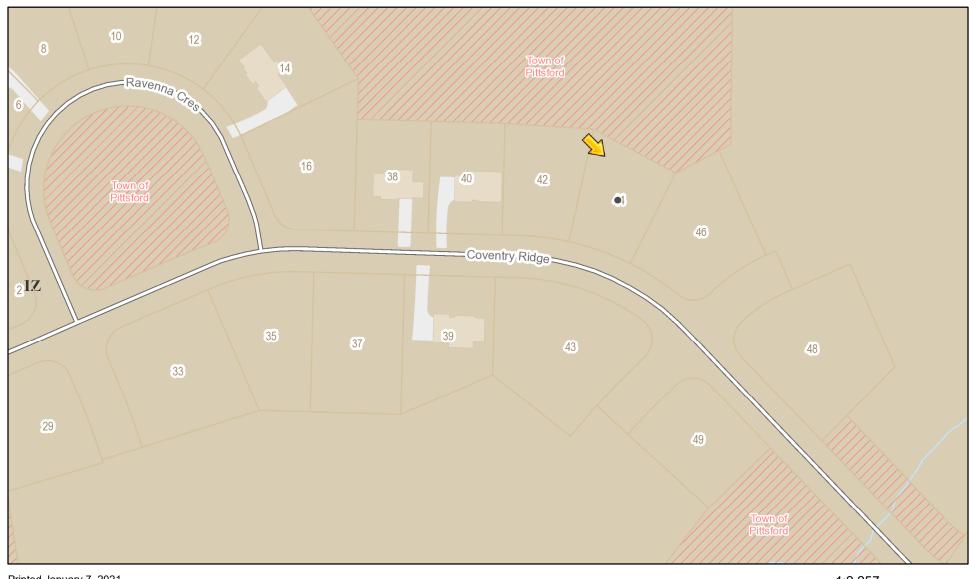
 Residential Design Review §185-205 (B) 	Build to Line Adjustment §185-17 (B) (2)
Commercial Design Review §185-205 (B)	Building Height Above 30 Feet §185-17 (M)
□ Signage §185-205 (C)	Corner Lot Orientation §185-17 (K) (3)
Certificate of Appropriateness §185-197	Flag Lot Building Line Location §185-17 (L) (1) (c)
Landmark Designation §185-195 (2)	Undeveloped Flag Lot Requirements §185-17 (L) (2)

Informal Review

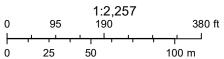
Project Description: Applicant is returning to design review for the elevation change to an already approved two story single family home. The home will have approximately 3009 square feet of living area and will be located in the Coventry Ridge Subdivision.

Meeting Date: February 11, 2021

RN Residential Neighborhood Zoning

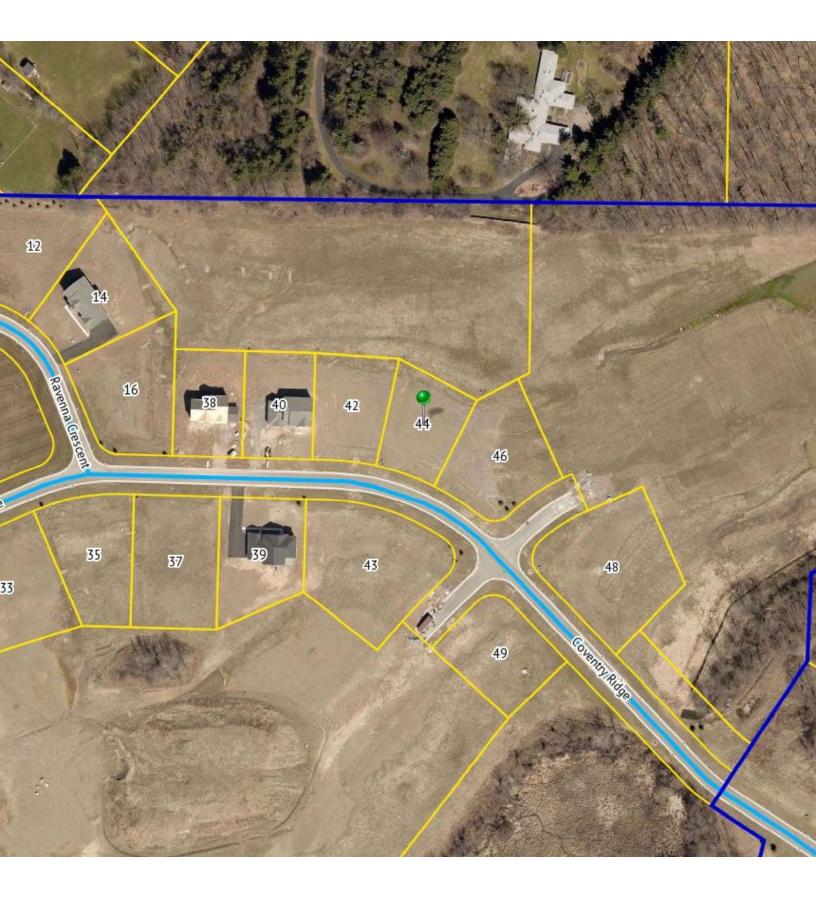


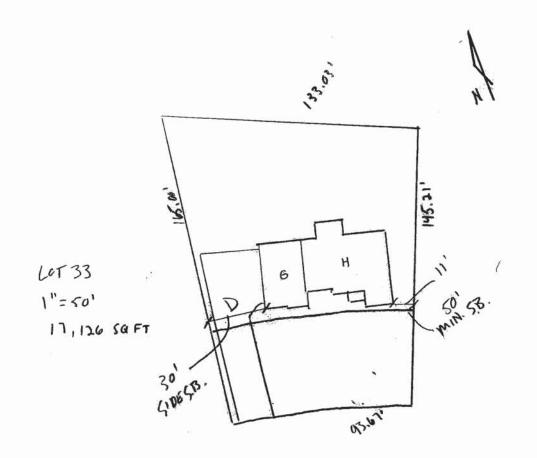




Town of Pittsford GIS

The information depicted on this map is representational and should be used for general reference purposes only. No warranties, expressed or implied, are provided for the data or its use or interpretation.





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GENERAL NOTES:

THESE PLANS COMPLY WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (RCNYS) AND THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS). COMPLIANCE METHOD: RESCHECK CERTIFICATE OR PRESCRIPTIVE

THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR, BUILDER OR OWNER OF THIS BUILDING TO NOTIFY GREATER LIVING ARCHITECTURE OF ANY DEVIATION FROM THESE DRAWINGS.

CONTRACTOR TO BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING/ ELECTRICAL/ MECHANICAL/ SANITARY AND ENERGY CONSERVATION CODES - STATE AND OR LOCAL.

CONTRACTOR TO BE RESPONSIBLE TO LOCAL BUILDING DEPARTMENT AND THAT DEPARTMENT'S INTERPRETATION OF THE BUILDING CODE SHOULD IT DIFFER FROM THESE PLANS.

CONTRACTOR TO BE RESPONSIBLE THAT BRAND NAME OF WINDOWS AND DOORS INSTALLED MEET NEW YORK STATE EXIT REQUIREMENTS.

IN THE EVENT OF ANY DISCREPANCIES BETWEEN PLANS, ELEVATIONS, AND/OR DETAILS, THE CONTRACTOR / SUB-CONTRACTOR SHALL CONTACT GREATER LIVING ARCHITECTURE BEFORE CONSTRUCTION FOR CLARIFICATION. IF GREATER LIVING ARCHITECTURE IS NOT CONTACTED, THE CONTRACTOR / SUB-CONTRACTOR WILL ASSUME FULL RESPONSIBILITY.

CONTRACTOR TO BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECATIONS/ PROGRAMS IN CONNECTION WITH THE WORK.

THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS - USE DIMENSIONS GIVEN. THE CONTRACTOR/ OWNER SHALL REQUEST LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING.

THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND OWNER'S AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY CLAIMS ARISING FROM INJURIES DURING CONSTRUCTION, OR FAILURE TO MAINTAIN SAFE CONDITIONS ON THE SITE.

THESE DRAWINGS HAVE BEEN PREPARED FOR STUCTURAL REFERENCE ONLY. ELECTRICAL, MECHANICAL AND OTHER BUILDING SYSTEMS, IF REQUIRED, ARE TO BE DONE BY OTHERS

R806.2 MINIMUM VENT AREA. THE MINIMUM NET FREE VENTILATION AREA SHALL BE $\frac{1}{150}$ OF THE AREA OF THE VENTED SPACE.

ENERGY EFFICIENCY:

R401.3 CERTIFICATE (MANDATORY) A PERMANENT CERTIFICATE COMPLETED BY OUR FIRM AND INCLUDED AS THE LAST PAGE OF THE RESCHECK SHALL BE POSTED ON A WALL IN THE SPACE WHERE THE FURNACE IS LOCATED, A UTILITY ROOM OR AN APPROVED LOCATION INSIDE THE BUILDING.

R402.2.4 ATTIC ACCESS SHALL BE INSULATED WITH THE SAME R- VALUE AS THE ATTIC, WEATHER STRIPPED & LATCHED R402.4 AIR LEAKAGE. THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN

ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.5.

R402.4.1BUILDING THERMAL ENVELOPE . THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH SECTIONS R402.4.1.1 AND R402.4.1.2. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

R402.4.1.1 INSTALLATION. THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE AS LISTED IN TABLE 402.4.1.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE CRITERIA LISTED IN TABLE R402.4.1.1, AS APPLICABLE TO THE METHOD OF CONSTRUCTION. WHERE REQUIRED BY THE CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS AND VERIFY COMPLIANCE. SEE PAGE N-2 FOR TABLE.

R402.4.1.2 TESTING.THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 380, ASTM E779, OR ASTM E1827 AND REPORTED AT A PRESSURE OF 0.2 INCH w.g. (50 PASCALS). TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. **DURING TESTING:**

- 1. EXTERIOR WINDOWS AND DOORS, FIREPLACES AND STOVE DOORS SHALL BE CLOSED, BUT NOT SEALED, BEYOND THE INTENDED WEATHERSTRIPPING OR OTHER INFILTRATION CONTROL MEASURES.
- 2. DAMPERS INCLUDING EXHAUST, INTAKE, MAKEUP AIR, BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED, BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.
- 3. INTERIOR DOORS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE OPEN.
- 4. EXTERIOR DOORS FOR CONTINUOUS VENTILATION SYSTEMS AND HEAT RECOVERY VENTILATORS SHALL BE CLOSED AND SEALED.
- 5. HEATING AND COOLING SYSTEMS, IF INSTALLED AT THE TIME OF REST, SHALL BE TURNED OFF.

6. SUPPLY AND RETURN REGISTERS, IF INSTALLED AT THE TIME OF REST, SHALL BE FULLY OPEN.

R402.4.5 RECESSED LIGHTING. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. RECESSED LUMINARIES SHALL BE IC-RATED AND LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT GREATER THAN 2.0 c.f.m (0.944 L/s) WHEN TESTED IN ACCORDANCE WITH ASTM E283 AT A PRESSURE DIFFERENTIAL OF 1.57 p.s.f. (75 Pa.). RECESSED LUMINARIES SHALL BE SEALED WITH A GASKET OR CAULKED BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILIN COVERING.

R402.5 MAXIMUM FENESTRATION U-FACTOR & SHGC (MANDATORY) THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION U-FACTOR PERMITTED USING TRADEOFFS FROM SECT. R402.1.5 OR R405 SHALL BE .48 IN CLIMATE ZONES 4 & 5 AND 0.40 IN CLIMATE ZONES 6-8 FOR VERTICAL FENESTRATION, & 0.75 IN CLIMATE ZONES 4-8 FOR SKYLIGHTS. THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION SHGC PERMITTED USING TRADEOFFS FROM SECTION R405 IN CLIMATE ZONES 1-3 SHALL BE 0.50

R403.1.1 PROGRAMMABLE THERMOSTAT. THE THERMOSTAT CONTROLLING THE PRIMARY HEATING AND COOLING SYSTEM SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY. THIS THERMOSTAT SHALL INC. THE CAPABILITY TO SET BACK OR TEMP. OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG OR UP TO 85 DEG.. THE THERMOSTAT SHALL INITIALLY BE PROGRAMMED BY THE MANF. WITH A HEATING TEMP. SET POINT NO HIGHER THAN 70 DEG. & A COOLING TEMP. SET POINT NO LOWER THAN 78 DEG.

R403.1.2 HEAT PUMP SUPPLEMENTARY HEAT (MANDATORY). HEAT PUMPS HAVING SUPPLEMENTARY ELECTRIC-RESISTANCE HEAT SHALL HAVE CONTROLS THAT, EXCEPT DURING DEFROST, PREVENT SUPPLEMENTAL HEAT OPERATION WHEN THE HEAT PUMP COMPRESSOR CAN MEET THE HEATING LOAD.

R403.3.1 INSULATION (PRESCIPTIVE) SUPPLY & RETURN DUCTS IN ATTICS SHALL BE INSULATED TO A MIN. OF R-8. WITH THE EXCEPTION OF DUCTS OR PORTIONS THEREOF LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE.

R403.3.2 SEALING (MANDATORY). DUCTS, AIR HANDLERS AND FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH EITHER THE MECHANICAL CODE OF NEW YORK STATE (MCONYS) OR RCNYS, AS APPLICABLE.

R403.3.3 DUCT TESTING (MANDATORY). DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF THE FOLLOWING METHODS 1. ROUGH IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE IF INSTALLED AT THE TIME OF

THE TEST. ALL REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST.

2. POSTCONSTUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE. ALL REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST.

R403.3.5 BUILDING CAVITIES (MANDATORY). BUILDING FRAMING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS. R403.4 MECHANICAL SYSTEM PIPING CAPABLE OF CARRYING FLUIDS ABOVE 105 DEGREES F OR BELOW 55 DEGREES F SHALL BE INSULATED TO A MINIMUM OF R-3.

R403.5.1 HEATED WATER CIRCULATION & TEMPERATURE MAINTENANCE SYSTEMS (MANDATORY). WOOD ROOF TRUSSES ARE TO BE METAL PLATE CONNECTED WOOD CHORD, WOOD WEB TRUSSES. TRUSS LAYOUT IS HEATED WATER CIRCULATION SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.1. HEAT TRACE TEMPERATURE SCHEMATIC ONLY, TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN (INCLUDING SPACING) OF ALL TRUSSES. MAINTENANCE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.2. AUTOMATIC CONTROLS, TEMPERATURE TRUSSES TO BE DESIGNED AND CERTIFIED BY AN ENGINEER LICENSED IN THE GOVERNING STATE SENSORS & PUMPS SHALL BE ACCESSIBLE. MANUAL CONTROLS SHALL BE READILY ACCESSIBLE.

APPLIED TO THE FOLLOWING: 1. PIPING 3/4" AND LARGER IN NOMINAL DIAMETER.

- 2. PIPING SERVING MORE THAN ONE DWELLING UNIT.
- 3. PIPING LOCATED OUTSIDE THE CONDITIONED SPACE. 4. PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
- 5. PIPING LOCATED UNDER A FLOOR SLAB. 6. BURIED IN PIPING.

R403.6 MECHANICAL VENTILATION (MANDATORY). THE BUILDING SHALL BE PROVIDED WITH VENTILATION THAT MEETS THE REQUIREMENTS OF THE IRC OR IMC, AS APPLICABLE, OR WITH OTHER APPROVED MEANS OF VENTILATION. OUTDOOR AIR INTAKES AND EXHAUSTS SHALL HAVE AUTOMATIC OR GRAVITY DAMPERS THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING

R403.6.1 WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY. MECHANICAL VENTILATION SYSTEM FANS SHALL MEET THE EFFICACY REQUIREMENTS OF TABLE R403.6.1.

R403.7 EQUIPMENT SIZING & EFFICIENCY RATING (MANDATORY). HEATING & COOLING EQUIPMENT SHALL BE SIZED IN ACCORDANCE W/ ACCA MANUAL S BASED ON BUILDING LOADS CALCULATED IN ACCORDANCE W/ ACCA MANUAL J OR OTHER APPROVED HEATING & COOLING CALCULATION METHODOLOGIES. NEW OR REPLACEMENT HEATING & COOLING EQUIPMENT SHALL HAVE A EFFICIENCY RATING EQUAL TO OR GREATER THAN THE MINIMUM REQUIRED BY FEDERAL LAW FOR THE GEOGRAPHIC LOCATION WHERE THE EQUIPMENT IS INSTALLED.

R404.1 LIGHTING EQUIPMENT (MANDATORY) A MINIMUM OF 90% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS.

SITE WORK:

THESE PLANS HAVE BEEN PREPARED ACCORDING TO THE 2020 RCNYS AND IECC REQUIREMENTS TO SUIT A GENERAL RANGE OF CONDITIONS THAT MAY BE AFFECTED BY A PARTICULAR BUILDING SITE OR BUILDER/ OWNER CONTRACTUAL AGREEMENT. CONTRACTOR TO BE RESPONSIBLE TO ADAPT THESE PLANS TO SUIT THE NEEDS OF THE BUILDING ON SITE AS REQUIRED, PROVIDED THAT SUCH ADJUSTMENTS DO NOT VIOLATE THE CODE OR ALTER THE STRUCTURAL INTEGRITY OF THE BUILDING.

CONTRACTOR/ OWNER SHALL PERFORM EXPLORATORY EXCAVATION TO DETERMINE ACTUAL FIELD CONDITIONS AND NOTIFY THIS OFFICE OF THE FINDINGS TO ALLOW FOR DESIGN CHANGES PRIOR TO ACTUAL CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/ OWNER TO DEVELOP THE NECESSARY FOUNDATION SOIL TO SUSTAIN THE LOAD DESIGNS OF 2500 P.S.F. AND TO HIRE, IF NECESSARY, A SOILS ENGINEER TO INSPECT AND VERIFY SOIL CONDITIONS PRIOR TO POURING OF FOUNDATIONS.

THE CONTRACTOR, BUILDER OR OWNER SHALL NOTIFY GREATER LIVING ARCHITECTURE OF ANY UNUSUAL SITE CONDITIONS WHICH MAY EFFECT THE FOUNDATION, DRAINAGE OR STRUCTURAL MEMBERS INCLUDING REQUIREMENTS FOR ADDITIONAL DEPTH OF FOOTINGS, UNSTABLE SOIL CONDITIONS AND HIGH GROUND WATER TABLE.

NO SITE INSPECTIONS ARE TO BE MADE BY THIS OFFICE. CONTRACTOR TO BE RESPONSIBLE FOR MATERIALS AND WORKMANSHIP. SUBSTITUTIONS FOR MATERIALS SPECIFIED TO BE MADE WITH THE PERMISSION OF THE LOCAL BUILDING DEPT.

R403.5.3 HOT WATER PIPE INSULATION (PRESCRIPTIVE). INSULATION FOR HOT WATER PIPE WITH A MIN. R-3 SHALL BE

7. SUPPLY & RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS

SPEC HOUSE LOT 33 COVENTRY RIDGE PITTSFORD, NY COVENTRY RIDGE BUILDING CORP. PLAN 3009 / PROJECT 15428

SHEET INDEX

C-1 COVER SHEET

1/5 ELEVATIONS

2/5 FOUNDATION PLAN

3/5 FIRST FLOOR PLAN

4/5 SECOND FLOOR & ROOF PLAN

5/5 SECTIONS

N-1 DETAILS

N-2 REINFORCING NOTES

FOUNDATION:

ALL FOOTINGS TO REST ON (ORIGINAL) UNDISTURBED SOIL, ASSUMED MINIMUM SOIL BEARING PRESSURE TO BE 2500 P.S.F. CONTRACTOR TO BE RESPONSIBLE FOR ALL SUBGRADE CONDITIONS.

BASEMENT/CELLAR WALLS AND FOOTING DESIGNS ASSUMED PARTIALLY SATURATED SOIL CONDITIONS TO TO THE FULL WALL DEPTH. SHOULD SATURATED CONDITIONS BE ENCOUNTERED, OUR OFFICE SHOULD BE CONTACTED FOR REVIEW AND POSSIBLE REVISIONS TO THE PLANS.

CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR PROVIDING PROPER DRAINAGE SHOULD INTERMITTENT SPRINGS OR PERCHED WATER BE ENCOUNTERED.

POSITIVE DRAINAGE SHALL BE PROVIDED SO THAT FINISHED GRADE SLOPES AWAY FROM PERIMETER WALLS & FOOTINGS.

CONTINUOUS 4" DIAM. PERFORATED DRAIN PIPE SHALL BE PLACED ALONG THE PERIMETER OF THE BASEMENT WALLS WHICH DRAINS TO THE SUMP PUMP. A MINIMUM OF 6" GRANULAR BASE SHALL BE PLACED OVER THE DRAIN TILE AND MINIMUM OF 2" UNDER THE TILE.

CONCRETE AND MASONRY FOUNDATION WALLS SHALL BE CONSTRUCTED AS SET FORTH AS PER TABLES ON N-2.

FIREPLACES:

DIRECT VENT GAS FIREPLACE UNIT TO BE SELECTED BY OWNER AND INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

NEW WOOD-BURNING FIREPLACES SHALL HAVE TIGHT-FITTING FLUE DAMPERS OR DOORS, AND OUTDOOR COMBUSTION AIR. WHERE USING TIGHT-FITTING DOORS ON FACTORY BUILT FIREPLACES LISTED AND LABELED IN ACCORDANCE WITH UL 127, THE DOORS SHALL BE TESTED AND LISTED FOR THE FIREPLACE. WHERE USING TIGHT FITTING DOORS ON MASONRY FIREPLACES, THE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 907.

FRAMING:

PROVIDE ALL TEMPORARY BRACING AND SHORING TO AVOID EXCESSIVE STRESSES AND HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION.

UNDER ALL CONCEALED WOOD BEARING POSTS, PROVIDE ADDITIONAL WOOD BLOCKING AS REQUIRED IN FLOOR JOIST SPACE UNDER POST, TO ENSURE SOLID BEARING FROM HEADER OR BEAM DOWN TO FOUNDATION WALL.

ALL WINDOWS AND DOORS ARE TO BE FRAMED WITH MINIMUM 3-2X6 OR 2-2X8 HEADER UNLESS NOTED OTHERWISE. BUILDER ASSUMES FULL RESPONSIBILITY FOR MAINTAINING THE STRUCTURAL INTEGRITY OF JOISTS, BEAMS OR STUDS WHICH ARE NOTCHED OR DRILLED TO ACCOMMODATE MECHANICAL OR ELECTRICAL LINES. SEE DETAILS ON PG. N-1 FOR ALLOWABLE DRILLING LOCATION ON BEAMS AND JOISTS.

ALL STRESS GRADE LUMBER CONSTRUCTION SHALL COMPLY WITH AITC TIMBER CONSTRUCTION STANDARDS LATEST EDITION. EACH PIECE SHALL BEAR THE STAMP OF A GRADING RULES AGENCY, APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE . GRADE LOSS RESULTING FROM EFFECTS OF WEATHER, HANDLING, STORAGE, RESAWING, OR DIVIDING LENGTHS WILL BE CAUSE FOR REJECTION.

STAIRWAY GUARD REQUIREMENTS:

GUARDS SHALL BE LOCATED ALONG AN OPEN SIDED WALKING SURFACE, THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. AS PER SECTION 312.1.1 OF THE 2020 RCNYS.

REQUIRED GUARDS SHALL NOT BE LESS THAN 36 INCHES IN HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE. AS PER SECTION 312.1.2 OF THE 2020 RCNYS.

GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT NOT LESS THAN 34 INCHES. AS PER SECTION 312.1.2 OF THE 2020 RCNYS.

WHERE THE TOP OF THE GUARD SERVES AS A HANDRAIL ON THE OPEN SIDES OF THE STAIRS, THE TOP OF THE GUARD SHALL BE NO LOESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES. AS PER SECTION 312.1.2 OF THE 2020 RCNYS. REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW THE PASSAGE OF A SPHERE 4 INCHES IN DIAMETER. AS PER SECTION 312.1.3 OF THE 2020 RCNYS.

GARAGE FIREPROOFING:

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NEW ELEVATION

STRUCTURAL MATERIAL SPECIFICATIONS:

REINFORCED STEEL WIRE MESH LUMBER

STRUCTURAL STEEL

PLYWOOD LVL, PSL, LSL

MASONRY

MORTAR GROUT CONCRETE

BOLTS

DESIGN CRITERIA: (FOR GREATER ROCHESTER AREA & ADJACENT COUNTIES) ADJACENT COUNTIES)

LOCAL JURISDICTION DESIGN CRITERIA MAY VARY AND SHALL BE STRICTLY ADHERED TO

1ST FLOOR LIVING AREA LIVE LOAD 2ND FLOOR LIVING AREA LIVE LOAD 1ST & 2ND FLOOR DEAD LOAD GROUND SNOW LOAD ROOF DEAD LOAD ALLOWABLE SOIL BEARING wind speed SEISMIC DESIGN

WEATHERING FROST LINE DEPTH TERMITE DAMAGE DECAY DAMAGE WINTER DESIGN TEMPERATURE ICE SHEILD UNDERLAYMENT

FLOOD HAZARD ROOF TIE DOWN REQUIREMENTS

ROOF DESIGN **TRUSS IDENTIFICATION:** TIMBER CONSTRUCTION. — 6" DIAMETER – - REFLECTIVE RED PANTONE (PMS) #187 - REFLECTIVE WHITE 1/2" STROKE

DESIGNATION FOR STRUCTURAL. COMPONENTS THAT ARE OF TRUSS CONSTRUCTION

ASTM A-36, Fy = 36 ksi ASTM A-615, Fy = 40 ksi

ASTM A-185, 6 x 6 - 10/10 W.W.M.

ALL STUCTURAL MEMBERS, JOISTS, RAFTERS, ETC. TO BE #2 GRADE LUMBER (DOUGLAS FIR-LARCH, HEM-FIR, SOUTHERN PINE OR SPRUCE PINE-FIR) WITH A MIN. FIBER STRESS OF 850 P.S.I. UNLESS NOTED OTHERWISE

CDX, PANEL INDEX Fb = 2600 Fv = 285 $E \times 10^{6} - 1.9$ Fc¹ = 750 ASTM C90, GRADE N-1, Fm = 1350 PSI

ASTM C270, TYPE S

Fc = 2000 PSI ASTM C476 Fc = 2500 PSI MIN. (FOOTINGS, BASEMENT SLAB)

Fc = 3500 PSI MIN. (GARAGE SLAB. PORCH SLAB. & POURED FOUNDATION WALLS ASTM A307, Fy - 33 KSI

40 P.S.F.

30 P.S.F. 15 P.S.F. 40 P.S.F. 10 P.S.F. 2500 P.S.F. AT MINIMUM 42" BELOW FINISHED GRADE

115 MPH, EXPOSURE B CATEGORY B SEVERE

42 INCHES SLIGHT TO MODERATE

NONE TO SLIGHT 1 DEGREE

REQUIRED 24" INSIDE OF EXTERIOR WALL LINE FIRM - 2008

R802.11, BASED UPON SPECIFIC

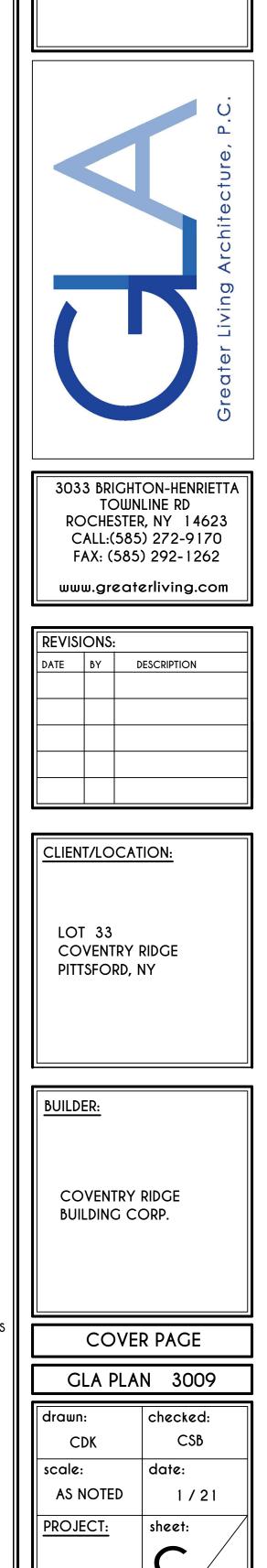
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> FLOOR FRAMING, INC. GIRDERS & BEAMS ROOF FRAMING "FR" | FLOOR & ROOF FRAMING

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TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209

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15428



GENERAL NOTES:

THESE PLANS COMPLY WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (RCNYS) AND THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS). COMPLIANCE METHOD: RESCHECK CERTIFICATE OR PRESCRIPTIVE

THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR, BUILDER OR OWNER OF THIS BUILDING TO NOTIFY GREATER LIVING ARCHITECTURE OF ANY DEVIATION FROM THESE DRAWINGS.

CONTRACTOR TO BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING/ ELECTRICAL/ MECHANICAL/ SANITARY AND ENERGY CONSERVATION CODES - STATE AND OR LOCAL.

CONTRACTOR TO BE RESPONSIBLE TO LOCAL BUILDING DEPARTMENT AND THAT DEPARTMENT'S INTERPRETATION OF THE BUILDING CODE SHOULD IT DIFFER FROM THESE PLANS.

CONTRACTOR TO BE RESPONSIBLE THAT BRAND NAME OF WINDOWS AND DOORS INSTALLED MEET NEW YORK STATE EXIT REQUIREMENTS.

IN THE EVENT OF ANY DISCREPANCIES BETWEEN PLANS, ELEVATIONS, AND/OR DETAILS, THE CONTRACTOR / SUB-CONTRACTOR SHALL CONTACT GREATER LIVING ARCHITECTURE BEFORE CONSTRUCTION FOR CLARIFICATION. IF GREATER LIVING ARCHITECTURE IS NOT CONTACTED, THE CONTRACTOR / SUB-CONTRACTOR WILL ASSUME FULL RESPONSIBILITY.

CONTRACTOR TO BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECATIONS/ PROGRAMS IN CONNECTION WITH THE WORK.

THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS - USE DIMENSIONS GIVEN. THE CONTRACTOR/ OWNER SHALL REQUEST LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING.

THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND OWNER'S AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY CLAIMS ARISING FROM INJURIES DURING CONSTRUCTION, OR FAILURE TO MAINTAIN SAFE CONDITIONS ON THE SITE.

THESE DRAWINGS HAVE BEEN PREPARED FOR STUCTURAL REFERENCE ONLY. ELECTRICAL, MECHANICAL AND OTHER BUILDING SYSTEMS, IF REQUIRED, ARE TO BE DONE BY OTHERS

R806.2 MINIMUM VENT AREA. THE MINIMUM NET FREE VENTILATION AREA SHALL BE $\frac{1}{150}$ OF THE AREA OF THE VENTED SPACE.

ENERGY EFFICIENCY:

R401.3 CERTIFICATE (MANDATORY) A PERMANENT CERTIFICATE COMPLETED BY OUR FIRM AND INCLUDED AS THE LAST PAGE OF THE RESCHECK SHALL BE POSTED ON A WALL IN THE SPACE WHERE THE FURNACE IS LOCATED, A UTILITY ROOM OR AN APPROVED LOCATION INSIDE THE BUILDING.

R402.2.4 ATTIC ACCESS SHALL BE INSULATED WITH THE SAME R- VALUE AS THE ATTIC, WEATHER STRIPPED & LATCHED R402.4 AIR LEAKAGE. THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN

ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.5.

R402.4.1BUILDING THERMAL ENVELOPE . THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH SECTIONS R402.4.1.1 AND R402.4.1.2. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

R402.4.1.1 INSTALLATION. THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE AS LISTED IN TABLE 402.4.1.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE CRITERIA LISTED IN TABLE R402.4.1.1, AS APPLICABLE TO THE METHOD OF CONSTRUCTION. WHERE REQUIRED BY THE CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS AND VERIFY COMPLIANCE. SEE PAGE N-2 FOR TABLE.

R402.4.1.2 TESTING.THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 380, ASTM E779, OR ASTM E1827 AND REPORTED AT A PRESSURE OF 0.2 INCH w.g. (50 PASCALS). TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. **DURING TESTING:**

- 1. EXTERIOR WINDOWS AND DOORS, FIREPLACES AND STOVE DOORS SHALL BE CLOSED, BUT NOT SEALED, BEYOND THE INTENDED WEATHERSTRIPPING OR OTHER INFILTRATION CONTROL MEASURES.
- 2. DAMPERS INCLUDING EXHAUST, INTAKE, MAKEUP AIR, BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED, BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.
- 3. INTERIOR DOORS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE OPEN.
- 4. EXTERIOR DOORS FOR CONTINUOUS VENTILATION SYSTEMS AND HEAT RECOVERY VENTILATORS SHALL BE CLOSED AND SEALED.
- 5. HEATING AND COOLING SYSTEMS, IF INSTALLED AT THE TIME OF REST, SHALL BE TURNED OFF.

6. SUPPLY AND RETURN REGISTERS, IF INSTALLED AT THE TIME OF REST, SHALL BE FULLY OPEN.

R402.4.5 RECESSED LIGHTING. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. RECESSED LUMINARIES SHALL BE IC-RATED AND LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT GREATER THAN 2.0 c.f.m (0.944 L/s) WHEN TESTED IN ACCORDANCE WITH ASTM E283 AT A PRESSURE DIFFERENTIAL OF 1.57 p.s.f. (75 Pa.). RECESSED LUMINARIES SHALL BE SEALED WITH A GASKET OR CAULKED BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILIN COVERING.

R402.5 MAXIMUM FENESTRATION U-FACTOR & SHGC (MANDATORY) THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION U-FACTOR PERMITTED USING TRADEOFFS FROM SECT. R402.1.5 OR R405 SHALL BE .48 IN CLIMATE ZONES 4 & 5 AND 0.40 IN CLIMATE ZONES 6-8 FOR VERTICAL FENESTRATION, & 0.75 IN CLIMATE ZONES 4-8 FOR SKYLIGHTS. THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION SHGC PERMITTED USING RADEOFFS FROM SECTION R405 IN CLIMATE ZONES 1-3 SHALL BE 0.50

R403.1.1 PROGRAMMABLE THERMOSTAT. THE THERMOSTAT CONTROLLING THE PRIMARY HEATING AND COOLING SYSTEM SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY. THIS THERMOSTAT SHALL INC. THE CAPABILITY TO SET BACK OR TEMP. OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG OR UP TO 85 DEG.. THE THERMOSTAT SHALL INITIALLY BE PROGRAMMED BY THE MANF. WITH A HEATING TEMP. SET POINT NO HIGHER THAN 70 DEG. & A COOLING TEMP. SET POINT NO LOWER THAN 78 DEG.

R403.1.2 HEAT PUMP SUPPLEMENTARY HEAT (MANDATORY). HEAT PUMPS HAVING SUPPLEMENTARY ELECTRIC-RESISTANCE HEAT SHALL HAVE CONTROLS THAT, EXCEPT DURING DEFROST, PREVENT SUPPLEMENTAL HEAT OPERATION WHEN THE HEAT PUMP COMPRESSOR CAN MEET THE HEATING LOAD.

R403.3.1 INSULATION (PRESCIPTIVE) SUPPLY & RETURN DUCTS IN ATTICS SHALL BE INSULATED TO A MIN. OF R-8. WITH THE EXCEPTION OF DUCTS OR PORTIONS THEREOF LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE.

R403.3.2 SEALING (MANDATORY). DUCTS, AIR HANDLERS AND FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH EITHER THE MECHANICAL CODE OF NEW YORK STATE (MCONYS) OR RCNYS, AS APPLICABLE.

R403.3.3 DUCT TESTING (MANDATORY). DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF THE FOLLOWING METHODS 1. ROUGH IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE IF INSTALLED AT THE TIME OF THE TEST. ALL REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST.

2. POSTCONSTUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE. ALL REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST.

R403.3.5 BUILDING CAVITIES (MANDATORY). BUILDING FRAMING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS. R403.4 MECHANICAL SYSTEM PIPING CAPABLE OF CARRYING FLUIDS ABOVE 105 DEGREES F OR BELOW 55 DEGREES F SHALL BE INSULATED TO A MINIMUM OF R-3.

R403.5.1 HEATED WATER CIRCULATION & TEMPERATURE MAINTENANCE SYSTEMS (MANDATORY). WOOD ROOF TRUSSES ARE TO BE METAL PLATE CONNECTED WOOD CHORD, WOOD WEB TRUSSES. TRUSS LAYOUT IS HEATED WATER CIRCULATION SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.1. HEAT TRACE TEMPERATURE SCHEMATIC ONLY, TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN (INCLUDING SPACING) OF ALL TRUSSES. MAINTENANCE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.2. AUTOMATIC CONTROLS, TEMPERATURE TRUSSES TO BE DESIGNED AND CERTIFIED BY AN ENGINEER LICENSED IN THE GOVERNING STATE SENSORS & PUMPS SHALL BE ACCESSIBLE. MANUAL CONTROLS SHALL BE READILY ACCESSIBLE.

APPLIED TO THE FOLLOWING:

- 1. PIPING 3/4" AND LARGER IN NOMINAL DIAMETER. 2. PIPING SERVING MORE THAN ONE DWELLING UNIT.
- 3. PIPING LOCATED OUTSIDE THE CONDITIONED SPACE. 4. PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
- 5. PIPING LOCATED UNDER A FLOOR SLAB. 6. BURIED IN PIPING.

R403.6 MECHANICAL VENTILATION (MANDATORY). THE BUILDING SHALL BE PROVIDED WITH VENTILATION THAT MEETS THE REQUIREMENTS OF THE IRC OR IMC, AS APPLICABLE, OR WITH OTHER APPROVED MEANS OF VENTILATION. OUTDOOR AIR INTAKES AND EXHAUSTS SHALL HAVE AUTOMATIC OR GRAVITY DAMPERS THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING

R403.6.1 WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY. MECHANICAL VENTILATION SYSTEM FANS SHALL MEET THE EFFICACY REQUIREMENTS OF TABLE R403.6.1.

