### Design Review & Historic Preservation Board AGENDA October 25, 2023

This agenda is subject to change.

Please take notice that the Town of Pittsford Design Review & Historic Preservation Board will hold the following meeting on Wednesday, October 25, 2023, in the Lower-Level Meeting Room of Pittsford Town Hall, 11 S. Main Street, and beginning at 6:00PM local time.

### HISTORIC PRESERVATION DISCUSSION

### **RESIDENTIAL APPLICATIONS: ADDITIONS & RENOVATIONS**

### 4 Knowlton Lane

Applicant is requesting design review for a 455 square foot second floor addition above the existing garage.

### 4048 East Avenue

Applicant is requesting design review for an 80 square foot porch addition to the front of the home.

### 77 Coventry Ridge

Applicant is requesting design review for an approximately 450 square foot pavilion off the rear of the home.

### **RESIDENTIAL APPLICATIONS: NEW HOMES**

### 9 Bridleridge Farms

Applicant is requesting design review for a new, 3,005 square foot, single-family home in the Bridleridge Farms Subdivision.

### **CERTIFICATE OF APPROPRIATENESS**

### **17 Country Club Road**

Applicant is requesting a Certificate of Appropriateness, pursuant to Town Code Section 185-196, for the demolition of a pool on a Designated Historic Landmark. This property is zoned Residential Neighborhood (RN).

### **DEMOLITION APPLICATIONS**

### 78 State Street

Applicant is requesting approval for the demolition of a 100-year-old detached garage, with the intent to build a new detached garage on the property. This property is zoned Residential Neighborhood (RN).

### COMMERCIAL APPLICATIONS: SIGNS

### 3349 Monroe Avenue – Apple Cinemas

Applicant is requesting design review for 45 square feet of signage in Pittsford Plaza.

### 3350 Monroe Avenue – Sercu Law

Applicant is requesting design review for an approximately 30 square foot sign for a new business.

### 3240 Monroe Avenue – Ethan Allen

Applicant is requesting design review for an approximately 63 square foot sign for Ethan Allen in Pittsford Square.

### INFORMAL REVIEW

### 145 Kilbourn Rd – Oak Hill Country Club

Applicant is requesting informal design review for a new clubhouse at Oak Hill Country Club.

### TOWN OF PITTSFORD DESIGN REVIEW & HISTORIC PRESERVATION BOARD OCTOBER 12, 2023

Minutes of the Town of Pittsford Design Review and Historic Preservation Board meeting held on October 12, 2023, at 6:00PM local time. The meeting took place in the Lower-Level Meeting Room of Pittsford Town Hall, 11 S. Main Street.

- **PRESENT:** Jim Vekasy; John Mitchell; Bonnie Salem; Kathleen Cristman
- ABSENT: Dirk Schneider, Chairman; Dave Wigg, Vice Chairman; Paul Whitbeck
- ALSO PRESENT: Bill Zink, Building Inspector; Robert Koegel, Town Attorney; Meghan Brooks, Building Department Assistant; Cathy Koshykar, Town Board Liaison
- ATTENDANCE: There were 8 members of the public present.

Design Review and Historic Preservation Board (DRHPB) Member Jim Vekasy called the meeting to order at 6:05PM.

### HISTORIC PRESERVATION DISCUSSION

DRHPB Member Bonnie Salem announced that the Board has confirmed Wayne Goodman as the speaker for the 2023 Reception for Owners of Inventoried Homes. Invitations will be extended to the owners of two recently designated homes who can give a first-hand account of the process of becoming designated.

### **RESIDENTIAL APPLICATIONS: ADDITIONS & RENOVATIONS**

### 6 Malm Lane

Applicant is requesting design review for a 600 square foot covered deck off the southeast corner of their home.

Andrea Convery of 6 Malm Lane introduced the application. Ms. Convery stated that there was an old deck attached to the back of her home that was deemed unsafe. Rather than simply replacing it, her hope is to create an outdoor living space by adding a roofed structure to a portion of it. It will be in a craftsman style, and the roofing and siding will match the roofing and siding that she intends to put on the home in the next couple of years. They will be the same color as the current home, but different materials.

Building Inspector Bill Zink informed the Board that the application has already gone through the Zoning Board of Appeals and has received approval for their variance request. The Board briefly discussed the location of the covered deck and the recent addition of a pool next to it.

DRHPB Member Kathleen Cristman motioned to approve the approximately 600 square foot covered deck off the southeast corner of their home as submitted. This motion was seconded by DRHPB Member Bonnie Salem. Following a unanimous voice vote, the application was approved, none opposed.

### **67 Crestview Drive**

Applicant is requesting design review for a 500 square foot covered patio off the rear of the home.

Carl Pierce of Pierce Development introduced the application. Mr. Pierce stated that he will be constructing the structure over the patio. Facia, roof, and soffits will be wrapped and the structure will be shingled to match the existing home. After one year, the wood will be painted. LED lights and a ceiling fan will be installed.

Board Member Salem asked if there will be open space between timbers. Mr. Pierce confirmed that there will be.

DRHPB Member John Mitchell motioned to approve the *5*00 square foot covered patio off the rear of the home as submitted. This motion was seconded by DRHPB Member Kathleen Cristman. Following a unanimous voice vote, the application was approved, none opposed.

### **RESIDENTIAL APPLICATIONS: NEW HOMES**

### 5 Bridleridge Farms

Applicant is requesting design review for a two-story, 2,810 square foot single-family home in the Bridleridge Subdivision.

Jim Connaughton of Spall Homes introduced the application. Mr. Connaughton stated that Bridleridge Farms is the newest neighborhood in Pittsford and will be similar to Coventry Ridge. The style of the house is a transitional design between colonial and country.

Board Member Salem asked why only one section of the second story utilized clapboard. Mr. Connaughton responded that there was no reason in particular. After some discussion, the Board stated their preference for using board and batten for the entire second story rather than introducing clapboard in a singular section.

DRHPB Member Kathleen Cristman motioned to approve the two-story, 2,810 square foot single-family home in the Bridleridge Subdivision as submitted. This motion was seconded by DRHPB Member Bonnie Salem. Following a unanimous voice vote, the application was approved, none opposed.

### 7 Bridleridge Farms

Applicant is requesting design review for a two-story, 3,088 square foot single-family home in the Bridleridge Subdivision.

Jim Connaughton of Spall Homes introduced the application. Mr. Connaughton stated that this home, while similar in style to the one he previously introduced, would have stone on the front and maintain its unique look while remaining complimentary.

Board Member Salem confirmed with Mr. Connaughton that the plan will use four-over-one windows and be centered on the lot. DRHPB Member Jim Vekasy asked if the stonework would turn the corner on the side by the porch entry. Mr. Connaughton stated that it would not.

DRHPB Member John Mitchell motioned to approve the two-story, 3,088 square foot singlefamily home in the Bridleridge Subdivision as submitted. This motion was seconded by DRHPB Member Jim Vekasy. Following a unanimous voice vote, the application was approved, none opposed.

### 41 & 43 Skylight Trail

Applicant is requesting design review for a one-story, two unit townhome in the Alpine Ridge Subdivision. The units are 2,780 and 2,014 square feet respectively.

Bill Arieno of Morrell Builders introduced the application. Mr. Arieno stated that this is one of the last projects left in the subdivision and will follow the same color map that the rest of the homes have followed. There was some discussion on the basements for the townhomes, and Mr. Arieno confirmed that they would not be walkouts.

DRHPB Member Jim Vekasy motioned to approve the one-story, two unit townhome in the Alpine Ridge Subdivision, each unit being 2,780 and 2,014 square feet respectively, as submitted. This motion was seconded by DRHPB Member John Mitchell. Following a unanimous voice vote, the application was approved, none opposed.

### 20 Kerrygold Way

Applicant is requesting design review for a one-story, 5,048 square foot single-family home in the Clover Estates neighborhood.

Jim LeBeau of 20 Kerrygold Way introduced the application. Mr. LeBeau stated that the Board had approved this design years ago for another spot. The siding and bricks may be slightly different than the original plan due to changes in supply but it should be relatively similar to the original.

Board Member Salem remarked that the style is in keeping with the rest of the neighborhood and will look like it was always there. Board Member Vekasy inquired as to whether the brick turned the corner. Mr. LeBeau said that it would not, and that it would be capped with trim.