R403.7 EQUIPMENT SIZING & EFFICIENCY RATING (MANDATORY). HEATING & COOLING EQUIPMENT SHALL BE SIZED IN ACCORDANCE W/ ACCA MANUAL S BASED ON BUILDING LOADS CALCULATED IN ACCORDANCE W/ ACCA MANUAL J OR OTHER APPROVED HEATING & COOLING CALCULATION METHODOLOGIES. NEW OR REPLACEMENT HEATING & COOLING EQUIPMENT SHALL HAVE A EFFICIENCY RATING EQUAL TO OR GREATER THAN THE MINIMUM REQUIRED BY FEDERAL LAW FOR THE GEOGRAPHIC LOCATION WHERE THE EQUIPMENT IS INSTALLED.

R404.1 LIGHTING EQUIPMENT (MANDATORY) A MINIMUM OF 90% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS.

SITE WORK:

THESE PLANS HAVE BEEN PREPARED ACCORDING TO THE 2020 RCNYS AND IECC REQUIREMENTS TO SUIT A GENERAL RANGE OF CONDITIONS THAT MAY BE AFFECTED BY A PARTICULAR BUILDING SITE OR BUILDER/ OWNER CONTRACTUAL AGREEMENT. CONTRACTOR TO BE RESPONSIBLE TO ADAPT THESE PLANS TO SUIT THE NEEDS OF THE BUILDING ON SITE AS REQUIRED, PROVIDED THAT SUCH ADJUSTMENTS DO NOT VIOLATE THE CODE OR ALTER THE STRUCTURAL INTEGRITY OF THE BUILDING.

CONTRACTOR/ OWNER SHALL PERFORM EXPLORATORY EXCAVATION TO DETERMINE ACTUAL FIELD CONDITIONS AND NOTIFY THIS OFFICE OF THE FINDINGS TO ALLOW FOR DESIGN CHANGES PRIOR TO ACTUAL CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/ OWNER TO DEVELOP THE NECESSARY FOUNDATION SOIL TO SUSTAIN THE LOAD DESIGNS OF 2500 P.S.F. AND TO HIRE, IF NECESSARY, A SOILS ENGINEER TO INSPECT AND VERIFY SOIL CONDITIONS PRIOR TO POURING OF FOUNDATIONS.

THE CONTRACTOR, BUILDER OR OWNER SHALL NOTIFY GREATER LIVING ARCHITECTURE OF ANY UNUSUAL SITE CONDITIONS WHICH MAY EFFECT THE FOUNDATION, DRAINAGE OR STRUCTURAL MEMBERS INCLUDING REQUIREMENTS FOR ADDITIONAL DEPTH OF FOOTINGS, UNSTABLE SOIL CONDITIONS AND HIGH GROUND WATER TABLE.

NO SITE INSPECTIONS ARE TO BE MADE BY THIS OFFICE. CONTRACTOR TO BE RESPONSIBLE FOR MATERIALS AND WORKMANSHIP. SUBSTITUTIONS FOR MATERIALS SPECIFIED TO BE MADE WITH THE PERMISSION OF THE LOCAL BUILDING DEPT.

SPEC HOUSE LOT 33 COVENTRY RIDGE PITTSFORD, NY COVENTRY RIDGE BUILDING CORP. PLAN 3009 / PROJECT 15428

SHEET INDEX

C-1 COVER SHEET

1/5 ELEVATIONS

2/5 FOUNDATION PLAN

3/5 FIRST FLOOR PLAN

5/5 SECTIONS

N-1 DETAILS

N-2 REINFORCING NOTES

R403.5.3 HOT WATER PIPE INSULATION (PRESCRIPTIVE). INSULATION FOR HOT WATER PIPE WITH A MIN. R-3 SHALL BE

7. SUPPLY & RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS

FOUNDATION:

ALL FOOTINGS TO REST ON (ORIGINAL) UNDISTURBED SOIL, ASSUMED MINIMUM SOIL BEARING PRESSURE TO BE 2500 P.S.F CONTRACTOR TO BE RESPONSIBLE FOR ALL SUBGRADE CONDITIONS.

BASEMENT/CELLAR WALLS AND FOOTING DESIGNS ASSUMED PARTIALLY SATURATED SOIL CONDITIONS TO TO THE FULL WALL DEPTH. SHOULD SATURATED CONDITIONS BE ENCOUNTERED, OUR OFFICE SHOULD BE CONTACTED FOR REVIEW AND POSSIBLE REVISIONS TO THE PLANS.

CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR PROVIDING PROPER DRAINAGE SHOULD INTERMITTENT SPRINGS OR PERCHED WATER BE ENCOUNTERED.

POSITIVE DRAINAGE SHALL BE PROVIDED SO THAT FINISHED GRADE SLOPES AWAY FROM PERIMETER WALLS & FOOTINGS.

CONTINUOUS 4" DIAM. PERFORATED DRAIN PIPE SHALL BE PLACED ALONG THE PERIMETER OF THE BASEMENT WALLS WHICH DRAINS TO THE SUMP PUMP. A MINIMUM OF 6" GRANULAR BASE SHALL BE PLACED OVER THE DRAIN TILE AND MINIMUM OF 2" UNDER THE TILE.

CONCRETE AND MASONRY FOUNDATION WALLS SHALL BE CONSTRUCTED AS SET FORTH AS PER TABLES ON N-2.

FIREPLACES:

DIRECT VENT GAS FIREPLACE UNIT TO BE SELECTED BY OWNER AND INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

NEW WOOD-BURNING FIREPLACES SHALL HAVE TIGHT-FITTING FLUE DAMPERS OR DOORS, AND OUTDOOR COMBUSTION AIR. WHERE USING TIGHT-FITTING DOORS ON FACTORY BUILT FIREPLACES LISTED AND LABELED IN ACCORDANCE WITH UL 127, THE DOORS SHALL BE TESTED AND LISTED FOR THE FIREPLACE. WHERE USING TIGHT FITTING DOORS ON MASONRY FIREPLACES, THE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 907.

FRAMING:

PROVIDE ALL TEMPORARY BRACING AND SHORING TO AVOID EXCESSIVE STRESSES AND HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION.

UNDER ALL CONCEALED WOOD BEARING POSTS, PROVIDE ADDITIONAL WOOD BLOCKING AS REQUIRED IN FLOOR JOIST SPACE UNDER POST, TO ENSURE SOLID BEARING FROM HEADER OR BEAM DOWN TO FOUNDATION WALL.

ALL WINDOWS AND DOORS ARE TO BE FRAMED WITH MINIMUM 3-2X6 OR 2-2X8 HEADER UNLESS NOTED OTHERWISE. BUILDER ASSUMES FULL RESPONSIBILITY FOR MAINTAINING THE STRUCTURAL INTEGRITY OF JOISTS, BEAMS OR STUDS WHICH ARE NOTCHED OR DRILLED TO ACCOMMODATE MECHANICAL OR ELECTRICAL LINES. SEE DETAILS ON PG. N-1 FOR ALLOWABLE DRILLING LOCATION ON BEAMS AND JOISTS.

ALL STRESS GRADE LUMBER CONSTRUCTION SHALL COMPLY WITH AITC TIMBER CONSTRUCTION STANDARDS LATEST EDITION. EACH PIECE SHALL BEAR THE STAMP OF A GRADING RULES AGENCY, APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE . GRADE LOSS RESULTING FROM EFFECTS OF WEATHER, HANDLING, STORAGE, RESAWING, OR DIVIDING LENGTHS WILL BE CAUSE FOR REJECTION.

STAIRWAY GUARD REQUIREMENTS:

GUARDS SHALL BE LOCATED ALONG AN OPEN SIDED WALKING SURFACE, THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. AS PER SECTION 312.1.1 OF THE 2020 RCNYS.

REQUIRED GUARDS SHALL NOT BE LESS THAN 36 INCHES IN HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE. AS PER SECTION 312.1.2 OF THE 2020 RCNYS.

GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT NOT LESS THAN 34 INCHES. AS PER SECTION 312.1.2 OF THE 2020 RCNYS.

WHERE THE TOP OF THE GUARD SERVES AS A HANDRAIL ON THE OPEN SIDES OF THE STAIRS, THE TOP OF THE GUARD SHALL BE NO LOESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES. AS PER SECTION 312.1.2 OF THE 2020 RCNYS. REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW THE PASSAGE OF A SPHERE 4 INCHES IN DIAMETER. AS PER SECTION 312.1.3 OF THE 2020 RCNYS.

GARAGE FIREPROOFING:

3/4 HOUR FIRE RESISTANCE RATING REQUIRED BETWEEN HOUSE & GARAGE CAN BE ACHIEVED WITH ONE LAYER 5/8" TYPE X DRYWALL ON GARAGE SIDE AND ONE LAYER 1/2" TYPE X DRYWALL ON THE HOUSE SIDE.

IF HORIZONTAL CONSTRUCTION IS USED TO SEPARATE THE GARAGE FROM LIVING AREA OR BONUS AREAS ABOVE, THEN ONE LAYER OF 5/8" TYPE X DRYWALL ON THE CEILING IS REQUIRED. WHERE THE HORIZONTAL CONSTRUCTION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO PROTECTED BY 5/8" TYPE X DRYWALL.

*PREVIOUSLY SUBMITTED 4/5 SECOND FLOOR & ROOF PLAN $ELEVATION^{\star}$

STRUCTURAL MATERIAL SPECIFICATIONS:

ASTM A-36, Fy = 36 ksi

ASTM A-615, Fy = 40 ksi

UNLESS NOTED OTHERWISE

CDX, PANEL INDEX

ASTM C270, TYPE S

Fc = 2000 PSI ASTM C476

ASTM A307, Fy - 33 KSI

Fb = 2600 Fv = 285

40 P.S.F.

30 P.S.F.

15 P.S.F.

40 P.S.F.

10 P.S.F.

 $E \times 10^{6} - 1.9$ Fc¹ = 750

ASTM A-185, 6 x 6 - 10/10 W.W.M.

WITH A MIN. FIBER STRESS OF 850 P.S.I.

ASTM C90, GRADE N-1, Fm = 1350 PSI

Fc = 2500 PSI MIN. (FOOTINGS, BASEMENT SLAB)

Fc = 3500 PSI MIN. (GARAGE SLAB, PORCH SLAB, &

POURED FOUNDATION WALLS

ALL STUCTURAL MEMBERS, JOISTS, RAFTERS, ETC. TO BE #2 GRADE LUMBER (DOUGLAS FIR-LARCH,

HEM-FIR, SOUTHERN PINE OR SPRUCE PINE-FIR)

REINFORCED STEEL WIRE MESH LUMBER

STRUCTURAL STEEL

ADJACENT COUNTIES)

PLYWOOD LVL, PSL, LSL MASONRY

MORTAR GROUT CONCRETE

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DESIGN CRITERIA: (FOR GREATER ROCHESTER AREA & ADJACENT COUNTIES)

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1ST FLOOR LIVING AREA LIVE LOAD 2ND FLOOR LIVING AREA LIVE LOAD 1ST & 2ND FLOOR DEAD LOAD GROUND SNOW LOAD ROOF DEAD LOAD ALLOWABLE SOIL BEARING

wind speed SEISMIC DESIGN WEATHERING FROST LINE DEPTH TERMITE DAMAGE DECAY DAMAGE WINTER DESIGN TEMPERATURE ICE SHEILD UNDERLAYMENT

FLOOD HAZARD ROOF TIE DOWN REQUIREMENTS

1/2" STROKE

DESIGNATION FOR STRUCTURAL.

COMPONENTS THAT ARE OF

TRUSS CONSTRUCTION

CATEGORY B SEVERE 42 INCHES SLIGHT TO MODERATE NONE TO SLIGHT 1 DEGREE

2500 P.S.F. AT MINIMUM

115 MPH, EXPOSURE B

42" BELOW FINISHED GRADE

REQUIRED 24" INSIDE OF EXTERIOR WALL LINE

FIRM - 2008 R802.11, BASED UPON SPECIFIC ROOF DESIGN

TRUSS IDENTIFICATION:

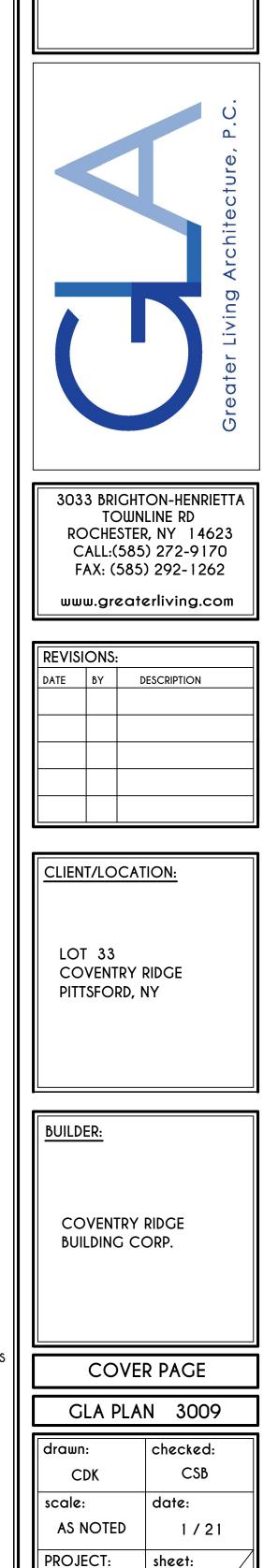
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ARTICLE 145, SECTION 7209

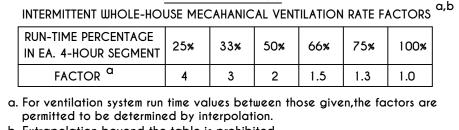


15428

TABLE M1505.4.3 (1) CONTINUOUS WHOLE-HOUSE MECHANICAL VENTILATION

SYSTEM AIRFLOW RATE REQUIREMENTS							
	DWELLING UNIT		NUMBER OF BEDROOMS				
	FLOOR AREA	0-1	2-3	4-5	6-7	> 7	1
	(square feet)		AIRF	LOW IN	CFM		
	< 1,500	30	45	60	75	90	
	1,501-3,000	45	60	75	90	105	
	3,001-4,500	60	75	90	105	120	м
	4,501-6,000	75	90	105	120	135	*
	6,001-7,500	90	105	120	135	150	
	> 7,500	105	120	135	150	165	
FOR SI: 1 square foot=0.0929 m2, 1 cubic foot per min=0.0004719 m3/s							

TABLE M1505.4.3 (2)



b. Extrapolation beyond the table is prohibited. TABLE M1505.4.4

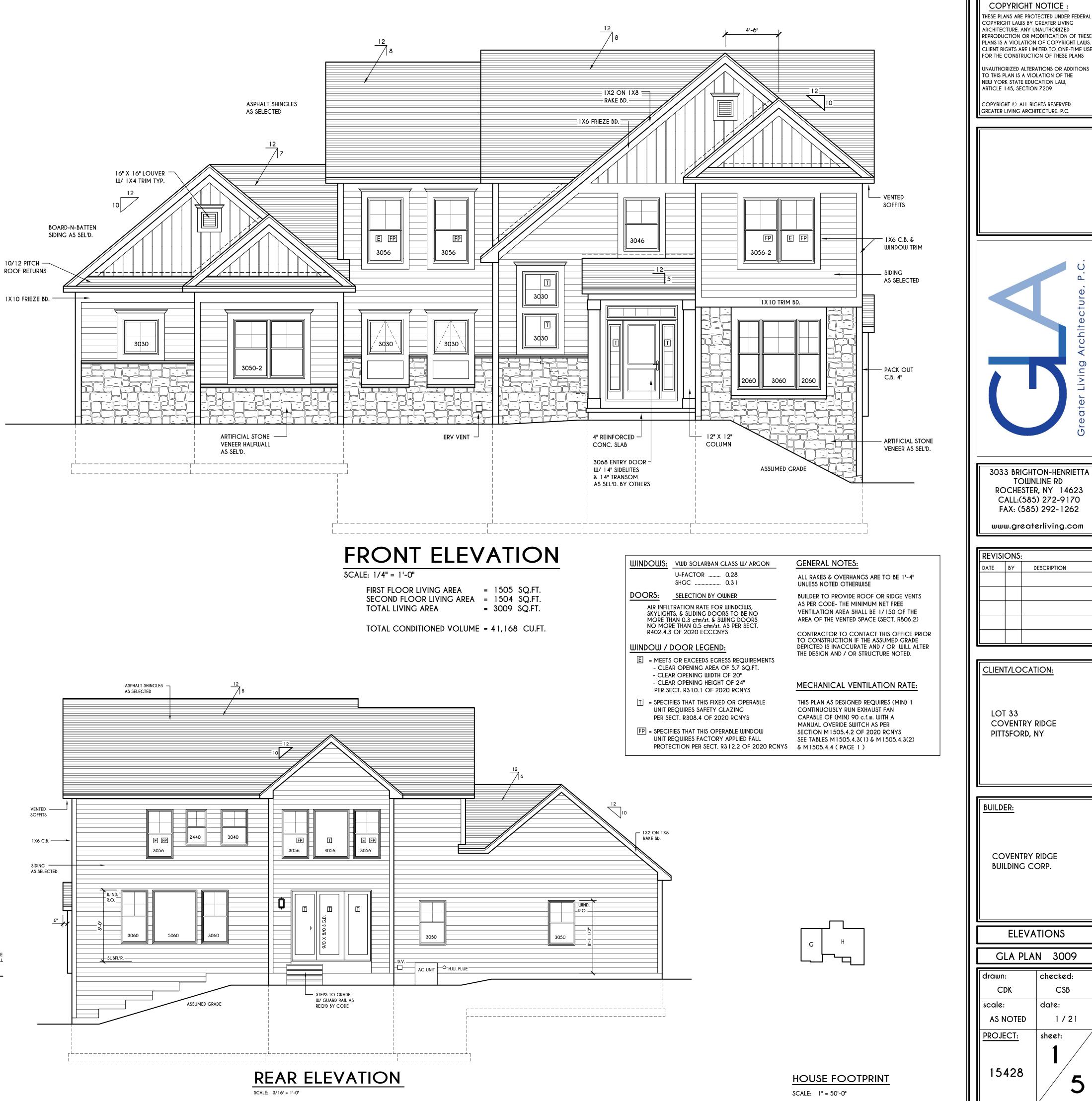
MINIMUM REQUIRED LOCAL EXHAUST RATES FOR ONE AND TWO-FAMILY DWELLINGS

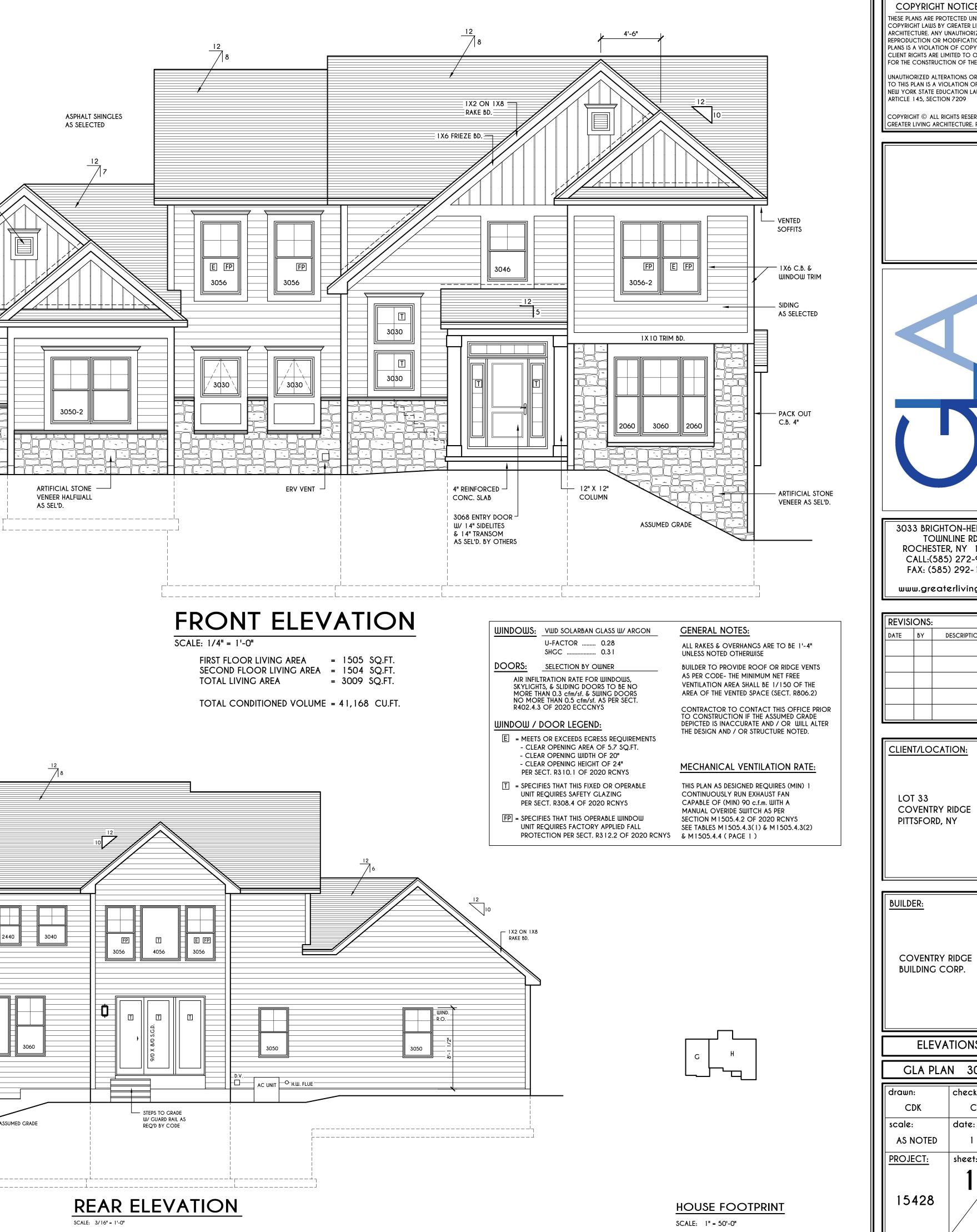
AREA TO BE EXHAUSTED	EXHAUST RATES
KITCHENS	100 cfm INTERMITTENT OR 25 cfm CONTINUOUS
BATHROOMS-	MECHANICAL EXHAUST CAPACITY OF 50 cfm
TOILET ROOMS	INTERMITTENT OR 20 cfm CONTINUOUS

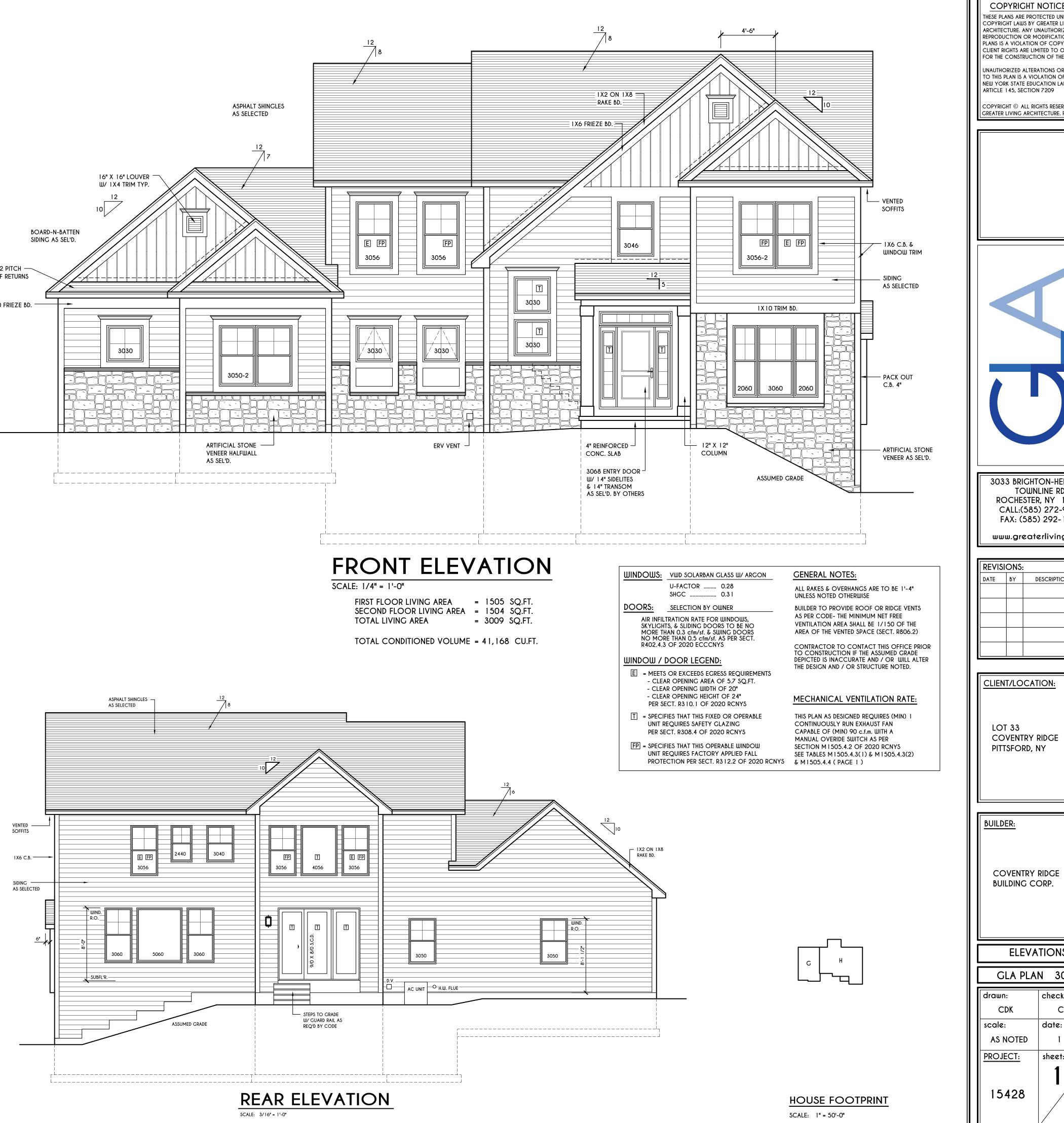
FOR SI: 1 CUBIC FT. PER MINUTE = 0.0004719 m 3/s.

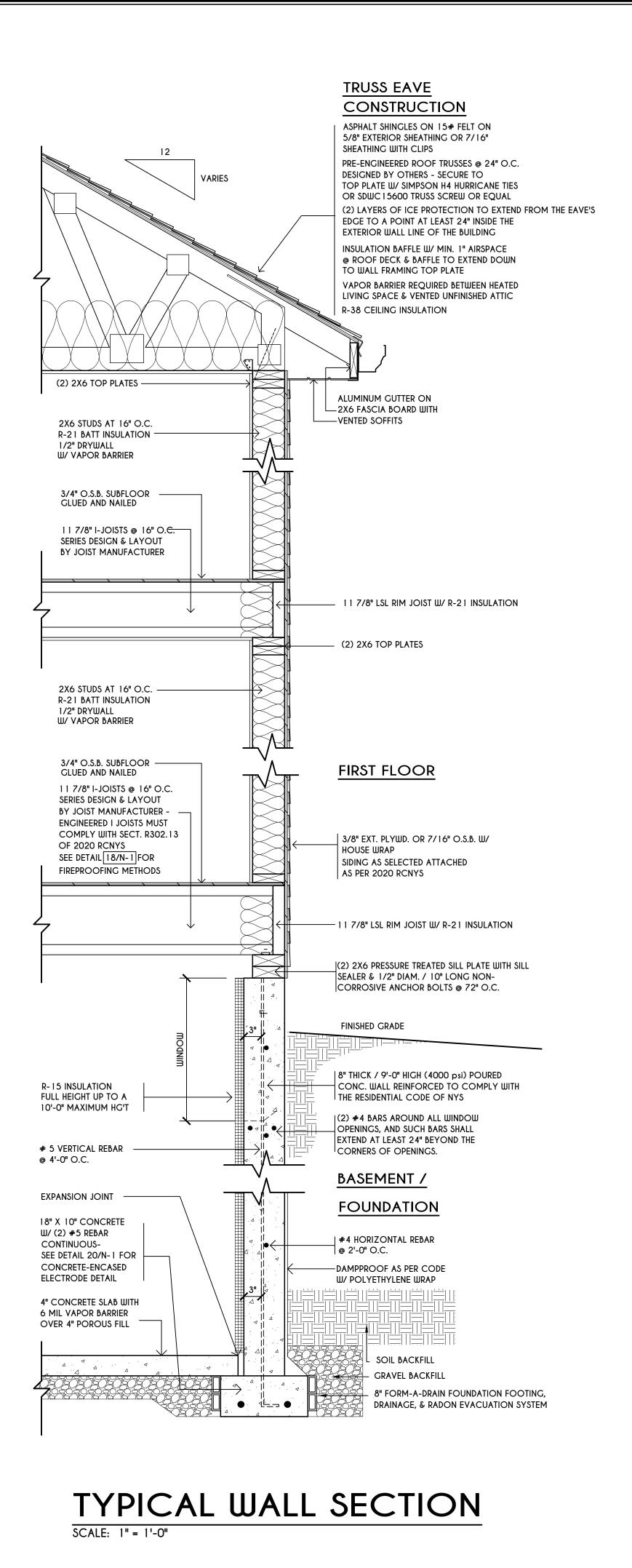


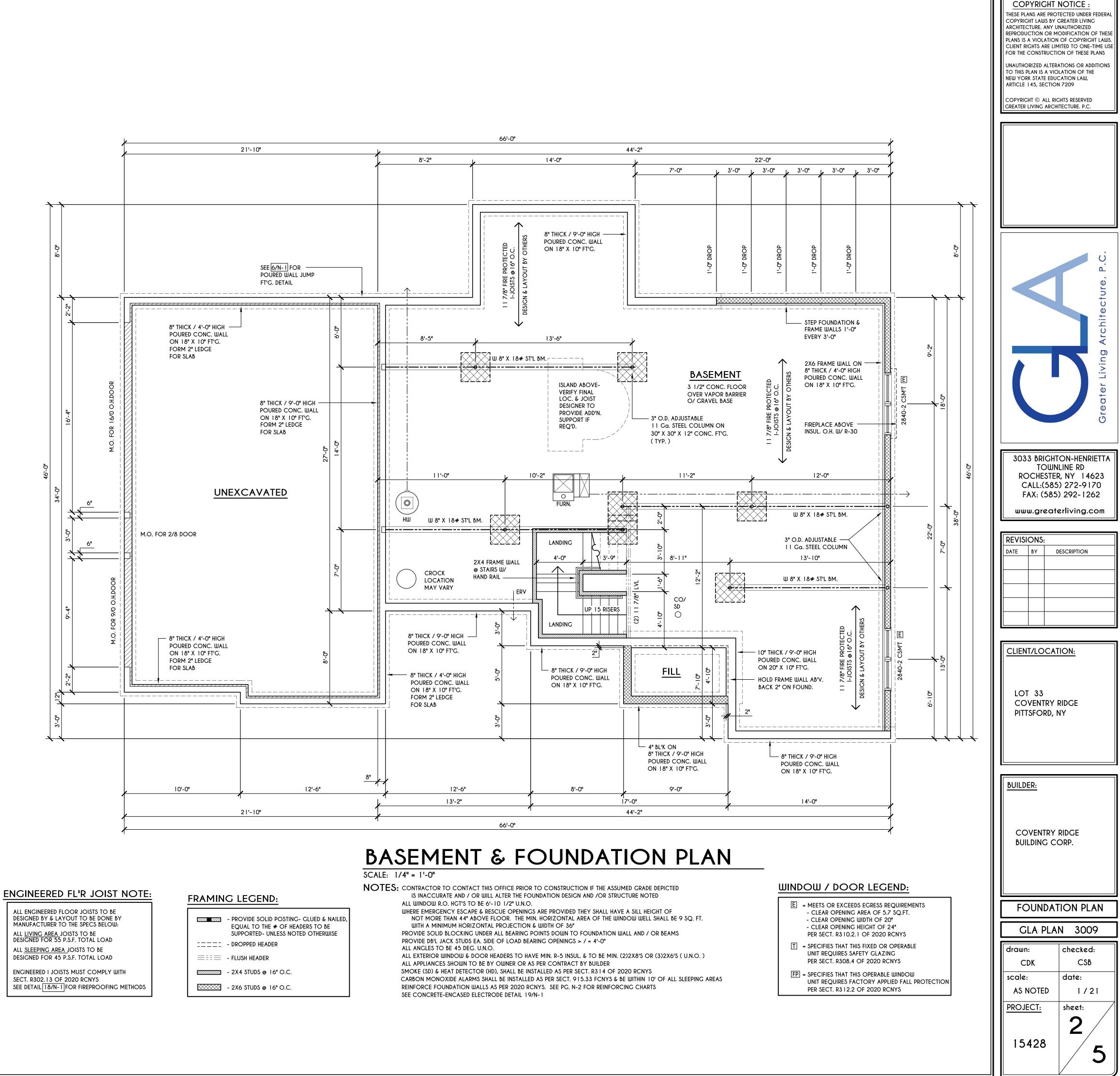










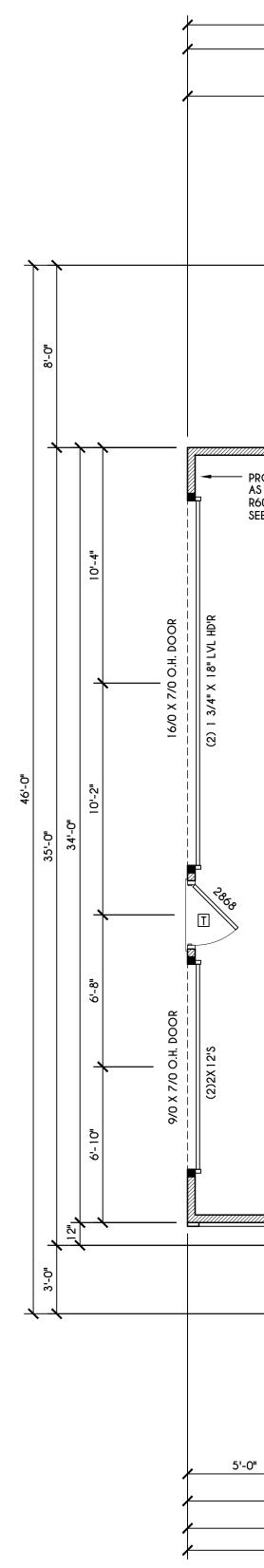


ALL <u>LIVING AREA</u> JOISTS TO BE DESIGNED FOR 55 P.S.F. TOTAL LOAD ALL SLEEPING AREA JOISTS TO BE DESIGNED FOR 45 P.S.F. TOTAL LOAD

ENGINEERED I JOISTS MUST COMPLY WITH SECT. R302.13 OF 2020 RCNYS

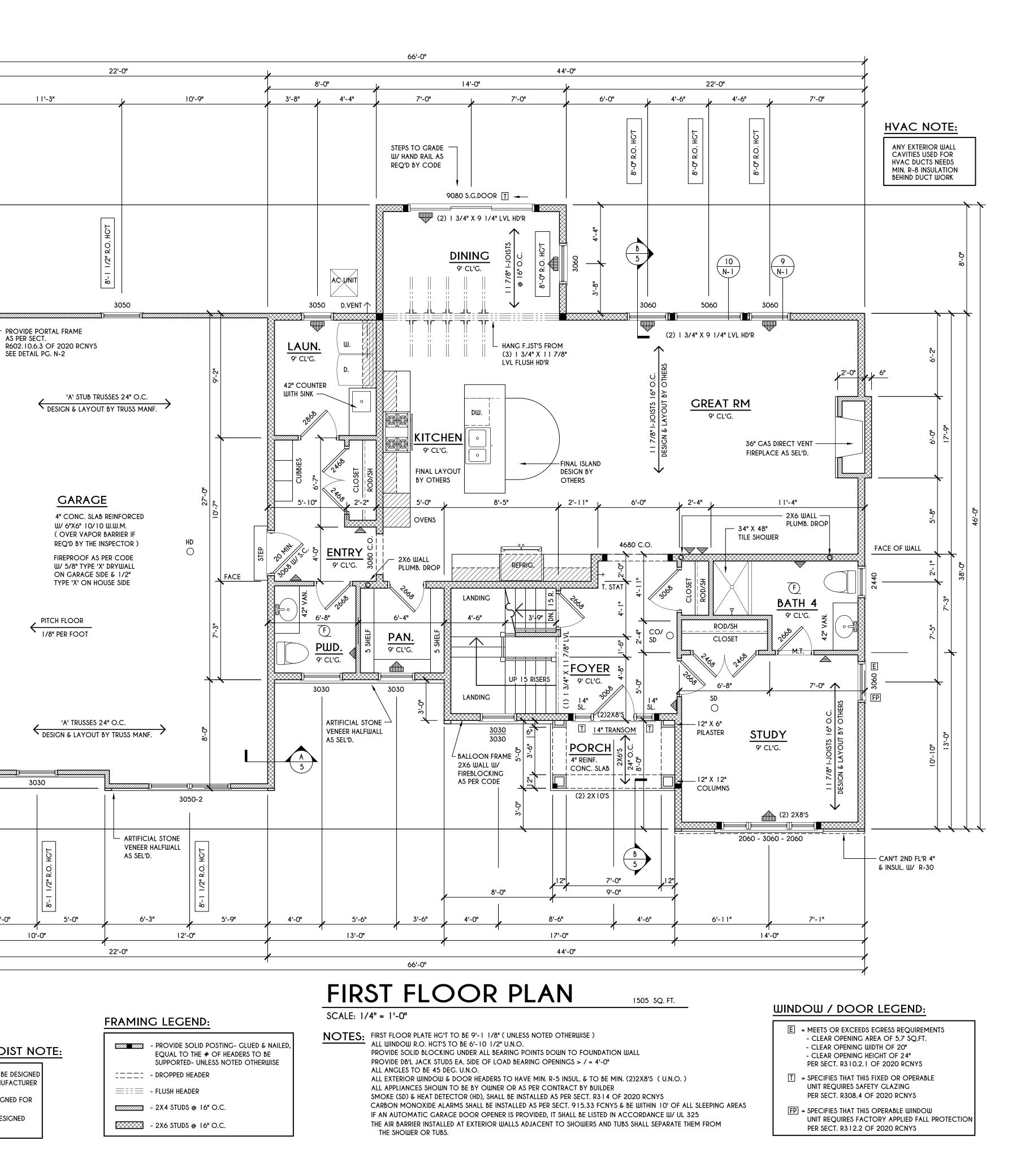
SEE DETAIL 18/N-1 FOR FIREPROOFING METHODS

	- PROVIDE SOLID POSTING- GLUED & NAILED EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
	- DROPPED HEADER
===	- FLUSH HEADER
	- 2X4 STUDS @ 16" O.C.



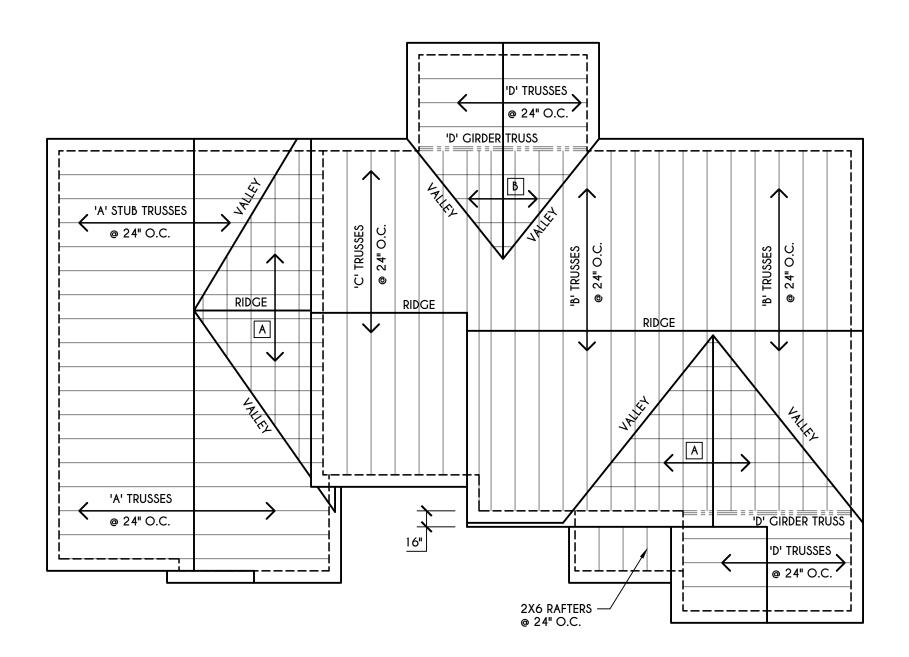
ENGINEERED FLOOR JOIST

ALL ENGINEERED FLOOR JOISTS TO BI
BY & LAYOUT TO BE DONE BY MANU
TO THE SPECS BELOW:
ALL LIVING AREA JOISTS TO BE DESIG
55 P.S.F. TOTAL LOAD
ALL SLEEPING AREA JOISTS TO BE DES
FOR 45 P.S.F. TOTAL LOAD



	DTE:		- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
ESIGNED CTURER		:===:	- DROPPED HEADER
			- FLUSH HEADER
D FOR			- 2X4 STUDS @ 16" O.C.
NED			- 2X6 STUDS @ 16" O.C.





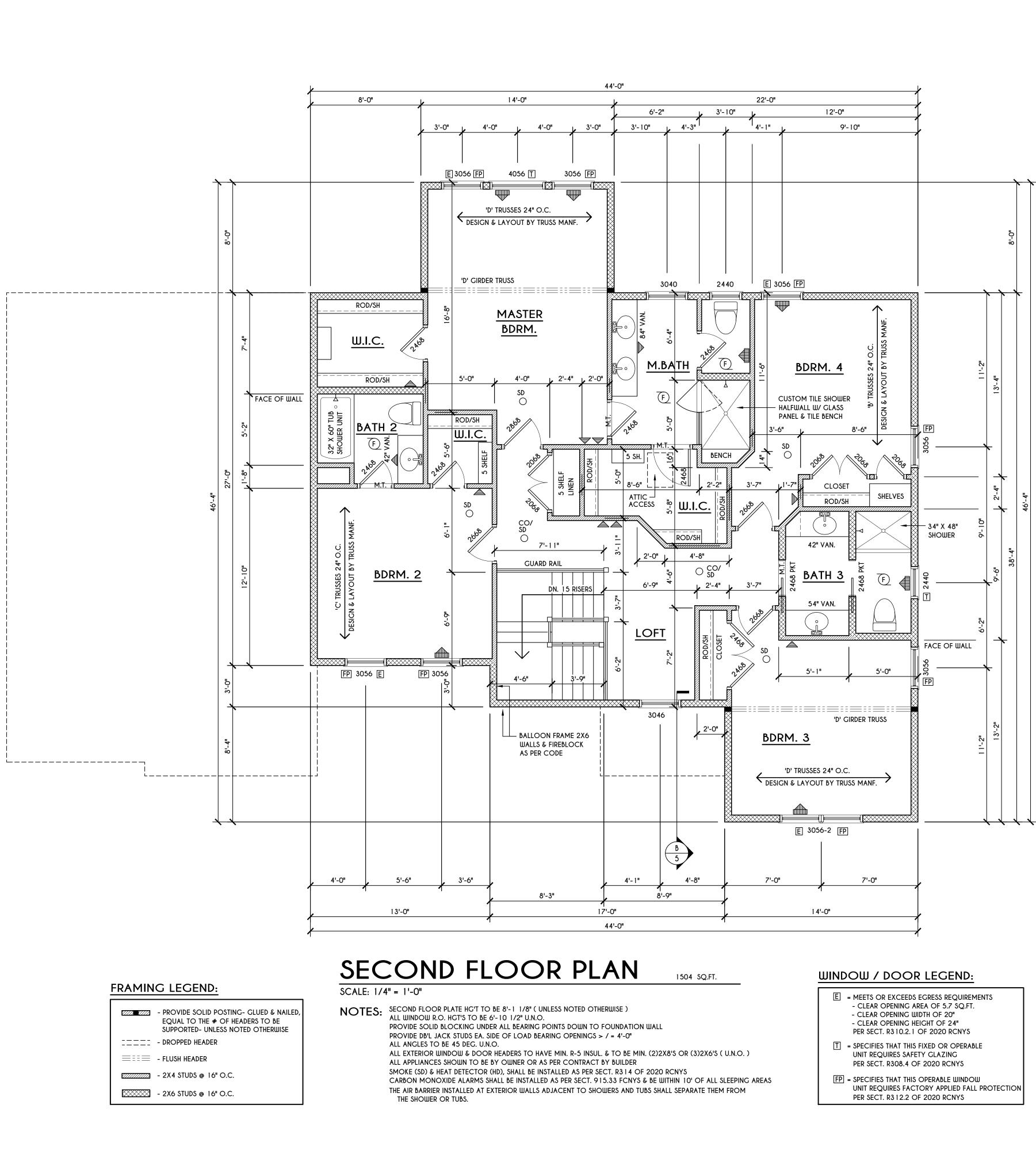
ALL RAKES & OVERHANGS ARE TO BE 1'-O" UNLESS NOTED OTHERWISE

ALL NON-STRUCTURAL VALLEYS TO HAVE 2X12 SLEEPER ATTACHED TO PLYWOOD ROOF SHEATHING

THIS FRAMING DIAGRAM IS INTENDED TO BE SCHEMATIC AND POSITION OF MEMBERS MAY BE ALTERED TO SUIT ACTUAL FIELD CONDITIONS

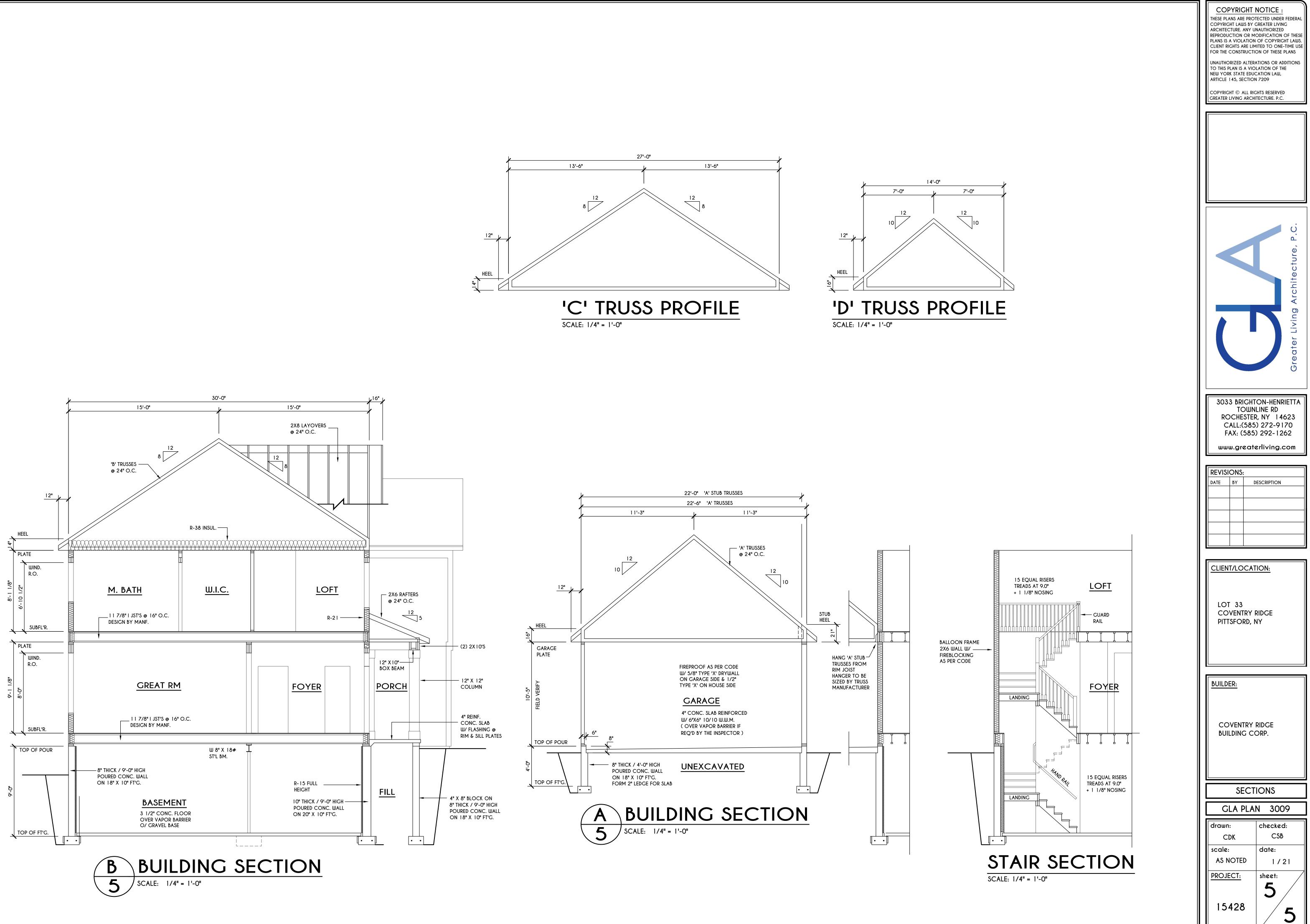


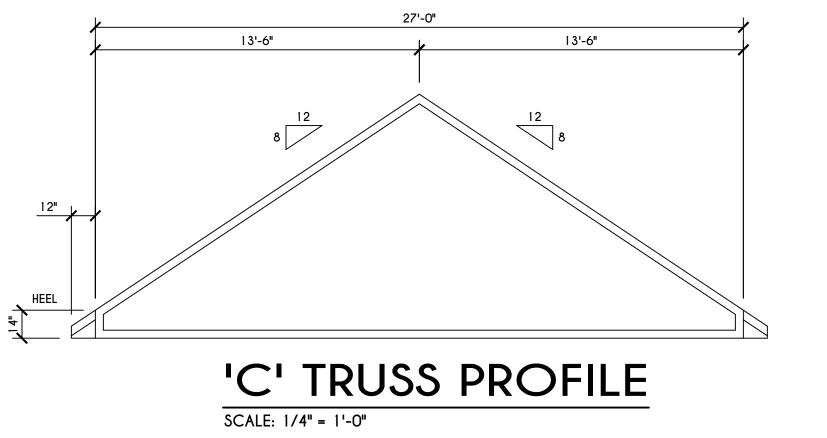
A – 2X8 LAYOVER RAFTERS 24" O.C. B - 2X6 LAYOVER RAFTERS 24" O.C.

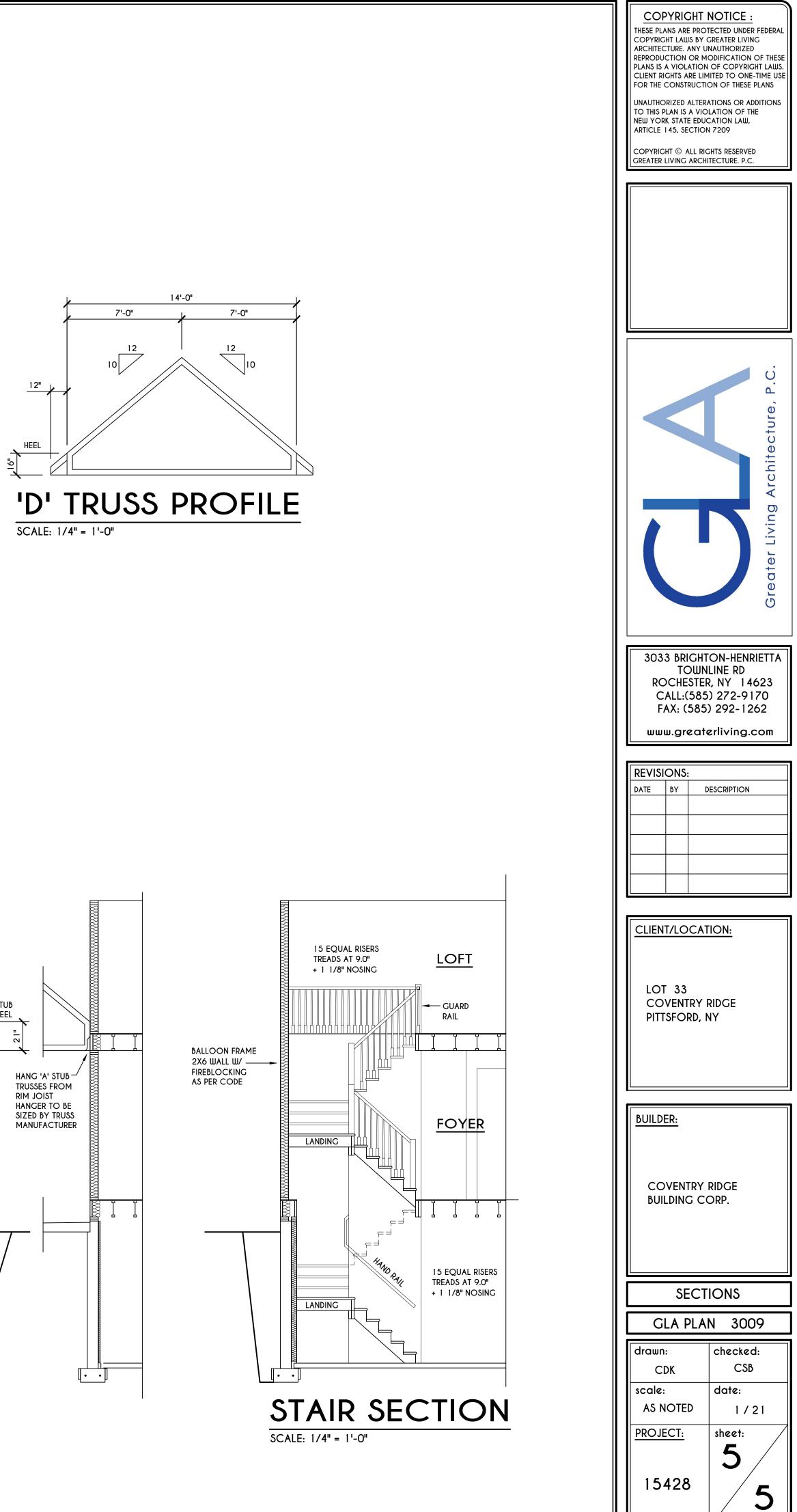


	- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
:===:	- DROPPED HEADER
	- FLUSH HEADER
	- 2X4 STUDS @ 16" O.C.
	- 2X6 STUDS @ 16" O.C.

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TOWNLINE RD ROCHESTER, NY 14623 CALL:(585) 272-9170 FAX: (585) 292-1262 www.greaterliving.com Image: State of the st		é		
LOT 33 COVENTRY RIDGE PITTSFORD, NY BUILDER: COVENTRY RIDGE BUILDING CORP. SECOND FLOOR PLAN GLA PLAN 3009	TOWN ROCHESTER CALL:(585 FAX: (585) www.greate REVISIONS:	LINE RD 2, NY 14623 272-9170 292-1262 2rliving.com		
COVENTRY RIDGE PITTSFORD, NY BUILDER: COVENTRY RIDGE BUILDING CORP. SECOND FLOOR PLAN GLA PLAN 3009 drawn: checked: CDK CSB scale: date: AS NOTED 1 / 21 PROJECT: sheet: 4	CLIENT/LOCAT	<u>ION:</u>		
COVENTRY RIDGE BUILDING CORP. SECOND FLOOR PLAN GLA PLAN 3009	COVENTRY I			
GLA PLAN3009drawn:checked:CDKCSBscale:date:AS NOTED1 / 21PROJECT:sheet:4	COVENTRY	-		
scale: date: AS NOTED 1 / 21 <u>PROJECT:</u> sheet: 4	GLA PLA drawn:	N 3009 checked:		
15428	scale: AS NOTED <u>PROJECT:</u>	date: 1 / 21		







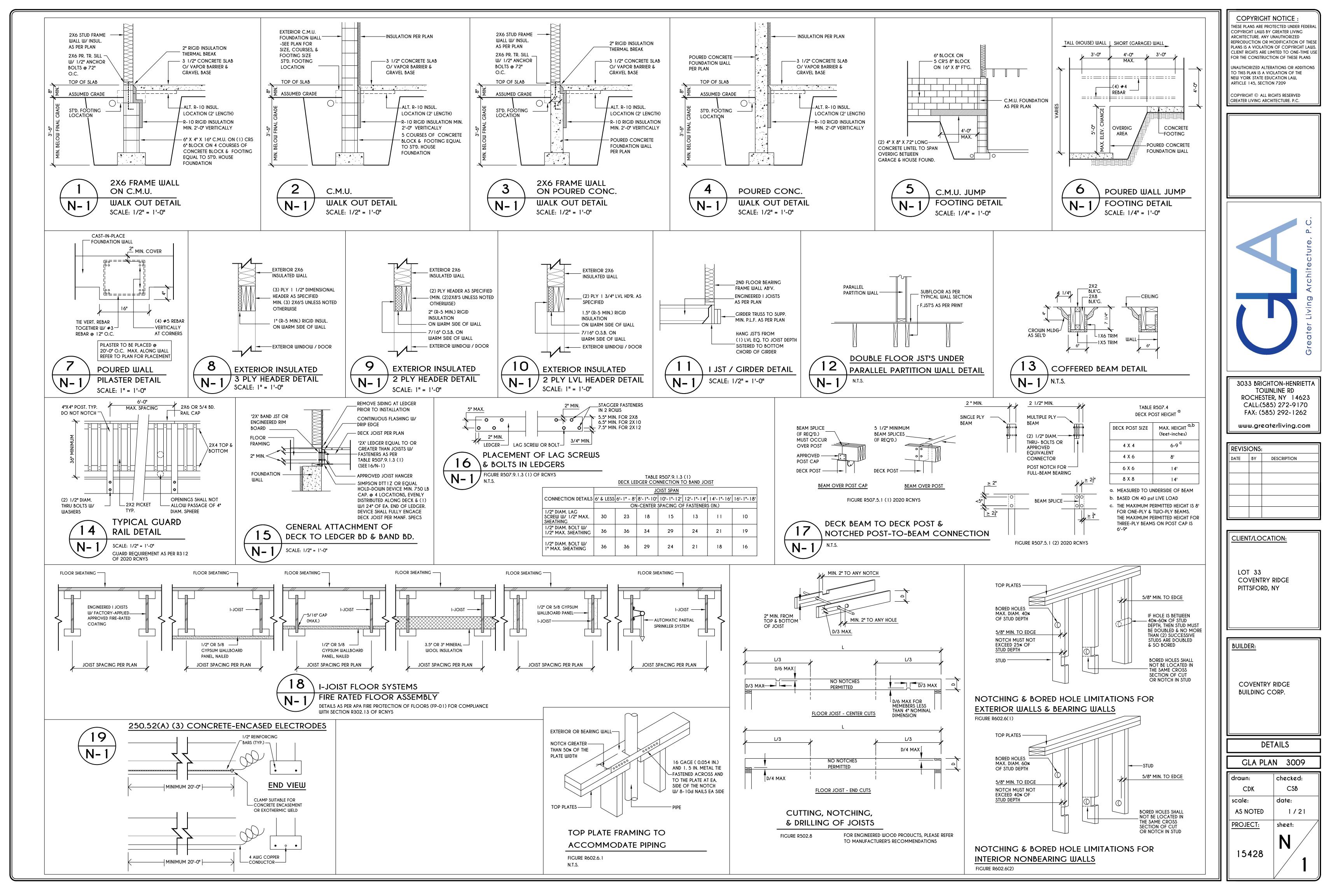


TABLE R404.1.1(2)

	8-INCH		LLS WITH REINFORCING WHERE d	> 5 INCHES ^{a, c, f}		
			MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) ^{b, c}			
			ES AND LATERAL SOIL LOAD d (
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]			SC, MH, ML-CL AND INORGANIC CL SOILS 60		
6'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	6'-8"	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.		
7'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.		
	7'-4"	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.		
8'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.		
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.		
	8'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.		
8'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.		
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.		
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.		
	8'-8"	#6 @ 48" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.		
9'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.		
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.		
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.		
	8'	#6 @ 48" O.C.	#6 @ 40" O.C.	#6 @ 24" O.C.		
	9'-4"	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.		
10'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.		
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.		
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.		
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.		
	8'	#6 @ 48" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.		
	9'	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.		
	10'	#6 @ 32" O.C.	#6 @ 16" O.C.	#6 @ 16" O.C.		

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND.

b. ALTERNATIVE REINFORCING BAR SIZES AND SPACING'S SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENT DOES NOT EXCEED 72" IN SEISMIC DESIGN CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2.

c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 5 INCHES. d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR

MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN

INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED. f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R404.1.1(3)

	10-INC	MASONRY FOUNDATION W	ALLS WITH REINFORCING	
		MINIMUM VERTICAL REINFORCE		
		SOIL CLASSE	ES AND LATERAL SOIL LO	
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]	GW, GP, SW, AND SP SOILS 30	GM, GS, SM-SC AND M 45	
6'-8"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'-8"	#4 @ 56" O.C.	#5 @ 56" O.C.	
7'-4"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	7'-4"	#4 @ 56" O.C.	#5 @ 56" O.C.	
8'-0"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.	
8'-8"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	
	8'-8"	#5 @ 56" O.C.	#6 @ 56" O.C.	
9'-4"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'	#4 @ 56" O.C.	#5 @ 56" O.C.	
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.	
	9'-4"	#6 @ 56" O.C.	#6 @ 40" O.C.	
10'-0"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.	
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	
	6'	#4 @ 56" O.C.	#5 @ 56" O.C.	
	7'	#5 @ 56" O.C.	#6 @ 56" O.C.	
	8'	#5 @ 56" O.C.	#6 @ 48" O.C.	
	9'	#6 @ 56" O.C.	#6 @ 40" O.C.	
	10'	#6 @ 48" O.C.	#6 @ 32" O.C.	

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND. b. ALTERNATIVE REINFORCING BAR SIZES AND SPACINGS SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENTDOES NOT EXCEED 72" IN SEISMIC DESIGN CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2. c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 6.75 INCHES. d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR

CONCRETE SLAB IS PERMITTED. f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

	TABLE	ER 402.4.1.1	_
AIR BARRIER	AND	INSULATION	INSTALLATIO

1	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE.			
GENERAL REQUIREMENTS	THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER.	AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.		
	BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.			
CEILING / ATTIC	THE AIR BARRIER IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SHALL BE SEALED.	THE INSULATION IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE AIR BARRIER.		
	ACCESS OPENINGS, DROP DOWN STAIRS, OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.			
	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED.	CAVITIES WITH CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL		
WALLS	THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHE BE SEALED.	RESISTANCE OF R-3 PER INCH MINIMUM.		
	KNEE WALLS SHALL BE SEALED.	EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.		
WINDOWS, SKYLIGHTS AND DOORS	THE SPACE BETWEEN WINDOW / DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING SHALL BE SEALED.			
RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.		
FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS)	THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	AT ANY AT ANY AT ANY AT ANY AT ANY AT ANY AT ANY AT ANY AT ANY AT		
CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWLSPACE WALLS.		
SHAFTS, PENETRATIONS	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING THE EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.			
NARROW CAVITIES		BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACE.		
GARAGE SEPARATION	AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.			
RECESSED LIGHTING	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE DRYWALL.	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.		
PLUMBING AND WIRING		BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND WIRING AND PLUMBING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND PIPING AND WIRING.		
SHOWER / TUB ON EXTERIOR WALL	THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.		
ELECTRICAL / PHONE BOX ON EXTERIOR WALLS	THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.			
HVAC REGISTER BOOTS	HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.			
CONCEALED SPRINKLERS	WHEN REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALL OR CEILINGS.			

a. IN ADDITION, INSPECTION OF LOG WALLS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ICC-400.

10-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 6.75 INCHES a, c, fORCEMENT AND SPACING (INCHES)^{b, c} SOIL LOAD ^d (psf PER FOOT BELOW GRADE) AND ML SOILS SC, MH, ML-CL AND INORGANIC CL SOILS #4 @ 56" O.C #4 @ 56" O.0 #5 @ 56" O.0 0.C. #4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #4 @ 56" O.C. 0.C. O.C. #4 @ 56" O.C. O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 48" O.C O.C. #4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #6 @ 32" O.C #4 @ 56" O.C. 0.C. #4 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 40" O.C #6 @ 24" 0.0 O.C.

#4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C #6 @ 48" O.C #6 @ 40" O.C #6 @ 24" O.C #6 @ 24" O.C

	12-INCI	MASONRY FOUNDATION W		d > 8.75 INCHES ^{a, c, f}
			VERTICAL REINFORCEMENT AND	
			ES AND LATERAL SOIL LOAD ^d (
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]	GW, GP, SW, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MH, ML-CL AND INORGANIC CL SOILS 60
6'-8"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	6'-8"	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.
7'-4"	4' (OR LESS) 5' 6' 7'-4"	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C.
8'-0"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.
8'-8"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
	8'-8"	#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.
9'-4"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 56" O.C.
	9'-4"	#6 @ 72" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.
10'-0"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
	7'	#4 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 72" O.C.
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 48" O.C.
	9'	#6 @ 72" O.C.	#6 @ 56" O.C.	#6 @ 40" O.C.
	10'	#6 @ 64" O.C.	#6 @ 40" O.C.	#6 @ 32" O.C.

TABLE R404.1.1(4)

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND. b. ALTERNATIVE REINFORCING BAR SIZES AND SPACINGS SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENTDOES NOT EXCEED 72" IN SEISMIC DESIGN

CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2. c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 8.75 INCHES.

d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE

TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL, WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.

f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

MAXIMUM UNBALANCED MAXIMUM WALL HEIGHT (FEET) (FEET) 4 NR 5 NR 4 NR 6 4 5 6 #4@ 6 #5 @ 8 #6@ 4 NR 5 NR 6 #4@ 7 #5 @ 8 #6@ 9 #6@ #5 @ #6 @ #6@ #6@ #6 @ 28" #6 @ 33" #6 @ 45" NR DR ^j #6 @ 23" #6 @ 29" #6 @ 38" DR #6 @ 22" #6 @ 22" #6 @ 22" #6 @ 22" #6 @ 28"

a. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. REFER TO TABLE R405.1. b. TABLE VALUES ARE BASED ON REINFORCING BARS WITH A MINIMUM YEID STRENGTH OF 60,000 PSI c. VERTICAL REINFOREMENT WITH A YIELD STRENGTH OF LESS THAN 60,000 PSI AND / OR BARS OF A DIFFERENT SIZE THAN SPECIFIED IN THE TABLE ARE PERMITTED IN ACCORDANCE WITH SECTION R404.1.3.3.7.6 AND TABLE R404.1.2 (9) d. NR INDICATES NO VERTICAL WALL REINFORCEMENT IS REQUIRED, EXCEPT FOR 6-INCH NOMINAL WALLS FORMED WITH STAY-IN-PLACE FORMING SYSTEMS IN WHICH CASE VERTICAL REINFORCEMENT SHALL BE NO. 4 @ 48 INCHES ON CENTER. e. ALLOWABLE DEFLECTION CRITERION IS L/240, WHERE L IS THE UNSUPPORTED HEIGHT OF THE BASEMENT WALL IN INCHES. f. INTERPOLATION IS NOT PERMITTED.

o. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

ON

N CRITERIA 1E WALLS ≷ FRAMED NTACT ARRIER. INSTALLED JNDERSIDE CAVITY NTACT WITH S INSULATION ING AND

R401.4 SOIL TESTS

WHERE QUANTIFIABLE DATA CREATED BY ACCEPTED SOIL SCIENCE METHODOLOGIES INDICATE EXPANSIVE, COMPESSIBLE, SHIFTING OR OTHER QUESTIONABLE SOIL CHARACTERISTICS ARE LIKELY TO BE PRESENT, THE BUILDING OFFICIAL SHALL DETERMINE WHETHER TO REQUIRE A SOIL TEST TO DETERMINE THE SOIL'S CHARACTERISTICS AT A PARTICULAR LOCATION. THIS TEST BE DONE BY AN APPROVED AGENCY USING AN APPROVED METHOD.

R401.4.1 GEOTECHNICAL EVALUATION. IN LIEU OF A COMPLETE GEOTECHNICAL EVALUATION, THE LOAD-BEARING VALUES IN TABLE R401.4.1

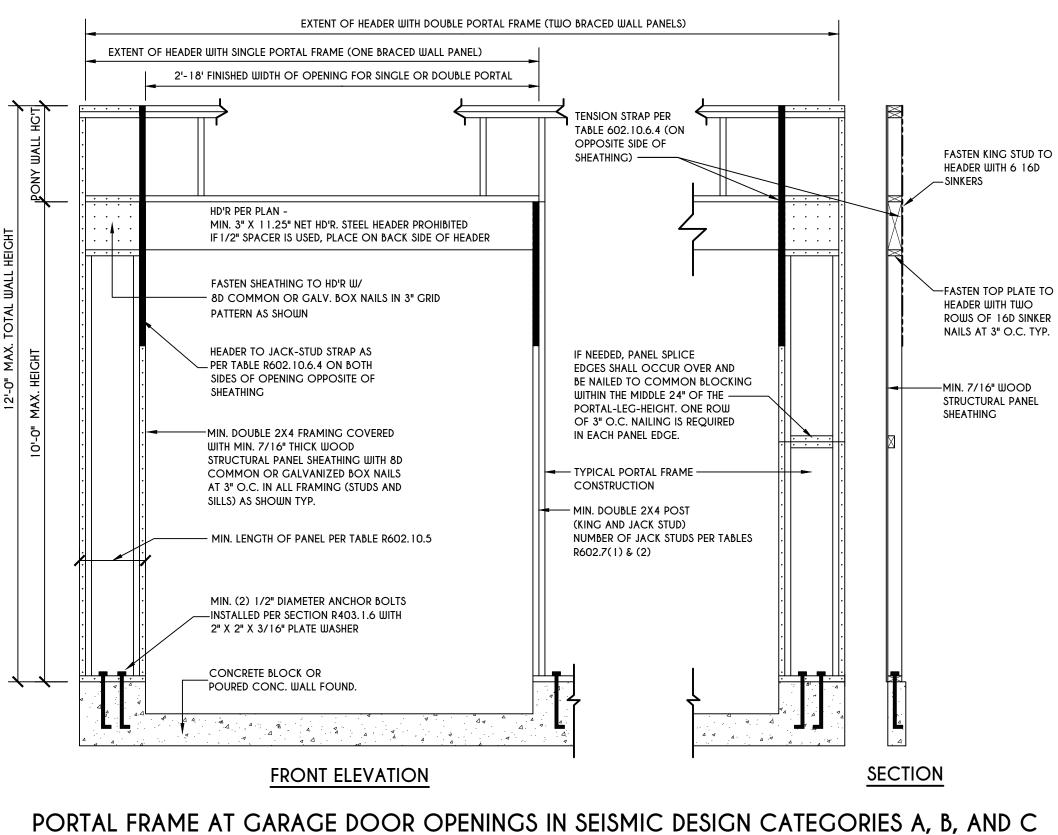
SHALL BE ASSUMED. TABLE R401.4.1

PRESUMPTIVE LOAD-BEARING VALUES	OF FOUNDATION MATERIALS
CLASS OF MATERIALS	LOAD-BEARING PRESSURE (pounds per square foot)
CRYSTALLINE BEDROCK	12,000
SEDIMENTARY & FOLIATED ROCK	4,000
SANDY GRAVEL AND/OR GRAVEL (GW & GP)	3,000
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY GRAVEL (SW, SP, SM, SC, GM, & GC)	2,000
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CL, ML, MH, & CH)	1,500 ^b

a. WHERE SOIL TESTS ARE REQUIRED BY SECTION R401.4, THE ALLOWABLE BEARING CAPACITIES OF THE SOIL SHALL BE PART OF THE RECOMMENDATIONS. b. WHERE THE BUILDING OFFICIAL DETERMINES THAT IN-PLACE SOILS WITH AN ALLOWABLE BEARING CAPACITY OF LESS THAN 1,500 psf ARE LIKELY TO BE PRESENT AT THE SITE, THE ALLOWABLE BEARING CAPACITY SHALL BE DETERMINED BY A SOILS INVESTIGATION.

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL	
GΨ	WELL-GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND, LITTLE OR NO FINES
SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
SM	SILTY SAND, SAND-SILT MIXTURES
GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
SC	CLAYEY SANDS, SAND-CLAY MIXTURE MIXTURES
ML	INORGANIC SILTS & VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
СН	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
ОН	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
PT	PEAT & OTHER HIGHLY ORGANIC SOILS



SCALE: N.T.S. FIGURE R602.10.6.3

TABLE R404.1.2(8)

MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10- AND 12-INCH NOMINAL FLAT BASEMENT WALLS b, c, d, e, f, h, i, k, n, o MINIMUM VERTICAL REINFORCEMENT-BAR SIZE & SPACING (inches) SOIL CLASSES AND DESIGN LATERAL SOIL (psf PER FOOT OF DEPTH)

G	Ш, GP, SШ, Л 30			GM,	, GS, SM-SC 45	C AND ML		SC, MH, M	L-CL AND II 60	NORGANIC	CL
	30		IMIM	L UM WALL TH		INCHES)			00		
	8	10	12	6	8	10	12	6	8	10	12
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR ¹	NR	NR	#4@35"	NR ¹	NR	NR
	NR	NR	NR	#5@48"	NR	NR	NR	#5 @ 36"	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	#5@47"	NR	NR	NR
	NR	NR	NR	#5@42"	NR	NR	NR	#6 @ 43"	#5 @ 48"	NR ¹	NR
» 46"	NR	NR	NR	#6@42"	#5@46"	NR ¹	NR	#6@34"	#6@48"	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@38"	NR ¹	NR	NR	#5 @ 43"	NR	NR	NR
» 37"	NR ¹	NR	NR	#5 @ 37"	NR	NR	NR	#6 @ 37"	#5@43"	NR ¹	NR
» 40"	NR	NR	NR	#6 @ 37"	#5@41"	NR ¹	NR	#6@34"	#6 @ 43"	NR	NR
¢43"	#5@47"	NR ¹	NR	#6@34"	#6@43"	NR	NR	#6@27"	#6@32"	#6@44"	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@35"	NR ¹	NR	NR	#5@40"	NR	NR	NR
≥34"	NR ¹	NR	NR	#6@48"	NR	NR	NR	#6 @ 36"	#6 @ 39"	NR ¹	NR
» 36"	NR	NR	NR	#6@34"	#5 @ 37"	NR	NR	#6 @ 33"	#6@38"	# 5 @ 37"	NR ¹
» 38"	#5@41"	NR	NR	#6@33"	#6 @ 38"	#5 @ 37"	NR ¹	#6@24"	#6 @ 29"	#6@39"	#4 @ 48"
» 34"	#6@46"	NR	NR	#6 @ 26"	#6@30"	#6@41"	NR	#6@19"	#6@23"	#6 @ 30"	#6 @ 39"
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@33"	NR ¹	NR	NR	#5 @ 38"	NR	NR	NR
≥ 48 "	NR ¹	NR	NR	#6 @ 45"	NR	NR	NR	#6@34"	# 5 @ 37"	NR	NR
¢ 47"	NR	NR	NR	#6@34"	#6 @ 48"	NR	NR	#6 @ 30"	# 6 @ 35"	#6@48"	NR ¹
» 34"	#5@38"	NR	NR	#6@30"	#6@34"	#6@47"	NR ¹	#6@22"	#6 @ 26"	#6 @ 35"	#6@45"
> 34"	#6@41"	#4@48"	NR ¹	#6@23"	#6@27"	#6 @ 35"	#4 @48" ^m	DR	#6 @ 22"	#6 @ 27"	#6@34"

g. WHERE WALLS WIL REMAIN 4 FEET OR MORE OF UNBALANCED BACKFILL, THEY SHALL BE LATERALLY SUPPORTED AT THE TOP AND BOTTOM BEFORE BACKFILLING. h. VERTICAL REINFORCEMENT SHALL BE LOCATED TO PROVIDE A COVER OF 1 1/4 INCHES MEASURED FROM THE INSIDE FACE OF THE WALL. THE CENTER OF THE STEEL SHALL NOT VARY FROM THE SPECIFIED LOCATION BY MORE THAN THE GREATER OF 10 PERCENT OF THE WALL THICKNESS OR 3/8 INCH. i. CONCRETE COVER FOR THE REINFORCEMENT MEASURE FROM THE INSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 3/4 INCH. CONCRETE COVER FOR REINFORCEMENT MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 1 1/2 INCHES FOR NO. 5 BARS AND SMALLER, AND NOT LESS THAN 2 INCHES FOR LARGER BARS.

j. DR MEANS DESIGN IS REQUIRED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE, OR WHERE THERE IS NO CODE, IN ACCORDANCE WITH ACI 318. K. CONCRETE SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH, fc OF NOT LESS THAN 2,500 PSI AT 28 DAYS, UNLESS A HIGHER STRENGTH IS REQUIRED BY FOOTNOTE 1 OR m. I. THE MINIMUM THICKNESS IS PERMITTED TO BE REDUCED 2 INCHES, PROVIDED THE MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, fc IS 4,000 PSI. m. A PLAIN CONCRETE WALL WITH A MINIMUM NOMINAL THICKNESS OF 12 INCHES IS PERMITTED, PROVIDED MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, fc IS 3,500 PSI. n. SEE TABLE R608.3 FOR TOLERANCE FROM NOMINAL THICKNESS PERMITTED FOR FLAT WALLS.