DRHPB Member John Mitchell asked if the house was really at 5,000 square feet. Mr. LeBeau confirmed that the square footage is all inclusive and includes the basement.

DRHPB Member Bonnie Salem motioned to approve the one-story, 5,048 square foot singlefamily home in the Clover Estates Subdivision as submitted. This motion was seconded by DRHPB Member Kathleen Cristman. Following a unanimous voice vote, the application was approved, none opposed.

### CERTIFICATE OF APPROPRIATENESS

### 35 Long Meadow Circle

Applicant is requesting a Certificate of Appropriateness, pursuant to Town Code Section 185-196, for the exterior painting of a Designated Historic Landmark. This property is zoned Residential Neighborhood (RN).

Board Member Vekasy stated that the public hearing is still open from the previous meeting on September 28, 2023.

Judy Andrews of 35 Long Meadow Circle introduced the application. Ms. Andrews gave a brief overview of her ownership of the home and the work she had done there since moving in. Now she is seeking to repaint her home. She stated that she has done research to try to find the historical color of the property but could not find any definitive information. After careful deliberation, she has decided to go with the colors outlined in the application.

Board Member Salem thanked Ms. Andrews for her prudent stewardship of the historical home.

After asking if any of the members of the public wished to speak on the application, DRHPB Member Jim Vekasy moved to close the public hearing. This motion was seconded by DRHPB Member Bonnie Salem. The resolution for a certificate of appropriateness was read and passed.

### **DEMOLITION APPLICATIONS**

### **105 Ellingwood Drive**

Applicant is requesting approval for complete demolition of their home, with the exception of the garage, with the intent to rebuild a larger home on the property.

Cameron Sformo of Loyal Nine Development introduced the application. Mr. Sformo stated that he had done the reconstruction of the garage a number of years ago and the homeowners have now brought him on for this project. The current home, according to a neighbor, was a Sears home constructed in 1947 by a father and son. The homeowners could not figure out an appropriate way to add an addition to the current home to enlarge it for their family, so they are seeking to demolish the whole structure, with the exception of the new garage, and build a bigger home on the property. The new plans have been designed to avoid having to go for any variances.

DRHPB Member John Mitchell asked if the foundation would also be demolished. Mr. Sformo responded that most of the foundation system would be removed so that it could be dug deeper, except for a portion by the garage that would remain for structural stability.

Board Member Vekasy asked for clarification on the demolition process from Robert Koegel, the Town Attorney. Mr. Koegel stated that the Board's job for this meeting is to decide whether or not the application should go through the full demolition process or be exempt from it. He summarized that an exemption should only be made if the Board deems that the structure does not contribute to the existing character of the neighborhood, Town, or historic district (if applicable), by virtue of the structure's architectural or historic resources.

Board Member Salem stated that she feels that the home does contribute to the existing neighborhood. Board Member Vekasy asked her if there is any historic significance to the

property. She responded that it is not inventoried or designated, and it is not located in a historic district. Board Member Mitchell added that there is another Sears house in Town that is a designated historic landmark.

Homeowner Dave Finger introduced himself and restated his family's reasons for needing a larger home while desiring to stay in the neighborhood, which they love. He added that they wish to invest in this property and have already done new trim and siding on the existing home to keep up the exterior appearance, but structurally the home needs a lot of work, and his family needs more space. The new home would be similar on the exterior to what is there now but have some craftsman stone elements added.

There was some discussion on the project's timeline and review process, during which Board Members Salem and Cristman reiterated the opinion that the application does not meet the exemption requirements.

DRHPB Member John Mitchell made a motion that the application to demolish the home at 105 Ellingwood Drive not be exempt from the full Board review process. This motion was seconded by DRHPB Member Bonnie Salem. Building Department Assistant Meghan Brooks made a roll call. The DRHPB voted as follows:

Absent
Absent
Absent
Aye
Aye
Aye
Aye

The application for 105 Ellingwood Drive will be returning for full demolition review on Thursday, November 9, 2023.

### **OTHER DISCUSSION**

The minutes of September 28, 2023, were approved following a motion by DRHPB Member Bonnie Salem. This motion was seconded by DRHPB Member Jim Vekasy. Following a unanimous voice vote, the minutes were approved, none opposed.

Design Review and Historic Preservation Board Member Jim Vekasy closed the meeting at 7:38PM.