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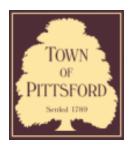
15428











Town of Pittsford

Department of Public Works 11 South Main Street Pittsford, New York 14534

Permit # B21-000026

Phone: 585-248-6250 FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 4 Rockdale Meadows PITTSFORD, NY 14534 Tax ID Number: 177.03-5-20 Zoning District: IZ Incentive Zoning Owner: Clover Street Development Applicant: Clover Street Development

Application Type:

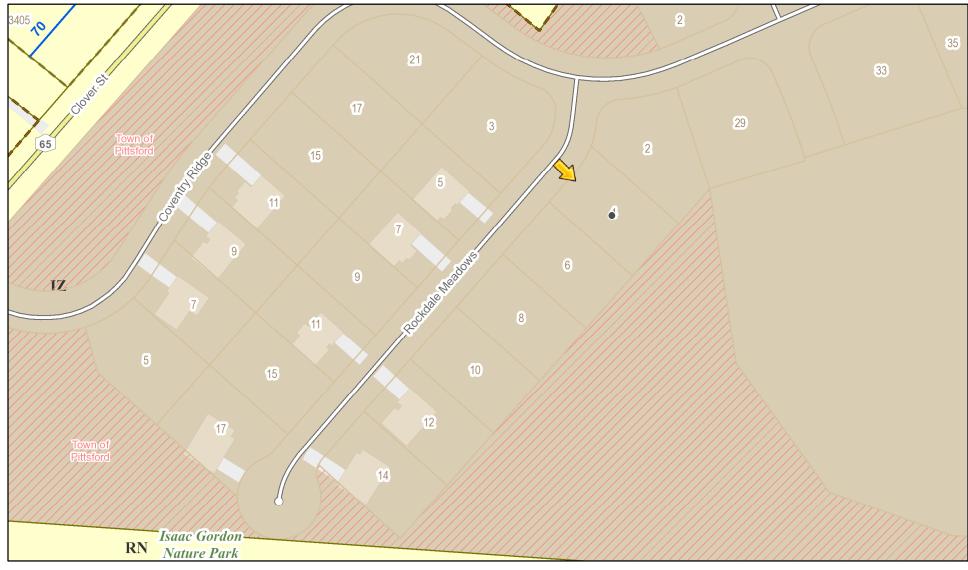
Residential Design Review	Build to Line Adjustment
 §185-205 (B) Commercial Design Review 	§185-17 (B) (2) Building Height Above 30 Feet
§185-205 (B)	§185-17 (M)
Signage	Corner Lot Orientation
§185-205 (C)	§185-17 (K) (3)
Certificate of Appropriateness	Flag Lot Building Line Location
└┘ §185-197	└── §185-17 (L) (1) (c)
Landmark Designation	Undeveloped Flag Lot Requirements
§185-195 (2)	└── §185-17 (L) (2)

Informal Review

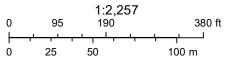
Project Description: Applicant is requesting design review for the construction of a one story single family home. The home will be approximately 2302 sq. ft. and will be located in the Coventry Ridge Subdivision.

Meeting Date: February 11, 2021

RN Residential Neighborhood Zoning



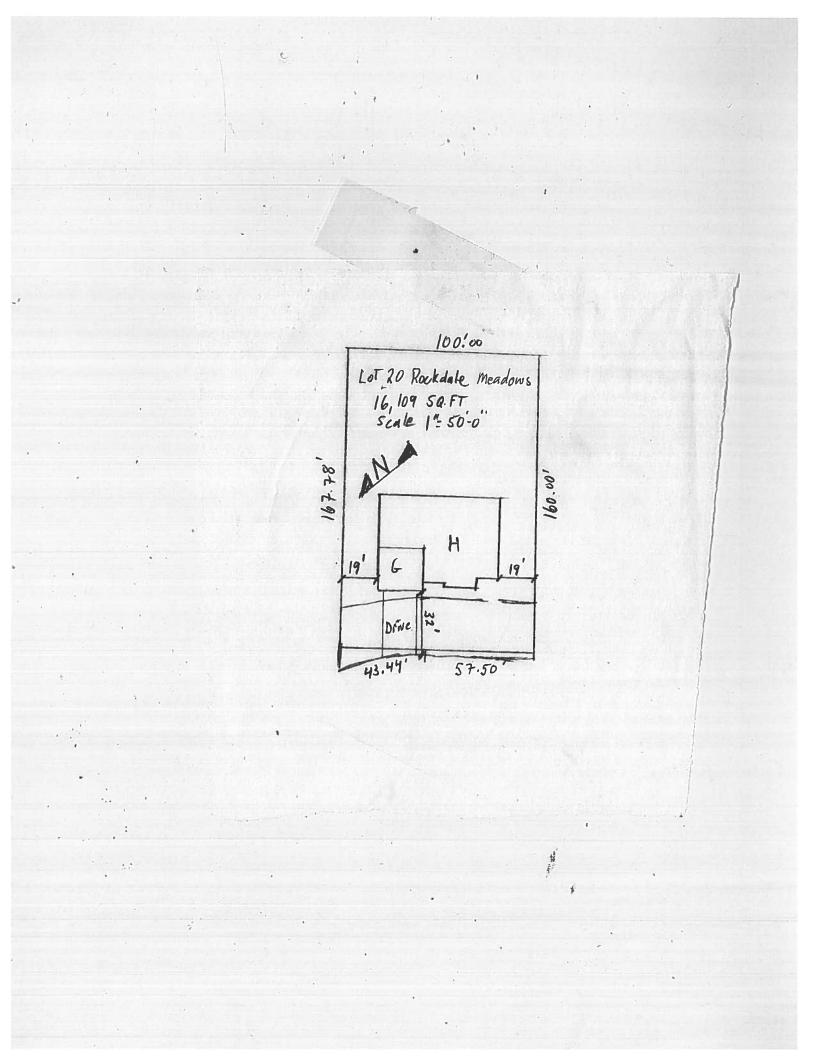
Printed February 4, 2021



Town of Pittsford GIS

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GENERAL NOTES:

THESE PLANS COMPLY WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (RCNYS) AND THE 2018 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS). COMPLIANCE METHOD: RESCHECK CERTIFICATE OR PRESCRIPTIVE

THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR, BUILDER OR OWNER OF THIS BUILDING TO NOTIFY GREATER LIVING ARCHITECTURE OF ANY DEVIATION FROM THESE DRAWINGS.

CONTRACTOR TO BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING/ ELECTRICAL/ MECHANICAL/ SANITARY AND ENERGY CONSERVATION CODES - STATE AND OR LOCAL.

CONTRACTOR TO BE RESPONSIBLE TO LOCAL BUILDING DEPARTMENT AND THAT DEPARTMENT'S INTERPRETATION OF THE BUILDING CODE SHOULD IT DIFFER FROM THESE PLANS.

CONTRACTOR TO BE RESPONSIBLE THAT BRAND NAME OF WINDOWS AND DOORS INSTALLED MEET NEW YORK STATE EXIT REQUIREMENTS.

IN THE EVENT OF ANY DISCREPANCIES BETWEEN PLANS, ELEVATIONS, AND/OR DETAILS, THE CONTRACTOR / SUB-CONTRACTOR SHALL CONTACT GREATER LIVING ARCHITECTURE BEFORE CONSTRUCTION FOR CLARIFICATION. IF GREATER LIVING ARCHITECTURE IS NOT CONTACTED, THE CONTRACTOR / SUB-CONTRACTOR WILL ASSUME FULL RESPONSIBILITY.

CONTRACTOR TO BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECATIONS/ PROGRAMS IN CONNECTION WITH THE WORK.

THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS - USE DIMENSIONS GIVEN.

THE CONTRACTOR/ OWNER SHALL REQUEST LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING.

THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND OWNER'S AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY CLAIMS ARISING FROM INJURIES DURING CONSTRUCTION, OR FAILURE TO MAINTAIN SAFE CONDITIONS ON THE SITE.

THESE DRAWINGS HAVE BEEN PREPARED FOR STUCTURAL REFERENCE ONLY. ELECTRICAL, MECHANICAL AND OTHER BUILDING SYSTEMS, IF REQUIRED, ARE TO BE DONE BY OTHERS

R806.2 MINIMUM VENT AREA. THE MINIMUM NET FREE VENTILATION AREA SHALL BE 15 OF THE AREA OF THE VENTED SPACE.

GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH PART VI OF THE 2020 RCNYS. A SHUTOFF VALVE SHALL BE PROVIDED AHEAD OF EVERY GAS APPLIANCE OR OUTLET FOR A GAS CONNECTION. VALVES SHALL BE LOCATED IN THE SAME ROOM AS, & WITHIN 6' OF THE APPLIANCE, EXCEPT THAT VALVES FOR VENTED GAS FIREPLACES, INSERTS, LOGS & ROOM HEATERS MAY BE REMOTE FROM THE APPLIANCE WHERE PROVIDED WITH READY ACCESS. SUCH VALVES SHALL BE PERMANENTLY IDENTIFIED & SERVE NO OTHER EQUIPMENT. SHUTOFF VALVES SHALL BE INSTALLED IN ACCORDANCE W/ SECTION G2420.

DRYER EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH & BE CONSTRUCTED OF METAL HAVING A MINIMUM THICKNESS OF 0.0157" (NO. 28 GUAGE), & SHALL BE 4" NOMINAL IN DIAMETER. EXHAUST DUCTS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS, BUT NOT LESS THAN 3' IN ANY DIRECTION FROM OPENINGS INTO BUILDINGS.

ENERGY EFFICIENCY:

R401.3 CERTIFICATE (MANDATORY) A PERMANENT CERTIFICATE COMPLETED SHALL BE COMPLETED BY THE BUILDER OR OTHER APPROVED PARTY, AND POSTED ON A WALL IN THE SPACE WHERE THE FURNACE IS LOCATED, A UTILITY ROOM OR AN APPROVED LOCATION INSIDE THE BUILDING.

R402.2.4 ATTIC ACCESS SHALL BE INSULATED WITH THE SAME R- VALUE AS THE ATTIC, WEATHER STRIPPED & LATCHED

R402.4 AIR LEAKAGE. THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.5.

R402.4.1BUILDING THERMAL ENVELOPE . THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH SECTIONS R402.4.1.1 AND R402.4.1.2. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

R402.4.1.1 INSTALLATION. THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE AS LISTED IN TABLE 402.4.1.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE CRITERIA LISTED IN TABLE R402.4.1.1, AS APPLICABLE TO THE METHOD OF CONSTRUCTION. WHERE REQUIRED BY THE CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS AND VERIFY COMPLIANCE. SEE PAGE N-2 FOR TABLE.

R402.4.1.2 TESTING. THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 380, ASTM E779, OR ASTM E1827 AND REPORTED AT A PRESSURE OF 0.2 INCH w.g. (50 PASCALS). TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. A WRITTEN REPORT OF THE TEST RESULTS SHALL BE SUPPLIED TO THE CODE OFFICIAL PRIOR TO RECEIPT OF A C OF O. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AN APPROVED PARTY INDEPENDENT OF THE INSULATION INSTALLER TO DO THE INSPECTIONS

DURING TESTING:

- 1. EXTERIOR WINDOWS AND DOORS, FIREPLACES AND STOVE DOORS SHALL BE CLOSED, BUT NOT SEALED, BEYOND THE INTENDED WEATHERSTRIPPING OR OTHER INFILTRATION CONTROL MEASURES.
- 2. DAMPERS INCLUDING EXHAUST, INTAKE, MAKEUP AIR, BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED, BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.
- 3. INTERIOR DOORS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE OPEN.
- 4. EXTERIOR DOORS FOR CONTINUOUS VENTILATION SYSTEMS AND HEAT RECOVERY VENTILATORS SHALL BE CLOSED AND SEALED.
- 5. HEATING AND COOLING SYSTEMS, IF INSTALLED AT THE TIME OF REST, SHALL BE TURNED OFF.
- 6. SUPPLY AND RETURN REGISTERS, IF INSTALLED AT THE TIME OF REST, SHALL BE FULLY OPEN.

R402.4.5 RECESSED LIGHTING. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. RECESSED LUMINARIES SHALL BE IC-RATED AND LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT GREATER THAN 2.0 c.f.m (0.944 L/s) WHEN TESTED IN ACCORDANCE WITH ASTM E283 AT A PRESSURE DIFFERENTIAL OF 1.57 p.s.f. (75 Pa.). RECESSED LUMINARIES SHALL BE SEALED WITH A GASKET OR CAULKED BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILIN COVERING.

R402.5 MAXIMUM FENESTRATION U-FACTOR & SHGC (MANDATORY) THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION U-FACTOR PERMITTED USING TRADEOFFS FROM SECT. R402.1.5 OR R405 SHALL BE .48 IN CLIMATE ZONES 4 & 5 AND 0.40 IN CLIMATE ZONES 6-8 FOR VERTICAL FENESTRATION, & 0.75 IN CLIMATE ZONES 4-8 FOR SKYLIGHTS. THE AREA-WEIGHTED AVERAGE MAXIMUM FENESTRATION SHGC PERMITTED USING TRADEOFFS FROM SECTION R405 IN CLIMATE ZONES 1-3 SHALL BE 0.50

R403.1.1 PROGRAMMABLE THERMOSTAT. THE THERMOSTAT CONTROLLING THE PRIMARY HEATING AND COOLING SYSTEM SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY. THIS THERMOSTAT SHALL INC. THE CAPABILITY TO SET BACK OR TEMP. OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG OR UP TO 85 DEG.. THE THERMOSTAT SHALL INITIALLY BE PROGRAMMED BY THE MANF. WITH A HEATING TEMP. SET POINT NO HIGHER THAN 70 DEG. & A COOLING TEMP. SET POINT NO LOWER THAN 78 DEG.

R403.1.2 HEAT PUMP SUPPLEMENTARY HEAT (MANDATORY). HEAT PUMPS HAVING SUPPLEMENTARY ELECTRIC-RESISTANCE HEAT SHALL HAVE CONTROLS THAT, EXCEPT DURING DEFROST, PREVENT SUPPLEMENTAL HEAT OPERATION WHEN THE HEAT PUMP COMPRESSOR CAN MEET THE HEATING LOAD.

R403.3.1 INSULATION (PRESCIPTIVE) SUPPLY & RETURN DUCTS IN ATTICS SHALL BE INSULATED TO A MIN. OF R-8. WITH THE EXCEPTION OF DUCTS OR PORTIONS THEREOF LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE

R403.3.2 SEALING (MANDATORY). DUCTS, AIR HANDLERS AND FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH EITHER THE MECHANICAL CODE OF NEW YORK STATE (MCONYS) OR RCNYS, AS APPLICABLE.

R403.3.3 DUCT TESTING (MANDATORY). DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF THE FOLLOWING METHODS: 1. ROUGH IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa)

BE TAPED OR OTHERWISE SEALED DURING THE TEST. WOOD ROOF TRUSSES ARE TO BE METAL PLATE CONNECTED WOOD CHORD, WOOD WEB TRUSSES. TRUSS LAYOUT IS R403.3.5 BUILDING CAVITIES (MANDATORY). BUILDING FRAMING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS. SCHEMATIC ONLY. TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN (INCLUDING SPACING) OF ALL TRUSSES. TRUSSES TO BE DESIGNED AND CERTIFIED BY AN ENGINEER LICENSED IN THE GOVERNING STATE R403.4 MECHANICAL SYSTEM PIPING CAPABLE OF CARRYING FLUIDS ABOVE 105 DEGREES F OR BELOW 55 DEGREES F

SHALL BE INSULATED TO A MINIMUM OF R-3.

R403.5.1 HEATED WATER CIRCULATION & TEMPERATURE MAINTENANCE SYSTEMS (MANDATORY). HEATED WATER CIRCULATION SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.1. HEAT TRACE TEMPERATURE MAINTENANCE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.2. AUTOMATIC CONTROLS, TEMPERATURE SENSORS & PUMPS SHALL BE ACCESSIBLE. MANUAL CONTROLS SHALL BE READILY ACCESSIBLE.

- APPLIED TO THE FOLLOWING:
- 1. PIPING 3/4" AND LARGER IN NOMINAL DIAMETER. 2. PIPING SERVING MORE THAN ONE DWELLING UNIT.
- 3. PIPING LOCATED OUTSIDE THE CONDITIONED SPACE. 4. PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
- 5. PIPING LOCATED UNDER A FLOOR SLAB. 6. BURIED IN PIPING

7. SUPPLY & RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS R403.6 MECHANICAL VENTILATION (MANDATORY). THE BUILDING SHALL BE PROVIDED WITH VENTILATION THAT MEETS THE REQUIREMENTS OF THE IRC OR IMC, AS APPLICABLE, OR WITH OTHER APPROVED MEANS OF VENTILATION. OUTDOOR AIR INTAKES AND EXHAUSTS SHALL HAVE AUTOMATIC OR GRAVITY DAMPERS THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING

R403.6.1 WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY. MECHANICAL VENTILATION SYSTEM FANS SHALL MEET THE EFFICACY REQUIREMENTS OF TABLE R403.6.1.

R403.7 EQUIPMENT SIZING & EFFICIENCY RATING (MANDATORY). HEATING & COOLING EQUIPMENT SHALL BE SIZED IN ACCORDANCE W/ ACCA MANUAL S BASED ON BUILDING LOADS CALCULATED IN ACCORDANCE W/ ACCA MANUAL J OR OTHER APPROVED HEATING & COOLING CALCULATION METHODOLOGIES. NEW OR REPLACEMENT HEATING & COOLING EQUIPMENT SHALL HAVE A EFFICIENCY RATING EQUAL TO OR GREATER THAN THE MINIMUM REQUIRED BY FEDERAL LAW FOR THE GEOGRAPHIC LOCATION WHERE THE EQUIPMENT IS INSTALLED.

R404.1 LIGHTING EQUIPMENT (MANDATORY) A MINIMUM OF 90% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS.

SITE WORK:

THESE PLANS HAVE BEEN PREPARED ACCORDING TO THE 2020 RCNYS AND IECC REQUIREMENTS TO SUIT A GENERAL RANGE OF CONDITIONS THAT MAY BE AFFECTED BY A PARTICULAR BUILDING SITE OR BUILDER/ OWNER CONTRACTUAL AGREEMENT. CONTRACTOR TO BE RESPONSIBLE TO ADAPT THESE PLANS TO SUIT THE NEEDS OF THE BUILDING ON SITE AS REQUIRED, PROVIDED THAT SUCH ADJUSTMENTS DO NOT VIOLATE THE CODE OR ALTER THE STRUCTURAL INTEGRITY OF THE BUILDING.

CONTRACTOR/ OWNER SHALL PERFORM EXPLORATORY EXCAVATION TO DETERMINE ACTUAL FIELD CONDITIONS AND NOTIFY THIS OFFICE OF THE FINDINGS TO ALLOW FOR DESIGN CHANGES PRIOR TO ACTUAL CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/ OWNER TO DEVELOP THE NECESSARY FOUNDATION SOIL TO SUSTAIN THE LOAD DESIGNS OF 2500 P.S.F. AND TO HIRE, IF NECESSARY, A SOILS ENGINEER TO INSPECT AND VERIFY SOIL CONDITIONS PRIOR TO POURING OF FOUNDATIONS.

THE CONTRACTOR, BUILDER OR OWNER SHALL NOTIFY GREATER LIVING ARCHITECTURE OF ANY UNUSUAL SITE CONDITIONS WHICH MAY EFFECT THE FOUNDATION, DRAINAGE OR STRUCTURAL MEMBERS INCLUDING REQUIREMENTS FOR ADDITIONAL DEPTH OF FOOTINGS, UNSTABLE SOIL CONDITIONS AND HIGH GROUND WATER TABLE.

NO SITE INSPECTIONS ARE TO BE MADE BY THIS OFFICE. CONTRACTOR TO BE RESPONSIBLE FOR MATERIALS AND WORKMANSHIP. SUBSTITUTIONS FOR MATERIALS SPECIFIED TO BE MADE WITH THE PERMISSION OF THE LOCAL BUILDING DEPT.

ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE IF INSTALLED AT THE TIME OF THE TEST. ALL REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST.

2. POSTCONSTUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACCROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE. ALL REGISTERS SHALL

R403.5.3 HOT WATER PIPE INSULATION (PRESCRIPTIVE). INSULATION FOR HOT WATER PIPE WITH A MIN. R-3 SHALL BE

CALABRESE RESIDENCE LOT 20 COVENTRY RIDGE PITTSFORD, NY COVENTRY RIDGE BUILDING CORP. PLAN 2302 R / PROJECT 2538 H

SHEET INDEX

- C-1 COVER SHEET
- 1/7 FRONT & REAR ELEVATIONS
- 2/7 SIDE ELEVATIONS & ROOF PLAN
- 3/7 FOUNDATION PLAN
- 4/7 FOUNDATION ELECTRICAL PLAN
- 5/7 FIRST FLOOR PLAN
- 6/7 FIRST FLOOR ELECTRICAL PLAN
- 7/7 SECTIONS
- N-1 DETAILS
- N-2 REINFORCING NOTES

FOUNDATION:

THE BOTTOM OF ALL FOOTINGS SHALL BE AT LEAST 48" BELOW FINISHED GRADE & TO REST ON (ORIGINAL) UNDISTURBED SOIL, & ASSUMED MINIMUM SOIL BEARING PRESSURE TO BE 2500 P.S.F. CONTRACTOR TO BE RESPONSIBLE FOR ALL SUBGRADE CONDITIONS

BASEMENT/CELLAR WALLS AND FOOTING DESIGNS ASSUMED PARTIALLY SATURATED SOIL CONDITIONS TO TO THE FULL WALL DEPTH. SHOULD SATURATED CONDITIONS BE ENCOUNTERED, OUR OFFICE SHOULD BE CONTACTED FOR REVIEW AND POSSIBLE REVISIONS TO THE PLANS.

CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR PROVIDING PROPER DRAINAGE SHOULD INTERMITTENT SPRINGS OR PERCHED WATER BE ENCOUNTERED. POSITIVE DRAINAGE SHALL BE PROVIDED SO THAT FINISHED GRADE SLOPES AWAY FROM PERIMETER WALLS & FOOTINGS. CONTINUOUS 4" DIAM. PERFORATED DRAIN PIPE SHALL BE PLACED ALONG THE PERIMETER OF THE BASEMENT WALLS WHICH

DRAINS TO THE SUMP PUMP. A MINIMUM OF 6" GRANULAR BASE SHALL BE PLACED OVER THE DRAIN TILE AND MINIMUM OF 2" UNDER THE TILE.

CONCRETE AND MASONRY FOUNDATION WALLS SHALL BE CONSTRUCTED AS SET FORTH AS PER TABLES ON N-2.

FIREPLACES

VENTED GAS FIREPLACE SHALL BE LISTED, LABELED & INSTALLED IN ACCORDANCE WITH ANSI Z21.50, SECT. G2434 OF THE 2020 RCNYS & THE MANUFACTURER'S INSTRUCTIONS. INSTRUCTIONS SHALL BE AVAILABLE ON SITE FOR BUILDING INSPECTOR. APPLIANCE SHALL BE EQUIPED WITH A FLAME SAFEGUARD DEVICE IN ACCORDANCE WITH SECT. G2431. NEW WOOD-BURNING FIREPLACES SHALL HAVE TIGHT-FITTING FLUE DAMPERS OR DOORS. AND OUTDOOR COMBUSTION AIR WHERE USING TIGHT-FITTING DOORS ON FACTORY BUILT FIREPLACES LISTED AND LABELED IN ACCORDANCE WITH UL 127, THE DOORS SHALL BE TESTED AND LISTED FOR THE FIREPLACE. WHERE USING TIGHT FITTING DOORS ON MASONRY FIREPLACES, THE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 907.

FRAMING:

PROVIDE ALL TEMPORARY BRACING AND SHORING TO AVOID EXCESSIVE STRESSES AND HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION.

UNDER ALL CONCEALED WOOD BEARING POSTS, PROVIDE ADDITIONAL WOOD BLOCKING AS REQUIRED IN FLOOR JOIST SPACE UNDER POST, TO ENSURE SOLID BEARING FROM HEADER OR BEAM DOWN TO FOUNDATION WALL.

ALL WINDOWS AND DOORS ARE TO BE FRAMED WITH MINIMUM (2)2X8 OR (3)2X6 HEADER UNLESS NOTED OTHERWISE. builder assumes full responsibility for maintaining the structural integrity of joists. Beams or studs which ARE NOTCHED OR DRILLED TO ACCOMMODATE MECHANICAL OR ELECTRICAL LINES. SEE DETAILS ON PG. N-1 FOR ALLOWABLE DRILLING LOCATION ON BEAMS AND JOISTS.

ALL STRESS GRADE LUMBER CONSTRUCTION SHALL COMPLY WITH AITC TIMBER CONSTRUCTION STANDARDS LATEST EDITION EACH PIECE SHALL BEAR THE STAMP OF A GRADING RULES AGENCY, APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE . GRADE LOSS RESULTING FROM EFFECTS OF WEATHER, HANDLING, STORAGE, RESAWING, OR DIVIDING LENGTHS WILL BE CAUSE FOR REJECTION.

ALL WOOD, IN CONTACT WITH CONCRETE OR EXPOSED TO THE ELEMENTS, SHALL BE PRESSURE TREATED OR OF A SPECIES SUITABLE FOR OUTDOOR USE. ALL FASTENER, JOIST HANGERS, & FLASHING SHALL BE HOT DIP GALVANIZED, STAINLESS STEEL, SILICON, BRONZE, OR COPPER, & SHALL BE APPROVED BY THE MANUFACTURER FOR USE W/ PRESSURE TREATED WOOD. FLASHING IS REQUIRED IN THE FOLLOWING LOCATIONS: AT WALL & ROOF INTERSECTIONS & PROJECTING WOOD TRIM, TOP OF ALL EXTERIOR WINDOWS & DOOR OPENINGS, CHIMNEYS, UNDER & AT ENDS OF MASONRY, WOOD OR METAL COPINGS & SILLS, & WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAMED CONSTRUCTION & BUILT-IN GUTTERS. FLASHINGS SHALL BE PROVIDED AS REQ'D. TO COMPLY WITH ALL OF SECT. R703.4 OF THE 2020 RCNYS. STRUCTURAL COLUMNS SHALL BE RESTRAINED TO PREVENT LATERAL DISPLACEMENT AT THE BOTTOM END. WOOD COLUMNS SHALL NOT BE LESS IN NOMINAL SIZE THAN 4" X 4" & STEEL COLUMNS SHALL NOT BE LESS THAN 3" DIAM. STANDARD PIPE OR APPROVED EQUIVALENT.

STAIRWAY & GUARD REQUIREMENTS:

STAIRWAYS SHALL BE AT LEAST 36" WIDE. TREADS SHALL BE AT LEAST 9" DEEP PLUS 3/4" TO 1 1/4" NOSING FOR CLOSED RISER TYPE, OR 9" FOR OPEN RISER TYPE. RISERS SHALL BE NO MORE THAN 8 1/4" HIGH. STAIRS SHALL COMPLY WITH SECTION R311.7 OF THE 2020 RCNYS. HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRWAYS WITH FOUR OR MORE RISERS. TOP SURFACE OF

HANDRAILS SHALL BE BETWEEN 34" & 36" ABOVE TREAD NOSING.

GUARDS SHALL BE LOCATED ALONG AN OPEN SIDED WALKING SURFACE THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. REQUIRED GUARDS SHALL NOT BE LESS THAN 36" IN HEIGHT MEASURED VERTICALLY ABOVE WALKING SURFACE.

REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW THE PASSAGE OF A SPHERE 4 INCHES IN DIAMETER. AS PER SECTION 312.1.3 OF THE 2020 RCNYS.

GARAGE FIREPROOFING:

3/4 HOUR FIRE RESISTANCE RATING REQUIRED BETWEEN HOUSE & GARAGE CAN BE ACHIEVED WITH ONE LAYER 5/8" TYPE X DRYWALL ON GARAGE SIDE AND ONE LAYER 1/2" TYPE X DRYWALL ON THE HOUSE SIDE.

IF HORIZONTAL CONSTRUCTION IS USED TO SEPARATE THE GARAGE FROM LIVING AREA OR BONUS AREAS ABOVE, THEN ONE LAYER OF 5/8" TYPE X DRYWALL ON THE CEILING IS REQUIRED. WHERE THE HORIZONTAL CONSTRUCTION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO PROTECTED BY 5/8" TYPE X DRYWALL.

STRUCTURAL MATERIAL SPECIFICATIONS:

STRUCTURAL STEEL REINFORCED STEEL WIRE MESH LUMBER

PLYWOOD LVL, PSL, LSL

MASONRY MORTAR GROUT CONCRETE

BOLTS

DESIGN CRITERIA: (FOR GREATER ROCHESTER AREA & ADJACENT COUNTIES)

LOCAL JURISDICTION DESIGN CRITERIA MAY VARY AND SHALL BE STRICTLY ADHERED TO

IST FLOOR LIVING AREA LIVE LOAD 2ND FLOOR LIVING AREA LIVE LOAD 1ST & 2ND FLOOR DEAD LOAD GROUND SNOW LOAD ROOF DEAD LOAD ALLOWABLE SOIL BEARING WIND SPEED

SEISMIC DESIGN WEATHERING FROST LINE DEPTH TERMITE DAMAGE DECAY DAMAGE WINTER DESIGN TEMPERATURE ICE SHEILD UNDERLAYMENT

FLOOD HAZARD ROOF TIE DOWN REQUIREMENTS

DESIGNATION FOR STRUCTURAL.

COMPONENTS THAT ARE OF

TRUSS CONSTRUCTION

ASTM A-36, Fy = 36 ksi ASTM A-615, Fy = 40 ksi

ASTM A-185, 6 x 6 - 10/10 W.W.M.

ALL STUCTURAL MEMBERS, JOISTS, RAFTERS, ETC TO BE #2 GRADE LUMBER (DOUGLAS FIR-LARCH, HEM-FIR, SOUTHERN PINE OR SPRUCE PINE-FIR) WITH A MIN. FIBER STRESS OF 850 P.S.I. UNLESS NOTED OTHERWISE

CDX, PANEL INDEX Fb = 2600 Fv = 285 $E \times 10^{6} - 1.9$ Fc¹ = 750

ASTM C90, GRADE N-1, Fm = 1350 PSI ASTM C270, TYPE S

Fc = 2000 PSI ASTM C476

Fc = 2500 PSI MIN. (FOOTINGS, BASEMENT SLAB) Fc = 3500 PSI MIN. (GARAGE SLAB, PORCH SLAB, & POURED FOUNDATION WALLS ASTM A307, Fy - 33 KSI

ADJACENT COUNTIES)

40 P.S.F. 30 P.S.F. 15 P.S.F. 40 P.S.F. 10 P.S.F. 2500 P.S.F. AT MINIMUM

42" BELOW FINISHED GRADE 115 MPH, EXPOSURE B CATEGORY B SEVERE

42 INCHES

SLIGHT TO MODERATE NONE TO SLIGHT

1 DEGREE REQUIRED 24" INSIDE OF EXTERIOR WALL LINE

FIRM - 2008 R802.11, BASED UPON SPECIFIC ROOF DESIGN

TRUSS IDENTIFICATION:

IDENTIFICATION OF FLOOR AND ROOF TRUSS CONSTRUCTION SHALL BE PROVIDED BY SIGN OR SYMBOL & SHALL BE AFFIXED TO THE EXTERIOR WALL OF THE RESIDENTIAL STRUCTURE IN COMPLIANCE WITH 19 NYCRR PART 1264 & 1265. RESIDENTIAL STRUCTURES WITH TRUSS TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND / OR TIMBER CONSTRUCTION. — 6" DIAMETER -- TYPE V WOOD FRAME CONSTRUCTION BASED ON SECTION 602 OF THE 2020 BCNYS - REFLECTIVE RED PANTONE (PMS) #187 - REFLECTIVE WHITE 1/2" STROKE

FLOOR FRAMING, INC.

GIRDERS & BEAMS

"FR" | FLOOR & ROOF FRAMING

ROOF FRAMING

GREATER LIVING ARCHITECTURE. P.C.

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www.greaterliving.com

REVISI	ONS	
DATE	BY	DESCRIPTION

CLIENT/LOCATION:

LOT 20 COVENTRY RIDGE PITTSFORD, NY

BUILDER:

COVENTRY RIDGE BUILDING CORP.

COVER PAGE

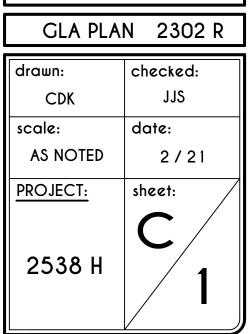


TABLE M1505.4.3 (1)

CONTINUOUS WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM AIRFLOW RATE REQUIREMENTS

SYSTEM AI	RELOW	RATERE	QUIREIMI	ENIS	
DWELLING UNIT		NUMBER	OF BED	ROOMS	i
FLOOR AREA	0-1	2-3	4-5	6-7	> 7
(square feet)		AIRF	LOW IN	CFM	
< 1,500	30	45	60	75	90
1,501-3,000	45	60	75	90	105
3,001-4,500	60	75	90	105	120
4,501-6,000	75	90	105	120	135
6,001-7,500	90	105	120	135	150
> 7,500	105	120	135	150	165

FOR SI: 1 square foot=0.0929 m2, 1 cubic foot per min=0.0004719 m3/s

TABLE M1505.4.3 (2)

			- 1-/				
INTERMITTENT WHOLE-HOU	USE MEC	CAHANIC	AL VENT	ILATION	RATE F/	ACTORS	a,b
RUN-TIME PERCENTAGE IN EA. 4-HOUR SEGMENT	25%	33%	50%	66%	75%	100%	
FACTOR ^a	4	3	2	1.5	1.3	1.0	

a. For ventilation system run time values between those given, the factors are permitted to be determined by interpolation.
b. Extrapolation beyond the table is prohibited.

TABLE M1505.4.4

MUM REQUIRED LOCAL EX	HAUST RATES FOR ONE AND TWO-FAMILY DWELLIN
AREA TO BE EXHAUSTED	EXHAUST RATES
KITCHENS	100 cfm INTERMITTENT OR 25 cfm CONTINUOUS
BATHROOMS-	MECHANICAL EXHAUST CAPACITY OF 50 cfm
TOILET ROOMS	INTERMITTENT OR 20 cfm CONTINUOUS

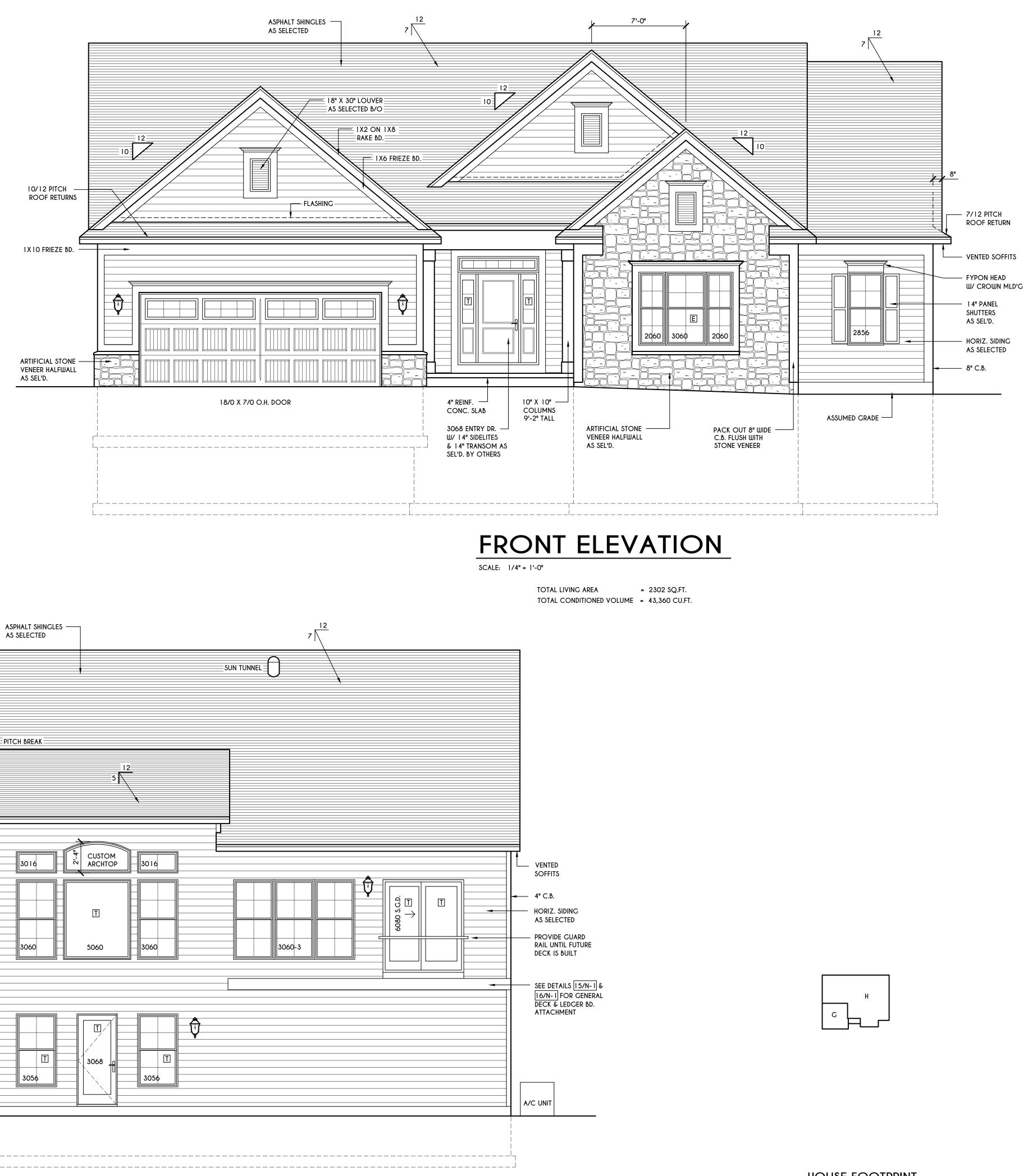
FOR SI: 1 CUBIC FT. PER MINUTE = 0.0004719 m 3/s.

WINDOWS:	VWD SOLARGAIN GLASS W/ ARGON	GENERAL NOTES:
	U-FACTOR 0.29 SHGC 0.56	ALL RAKES ARE 8" & OVERHANGS ARE 1'-4" UNLESS NOTED OTHERWISE
DOORS:	SELECTION BY OWNER	BUILDER TO PROVIDE ROOF OR RIDGE VENTS
SKYLIGH MORE TH	TRATION RATE FOR WINDOWS, TS, & SLIDING DOORS TO BE NO IAN 0.3 cfm/sf. & SWING DOORS THAN 0.5 cfm/sf. AS PER SECT.	AS PER CODE- THE MINIMUM NET FREE VENTILATION AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE (SECT. R806.2)
	OF 2020 ECCCNYS	CONTRACTOR TO CONTACT THIS OFFICE PRIOR TO CONSTRUCTION IF THE ASSUMED GRADE DEPICTED IS INACCURATE AND / OR WILL ALTER THE DESIGN AND / OR STRUCTURE NOTED.
– CLEA	OR EXCEEDS EGRESS REQUIREMENTS R OPENING AREA OF 5.7 SQ.FT. R OPENING WIDTH OF 20"	The Design and 7 OR STRUCTURE NOTED.
	R OPENING HEIGHT OF 24" ECT. R310.1 OF 2020 RCNYS	MECHANICAL VENTILATION RATE:
UNIT R	EIES THAT THIS FIXED OR OPERABLE EQUIRES SAFETY GLAZING ECT. R308.4 OF 2020 RCNYS	THIS PLAN AS DESIGNED REQUIRES (MIN) 1 CONTINUOUSLY RUN EXHAUST FAN CAPABLE OF (MIN) 60 c.f.m. WITH A MANUAL OVERIDE SWITCH AS PER
UNIT R	ELES THAT THIS OPERABLE WINDOW EQUIRES FACTORY APPLIED FALL CTION PER SECT. R312.2 OF 2020 RCNYS	

AS SELECTED

	SL	
		PITCH BREA
	E 3060-2	3016
E 3056-2		3050





REAR ELEVATION

	G				
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	BUILDER:				
	COVENTRY RIDGE BUILDING CORP.				
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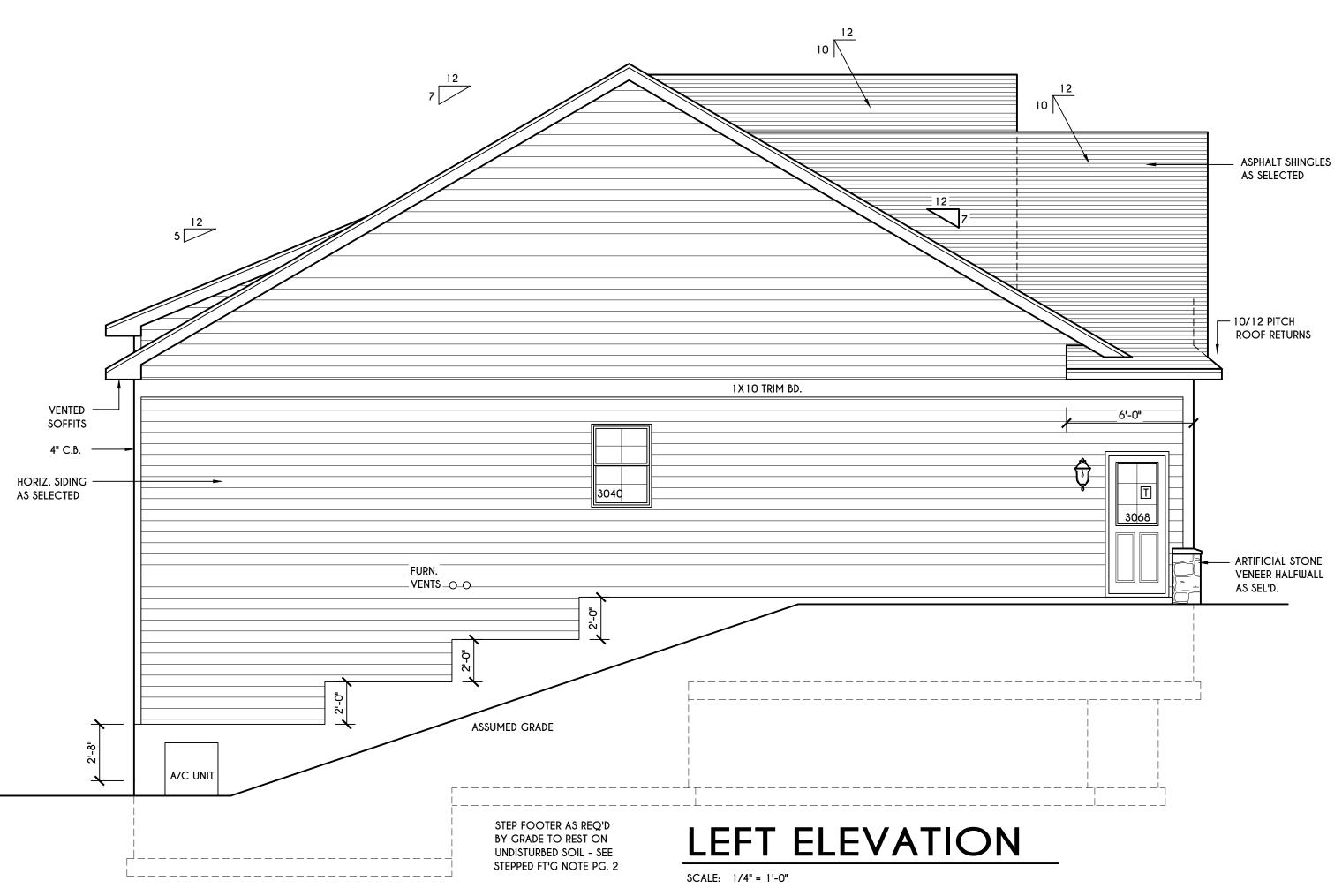
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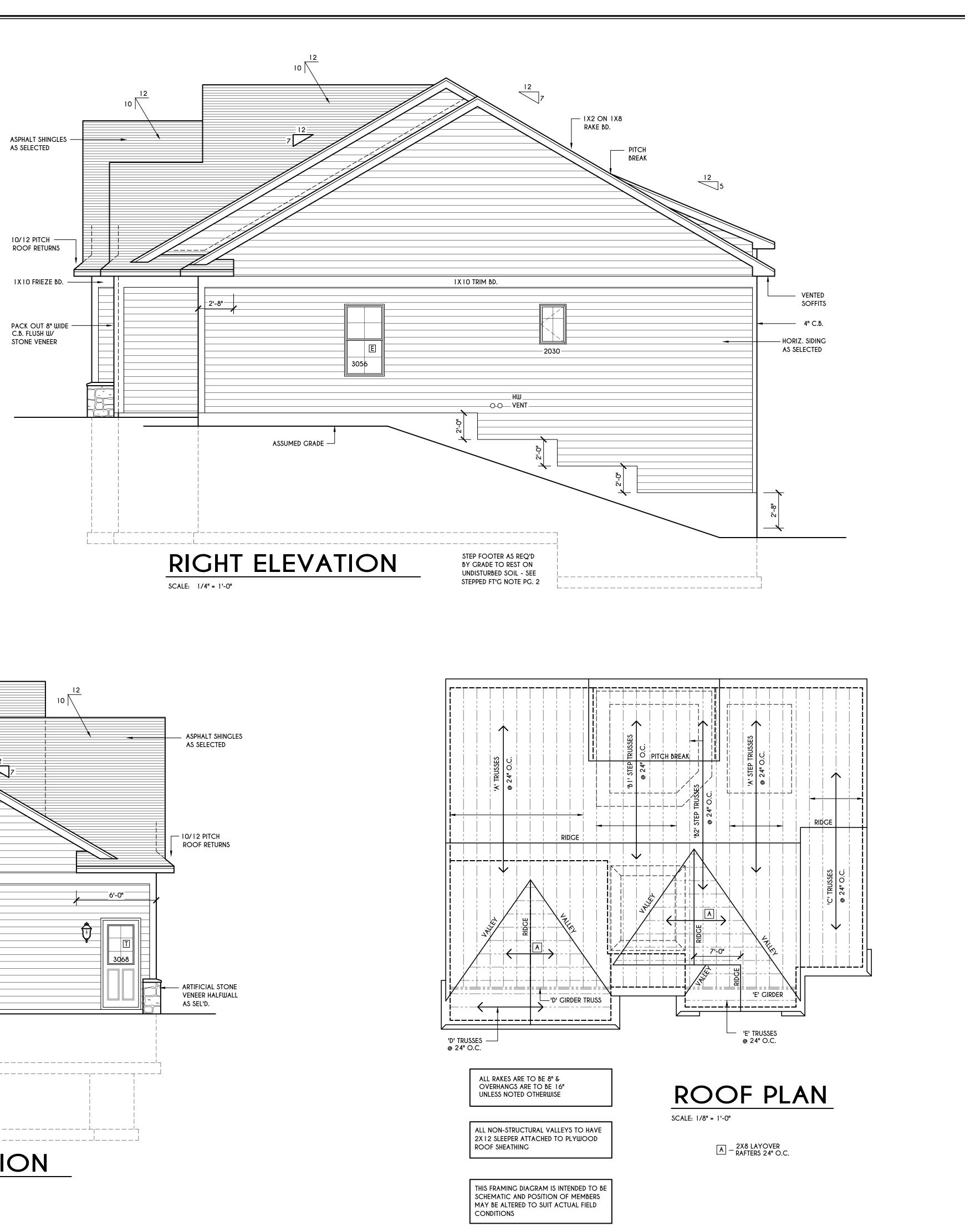
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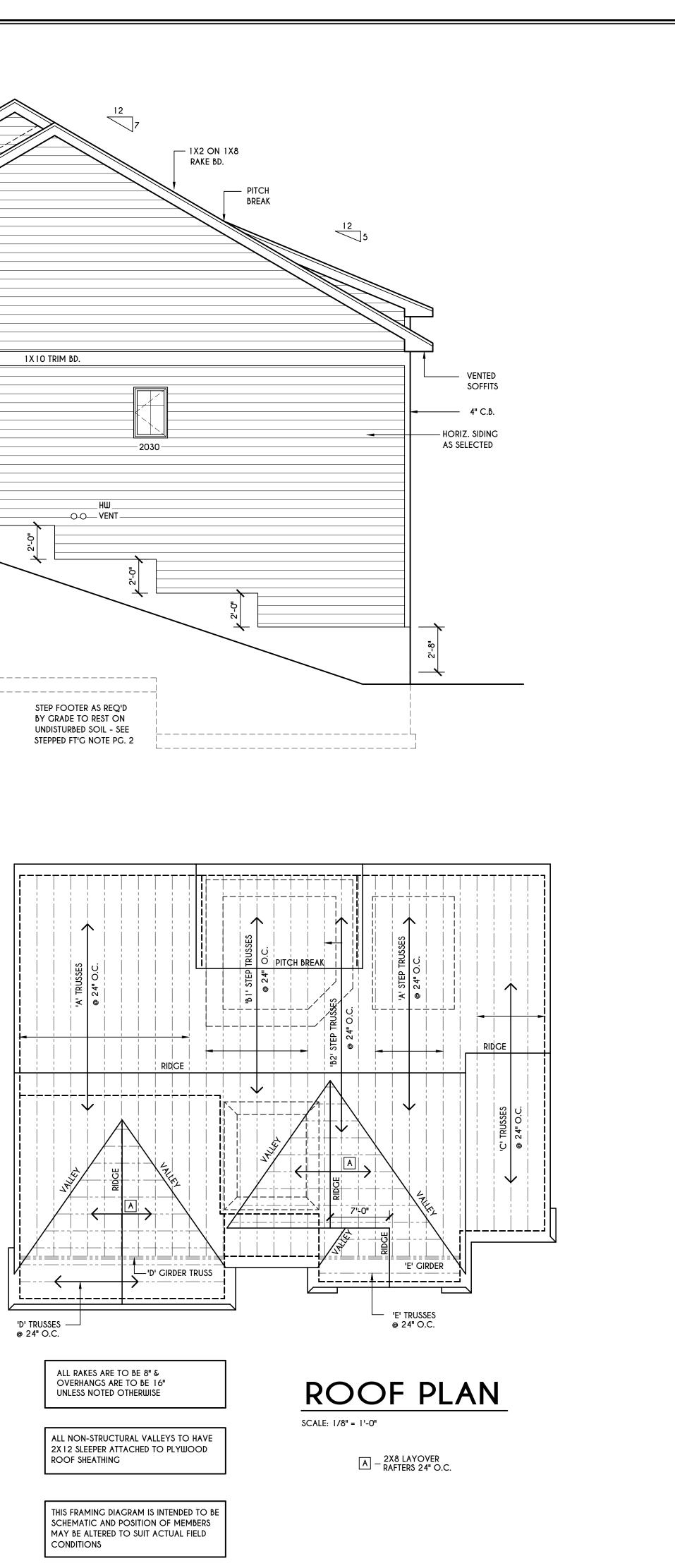
HOUSE FOOTPRINT

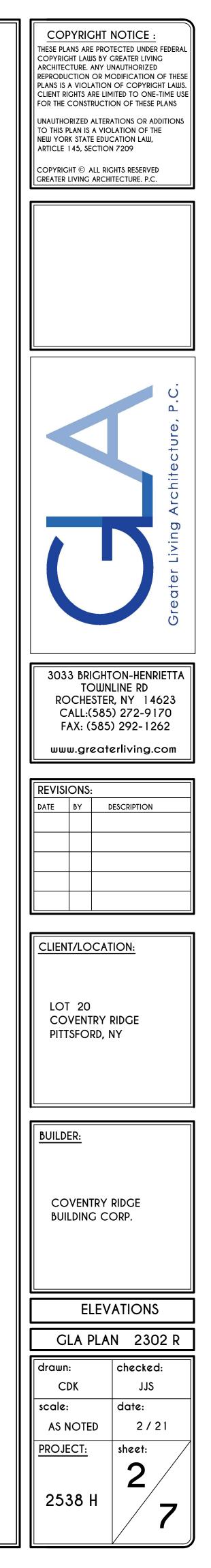
SCALE: 1" = 50'-0"

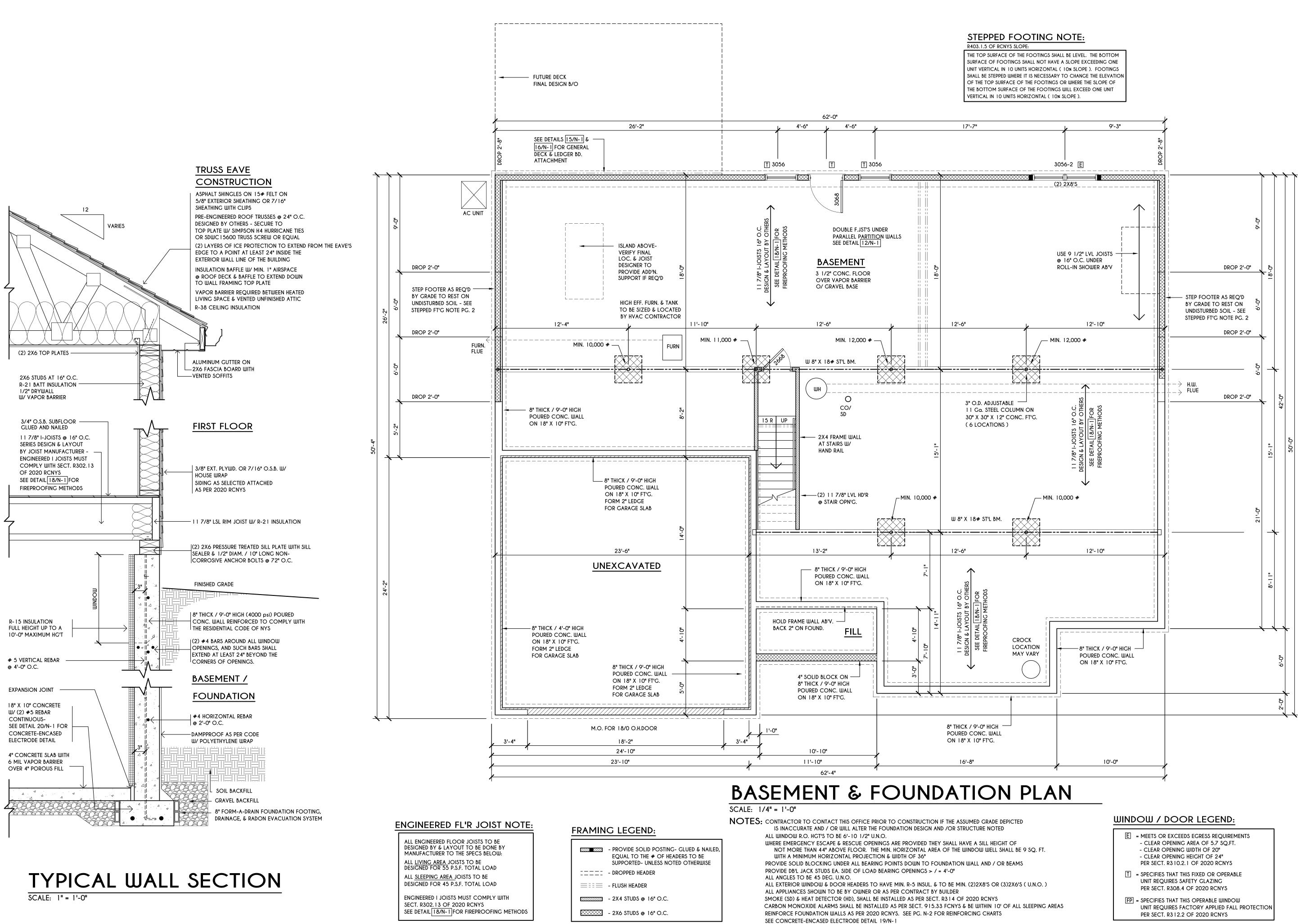
WINDOWS:	VWD SOLARGAIN GLASS W/ ARGON	GENERAL NOTES:	
	U-FACTOR 0.29 SHGC 0.56	ALL RAKES ARE 8" & OVERHANGS ARE 1'-4" UNLESS NOTED OTHERWISE	
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- CLEA	OR EXCEEDS EGRESS REQUIREMENTS AR OPENING AREA OF 5.7 SQ.FT. AR OPENING WIDTH OF 20"	THE DESIGN AND / OR STRUCTURE NOTED.	
- CLE/	AR OPENING HEIGHT OF 24" ECT. R310.1 OF 2020 RCNYS	MECHANICAL VENTILATION RATE:	
UNIT R	FIES THAT THIS FIXED OR OPERABLE REQUIRES SAFETY GLAZING ECT. R308.4 OF 2020 RCNYS	THIS PLAN AS DESIGNED REQUIRES (MIN) 1 CONTINUOUSLY RUN EXHAUST FAN CAPABLE OF (MIN) 60 c.f.m. WITH A	
UNIT R	FIES THAT THIS OPERABLE WINDOW REQUIRES FACTORY APPLIED FALL ECTION PER SECT. R3 12.2 OF 2020 RCNYS	MANUAL OVERIDE SWITCH AS PER SECTION M1505.4.2 OF 2020 RCNYS SEE TABLES M1505.4.3(1) & M1505.4.3(2) & M1505.4.4 (PAGE 1)	



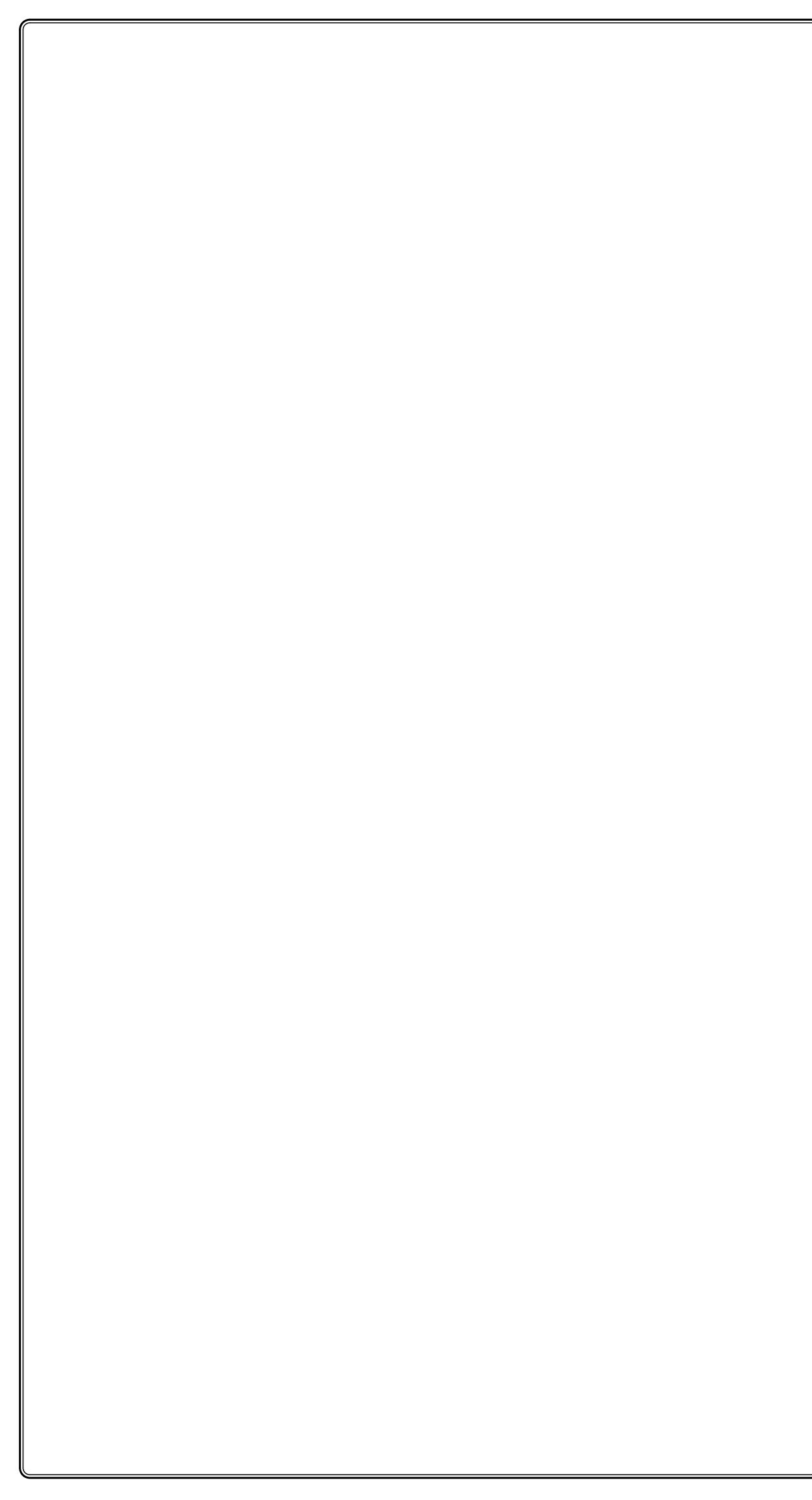


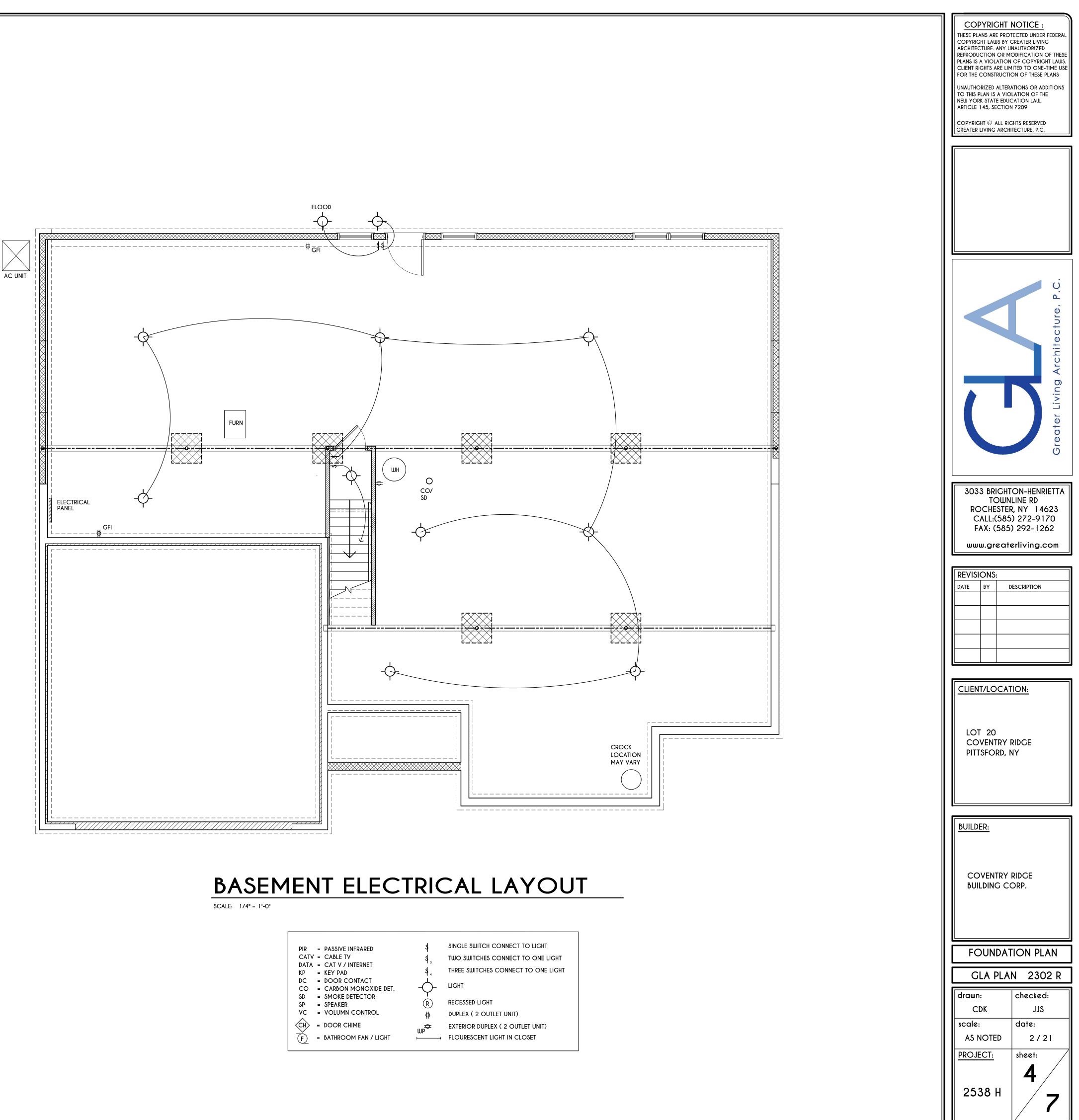


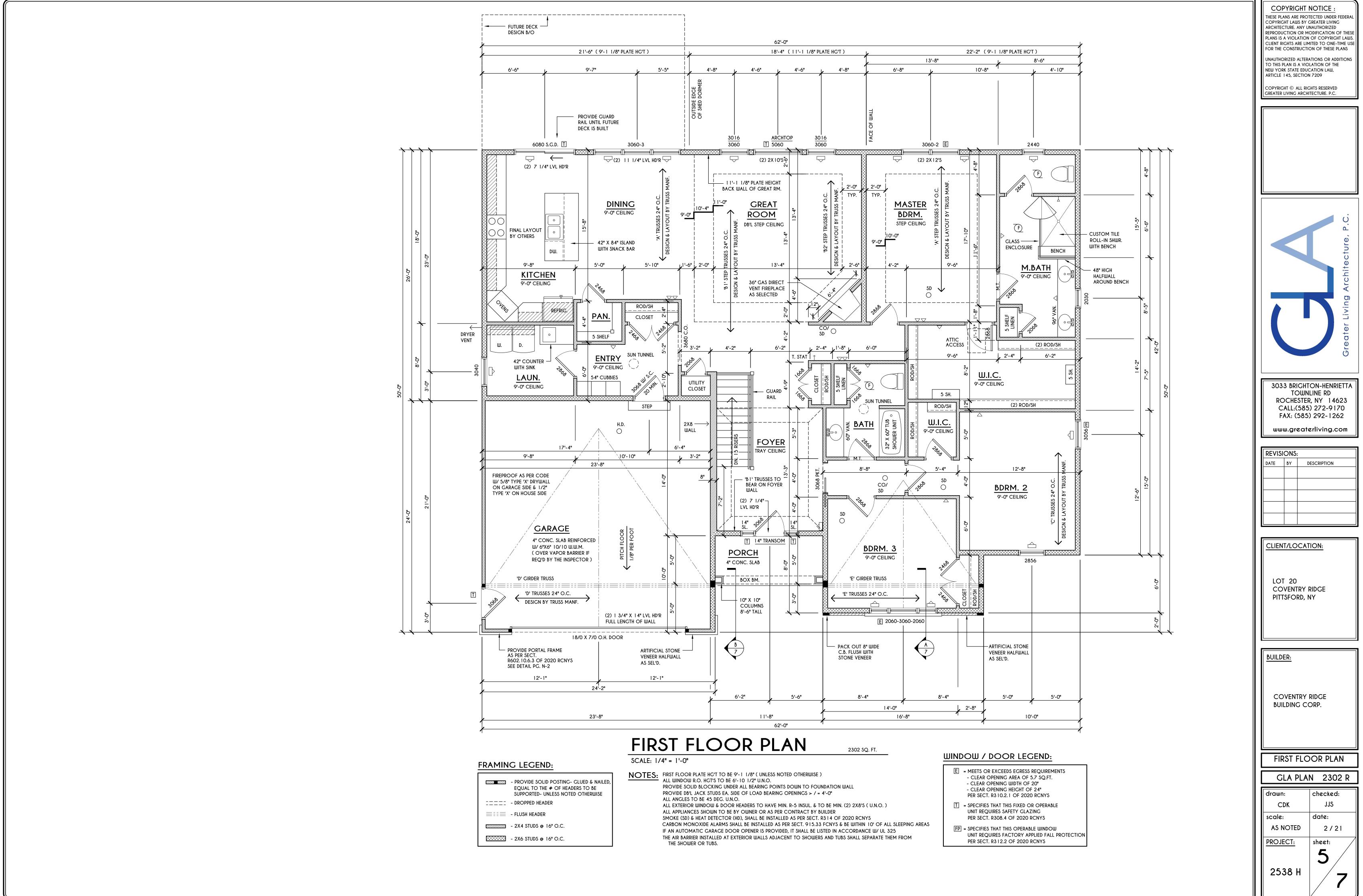




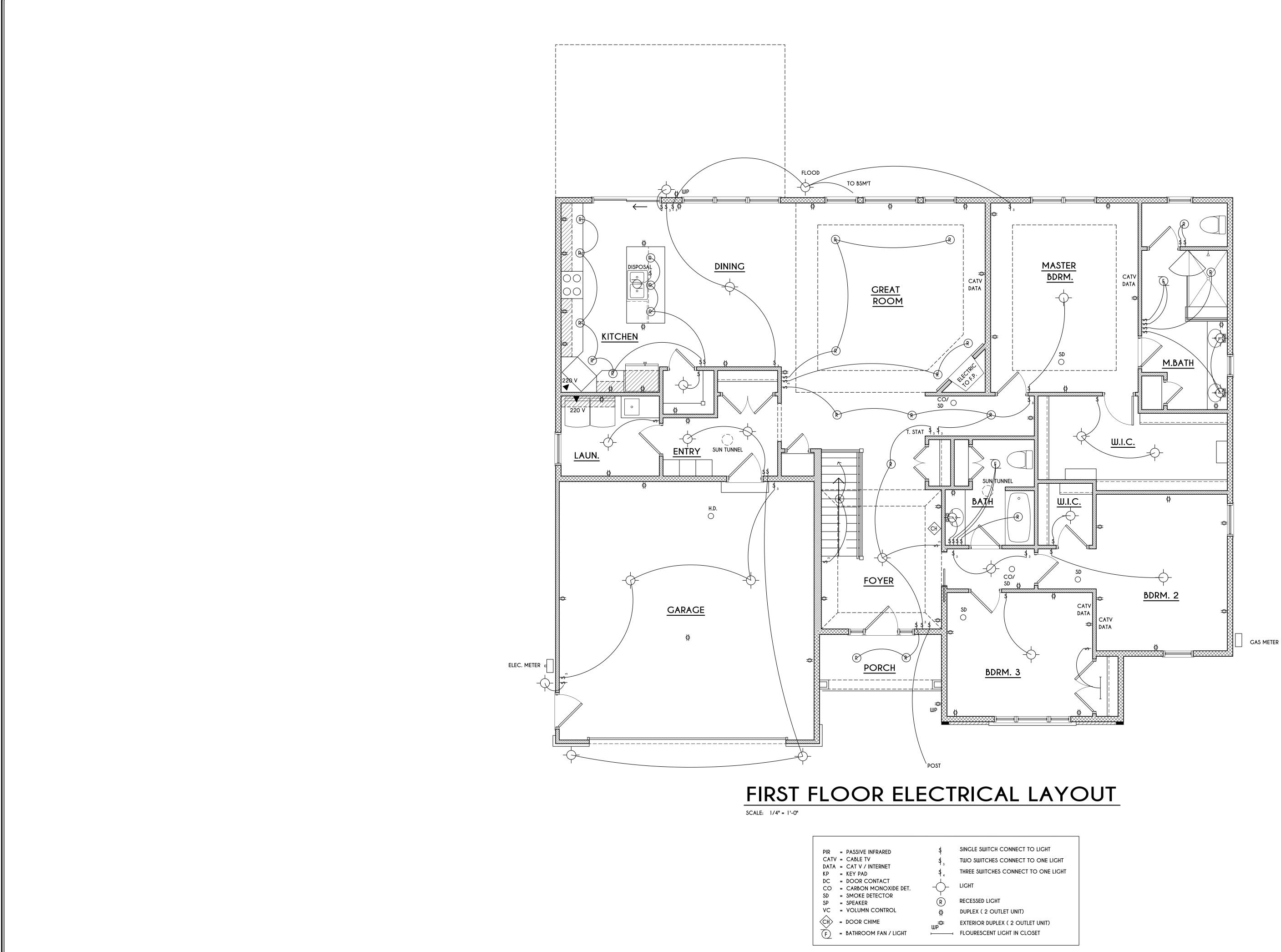




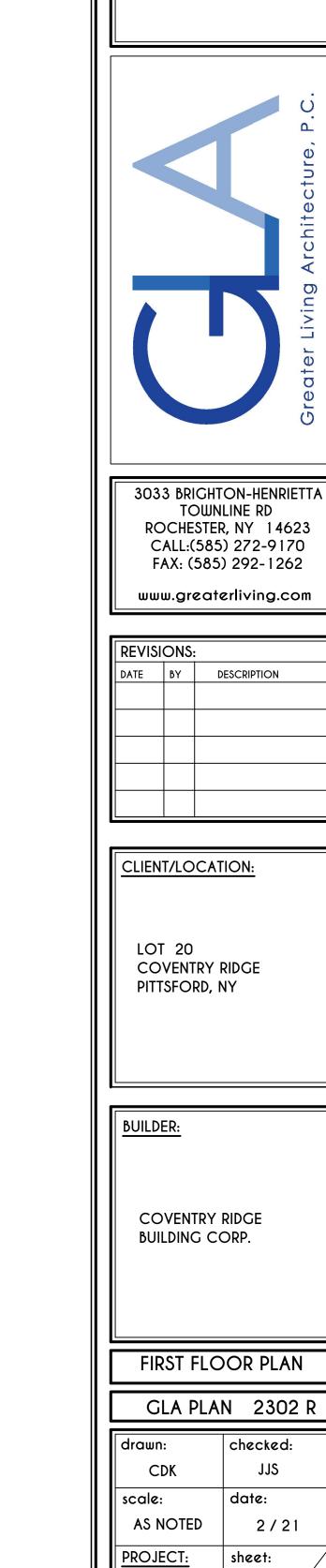




- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
\equiv = = \equiv - FLUSH HEADER
- 2X4 STUDS @ 16" O.C.
- 2X6 STUDS @ 16" O.C.