Respectfully submitted,

Meghan Brooks Building Department Assistant

OFFICIAL MINUTES ARE ON FILE IN THE OFFICE OF THE BUILDING DEPARTMENT

## Town of Pittsford

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

Permit # B23-000119

### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 4 Knowlton Lane ROCHESTER, NY 14618 Tax ID Number: 151.06-1-54.11 Zoning District: RN Residential Neighborhood Owner: Condon, James T Applicant: Stahl Property Associates

### Application Type:

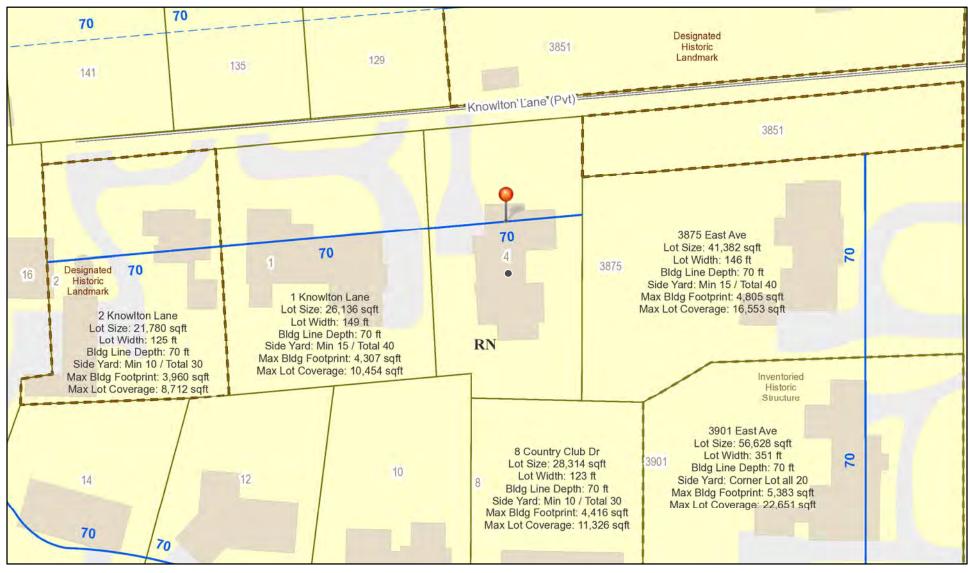
- Residential Design Review §185-205 (B)
- Commercial Design Review §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- Building Height Above 30 Feet
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

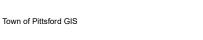
**Project Description:** Applicant is requesting design review for a 455 square foot second floor addition above the existing garage.