	PIR	= PASSIVE INFRARED	\$	SINGLE SWITCH CONNECT TO LIGHT
	CATV	= CABLE TV	\$ 3	TWO SWITCHES CONNECT TO ONE LIGHT
	DATA	= CAT V / INTERNET		
	KP	= KEY PAD	\$ ₄	THREE SWITCHES CONNECT TO ONE LIGHT
	DC	= DOOR CONTACT	\vdash	LIGHT
	CO	= CARBON MONOXIDE DET.	$-\bigcirc$	LIGHT
	SD	SMOKE DETECTOR		
	SP	= SPEAKER	(\mathbf{R})	RECESSED LIGHT
	VC	= VOLUMN CONTROL	ф	DUPLEX (2 OUTLET UNIT)
<	CH	= DOOR CHIME	÷	EXTERIOR DUPLEX (2 OUTLET UNIT)
_	\leq		WP	EXTERIOR DOPLEX (2 OUTLET UNIT)
	(F)	BATHROOM FAN / LIGHT	——— і	FLOURESCENT LIGHT IN CLOSET
	\sim			



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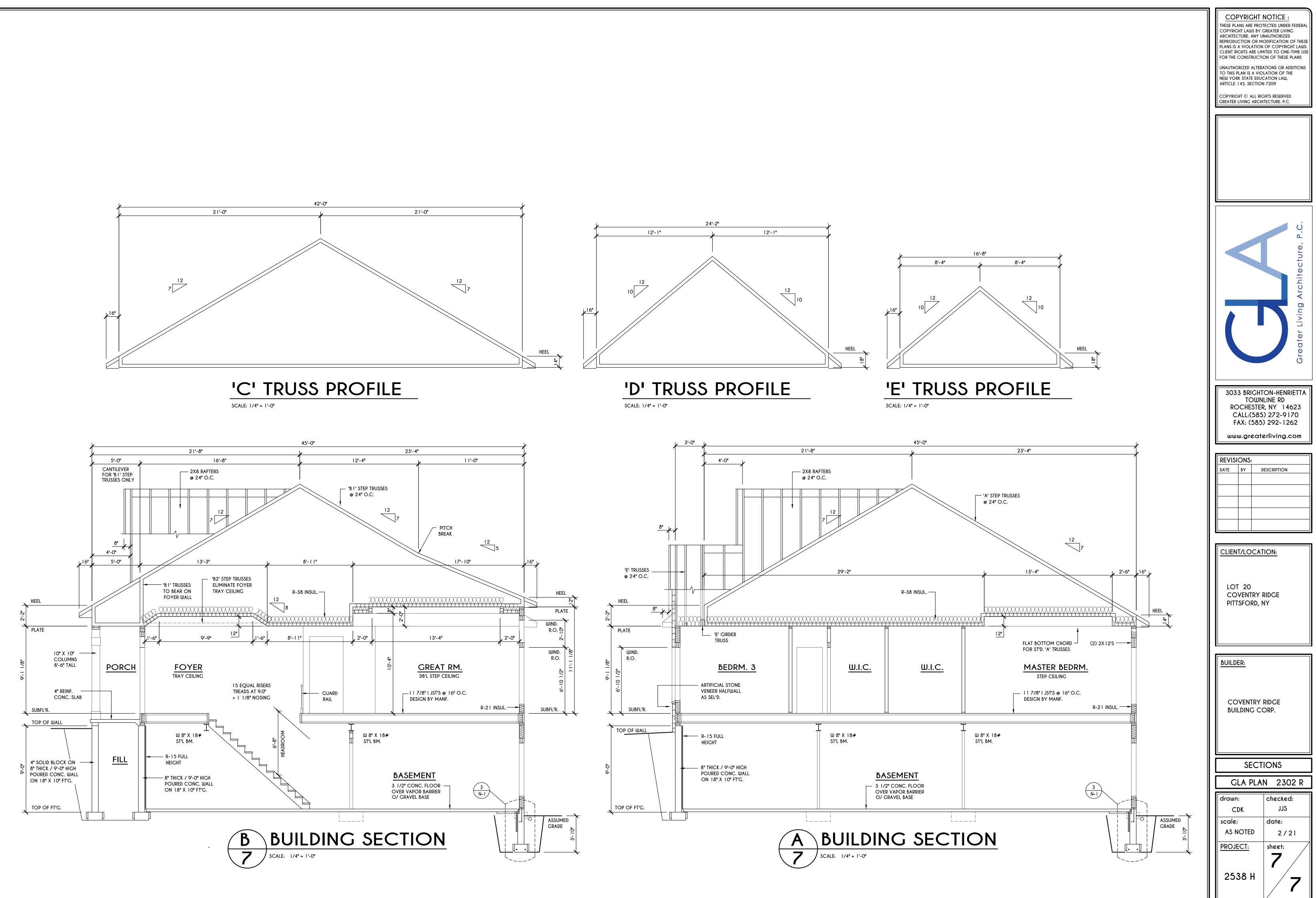
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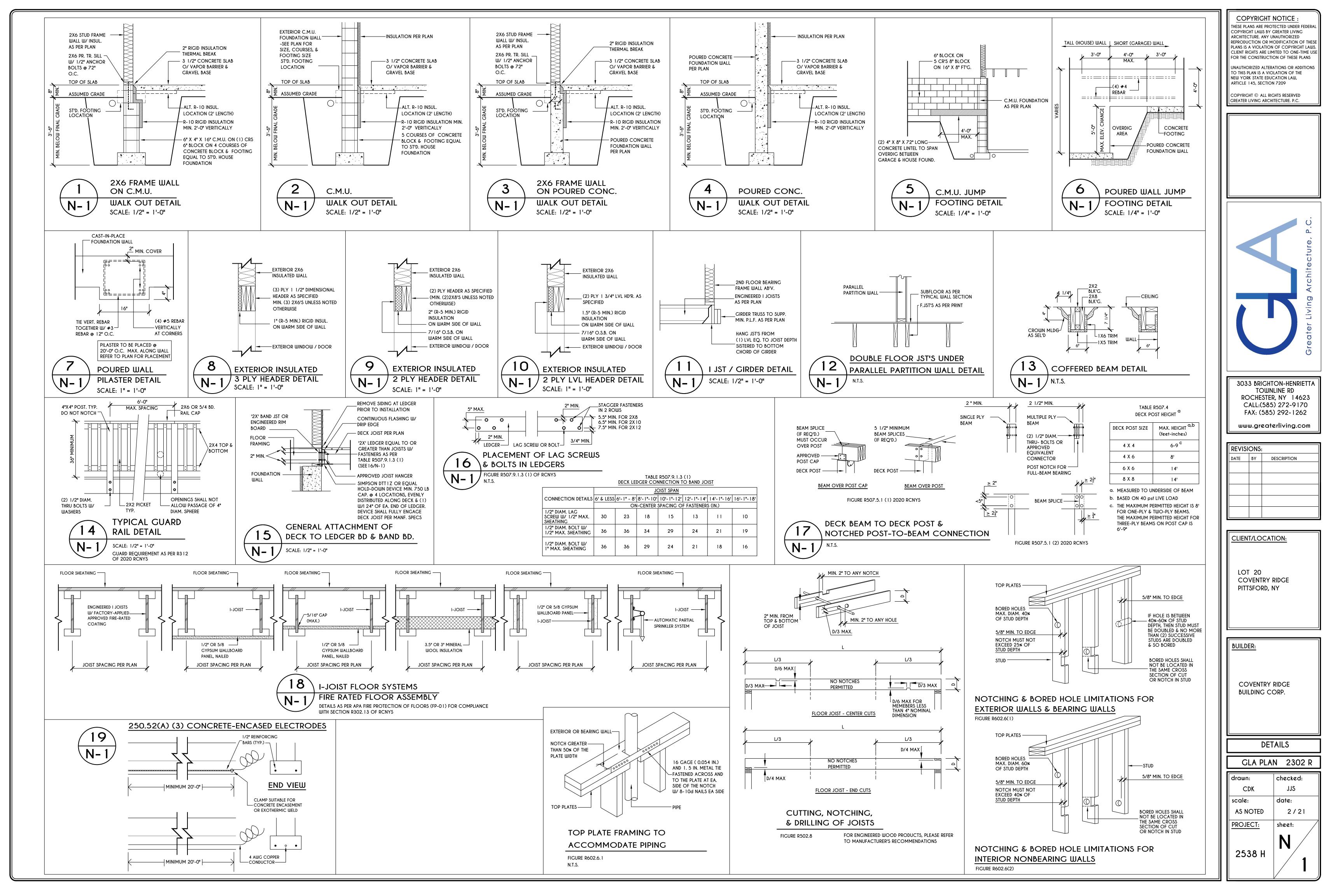


TABLE R404.1.1(2)

	8-INCH		LLS WITH REINFORCING WHERE d	> 5 INCHES ^{a, c, f}				
	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) b, c							
		SOIL CLASSES AND LATERAL SOIL LOAD ^d (psf PER FOOT BELOW GRADE)						
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]			SC, MH, ML-CL AND INORGANIC CL SOILS 60				
6'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	6'-8"	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.				
7'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.				
	7'-4"	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.				
8'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.				
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.				
	8'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.				
8'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.				
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.				
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.				
	8'-8"	#6 @ 48" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.				
9'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.				
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.				
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.				
	8'	#6 @ 48" O.C.	#6 @ 40" O.C.	#6 @ 24" O.C.				
	9'-4"	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.				
10'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.				
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.				
	6'	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.				
	7'	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.				
	8'	#6 @ 48" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.				
	9'	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.				
	10'	#6 @ 32" O.C.	#6 @ 16" O.C.	#6 @ 16" O.C.				

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND.

b. ALTERNATIVE REINFORCING BAR SIZES AND SPACING'S SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENT DOES NOT EXCEED 72" IN SEISMIC DESIGN CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2.

c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 5 INCHES. d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR

MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN

INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED. f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R404.1.1(3)

TU-INCH MASONRY FOUNDATION WALLS WITH REINFOR					
		MINIMUM VERTICAL REINFORCE			
		SOIL CLASSES AND LATERAL			
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]	GW, GP, SW, AND SP SOILS 30	GM, GS, SM-SC AND M 45		
6'-8"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'-8"	#4 @ 56" O.C.	#5 @ 56" O.C.		
7'-4"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	7'-4"	#4 @ 56" O.C.	#5 @ 56" O.C.		
8'-0"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.		
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.		
8'-8"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.		
	8'-8"	#5 @ 56" O.C.	#6 @ 56" O.C.		
9'-4"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'	#4 @ 56" O.C.	#5 @ 56" O.C.		
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.		
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.		
	9'-4"	#6 @ 56" O.C.	#6 @ 40" O.C.		
10'-0"	4' (OR LESS)	#4 @ 56" O.C.	#4 @ 56" O.C.		
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.		
	6'	#4 @ 56" O.C.	#5 @ 56" O.C.		
	7'	#5 @ 56" O.C.	#6 @ 56" O.C.		
	8'	#5 @ 56" O.C.	#6 @ 48" O.C.		
	9'	#6 @ 56" O.C.	#6 @ 40" O.C.		
	10'	#6 @ 48" O.C.	#6 @ 32" O.C.		

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND. b. ALTERNATIVE REINFORCING BAR SIZES AND SPACINGS SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENTDOES NOT EXCEED 72" IN SEISMIC DESIGN CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2. c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 6.75 INCHES. d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR

CONCRETE SLAB IS PERMITTED. f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

	_		
AIR BARRIER	AND	INSULATION	INSTALLATIO

1	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE.	
GENERAL REQUIREMENTS	THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER.	AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
	BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.	
CEILING / ATTIC	THE AIR BARRIER IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SHALL BE SEALED.	THE INSULATION IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE AIR BARRIER.
	ACCESS OPENINGS, DROP DOWN STAIRS, OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.	
	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED.	CAVITIES WITH CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL
WALLS	THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHE BE SEALED.	RESISTANCE OF R-3 PER INCH MINIMUM.
	KNEE WALLS SHALL BE SEALED.	EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.
WINDOWS, SKYLIGHTS AND DOORS	THE SPACE BETWEEN WINDOW / DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING SHALL BE SEALED.	
RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.
FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS)	THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.
CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWLSPACE WALLS.
SHAFTS, PENETRATIONS	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING THE EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
NARROW CAVITIES		BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACE.
GARAGE SEPARATION	AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.	
RECESSED LIGHTING	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE DRYWALL.	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.
PLUMBING AND WIRING		BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND WIRING AND PLUMBING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND PIPING AND WIRING.
SHOWER / TUB ON EXTERIOR WALL	THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.
ELECTRICAL / PHONE BOX ON EXTERIOR WALLS	THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	
HVAC REGISTER BOOTS	HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.	
CONCEALED SPRINKLERS	WHEN REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALL OR CEILINGS.	

a. IN ADDITION, INSPECTION OF LOG WALLS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ICC-400.

10-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 6.75 INCHES a, c, fORCEMENT AND SPACING (INCHES)^{b, c} SOIL LOAD ^d (psf PER FOOT BELOW GRADE) AND ML SOILS SC, MH, ML-CL AND INORGANIC CL SOILS #4 @ 56" O.C #4 @ 56" O.0 #5 @ 56" O.0 0.C. #4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #4 @ 56" O.C. 0.C. O.C. #4 @ 56" O.C. O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 48" O.C O.C. #4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #6 @ 32" O.C #4 @ 56" O.C. 0.C. #4 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 40" O.C #6 @ 24" 0.0 O.C.

#4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C #6 @ 48" O.C #6 @ 40" O.C #6 @ 24" O.C #6 @ 24" O.C

	12-INCI	MASONRY FOUNDATION W		d > 8.75 INCHES ^{a, c, f}			
		MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) ^{b, c}					
			psf PER FOOT BELOW GRADE)				
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL [©]	GW, GP, SW, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MH, ML-CL AND INORGANIC CL SOILS 60			
6'-8"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	6'-8"	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.			
7'-4"	4' (OR LESS) 5' 6' 7'-4"	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C.			
8'-0"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.			
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.			
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.			
8'-8"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.			
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.			
	8'-8"	#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.			
9'-4"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	6'	#4 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.			
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.			
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 56" O.C.			
	9'-4"	#6 @ 72" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.			
10'-0"	4' (OR LESS)	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.			
	6'	#4 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.			
	7'	#4 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 72" O.C.			
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 48" O.C.			
	9'	#6 @ 72" O.C.	#6 @ 56" O.C.	#6 @ 40" O.C.			
	10'	#6 @ 64" O.C.	#6 @ 40" O.C.	#6 @ 32" O.C.			

TABLE R404.1.1(4)

a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND. b. ALTERNATIVE REINFORCING BAR SIZES AND SPACINGS SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENTDOES NOT EXCEED 72" IN SEISMIC DESIGN

CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2. c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 8.75 INCHES.

d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1. e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE

TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL, WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.

f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

MAXIMUM UNBALANCED MAXIMUM WALL HEIGHT (FEET) (FEET) 4 NR 5 NR 4 NR 6 4 5 6 #4@ 6 #5 @ 8 #6@ 4 NR 5 NR 6 #4@ 7 #5 @ 8 #6@ 9 #6@ #5 @ #6 @ #6@ #6@ #6 @ 28" #6 @ 33" #6 @ 45" NR DR ^j #6 @ 23" #6 @ 29" #6 @ 38" DR #6 @ 22" #6 @ 22" #6 @ 22" #6 @ 22" #6 @ 28"

a. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. REFER TO TABLE R405.1. b. TABLE VALUES ARE BASED ON REINFORCING BARS WITH A MINIMUM YEID STRENGTH OF 60,000 PSI c. VERTICAL REINFOREMENT WITH A YIELD STRENGTH OF LESS THAN 60,000 PSI AND / OR BARS OF A DIFFERENT SIZE THAN SPECIFIED IN THE TABLE ARE PERMITTED IN ACCORDANCE WITH SECTION R404.1.3.3.7.6 AND TABLE R404.1.2 (9) d. NR INDICATES NO VERTICAL WALL REINFORCEMENT IS REQUIRED, EXCEPT FOR 6-INCH NOMINAL WALLS FORMED WITH STAY-IN-PLACE FORMING SYSTEMS IN WHICH CASE VERTICAL REINFORCEMENT SHALL BE NO. 4 @ 48 INCHES ON CENTER. e. ALLOWABLE DEFLECTION CRITERION IS L/240, WHERE L IS THE UNSUPPORTED HEIGHT OF THE BASEMENT WALL IN INCHES. f. INTERPOLATION IS NOT PERMITTED.

g. WHERE WALLS WIL REMAIN 4 FEET OR MORE OF UNBALANCED BACKFILL, THEY SHALL BE LATERALLY SUPPORTED AT THE TOP AND BOTTOM BEFORE BACKFILLING. h. VERTICAL REINFORCEMENT SHALL BE LOCATED TO PROVIDE A COVER OF 1 1/4 INCHES MEASURED FROM THE INSIDE FACE OF THE WALL. THE CENTER OF THE STEEL SHALL NOT VARY FROM THE SPECIFIED LOCATION BY MORE THAN THE GREATER OF 10 PERCENT OF THE WALL THICKNESS OR 3/8 INCH. i. CONCRETE COVER FOR THE REINFORCEMENT MEASURE FROM THE INSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 3/4 INCH. CONCRETE COVER FOR REINFORCEMENT MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 1 1/2 INCHES FOR NO. 5 BARS AND SMALLER, AND NOT LESS THAN 2 INCHES FOR LARGER BARS. j. DR MEANS DESIGN IS REQUIRED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE, OR WHERE THERE IS NO CODE, IN ACCORDANCE WITH ACI 318. K. CONCRETE SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH, fc OF NOT LESS THAN 2,500 PSI AT 28 DAYS, UNLESS A HIGHER STRENGTH IS REQUIRED BY FOOTNOTE 1 OR m. I. THE MINIMUM THICKNESS IS PERMITTED TO BE REDUCED 2 INCHES, PROVIDED THE MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, fc IS 4,000 PSI. m. A PLAIN CONCRETE WALL WITH A MINIMUM NOMINAL THICKNESS OF 12 INCHES IS PERMITTED, PROVIDED MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, fc IS 3,500 PSI.

ON

N CRITERIA 1E WALLS ≷ FRAMED NTACT ARRIER. INSTALLED JNDERSIDE CAVITY NTACT WITH S INSULATION ING AND

R401.4 SOIL TESTS

WHERE QUANTIFIABLE DATA CREATED BY ACCEPTED SOIL SCIENCE METHODOLOGIES INDICATE EXPANSIVE, COMPESSIBLE, SHIFTING OR OTHER QUESTIONABLE SOIL CHARACTERISTICS ARE LIKELY TO BE PRESENT, THE BUILDING OFFICIAL SHALL DETERMINE WHETHER TO REQUIRE A SOIL TEST TO DETERMINE THE SOIL'S CHARACTERISTICS AT A PARTICULAR LOCATION. THIS TEST BE DONE BY AN APPROVED AGENCY USING AN APPROVED METHOD.

R401.4.1 GEOTECHNICAL EVALUATION. IN LIEU OF A COMPLETE GEOTECHNICAL EVALUATION, THE LOAD-BEARING VALUES IN TABLE R401.4.1

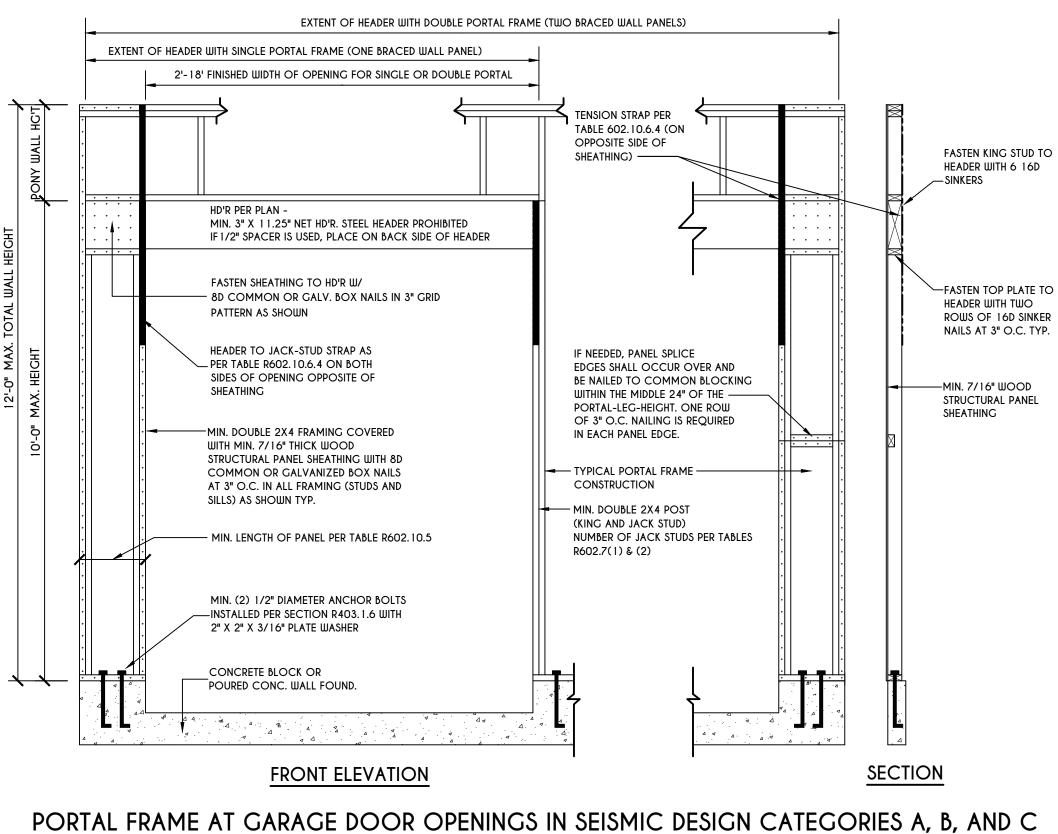
SHALL BE ASSUMED. TABLE R401.4.1

PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS				
CLASS OF MATERIALS	LOAD-BEARING PRESSURE (pounds per square foot)			
CRYSTALLINE BEDROCK	12,000			
SEDIMENTARY & FOLIATED ROCK	4,000			
SANDY GRAVEL AND/OR GRAVEL (GW & GP)	3,000			
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY GRAVEL (SW, SP, SM, SC, GM, & GC)	2,000			
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CL, ML, MH, & CH)	1,500 ^b			

a. WHERE SOIL TESTS ARE REQUIRED BY SECTION R401.4, THE ALLOWABLE BEARING CAPACITIES OF THE SOIL SHALL BE PART OF THE RECOMMENDATIONS. b. WHERE THE BUILDING OFFICIAL DETERMINES THAT IN-PLACE SOILS WITH AN ALLOWABLE BEARING CAPACITY OF LESS THAN 1,500 psf ARE LIKELY TO BE PRESENT AT THE SITE, THE ALLOWABLE BEARING CAPACITY SHALL BE DETERMINED BY A SOILS INVESTIGATION.

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL	
GΨ	WELL-GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND, LITTLE OR NO FINES
SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
SM	SILTY SAND, SAND-SILT MIXTURES
GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
SC	CLAYEY SANDS, SAND-CLAY MIXTURE MIXTURES
ML	INORGANIC SILTS & VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
СН	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
ОН	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
PT	PEAT & OTHER HIGHLY ORGANIC SOILS



SCALE: N.T.S. FIGURE R602.10.6.3

TABLE R404.1.2(8)

MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10- AND 12-INCH NOMINAL FLAT BASEMENT WALLS b, c, d, e, f, h, i, k, n, o MINIMUM VERTICAL REINFORCEMENT-BAR SIZE & SPACING (inches) SOIL CLASSES AND DESIGN LATERAL SOIL (psf PER FOOT OF DEPTH)

G	Ш, GP, SШ, Л 30			GM,	, GS, SM-SC 45	C AND ML		SC, MH, M	L-CL AND II 60	NORGANIC	CL
	30		IMIM	L UM WALL TH		INCHES)			00		
	8	10	12	6	8	10	12	6	8	10	12
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR ¹	NR	NR	#4@35"	NR ¹	NR	NR
	NR	NR	NR	#5@48"	NR	NR	NR	#5 @ 36"	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	#5@47"	NR	NR	NR
	NR	NR	NR	#5@42"	NR	NR	NR	#6 @ 43"	#5@48"	NR ¹	NR
» 46"	NR	NR	NR	#6@42"	#5@46"	NR ¹	NR	#6@34"	#6@48"	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@38"	NR ¹	NR	NR	#5 @ 43"	NR	NR	NR
» 37"	NR ¹	NR	NR	#5 @ 37"	NR	NR	NR	#6 @ 37"	#5@43"	NR ¹	NR
» 40"	NR	NR	NR	#6 @ 37"	#5@41"	NR ¹	NR	#6@34"	#6 @ 43"	NR	NR
¢43"	#5@47"	NR ¹	NR	#6@34"	#6@43"	NR	NR	#6@27"	#6@32"	#6@44"	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@35"	NR ¹	NR	NR	#5 @ 40"	NR	NR	NR
≥34"	NR ¹	NR	NR	#6@48"	NR	NR	NR	#6 @ 36"	#6 @ 39"	NR ¹	NR
» 36"	NR	NR	NR	#6@34"	#5 @ 37"	NR	NR	#6 @ 33"	#6@38"	# 5 @ 37"	NR ¹
» 38"	#5@41"	NR	NR	#6@33"	#6 @ 38"	#5 @ 37"	NR ¹	#6@24"	#6 @ 29"	#6@39"	#4 @ 48"
» 34"	#6@46"	NR	NR	#6 @ 26"	#6@30"	#6@41"	NR	#6@19"	#6@23"	#6 @ 30"	#6 @ 39"
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	#4@33"	NR ¹	NR	NR	#5 @ 38"	NR	NR	NR
≥ 48 "	NR ¹	NR	NR	#6 @ 45"	NR	NR	NR	#6@34"	# 5 @ 37"	NR	NR
¢ 47"	NR	NR	NR	#6@34"	#6 @ 48"	NR	NR	#6 @ 30"	# 6 @ 35"	#6@48"	NR ¹
» 34"	#5@38"	NR	NR	#6@30"	#6@34"	#6@47"	NR ¹	#6@22"	#6 @ 26"	#6 @ 35"	#6@45"
> 34"	#6@41"	#4@48"	NR ¹	#6@23"	#6@27"	#6 @ 35"	#4 @48" ^m	DR	#6 @ 22"	#6 @ 27"	#6@34"

n. SEE TABLE R608.3 FOR TOLERANCE FROM NOMINAL THICKNESS PERMITTED FOR FLAT WALLS. o. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

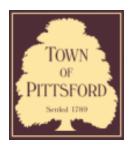
COPYRIGHT NOTICE : THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209 COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE. P.C. 3033 BRIGHTON-HENRIETTA TOWNLINE RD ROCHESTER, NY 14623 CALL:(585) 272-9170 FAX: (585) 292-1262 www.greaterliving.com DATE BY DESCRIPTION CLIENT/LOCATION: LOT 20 COVENTRY RIDGE PITTSFORD, NY **BUILDER:** COVENTRY RIDGE BUILDING CORP. **REINFORCING NOTES** GLA PLAN 2302 R checked: drawn: JJS CDK scale: date: 2/21 AS NOTED PROJECT: sheet: Ν

2538 H









Town of Pittsford

Department of Public Works 11 South Main Street Pittsford, New York 14534

Permit # LD21-000001

Phone: 585-248-6250 FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 25 Briar Patch Road ROCHESTER, NY 14618 Tax ID Number: 151.10-1-25 Zoning District: RN Residential Neighborhood Owner: O'Connor, Matthew J Applicant: O'Connor, Matthew J

Application Type:

Residential Design Review	Build to Line Adjustment
└── §185-205 (B)	└── §185-17 (B) (2)
Commercial Design Review	Building Height Above 30 Feet
└┘ §185-205 (B)	└── §185-17 (M)
Signage	Corner Lot Orientation
└┘ §185-205 (C)	└── §185-17 (K) (3)
Certificate of Appropriateness	Flag Lot Building Line Location
└── §185-197	└── §185-17 (L) (1) (c)
Landmark Designation	Undeveloped Flag Lot Requirements
§185-195 (2)	§185-17 (L) (2)

Informal Review

Project Description: Applicant is requesting design and review to designated the above address as an Historic Landmark in accordance with Article XXX, Section 185-195.3 of the Pittsford Town Code. The property is zoned RN (Residential Neighborhood).

Meeting Date: February 11, 2021



DESIGN REVIEW AND HISTORICAL PRESERVATION BOARD APPLICATION FOR DESIGNATION OF LANDMARK Residence at 25 Briar Patch Road -- Rochester, NY -- 14618 Owners Matthew and Patricia O'Connor January 2021



Front View, January 2021



Rear View with Patio and Deck, January 2021

Acknowledgements

We wish to acknowledge and thank several influential individuals for their significant efforts on our behalf, all of which collectively made this application possible:

- A most special thanks and salute is due to friend and landmark designation advocate **Bonnie Salem**, a longtime member of the Town of Pittsford Design Review and Historical Preservation Board, for her expert advice and eager willingness to collaborate on the text of the application;
- Pesonal friend Diana Lauria put me in touch with a friend of a friend, a granddaughter of former homeowners William and Mildred Levine and Pittsford resident herself Debbie Levine Abrams, who shared warm anecdotes about her memories of the house as a child with us as we prepared the application;
- Meredith Gozo (University of Rochester Curator, Rare Books and Manuscripts, History of Medicine Section, Institute for Innovative Education) provided us a faculty listing for Barbara Geller, a former resident, in the University of Rochester directory for academic year 1979-80;
- Jennifer Ahrens, principal of Bero Architects, PLLC, and staff project architect Christopher Brandt, shared with us their extensive library of historical Democrat & Chronicle news clippings on prolific Rochester builder Clark W. O'Brien;
- Fred "Rick" Herman, Chief Executive Officer of the Rochester Home Builders' Association, answered multiple questions of ours regarding Clarke W. O'Brien, one of the area's most respected builders in the middle of the previous century.

Patricia and Matthew O'Connor

Co-Applicants, January, 2021

List of Appendices

<u>Appendix A</u>

Original Residence and Garage Building Permit, 1950

<u>Appendix B</u>

Original Residence and Garage Aerial Elevation Blueprint, ~1950

<u>Appendix C</u>

Architectural Views of Roof Extension & Den Addition, 1991

<u>Appendix</u> D

Instrument Survey of Property, 1994



Case #

DESIGN REVIEW AND HISTORICAL PRESERVATION BOARD APPLICATION FOR DESIGNATION OF LANDMARK

1. Property Address:	25 Briar Patch Road Rochester, NY 14618
2. Tax Account Number:	04027120000; SBL No. 151.10-1-25 (Lot 11) Liber 106 of Maps (Page 36) Hopkins 1941 Atlas Volume 5, Plate 4 Liber 6000 of Deeds (Page 272) East Side of Briar Patch Road
3. Applicants' Name(s):	Matthew and Patricia O'Connor
Address: Phone: Applicant's Interest:	25 Briar Patch Road Rochester, NY 14618 (585)-704-3970 Mobile - Matthew O'Connor Purchasers (March 1994) and Owners
4. Not applicable.	Owners are applicants
5. Application Prepared By:	<u>Matthew O'Connor 25 Briar Patch Road Rochester, NY 14618 (585)-704-3970 Mobile</u>
6. Present Use of Property:	Single family residence occupied by owners
7. Property Zoning District:	RN (Residential Neighborhood)
•	Explain why the property should be (Attached additional sheets as necessary.)

The home at 25 Briar Patch Road in the Bramble Woods subdivision is significant as an example of the post war custom-designed architectural style. The structure was designed by Cyril Theodore Tucker, a noted professional architect of the time period. Incorporating a mix of traditional and contemporary features, the residence exhibits ledgerock walls, a low-pitched hip roof, broad chimney and bowed picture window. Since construction in 1950, the structure has maintained the original front façade and overall architectural integrity. The location in Bramble Woods north of the Village of Pittsford, one of the earliest post war subdivisions in Pittsford, is also notable as the area exemplifies the expansion in residential development in Pittsford in the middle of the 20th century. Created by prolific developer and builder Clark W. O'Brien, Bramble Woods features a winding street pattern, wider lots and other characteristics of mid-century subdivision layout.

Post war economic recovery led to a surge in new housing across the country which was evident in Pittsford as well. The town experienced unprecedented population growth from 1950 to 1970, fueling demand for new housing. Expansion in residential development began on the outskirts of the Village of Pittsford and in the northern part of the town off of Monroe and East Avenues. These areas were close to major roads, the Village and earlier neighborhoods established before the war.

a. General Statement of Physical History with Sources of Information

The 2017 Bero Architecture PLLC Report (known formally as the "Historic Resource Survey Update," a copy of which can be found in the Pittsford Town Board agenda for the October 16, 2018 meeting) provides the most recent list of inventoried structures in the Town. An excerpt for 25 Briar Patch Road from the report, approved by a resolution of the Town Board, follows:

15	doc 29	
Town of Pittsford Reconnaissance-Level		Good example of custom design in the early post-war period; distinguishing features include Ledgerock walls with detailing at eaves, door, and round window; low-pitched hipped roof with front cross-gable wing; broad chimney; bowed picture window. 1950 building permit: Architect Cyril Tucker; Builder Clarke W. O'Brien. 1991: not rated.

Green Plus: High architectural and/or historical significance and high physical integrity; if exterior changes are present they are compatible with the site's historic character. Strong candidate for local designation; some may also qualify for National Register listing (see National Register Nominations, below).

The original structure was permitted in 1950 as part of the cul-de-sac known as the Bramble Woods subdivision in Pittsford, developed by builder Clarke W. O'Brien who purchased individual lots of land from various owners. The subdivision of 16 homes consisted of properties with street addresses of Briar Patch Road and Briar Circle across East Avenue (State Route 96) from the main, or north campus, entrance to Nazareth College surrounded by brick walls.

i. Owners and Dates:

 Matthew & Patricia O'Connor 	March 28, 1994	to	Current
 Donald & Sandra Strickland 	July 1, 1981	to	March 28, 1994
Barbara Geller	May 9, 1979	to	July 1, 1981
 William and Mildred Levine 	June 30, 1966	to	May 9, 1979
 John & Rhoda Stevens 	November 7, 1951	to	June 30, 1966
Clarke O'Brien	January 5, 1950	to	November 7, 1951

ii. Date of Construction: 1950

Architect: Cyril Theodore Tucker		1950	
Builder: Clarke W. O'Brien	Architect:	Cyril Theodore Tucker	_
	Builder:	Clarke W. O'Brien	

Local architect Cyril T. Tucker (1898 to 1988) lived with his family at 161 Avalon Drive in Brighton for 22 years after arriving in Rochester in 1931 to take up work as an architect.

Mr. Tucker is listed in Architecture and Architects of Rochester, N.Y., as in 1959, he designed the original Culver Ridge Plaza and the Southtown Shopping Center.

Mr. Tucker also designed many residences in Rochester and Brighton, including houses on Allens Creek Road. Furthermore, the May 1934 issue of "The American Home" magazine featured a home designed by Tucker called "The Anchorage," a residential design that reflects a nautical theme and is located at 361 Sagamore Drive in Irondequoit, near Lake Ontario.

The community is indeed small. Tom Upson, a co-founder in 1998 of the still active Brighton Habitat for Humanity Church Coalition along with co-applicant Matthew O'Connor, has lived at Tucker's former home with his wife Meg since 1978. The Upsons met the architect several years after moving to 161 Avalon Drive, at which time he recalled for them time he spent at his drafting table on their front porch designing homes.

Though he passed away young in 1960 at 58 years of age in his 208 Shoreham Drive home in Brighton (see the obituary on the next page), Clarke W. O'Brien was a prolific tract and home developer in Pittsford (see the following advertisement), Brighton, Perinton, and all over Rochester, for that matter.

His sons, Peter W. O'Brien and Philip A. O'Brien, carried on the business of Clarke W. O'Brien, Inc. and O'Brien Development Company, with third son David O'Brien. (Mr. O'Brien owned two companies in order to maintain development and land purchases separate from the building of homes.) O'Brien Homes represented the construction side of the business and was one of the largest builders in our area in the 70's and 80's.

Peter O'Brien passed away fairly young, according to Rick Herman of the Rochester Home Builders' Association, who incidentally was hired by David O'Brien for his current role 25 years ago. Philip retired from the family business O'Brien Homes in 1998, then located at 6780 Pittsford-Palmyra Road in Perinton, and passed away in 2019. David passed away in 2014, essentially closing the company he renamed O'Brien Homes before he died, but maintaining the name for warranty purposes. O'Brien Homes no longer exists as an active builder in the region.

Private Service Held For Clarke W. O'Brien

Shoreham Dr., Brighton.

He was president of O'Brien Development Co. and Clark his sons, he leaves another W. O'Brien, Inc., both home son, David of Perinton; a C development companies. Two daughter, Mrs. Craig Briggs fi sons, Peter W. and Philip A. of Rochester; two brothers, o O'Brien, were associated with William and McHenry, and a h him in the firms. They will sister, Miss Julia O'Brien. carry on the businesses.

Among the tracts Mr. O'Brien developed were O'Brien developed were Shoreham Drive, French Hills, Briar Patch Road, Marsh Road and Distant Hills, all in Pittsford; Up-land, Greenbriar and Foot-hills subdivisions in Perin-in an automobile crash near for and Valley Road Bright Greeneborg N.C. A service for ton, and Valley Road, Brigh-ton.

He was also a principal in the development of the Mac-Elmore Winston, 40, daughter C Farlane Farms and Virginia of Mr. and Mrs. Colony tracts in Brighton.

Mr. O'Brien was born in Honeoye Falls. He attended the University of Rochester Mr. O'Brien was born in Or, 278 Alpine Dr., Pittsford. and was president of his graduating class of 1925. He won letters in track and baseball. He belonged to Alpha a Greensboro

1

Mrs. Winston,

Delta Phi fraternity. When World War II began, er, was driving Mr. O'Brien joined the Navy, alone about Mrs. Patrick leaving his wife to handle his 12:45 a.m., po- H. Winston t business. He was 41 at the lice said, when her car failed 1 time. A Naval pilot, he was in charge of air crew train-ing in Florida when he was utility pole.

June 25, 1960 Obituary

Democrat & Chronicle

BRIGHTON-Pittsford. We own and control dozens of building sites in our 3 subdivisions for houses of all prices. Shoreham Dr., overlooking Oak Hill Country Club, for big 2-story houses for big families, houses from \$20,000 up. French Rd., tract for smart new "ranchers" from \$14,-000 up. Bramble Woods on East Ave., opposite Nazareth College, a dream place of big trees and rolling lands for smart contemporary houses from \$25,000 up. We go in for big lots. A minimum lot with us is 100-ft. frontage. If you need up to 6-acre lots we have them too! One condition: We must approve the house you build. If we don't like it, you don't build it. Consult with us on land. Clark W. O'Brien, Builder, Hillside 2547.

June 26, 1946 Advertisement

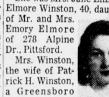
Democrat & Chronicle

A private funeral service discharged as a lieutenant of f for Clarke W. O'Brien, 58, a home builder and tract devel-of service. He resumed his oper, was held yesterday. Mr. O'Brien died of a heart Mr. O'Brien was a mer Mr. O'Brien died of a heart ailment Thursday (June 23, of Oak Hill Country Club w 1960) in his home at 205 and Rochester Home Builders T Assn. Besides his wife, Alma, and a

Friends may contribute to S

Р

O'Connor Landmark Designation Application for 25 Briar Patch Road--Page |4 of 10



C fi

iii.Facts/information on original plan and construction of building(s):

The initial permit application of September 7, 1950, signed by architect Cyril T. Tucker and builder Clarke W. O'Brien, proposed a total area of 2,000 square feet for the main structure. Permit 140 (Appendix A), which cost \$32, was granted on September 26, 1950, for a dwelling estimated to cost \$14,000 and garage estimated to cost \$2,000. The owner was listed as John Stevens of the Stevens-McMillen Company located on East Avenue in Rochester.

However, the current residence is listed as 2,700 square feet.

Why?

The blueprint (Appendix B) depicting original construction appears to show that the chimney on the east side of the home exists on an external wall.

But the ~375 square foot area east of the chimney between the kitchen to the north and living room to the south was enclosed, possibly by the builder while the home was under construction. Debbie Levine Abrams, granddaughter of William and Mildred Levine, the couple which purchased the home from John Stevens, does remember an interior chimney and indoor living space between the kitchen and south end of the home. There is the distinct possibility that the addition of the enclosure was agreed upon by Mr. Stevens and the builder during construction and not captured on Town documents after the fact.

Another ~325 square foot addition was added years later by Donald and Sandra Strickland in the form of a third bedroom -- or "den" -- in the southeast corner of the structure.

iv.Facts/information on known alterations/additions (dates, architects, builders):

In 1990, owner Donald Strickland hired architect Les Murfin, then of Fairport, to generate the specification and plans for a raised roof and gutter system to accommodate a third room on the southeast corner of the existing structure. Mr. Strickland hired Dobbins Construction, Inc., then of Penfield, to execute the plans. This initial contract cost \$32,800. The construction was performed in 1991.

On December 21, 1991, The Town of Pittsford Architectural Review Board approved the addition of a room called the "den" of ~325 square feet on the southeast corner of the existing re-roofed structure. The views in Appendix C show the proposed third room on the rear (east) elevation view at the bottom, in addition to the raised roof shown in the south elevation. This second contract cost \$17,500. The external walls of the "den" were fashioned from ledgerock matched to exactly mimic the existing ledgerock façade.

b. Statement on history (include sources of information):

i. Historical events associated with the property and dates:

The applicant has not identified any particular events of local, regional or national significance that happened on the property.

ii. Well-known persons associated with the property:

The applicant has identified known persons of interest who have lived previously at 25 Briar Patch Road.

Current co-owner **Matthew O'Connor (occupancy 1994 - current)** served as a Town Councilman from 2012 through 2019 and acted as the liaison to the Design Review and Historical Preservation Board twice during his eight years in office. He is still active in the community serving on four volunteer boards. His bio from the Town website is included below. Wife and co-owner **Patricia O'Connor**, a two-time graduate of Nazareth College, is a classically trained harpist who studied under the late virtuosa Eileen Malone at the Eastman School of Music. She has performed twice at the Spiegel Center for admiring Pittsford seniors since her retirement after 42 years teaching in West Irondequoit and elsewhere. Daughters **Alyssa** and **Danielle** are both Pittsford Sutherland and Cornell University School of Industrial & Labor Relations graduates. Danielle is an Assistant Vice President and talent scout at Citibank in Manhattan. Alyssa, who graduated from the University of Chicago with a JD in 2016, is legal counsel for the Board of Governors of the Federal Reserve System in Washington, DC.

Matthew J. O'Connor, Town Council



Matt joined the Town Board in January of 2012. A past President of the Rotary Club of Pittsford and a Rotary Paul Harris Fellow, Matt also serves as the Steering Committee Chair of an Eastside Habitat for Humanity Coalition of Churches now preparing to build its seventh home since 1998 in the City of Rochester JOSANA neighborhood. He is a member of the Board of Directors of the Pittsford Chamber of Commerce, Saint's Place and RESOLVE of Greater Rochester, Inc.

A recipient of his Bachelor's and Master's from the Sibley School of Mechanical and Aerospace Engineering at Cornell University, Matt was the Director of Quality for ITT Space Systems Division before serving as the Vice President of Quality for Exelis Geospatial Systems prior to his retirement. A certified Lean Six Sigma "Black Belt," Matt earned multiple American Society of Quality certifications and Professional Engineer Licensure over his career.

Matt currently is the Assistant Vice President of Economic Development and Innovative Workforce Services at Monroe Community College. In this capacity he serves as the Dean of Career Technical Education. Matt also teaches in the Engineering Science and Physics department.

Matt and his wife Patty have been residents of Pittsford for 25 years and live on Briar Patch Road, in a home listed on the Town Historic Inventory. Their adult daughters, Alyssa and Danielle, are graduates of Pittsford Sutherland High School. You may email him at moconnor@townofpittsford.org or by clicking here.

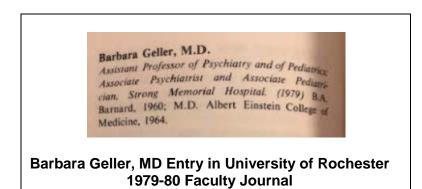
Donald Strickland (occupancy 1981-94), a former Eastman Kodak executive and visionary who exited the company in 1993 because he couldn't persuade the Board of Directors to manufacture and market a digital camera, once said: "We developed the world's first consumer digital camera but we could not get approval to launch or sell it because of fear of the effects on the film market." Kodak was first to create a digital

camera in 1975 under Mr. Strickland, a crude device (by today's standards) that required 23 seconds of exposure time. Don Strickland then joined Apple Computer, where he was able to successfully launch and market the first consumer digital camera in 1994 called the QuickTake 100, which was ironically manufactured by Eastman Kodak and cost \$750 to purchase.

Mr. Strickland left the money-losing Apple Computer during a massive cost-cutting purge engineered by then-CEO Gil Amelio and founded a Silicon Valley startup company, PictureWorks Technology, which he later sold to a public company, IPIX Corporation, of which he eventually became CEO. He consults and speaks nowadays.

Barbara Geller (occupancy 1979-81) is most likely Dr. Barbara Geller, MD, based on research conducted by the applicant. Dr. Geller was a highly respected and well-known emerita professor of child psychiatry in the Department of Psychiatry at Washington University School of Medicine in St. Louis. She passed away in May 2020 at the age of 81, after a brief hospice stay in St. Louis. She has no survivors.

The first physician in her family, Dr. Geller earned a bachelor's degree in 1960 from Barnard College at Columbia University and a medical degree in 1964 from Albert Einstein College of Medicine. She completed her residency in psychiatry and a fellowship in child and adolescent psychiatry at New York University-Bellevue Medical Center. Eventually she arrived at the University of Rochester Medical Center (URMC) in 1979 as an Assistant Professor of Psychiatry and Pediatrics and Associate Psychiatrist and Associate Pediatrician at Strong Memorial Hospital, before moving elsewhere.



Dr. Geller was internationally recognized for research into pediatric bipolar disorders and was principal investigator on multiple NIMH-funded grants. Among her awards were the Cummings Special Research Award from the American Academy of Child and Adolescent Psychiatry and the Exemplary Psychiatrist Award from the National Alliance for the Mentally III. Dr. Geller served on numerous federal advisory committees and published more than 130 articles on childhood manic-depressive disorders. She wrote for *NEJM Journal Watch Psychiatry* from 1997 to 2018, specializing in articles on child psychiatry and neuroscience. Hundreds of researchers trained with her throughout her career.

The mobile Barbara Geller apparently stayed at URMC for two years or less, as Meredith Gozo (University of Rochester Curator, Rare Books and Manuscripts, History of Medicine Section, Institute for Innovative Education: Miner Libraries, University of Rochester Medical Center) could only find her listed in the faculty directory for the academic year 1979-80.

The fact that the residence was occupied for 1979-81 suggests she was probably the owner before moving on to another position, of which she had many throughout her career.

William and Mildred Levine (occupancy 1966-79). The applicant had the opportunity to speak to Mr. Levine's granddaughter, Pittsford resident Debbie Levine Abrams, to confirm that her grandparents, William and Mildred, did indeed reside at 25 Briar Patch. She mentioned in their conversation that she had many fond memories of Thanksgiving celebrations at the home.

In 1933, in the midst of the Depression, William joined his father, Abe, to found Alleson of Rochester—the name is an amalgam of "Abe Levine and Son." Day after day, the pair sewed men's caps and apparel in the basement of a downtown Rochester warehouse. William was the firm's first president. Abe and William got their first break in 1935, when Champion Products, then a local company, hired their firm to make sports clothing. The firm started its own sports apparel brand in about 1965, and did business as Alleson Athletic.

William Levine had a kind of unusual hobby. "He used to always say 'My hobby is to make money and give it away," said son Todd Levine.

William appears to have thoroughly enjoyed that "hobby." By the time he died in 2013, he had built Alleson Athletic into a brand known throughout the United States and Canada. Acting on his desire to "give it away," William devoted a great deal of time, energy and money to helping local institutions serve the needs of the region's children. He was also a dedicated family man who was married to his wife, Mildred, for nearly 60 years until her death in 2002.

Not content to limit his business activities, William also invested in Rochester-area real estate, and even "became involved in banking. "He started the First National Bank of Rochester," Todd said. "He did it with a few friends and ended up taking it public." M&T Bank acquired First National in 1999.

At the same time, William sought to give back to his community, especially the children. In the 1980s, he created the William & Mildred Levine Foundation and began following his philanthropic aims with greater vigor. "Bill's foundation, over the last 20 years of his life, gave over \$20 million to charities in the Rochester area," Todd stated.

Many well-known local nonprofits have benefited from that foundation's largesse. The Foundation bought the original land for Camp Good Days and Special Times.

More recently, \$1 million of foundation funds supported the construction of the Golisano Children's Hospital's Neuromedicine and Behavioral Health Center. The three-story building houses a number of pediatric clinics, including the William and Mildred Levine Autism Clinic. Another substantial contribution from the William and Mildred Levine Foundation helped create the William and Mildred Levine Pediatric Surgical Suite at UR Medicine's Golisano Children's Hospital. The suite, which opened in 2006, is specifically designed to provide pre-and-post-operative care for children.

Mr. Levine was a 2017 Rochester Business Hall of Fame inductee.

c. Statement on architecture:

i. Architectural style or period:

This home is characterized by a mix of traditional and contemporary styles and exemplifies many of the features of the ranch style that was popular in post war construction, including a one-story height, broad, low profile and broad side of the house parallel to the street. Distinguishing features include ledgerock walls, a broad chimney, and bowed picture window. While the ranch style home was the most popular home style of the time period, designs ranged from modest examples built under FHA guidelines to custom architect-designed homes such as 25 Briar Patch Road.

These houses were built to be more functional than fun, perhaps more boxy and ordinary. But what these homes lacked in originality, they made up in dependable sturdiness, all because more functional, practical and economical solutions appropriate to family living were necessary to accommodate homeward bound soldiers and their families. As a group, post-war homes were durable, solid houses with a lot going for them.

The Bramble Woods subdivision is a perfect example of a family of such post-war functional homes. There are 12 single story or ranch homes in the subdivision, two split level homes and two "Cape Cod" style homes, all with approximately the same living space (2,000 – 2,750 square feet) under the roof, distinguishing them as larger than typical smaller postwar kit homes of 1,000 square feet.

ii. Architectural interest or merit:

This home was designed by noted architect, Cyril T. Tucker (1898 – 1988) and is a good example of custom but functional design in the post war period. The structure is rated "Green Plus" in the Town of Pittsford Historic Resource Survey Update which indicates high architectural and/or historical significance and high physical integrity.

iii. Current exterior condition (describe construction, finishes, state of repair):

The outside, public facing surface of the home exists in superb condition, as the applicants have taken numerous steps to preserve the exterior since 1994:

- The entire roof was replaced in 1995 with a color tint selected to blend with the natural gray-green color of the ledgerock stone.
- All external single-pane glass windows surrounding living space were replaced with tasteful, double-pane, insulated windows for energy efficiency reasons in the 1990's.
- The heavy wooden garage door was replaced with a lightweight vinyl door with windows. The garage floor was epoxy-coated most recently in 2020.
- The green stucco finish above the master bedroom in the front of the house was refreshed and repainted in 2010. The ledgerock is solid and no gaps exist anywhere between layers of stone.
- Previous owners extended the driveway width approximately 2-feet and included the existing round stormwater basin within the driveway. When the applicants replaced

the worn driveway in 2014, the stormwater catch basin was moved off to the side by the mailbox by the Town of Pittsford Sewer Department.

• The applicants added a light brown composite 20-ft x 28-ft x 0.75-ft Trex deck to match the color of the trim to the rear of the house (not visible from the public right of way), accessible from the living room.

d. Statement on site and surroundings:

i. Outbuildings (list existing outbuildings and describe significance and state of repair):

There are no permanent outbuildings located on the property. An unused wooden tree house on four wooden stilts represents leftover construction from the previous owners. The rectangular playhouse is located within the hemlock farm up the hill, making the structure just barely visible from the rear of the house.

ii. Describe natural features of parcel surrounding building:

The 0.54-acre lot is characterized by a gigantic oak tree on the front lawn, with a bowlshaped canopy that has been well-pruned over the years. The front lawn is flat. Arbor vitae inside a stone wall line the southern edge of the property starting west, near the front property line by the road, ending at the southwestern corner of the home.

The property slopes upward from front to rear (west to east) on the south property line. A hemlock farm provides shade from the mid-day sun and privacy from the residence at 23 Briar Patch, situated on top of a hill that overlooks lot 11.

Past the fence in the backyard is undeveloped private property off Landsdowne Lane. To the left of the flat rear property is the Town park known as Wynd Woods. The backyard of the adjoining property at 29 Briar Patch, separated by bushes that run from the garage toward the end of the lot, is downhill of the backyard.

We certify that the information supplied on this application is true and accurate.

Signature of Applicants & Owners	Date
<i>Patricia J. O'Connor</i> (e-signed)	January 10, 2021
<i>Matthew J. O'Connor</i> (e-signed)	January 10, 2021

	a ta in
APPLICATION FOR PERMIT	116-
	No
To THE TOWN BOARD OF THE TOWN OF PITTSFORD, N. Y. GENTLEMEN:	Fee \$ 32.00
The undersigned respectfully petition for a permit to alter a stranger (frame,	building on
Lot No. 11 House No. 25 on the EZST side of BF10	at Patch Roal Street,
in the Bramblewoods Tract of TOWN OF PITTS	
wide in the front and $\frac{131.87}{1.87}$ feet wide in the rear and $\frac{2004}{2004}$ feet deep. Classified as Residentia (
NOTICE: A Plan, in duplicate, size $4\frac{1}{2}$ " x 7", must be furnished showing the with the proposed building set in, with all dimensions of same and showing the	e shape of the lot and all dimensions, le set back distances from all sides.
The Main Building of	mitted: 2 Lig "
Width 47 feet Wing on Side Side	
Depth 23 feet Wing on 2 Side	widthieet
The whole occupying a total area of 200 5 1 square for	Depthfeet Side (1 6 ft.
PORCH: Openside,feet wide,	
GARAGE: An <u>celle chi</u> garage is to be erected on	the north side of the
dwelling construction, of the following	
Stories, Width <u>20.5</u> feet, Depth <u>234</u> feet, Ca	pacitycars.
Located 10 feet from the north Lot line.	ESTIMATED COST:
Located 97 8 feet from the from Lot line.	Dwelling \$ 7.000
\mathcal{V}	Garage \$
The undersigned hereby guarantees that said buildings will be construct ordinances of the TOWN OF PITTSFORD and statutes of the State of New are the PLANS RELATING TO THE BUILDINGS HEREIN DESCRIBED property is owned by the undersigned.	ed and used in accordance with all York, and the plans annexed hereto
All work is to be done in accordance with this application and plans, and r part of said buildings shall be made without the written consent of the Town Bo	no material change therein or in any oard through its authorized agent.
NOTICE: Construction must be started within 20 days from date of permit within 6 months from date of permit. No building to be used until an occupant	. All construction must be completed
Architect: Cynul Cucker Builder: Car	ours respectully,
1 talue	Owner
Easta	ne Rocherly my
STATE OF NEW YORK, ss: County of Monroe	Address we mellen co)
that he is the owner of the above described premises; that he has read the for knows the contents thereof; that the same is true to his own knowledge. That is comply with all the terms and conditions respecting the issuance of said permit a in accordance with the plans attached to this application; that it will cost not 1 and that he will comply with all ordinances of the Town of Pittsford and all th in connection with the construction, erection, alterations or use of said buildings.	and that said buildings will be erected ess than the amount set forth herein
SWORN to before me, this	<u>COCREAS</u>
day of SEP - 7 1950 19	· · · · · · · · · · · · · · · · · · ·
Notary Public, Commissioner of Deeds	
NOTICE: Before any excavation is made within Highway Lines, Check secure permission of Superintendent of Highways. Avoid violating possible Dee	Location of Public Utility Lines and d or Tract restrictions.
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REPORT OF PLANNING BOARD

TO THE TOWN BOARD OF THE TOWN OF PITTSFORD:

The Planning Board of the Town of Pittsford, Monroe County, N. Y., to which was referred the application of

to erect alter buildings together with the proper fees and plans therefor, does hereby disapprove said application and recommends that a permit be granted therefor upon the following terms and conditions:

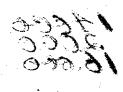
1. That the Town Board, its agents and employees, may at any time enter upon said premises and inspect said buildings to determine whether the same are being erected or have been erected in accordance with the plans submitted with said application for a permit.

That the Town Board may at any time upon notice, revoke said permit for failure to execute the plans.
 That the said buildings shall be set back and built upon the building line established by the Town Board for the district where such property is located and where such building is to be erected or altered.

4. That the buildings mentioned in said application and plans shall be erected in accordance therewith and shall be used for no other purposes than those specified in said application and plans.

5. That any garage erected upon the premises shall be used solely for private garage purposes and shall not at any time be used for a residence or any other purpose upon said lot.

6. Reasons for disapproval are as follows:



PITTSFORD PLANNING BOARD						
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F	Permission is hereby granted	1 to	7		Nyth	
owner to	tief th	ne structures desc	ribed in the s	application	herein referred to and no ot	her upon
the terms	and conditions set forth in	the recommendat	ion of the P	anning Boa	ard of the Town of Pittsfor	d, N. Y.,
and the Z	oning Ordinance.	•				.*
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Town Clerk

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COPY FOR BUILDING DEPARTMENT. THIS COPY OF CERTIFICATE MUST NOT BE ALTERED IN ANY MANNER.

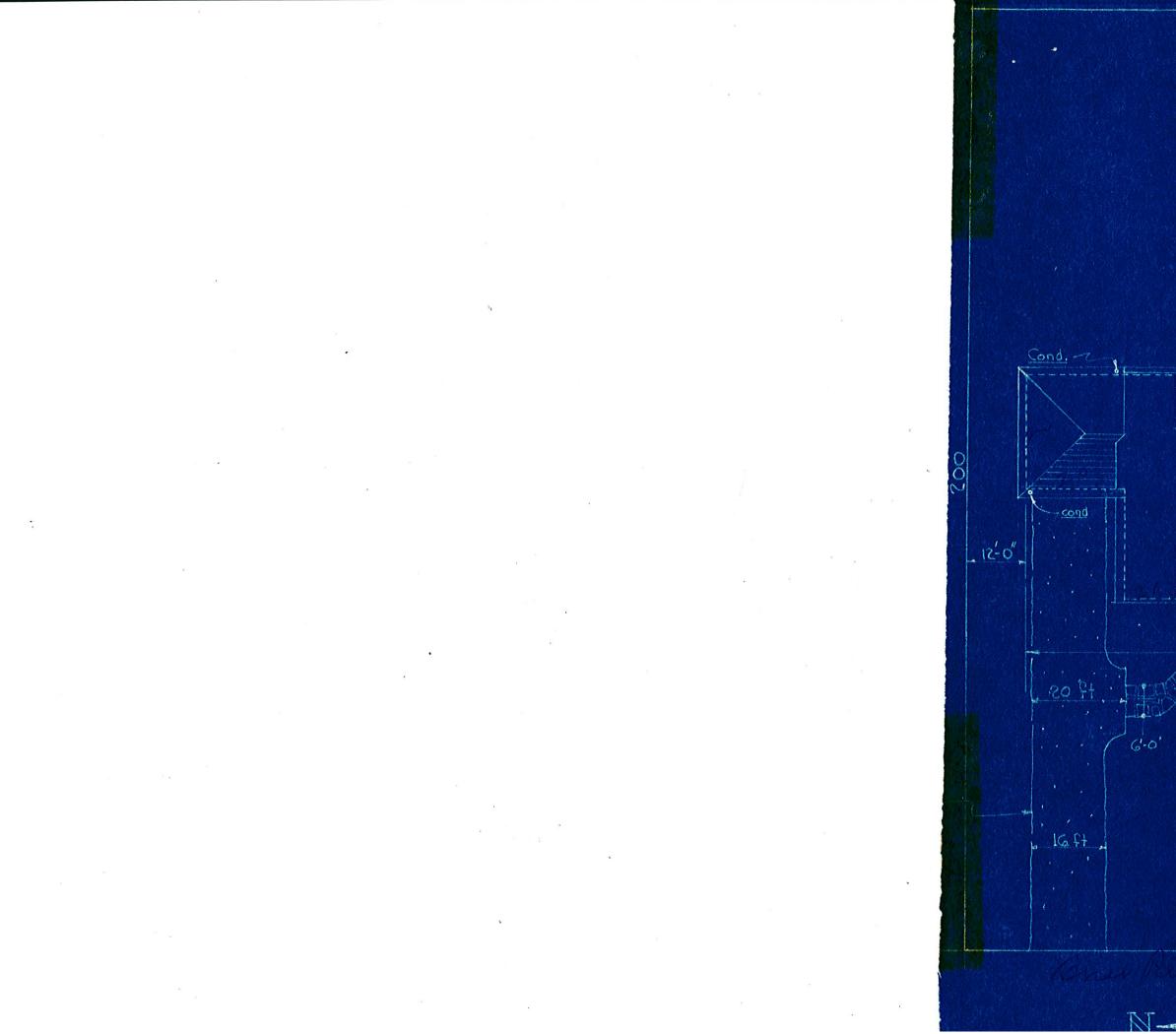
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131.89 L.OT #11 Cond 19 md 20 20 1.5 H-1----- Cond. -----89'-2" 36° flagstone walk PLO 105

TOWN OF PITTSFORD, N.Y. APPLICATION FOR BUILDING PERMIT

INSTRUCTIONS:

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A. This application must be filled in by typewriter or in ink and submitted to the Building Inspector. B. One plot plan, showing location of lot and of proposed and existing buildings on premises, relationship to adjoining premises, public streets or areas, and giving detailed description of layout of property, with ALL measurements shown, must be submitted with this application.

C. This application must be accompanied by ONE complete set of plans showing proposed construction. Plans shall describe the nature of the work to be performed, the materials and equipment to be used and installed and details of structure, mechanical, electrical, and plumbing installations, sewage disposal and water drainage system. D. The work covered by this application cannot be commenced before issuance of a Building Permit.

E. Upon approval of this application, the Building Inspector will issue a Building Permit to the applicant.

APPLICATION IS HEREBY MADE for the issuance of a **BUILDING PERMIT** pursuant to the rules and regulations that have been adoped by the Town of Pittsford, for the construction of buildings, additions or alteration, or removal, or demolition, as herein described. The OWNER will be held responsible for compliance with all applicabe Laws, Ordinances, and Regulations. Subject to the provisions of the Town Building Code. All lot and setback stakes must be set and protected before construction is started.

LOCATION OF PREMISES: House No. 2. Street. Brider. Patel Riact Brandle Made ot No. 1. ... Zoned A.A. DWELLING MULTIPLE DWELLING GARAGE COMMERCIAL INDUSTRIAL CONDO TOWN HOUSE SINGLE HOUSE 872-6750 FEE \$...25.90 ESTIMATED COST \$ COMPLETED COST \$..... DIMENSIONS OF NEW CONSTRUCTION (As per Plans Submitted): Type of Building .Ferrily. Aver... Number of Stories 2nd Floor Area ALTERATIONS AND ADDITIONS: Describe Type of Addition or Alteration Family Room

ACCEPTANCE DOES NOT RELIEVE THE AGENT, APPLICANT, ARCHITECT, BUILDER, ENGINEER OR OWNER FROM COMPLYING WITH ANY OF THE PROVISIONS OF THE N.Y.S. BUILDING CODE, ENERGY CODES, SEQR ACT, LOCAL ZONING, ETC., WHETHER STATED IMPLIED OR OMITTED IN THE PLANS AND SPECIFICATIONS SUBMITTED FOR THE BUILDING PERMIT.

Dated this 1.2. day of loc 199

Signature of Applicant

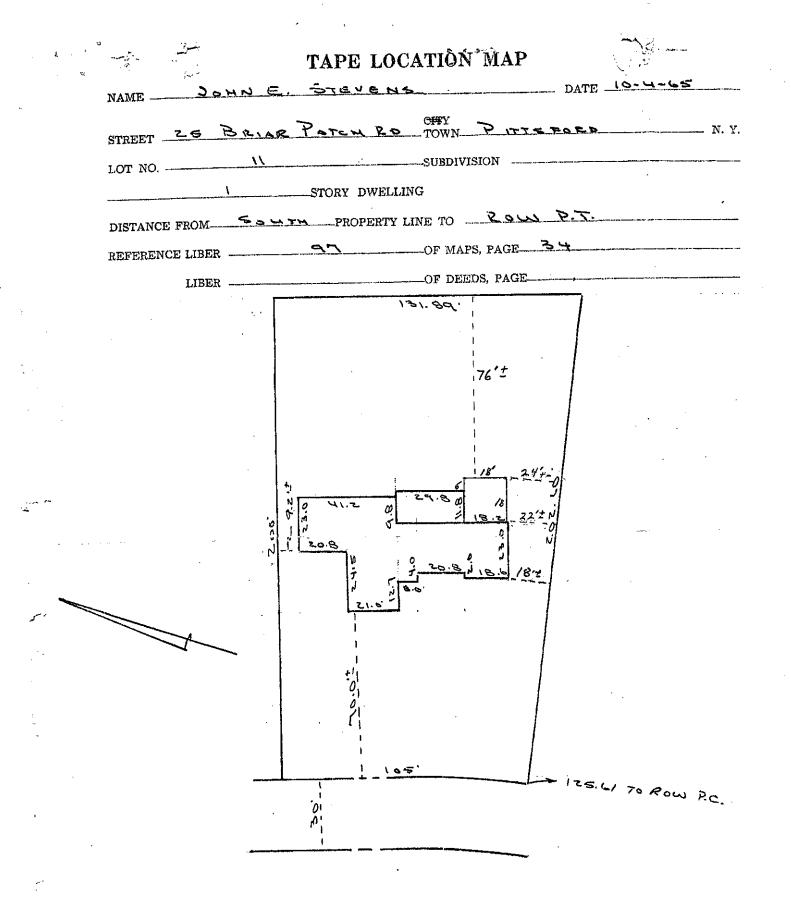
872-6750

Signature of Building Inspector

TOWN OF PITTSFORD BUILDING DEPARTMENT REPORT

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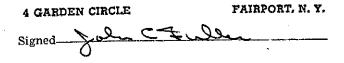
LIBER:	PAGE:
REC. FEE #	
permit number	LOT NUMBER
DATE <u>1-9-92</u>	ZONE <u>AA</u>
TRACT Brankle Nords	BUILDER Dobins Const.
SECTION	PHONE # 872-6750
STREET & NO. 25 Brian Pall	REVIEWED BY <u>L. Koste</u>
OWNER Donald Stricklas	DATE 12-24-91
STRUCTURE: TYPE	Final Insp. 6-8-92
USE Family R	mon
G.F.A. 1ST FLOOR 2ND FLOOR LOWER LEVEL DECK	- 20/14
NO. BATHROOMS NO. POWDER ROOMS LAUNDRY ROOM NO. BEDROOMS NO. FIREPLACES	
INSPECTIONS:	
FOOTINGS $12 - 12 - 91$ WATER PROOFING FRAMING $1 - 45 - 92$ FIREPLACE INSULATION $1 - 76 - 92$ GARAGE FLOOR DRAIN	PLUMBING UNDERGROUND ABOVEGROUND SUMP PUMP GRAVITY DRAIN
VARIANCE	



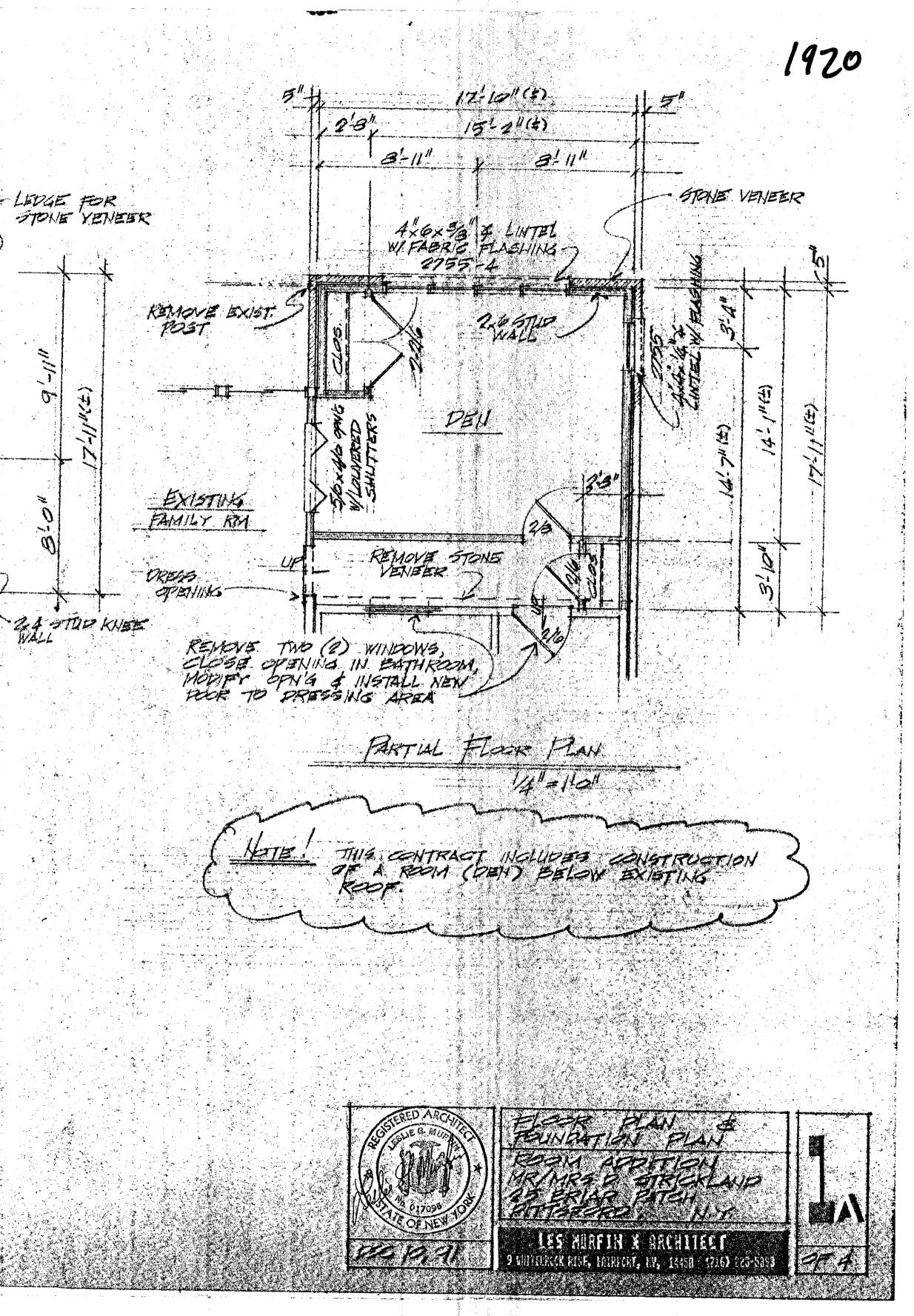
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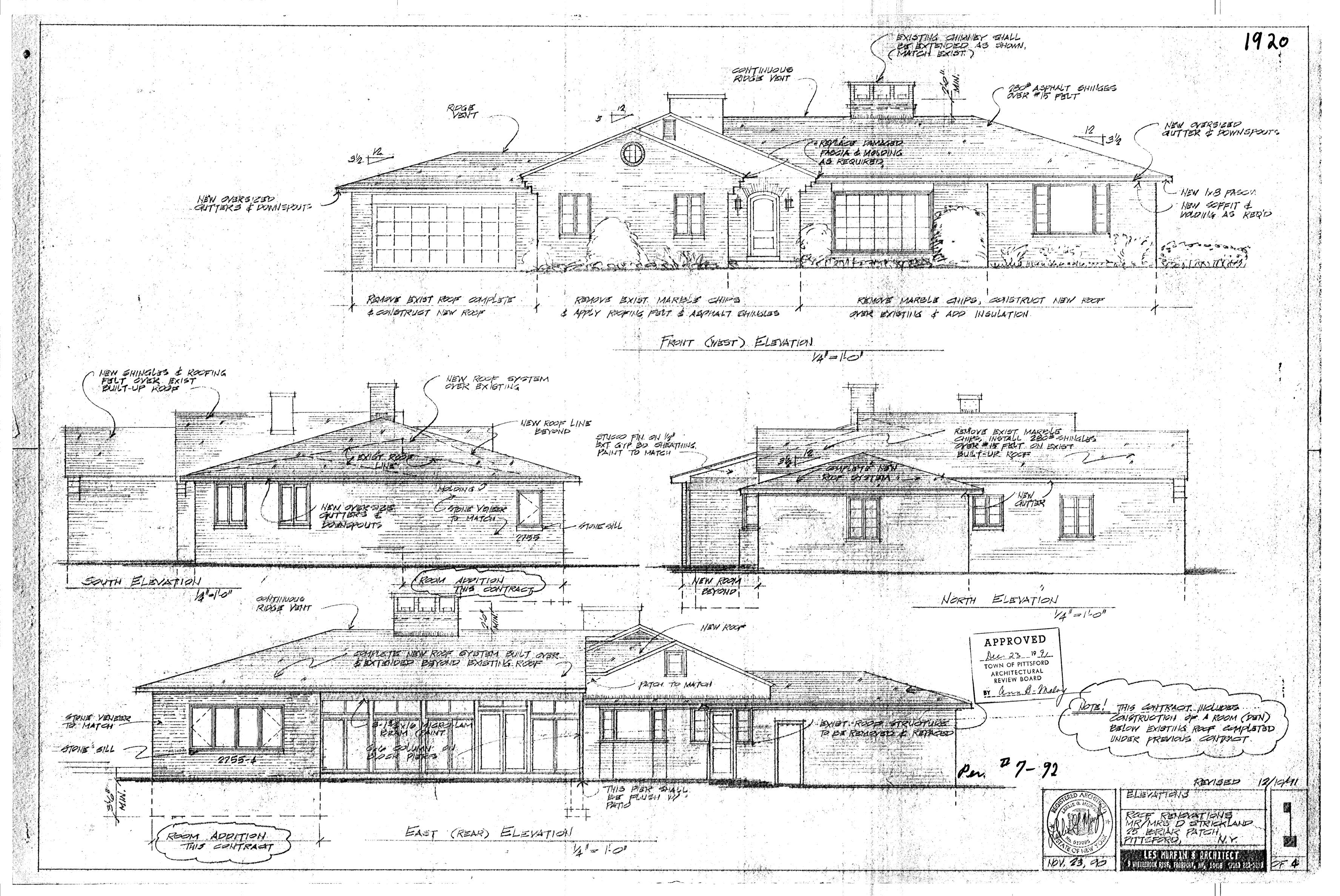
ALL BUILDINGS ON LOT ARE SHOWN. MAIN FRONT WALL IS (IS NOT) ON SET-BACK LINE. THIS IS NOT AN INSTRUMENT SURVEY.