Meeting Date: October 25, 2023

### **RN** Residential Neighborhood Zoning



Printed October 18, 2023



1:1,128

180 ft

50 m

90

25

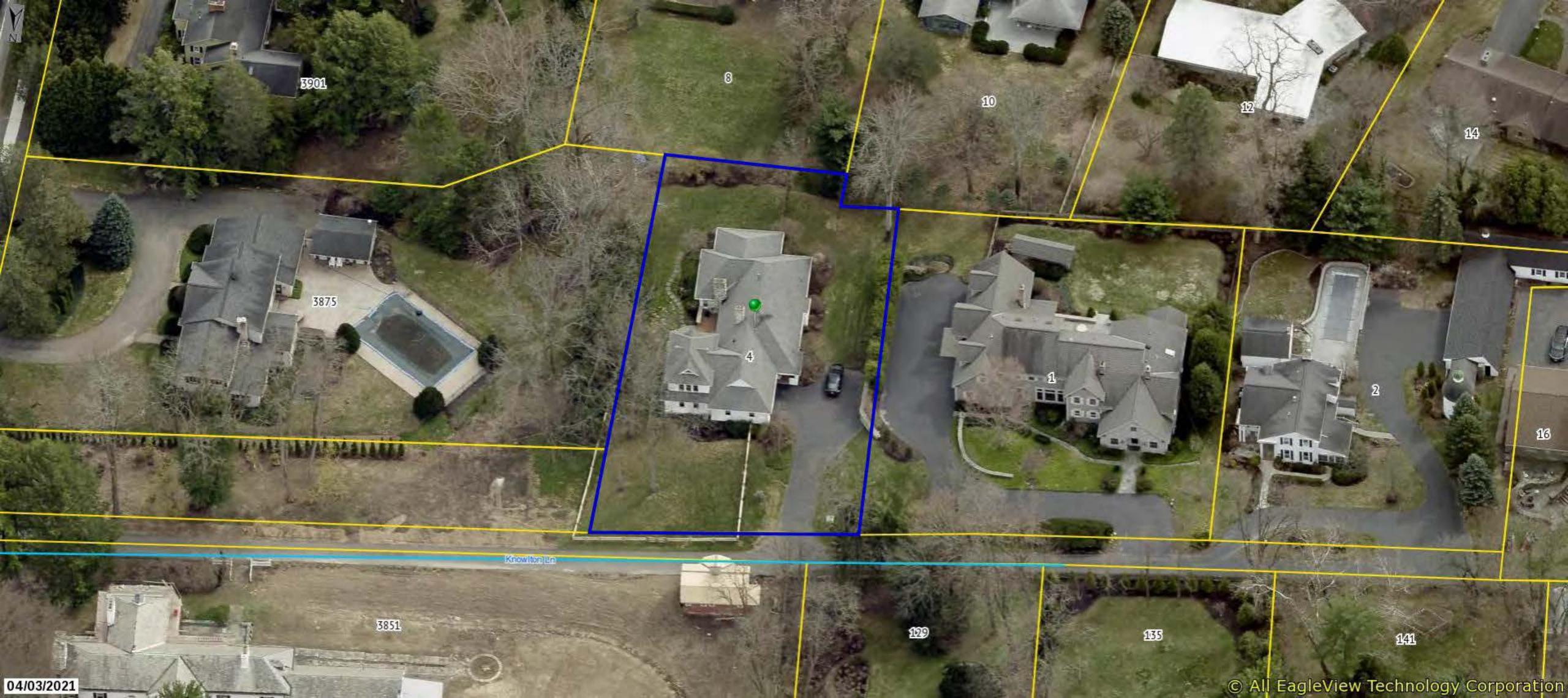
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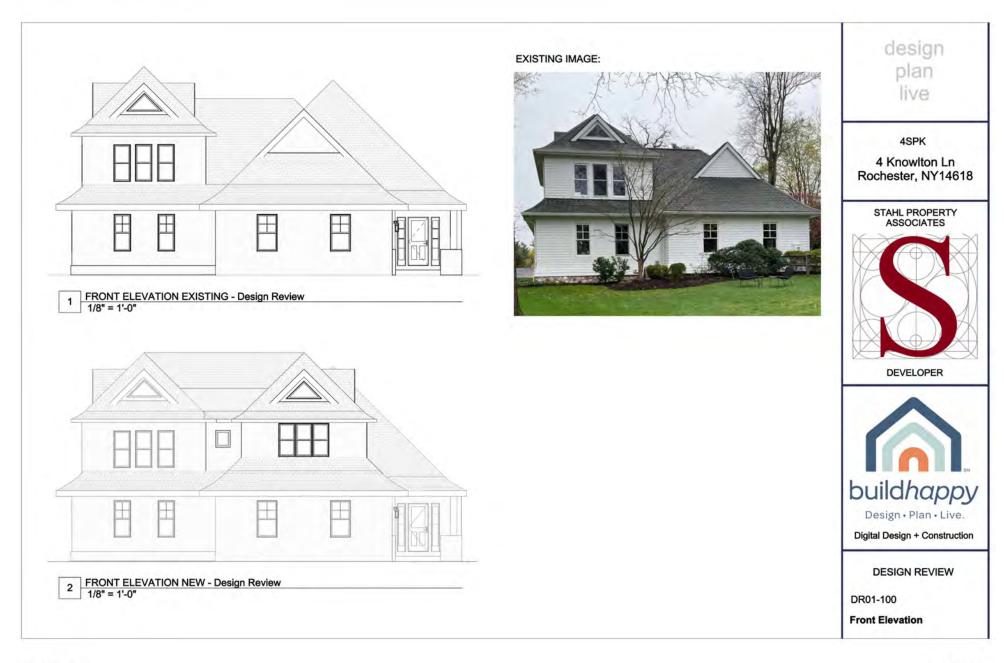
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AUTODESK Viewer