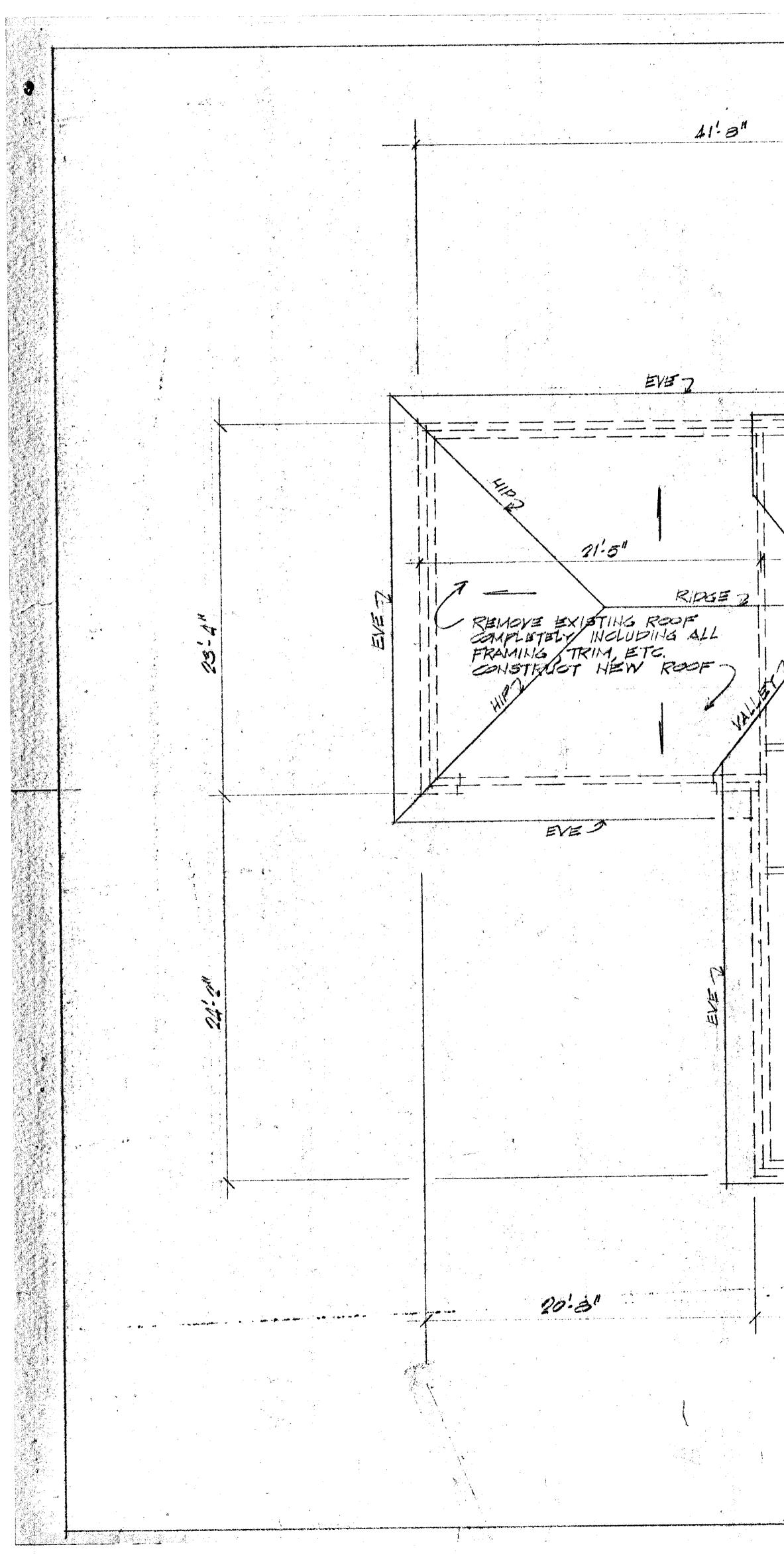




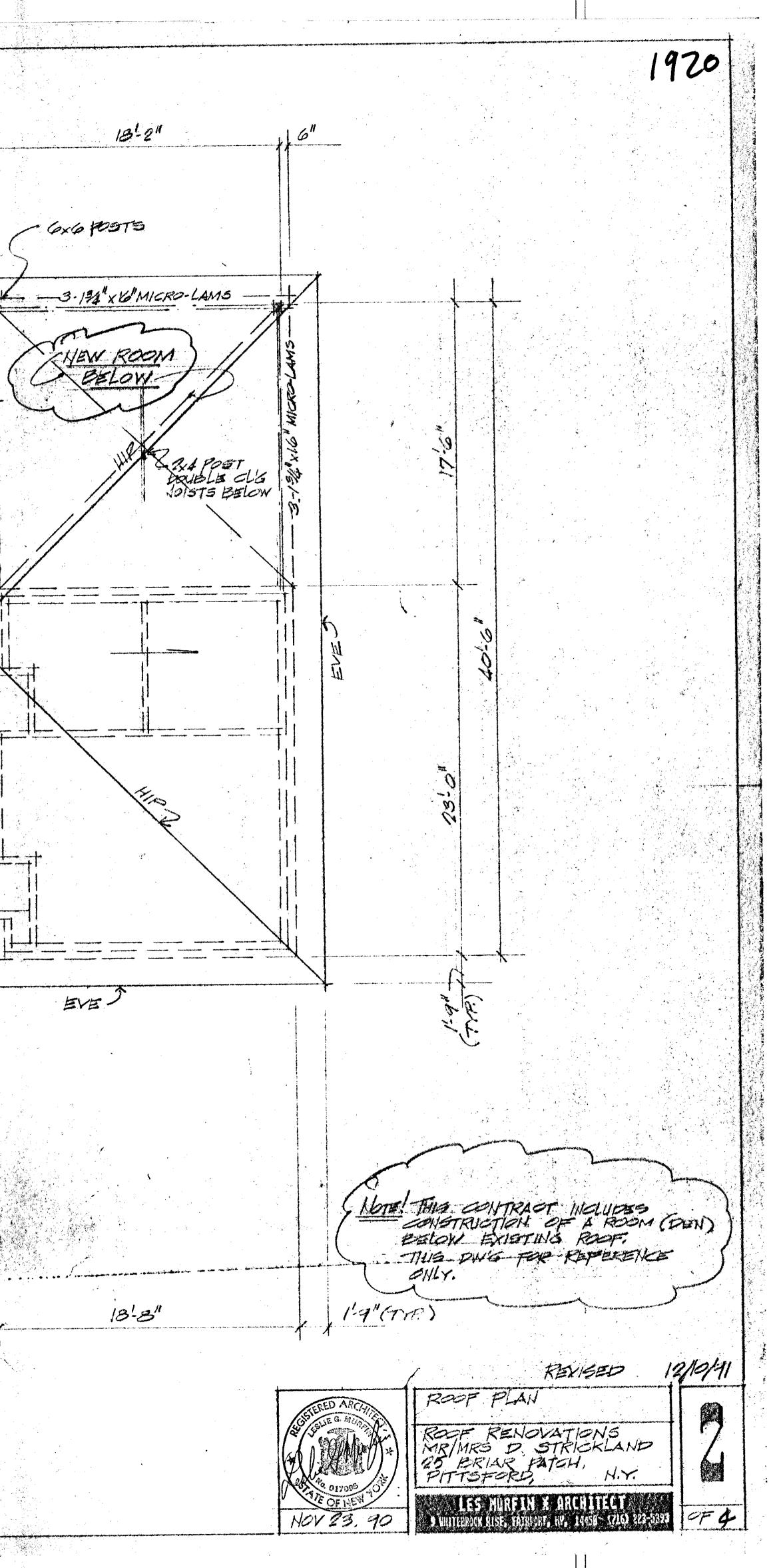
18-10/(=) 9 ICRS 6" BLOCK ON ACRS 12" BLOCK ON TRENCHED FTG 2" 540 BRIDGING F 1 d'a" 3'6" 1-11"(1) ... 3(1.8) SXISTIIKS BLACK PAR ON HAUNCH SLAD (2 PLACES) CRAWL SPACE 0 in CERIPGING HAUTEH SLAB MIN 8" THICK EXISTING FOUNDATION / CRAWL SPACE







28-10" EVE 7 3-134"×16" MICRO-LAMS 1----OVER EXISTING - RAISE CHIMNEY HEIGHT MIN 2'0" ABOVE NEW RIDGE RAKE EVED RIDGE 7 1 HIP RIDGE ELAM SUPPORTS FRAME EXIST MARELE CHIFS, FRAME NEW ROOF OVER EXISTING WITH EXTENSION TO REAR. EXTEND MIN 12" UP VERT. SURPLIES # 24" UNDER SHINGLES W. K.S. ----KAKE J RAKE 20-10" 8-0" 21:0" ROOF PLAN 14"=1-0" _____



1920 44.0" 40! 6" 2,8 RAFTERS. PERMO SHEATHING REMOVE EXISTING ROOFING SHEATHING AS REQUIRED FOR NEW RAFTERS 12 3/2 HOTE ROF CAMPLETE UNDER PREVIOUS NEW RAFTERS CONTRACT & A HIP SUPPORT 210 HIP RAFTER 12 EXISTING FLATE ALTTER ON XB FASEA -> REPARE GUTTER, FABORA AFTER NEW ROLF INSTALLED OUT OPN'GS IN EXISTING ROOF FOR VENTILATION (OPTION: BLOW-IN ADDITIONAL INSULATION FOR TOTAL OF 12") C 2,3 5L'G JOISTS BIG" OF POUBLE BELOW HIP SUPPORT R. 380 INDUL STAFET, WIRANITS "MOISTLIRE RESISTANT GYPSUM ED CONT RIDGE VENT STONE VENEER -WI WALL TIES @ 24" x 24" are 280# SHINGLES OVER -2,3 RINGE BD FLYWD SHEATHING 2,6 STUPS @16" ofc 2x4 COLLAR TIES @ 32"92 REMOVE STOKE VENEER 13/2 12 EEPRON EATHROOM W/R-19 INSULATION APPLATE-4-INFILT BARRIER OVER 3/3" CDX BEDRM F. 7 SUIS \$ NAK -INS FASOAA - 3-2.8" PLYMODD 1st Hank I NOTE OFTIONAL: IN LIEU OF SHATTING INTO EXIST ROOF FOR SLEEPERS ON EXIST ROOF F SLEEPERS ON EXIST ROOF F SCRIDE NEW RAFTERS TO FT. R-19 14544 CR3 elis Teloro 24 POST 2 PLACES, HAURIS ELG JOISTS E POST LOCATIONS 6" BLK -214 KNES WALL 228 FL 101575 2" SLAB SEFFIT TO C16" 96 13" BLK --S" BL'K MATCH EXIST Va" arp BD. TRATICH PTG-NOTE! REMOVE EXIST ROOF & CEILING COMPLETELY. CONSTRUCT NEW ROOF AS SHOWN R 8.7 INSUL 23'O' EXISTING INCH SLAB THIS CONTRACT GARAGE Estrown SECTION Q 33" -1-0" مراجعة مجلوره بالمورعاتهم 44:01 23-4 3-91 13-3" 20:3" pa! 280# SHINGLES OVER #15 FELT. ON 1/1"CDX FLYWD SHEATHING 216 RAFTERS SECTION @ GARAGE 3/3"=1.0" 44. 1 2 19 C 2,6 CONTINUOUS BAFTLE FOR FLOW, 4'0'g/ BLE GENT. CTYPICAL W/ 14SURATION GUTTER ON IX8 FASSIA -PLATE? "FIEBRALAS NEXA POST CA'D'AC ON EXE CONT. PLATE CV3 POINTE (TYPICAL) (LINFACED) KEMOVE GUTTER, FASCIA, ETC. & REPLACE AS REQUIRED (MATCH EXISTING) AS REQUIRED WATCH WI LIVING RM. FAMILYRM 1/2" MOISTURE RESIST 3-134"×16"MICRO-LAM BEAM ELG VOISTS CIG"2G CTAPS & FINISH) 1ST FLOOR 2 NOTE! THIS CONTRACT. INCLUDES CONSTRUCTION OF A ROOM (DEN) EELOW EXISTING ROOF COMPLETED ha ngan ing ing UNDER TREVIOUS CONTRACT. 32-4"(=) EXISTING 12/10/41 REVISED SECTIONS SECTION @ LIVING RM & FAMILY RM 33"=1-0" ROOF KENOVATIONS MR/MRS D STRICKLAND 25 ERIAR PATOH, NY. LES MURFIN & ARCHITECT 9 KHETLEROOK RISE, FAIRPORT, NY, 14458 1716) OFA NOV. 23

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(Pittsford	WN OF PITT APPLICATION F BUILDING PERM		OFFICE USE ERMIT # <u>203</u> SUED: <u>6138,120 y</u>	
SUBMISSION REQUIREMENTS:	NOTE: All application info	rmation will be availab	ble for public review.	
 A. Where applicable, include a site pion on proposed wall or septic system, the local B. This application must be accompanied it mature of the work to be performed, the plumbing installations, savinge disposed is plumbing installations, savinge disposed is C. Submitted: Heat Catoulations [] D. Before issuence of a Building Permit s formed as Centificate Heider. 	by THIC complete tests of plans with a materials and optigment to be used and water theinage system. Entercy Concernation Letter	weit pasi showing proposed constr and installed and details of onuc Pict Mag	curso and the loc (max. uction. Plans shall describe the tune, moothenical, electrical and	
E. Sathercia: Front F. Variance data approved: Tax: No.: 15/ - 1-01-025	Sida Sida (N appăcable)	Rear		
	Cocupancy Classif mation is to be completed by an			
House No.: 25 Street: <u>Brid</u> Tract <u>Gran 5/4 woods</u> . Owner: <u>Matthew</u> v 9 Builder: <u>Mcal 4000 v</u> Address: 2	Friera O'Con		zoned: <u>AA</u> 85-248.9430 85-727-4768	
ESTIMATED COST: \$ 10,0 ALTERATIONS and ADDITIONS/DESCR Install out door Hall over existing Wall of home A	Patio en ensta		1. Fee \$ 1. Fee \$ 1. Fee \$ Dther \$	
glass dours strendy		TOTAL PERMIT F	EES \$ 84-	
ENTER DIMENSIONS OF NEW CONSTRU Ground Floor Area 2 nd Floor Area Lower Level Bonus Room Gerge	Porch Porch Dock <u>201 x 281 x 2</u> Pool Arbor/Gazebo Storage/garden shed	7.5 Tall Gas logs/int Gas logs/int Ganerator a Signago	Fill-In Information Net or wood above clead to property	
TOTAL SO. PY. • <u>NOTE:</u> Acceptance does not relieve the provisions of the N.Y.S. building in the plans and specifications subm	agent, applicant, architect, builder, i		ing with any of the	
• NOTE: By my signature betow, I hereby a the above-referenced property, de construction activity: 35 required to activity: 35 required to	uthorizo representativas from the 1	own of Plitsford, Department o		
Signature Of property owner	mo -	Lance 13 De	11	
Signature of spent for property owner	<u> </u>		Micer	

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Certificate of Attestation of Exemption From New York State Workers' Compensation and/or Disability Benefits Insurance Coverage

*This form cannot be used to waive the workers' compensation rights or obligations of any party. **

The applicant may use this Certificate of Attestation of Exemption <u>ONLY</u> to show a government entity that New York State specific workers' compensation and/or disability benefits insurance is not required. The applicant may <u>NOT</u> use this form to show another business or that business's insurance carrier that such insurance is not required.

Please provide this form to the government entity from which you are requesting a permit, license or contract. This Certificate will not be accepted by government officials one year after the date printed on the form.

In the Application of (Legal Entity Name and Address):	Business Applying For: Building Permit
NEAL A. LECLAIR DBA: LECLAIR CONSTRUCTION AND REMODELING	From: TOWN OF PITTSFORD BUILDING DEPT.
22 WILLS RD CHILI, NY 14624 PHONE: 585-727-4768 FEIN: XXXXX6263	The location of where work will be performed is 25 BRIAR PATCH RD., ROCHESTER, NY 14618.
	Estimated dates necessary to complete work associated with the building permit are from June 21, 2011 to August 20, 2011. The estimated dollar amount of project is \$0 - \$10,000

Workers' Compensation Exemption Statement:

The above named business is certifying that it is NOT REQUIRED TO OBTAIN NEW YORK STATE SPECIFIC WORKERS' COMPENSATION INSURANCE COVERAGE for the following reason:

The business is owned by one individual and is not a corporation. Other than the owner, there are no employees, day labor, leased employees, borrowed employees, part-time employees, unpaid volunteers (including family members) or subcontractors.

Disability Benefits Exemption Statement:

The above named business is certifying that it is NOT REQUIRED TO OBTAIN NEW YORK STATE STATUTORY DISABILITY BENEFITS INSURANCE COVERAGE for the following reason:

The business MUST be either: 1) owned by one individual; OR 2) is a partnership (including LLC, LLP, PLLP, RLLP, or LP) under the laws of New York State and is not a corporation; OR 3) is a one or two person owned corporation, with those individuals owning all of the stock and holding all offices of the corporation (in a two person owned corporation each individual must be an officer and own at least one share of stock); OR 4) is a business with no NYS location. In addition, the business does not require disability benefits coverage at this time since it has not employed one or more individuals on at least 30 days in any calendar year in New York State. (Independent contractors are not considered to be employees under the Disability Benefits Law.)

I, NEAL A. LECLAIR, am the Sole Proprietor with the above-named legal entity. I affirm that due to my position with the above-named business I have the knowledge, information and authority to make this Certificate of Attestation of Exemption. I hereby affirm that the statements made herein are true, that I have not made any materially false statements and I make this Certificate of Attestation of Exemption under the penalties of perjury. I further affirm that I understand that any false statement, representation or concealment will subject me to felony criminal prosecution, including jail and civil liability in accordance with the Workers' Compensation Law and all other New York State laws. By submitting this Certificate of Attestation of Exemption to the government entity listed above I also hereby affirm that if circumstances change so that workers' compensation insurance and/or disability benefits coverage is required, the above-named legal entity will immediately acquire appropriate New York State specific workers' compensation insurance and/or disability benefits coverage and also immediately furnish proof of that coverage on forms approved by the Chair of the Workers' Compensation Board to the government entity listed above.

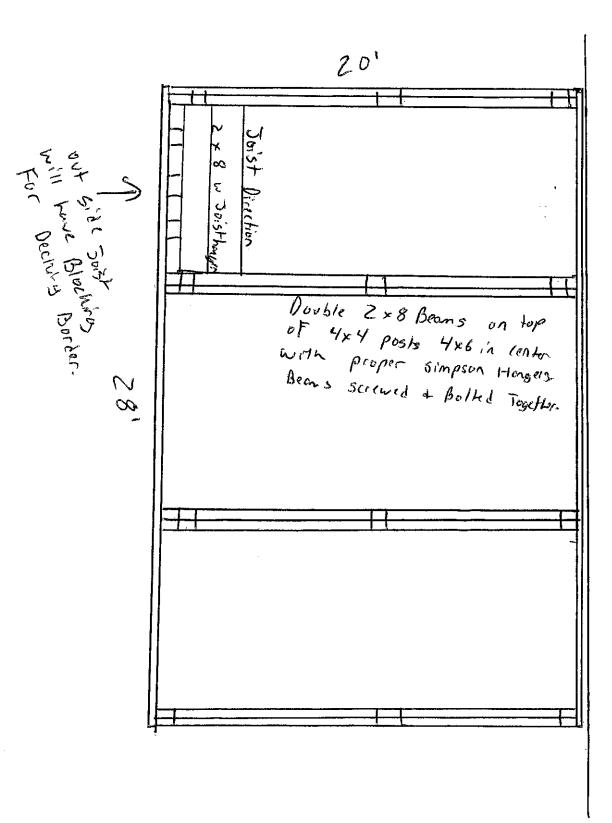
SIGN HERE	Signature:	Date:
Exer	nption Certificate Number 2011-033632	Received June 21/ 2011 NYS Workers Compensation Board

TOWN OF PITTSFORD BUILDING DEPARTMENT REPORT					
$Tax # \frac{51.60}{-6}$					
CERT. OF COMPLAINCE # DATE TYPE OF CONSTRUCTION ASSEMBLY OCCUPANT LOAD SETBACKS: Front Side	CERT. OF OCCUPANCY # DATE: USE/OCCUPANCY CLASS				
DATE	ZONING <u>AA</u>				
TRACT <u>BRAMBLE WOODS</u>	BUILDER NOM USUAR				
SECTION	PHONE # <u>727-4768</u>				
STREET & NO. 25 BRIAR PARH ROND	REVIEWED BY				
OWNER MATTHEW O'CONLOR	DATE <u>6/21/11</u>				
OWNER'S PHONE # みんを - もんい	ELECTRICAL FINAL				
STRUCTURE: TYPE 1 PRAND	SEWER DEPT. OK				
USE Brich New Deck	·				
G.F.A. 1ST FLOOR GARAGE 2ND FLOOR DECK LOWER LEVELSWIMMING POOL BONUS ROOMSHED PORCHGAS/WOOD INSERT GENERATORWOODSTOVE SIGNAGETOTALSGO T	A.R.B CONDITIONS				
NO POWDER ROOMS NO. BATHROOMS LAUNDRY ROOM NO. BEDROOMS NO. FIREPLACES BONUS ROOM FIREPLACE (GAS/WOOD)	Chapter 14 (if required) Smoke Letter Heat Calculations Energy Conservation Letter Site Plan Flood Plain Sprinkler System				
INSPECTIONS: God 41 FOOTINGS God 41 WATER PROOFING God 41 FRAMING God 41 FIREPLACE (GAS/WOOD) GARAGE FOOTING GARAGE FOOTING GARAGE FLOOR DRAIN DECK FOOTINGS GENERATOR LOCATION	PLUMBING: UNDERGROUND ABOVEGROUND SUMP PUMP GRAVITY DRAIN				
VARIANCE DATE FINA	AL INSPECTION DATE:				

 \mathbf{N}

G:\DPW\Planning, Zoning, & Development\Building Dept\Bldg Dept Templates\Inspection sheet (bldg pt).doc

Post set in concrete min 42" Deap holes.



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CERTIFICATE OF COMPLIANCE

#<u>241</u>

BUILDING PERMIT # 203

DATE OF PERMIT ISSUED: June 22, 2011

THIS IS TO CERTIFY THAT THE WORK INVOLVED AT:

ADDRESS: 25 Briar Patch Road

SUBDIVISION: Bramble Woods

LOT #:<u>11</u>

OWNER(S):O'Connor

TAX ACCOUNT NO: 151.10-1-25

- 1. Description of the portion of the structure/work for which the C/C is issued: For the construction of a 560-sq. ft. deck.
- 2. Type of construction: V
- 3. Use and occupancy classification of the structure: Single Family
- 4. Assembly occupant load of the structure: N/A
- 5. Automatic sprinkler system if required: N/A
- 6. Special conditions regarding issuance of the building permit: None

IN THE TOWN OF PITTSFORD, MONROE COUNTY, NEW YORK The above-referenced is completed and is in conformity with the laws of the Town.

September 13, 2011 Date

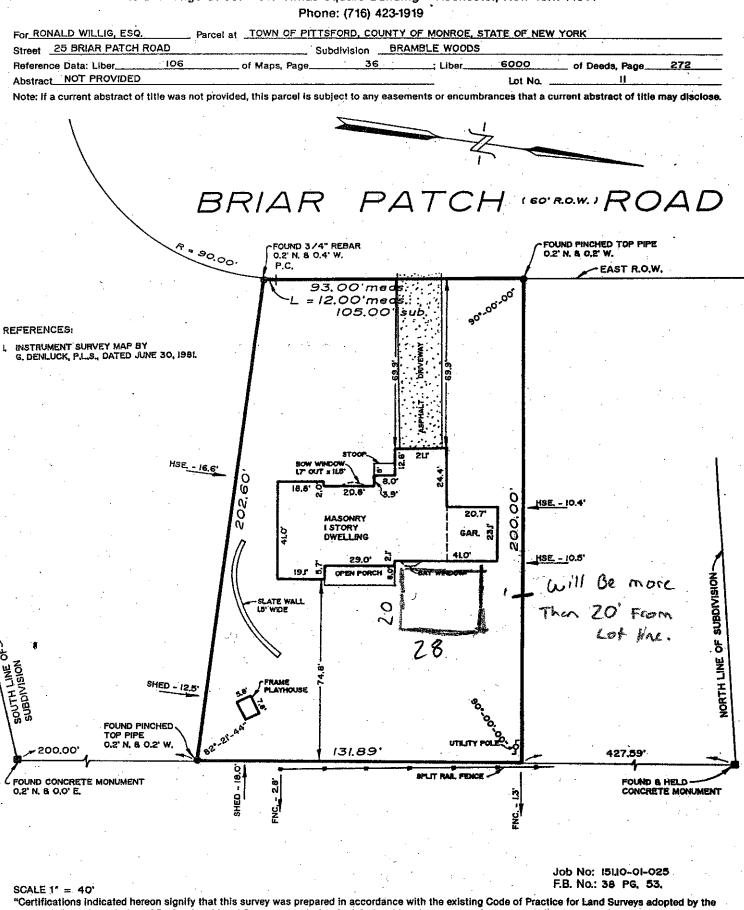
Code)Enforcement Officer

No certification is made with reference to materials or workmanship.

INSTRUMENT SURVEY MAP GREGORY D. BLY

PROFESSIONAL LAND SURVEYOR

45 Exchange Street • 617 Times Square Building • Rochester, New York 14614



"Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors and with the jointly adopted standards of the Monroe County Bar Association and Genesee Valley Land Surveyors Association, Inc.: Said certifications shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners." "Only copies from the original of this survey marked with an original of the land surveyor's inked seal or his embossed seal shall be considered to be valid true copies."

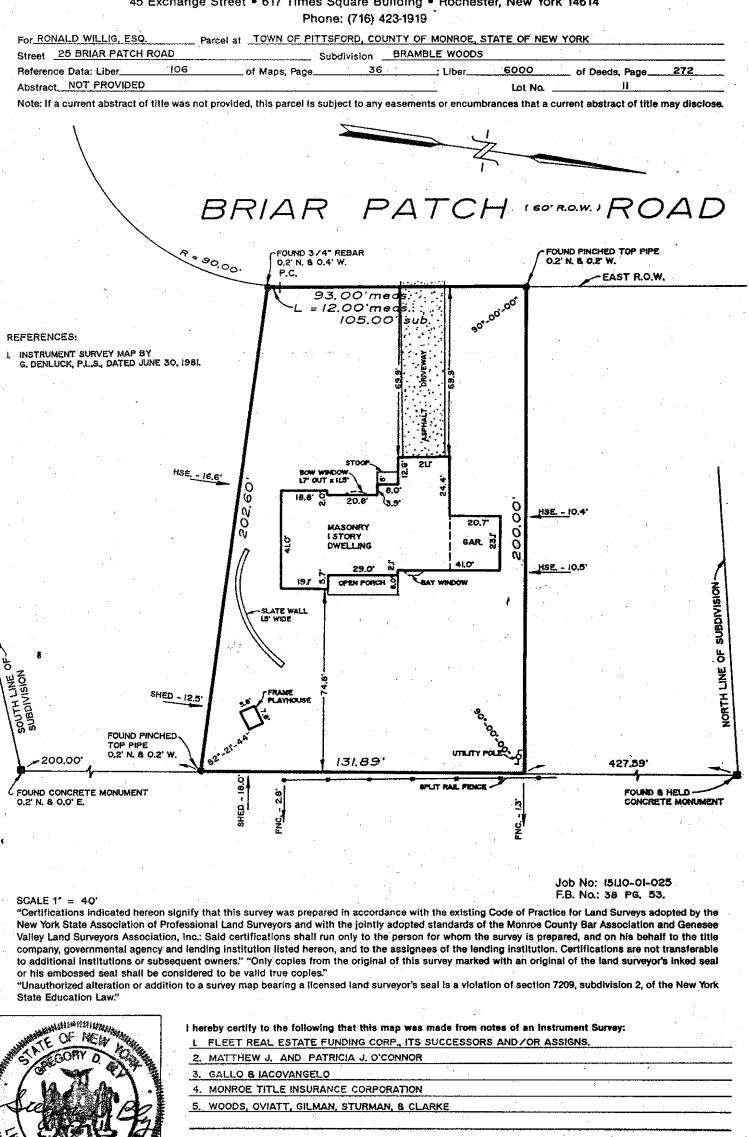
"Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, subdivision 2, of the New York State Education Law."

South of NE As Allen	I hereby certify to the following that this map was made from notes of an instrument Survey: L FLEET REAL ESTATE FUNDING CORP., ITS SUCCESSORS AND /OR ASSIGNS,	•
STA GONY D COM	2. MATTHEW J. AND PATRICIA J. O'CONNOR	· · · · · · · · · · · · · · · · · · ·
I /S W YAT	3. GALLO & JACOVANGELO	
6 ALAA V.I	4. MONROE TITLE INSURANCE CORPORATION	
Step 1 Por	5. WOODS, OVIATT, GILMAN, STURMAN, & CLARKE	
TAL FORDO		
M. 40 0 0 4 9 8 0 1 5 6	Dated JANUARY 31, 1994 Signed Belgorn D. Clu	
THAT LAND SUMMERS	MEMBER: GENESEE VALLEY LAND SURVEYORS ASSN PROFESSIONAL LAND SUF	IVEYOR NO. 049801

INSTRUMENT SURVEY MAP GREGORY D. BLY

PROFESSIONAL LAND SURVEYOR

45 Exchange Street • 617 Times Square Building • Rochester, New York 14614



Signed Belgon Dated JANUARY 31, 1994 MEMBER: GENESEE VALLEY LAND SURVEYORS ASSN

NOFT

MANANA LAN

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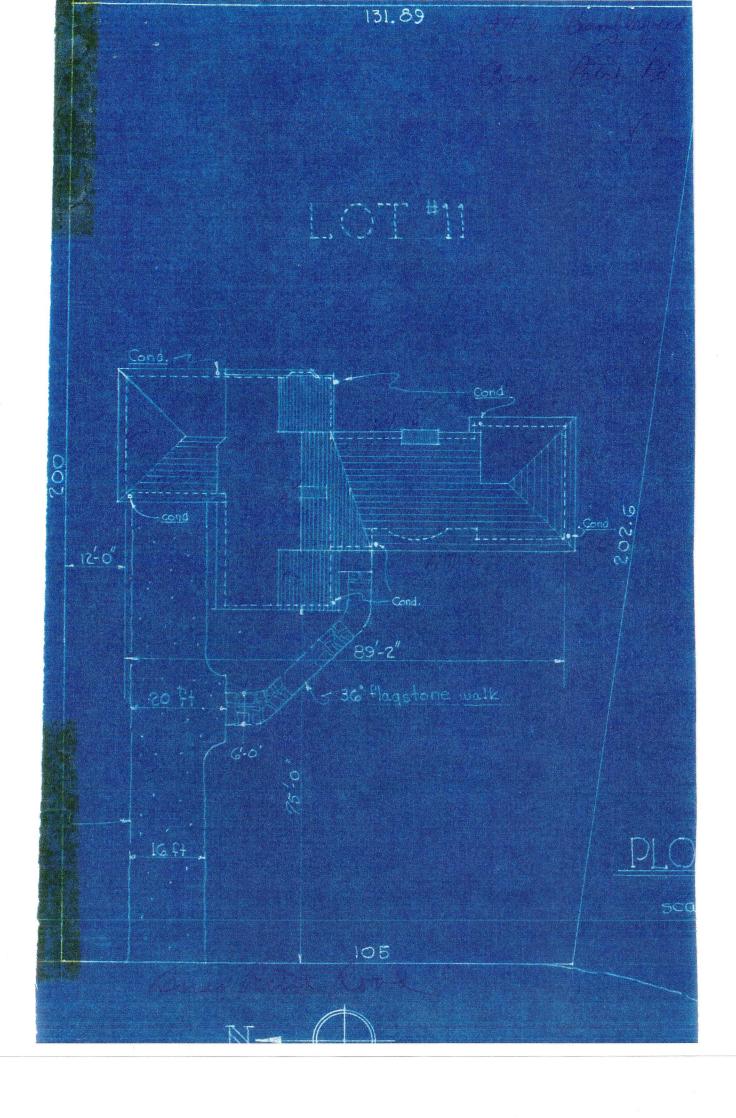
LAND

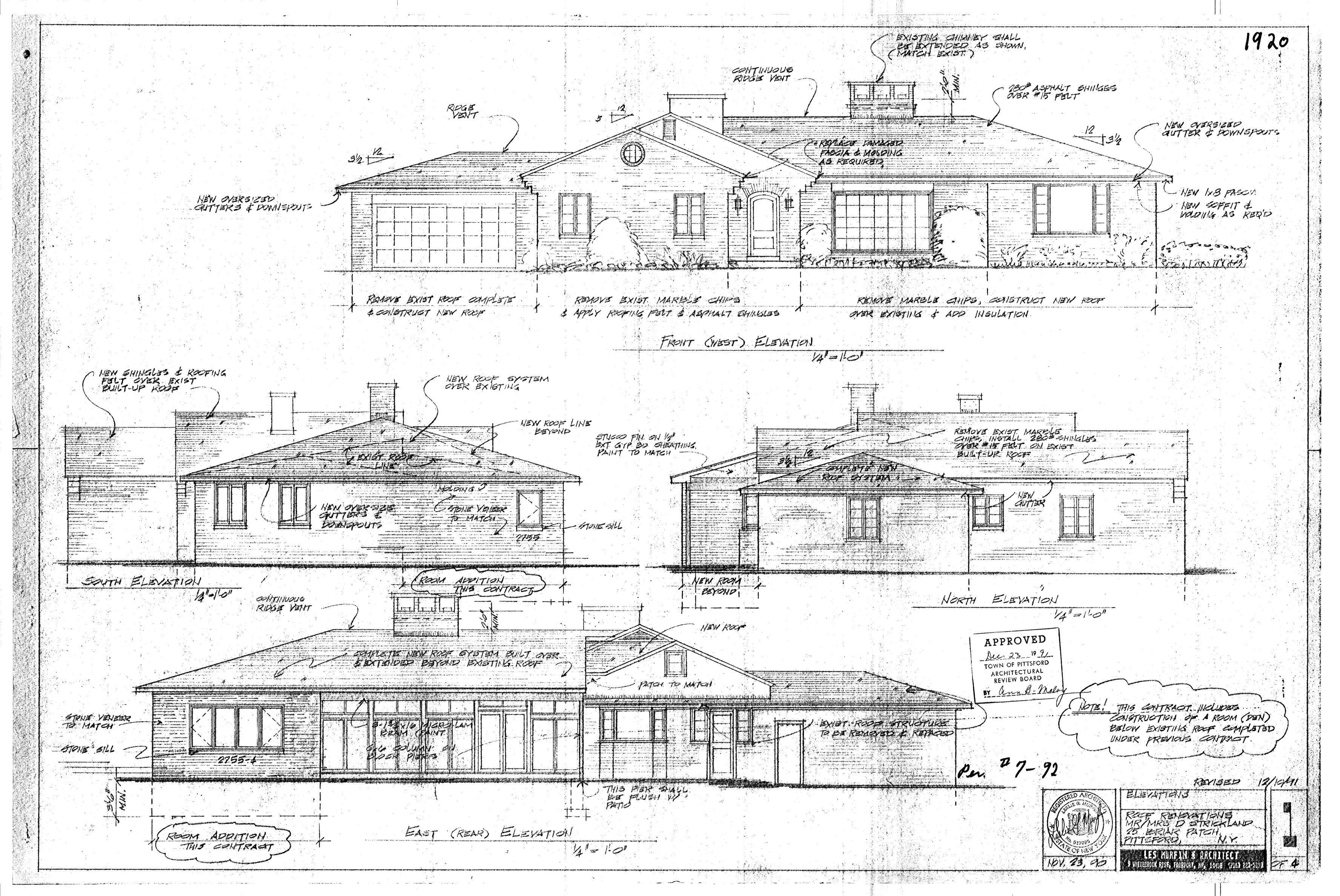
SIR

Emmi

PROFESSIONAL LAND SURVEYOR NO. 049801

D. 82

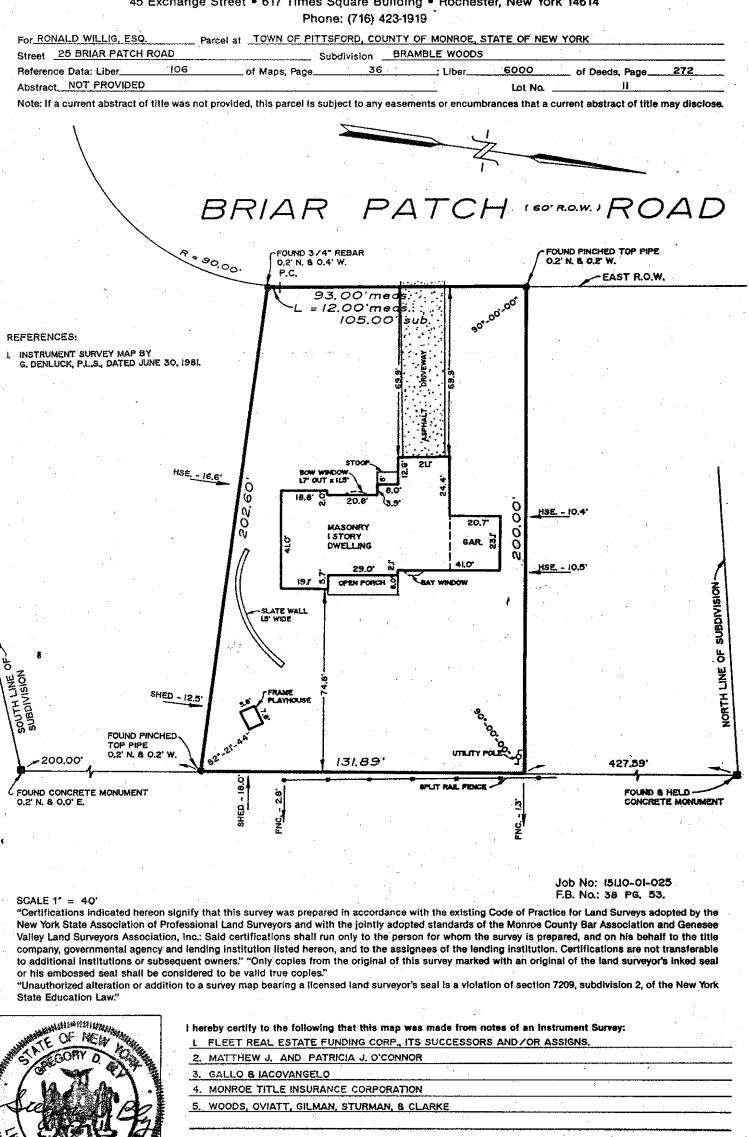




INSTRUMENT SURVEY MAP GREGORY D. BLY

PROFESSIONAL LAND SURVEYOR

45 Exchange Street • 617 Times Square Building • Rochester, New York 14614



Signed Belgon Dated JANUARY 31, 1994 MEMBER: GENESEE VALLEY LAND SURVEYORS ASSN

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PROFESSIONAL LAND SURVEYOR NO. 049801

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