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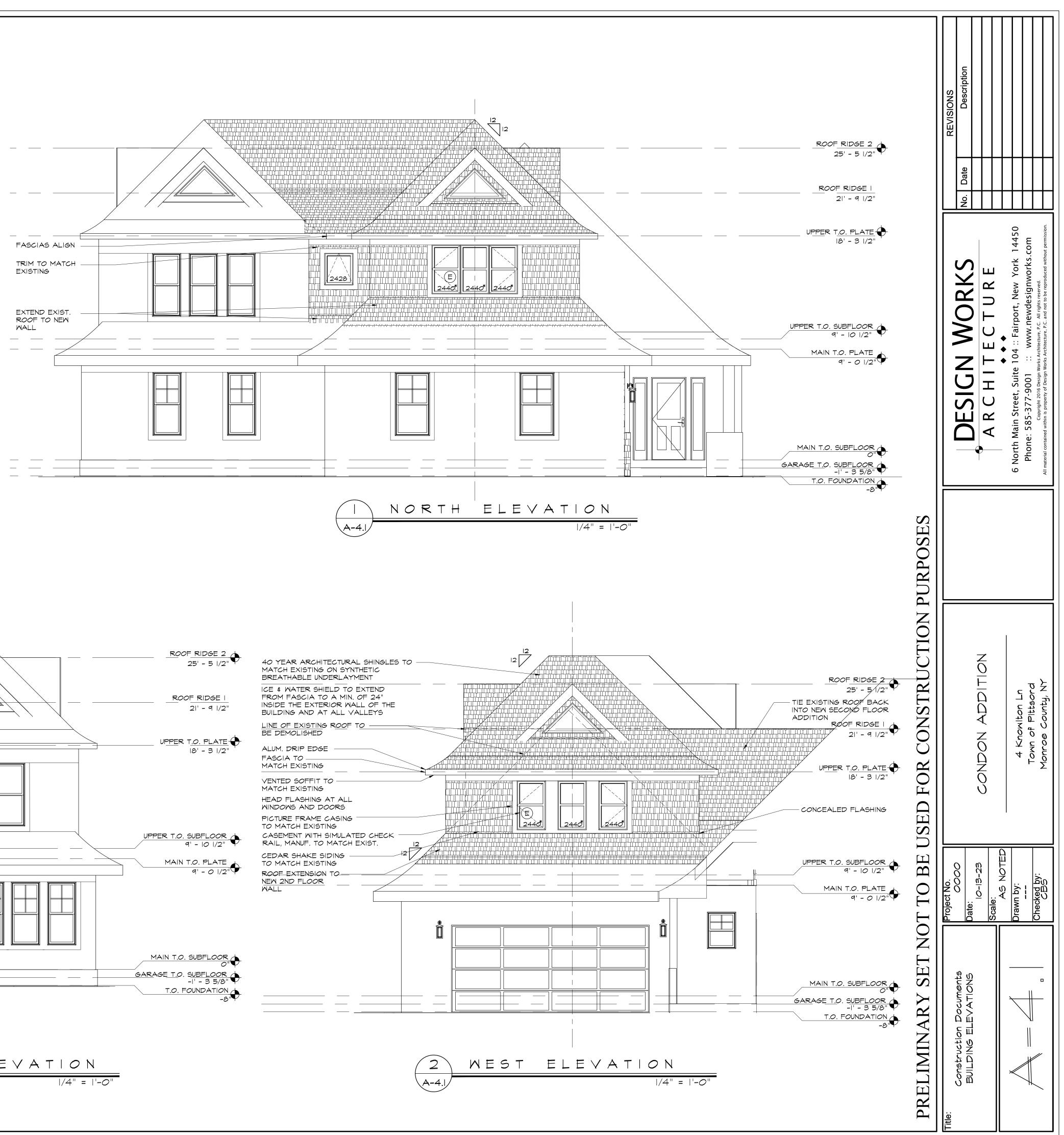


#### AUTODESK

ELEVATION NOTES:

- I. GUTTERS AND DOWNSPOUTS ARE NOT SHOWN FOR CLARITY. DOWNSPOUTS SHALL BE LOCATED TOWARDS THE FRONT AND REAR OF THE HOUSE. LOCATE DOWNSPOUTS IN A NON-VISUALLY OFFENSIVE LOCATIONS.
- 2. PLUMBING AND HVAC VENTS SHALL BE GROUPED IN ATTIC TO LIMIT ROOF PENETRATIONS AND TO BE LOCATED AWAY FROM PUBLIC VIEW. I.E. AT THE REAR OF THE HOUSE AND SHALL BE PRIMED AND PAINTED TO MATCH ROOF COLOR.
- 3. WINDOWS MANUFACTURER TO MATCH EXISTING.
- 4. WINDOW TAGS ON PLANS AND ELEVATIONS THAT HAVE AN "E" OR "T" BESIDE ITS DESIGNATION ARE TO DENOTE "EGRESS" OR "TEMPERED" AS BEING REQUIRED.
- 5. ALL FINISH COLORS FOR WINDOWS AND FRAMES TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
- 6. CONTRACTOR TO VERIFY ALL WINDOW SIZES AND QUANTITIES PRIOR TO ORDERING.
- 7. INSTALL MEMBRANE UP MIN. 12" ON WALLS AT INTERSECTING ROOFS.
- 8. MAINTAIN MANUFACTURER'S RECOMMENDED OFFSET OF SIDING TO GRADE OR ROOF SURFACE.





Letter View

## Town of Pittsford

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

Permit # B23-000136

### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD **REFERRAL OF APPLICATION**

Property Address: 4048 East Avenue ROCHESTER, NY 14618 Tax ID Number: 151.10-1-7 Zoning District: RN Residential Neighborhood **Owner:** Coughlin, Daniel M **Applicant:** Owens Home Services

### Application Type:

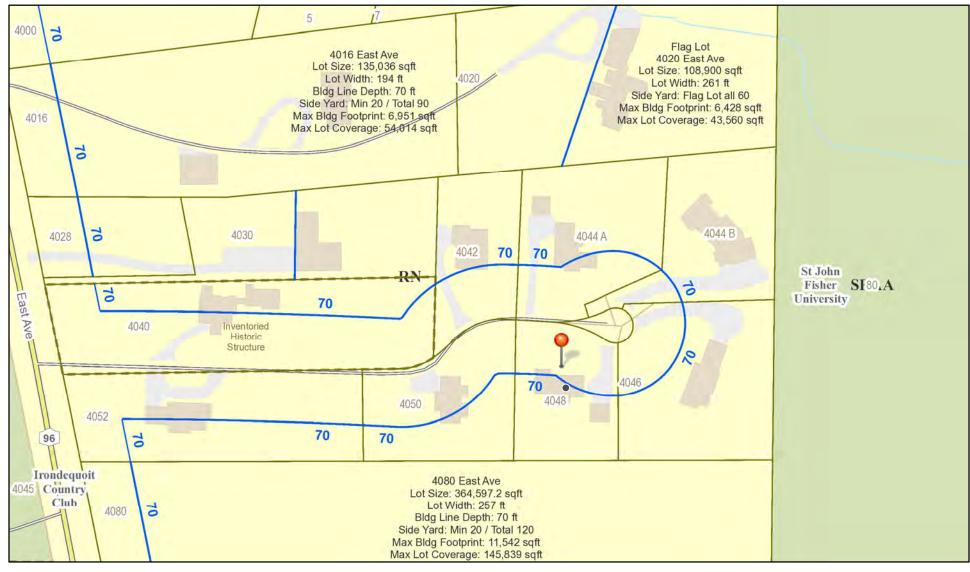
- **Residential Design Review**  $\checkmark$ §185-205 (B)
- **Commercial Design Review**
- $\Box$ §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness []
- §185-197
- Landmark Designation  $\square$
- §185-195 (2)
- □ Informal Review

- Build to Line Adjustment  $\square$ §185-17 (B) (2)
- Building Height Above 30 Feet
- $\square$ §185-17 (M)
- **Corner Lot Orientation**
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements  $\square$ 
  - §185-17 (L) (2)

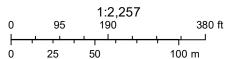
Project Description: Applicant is requesting design review for an 80 square foot porch addition to the front of their home.

Meeting Date: October 25, 2023

### **RN** Residential Neighborhood Zoning



Printed October 18, 2023

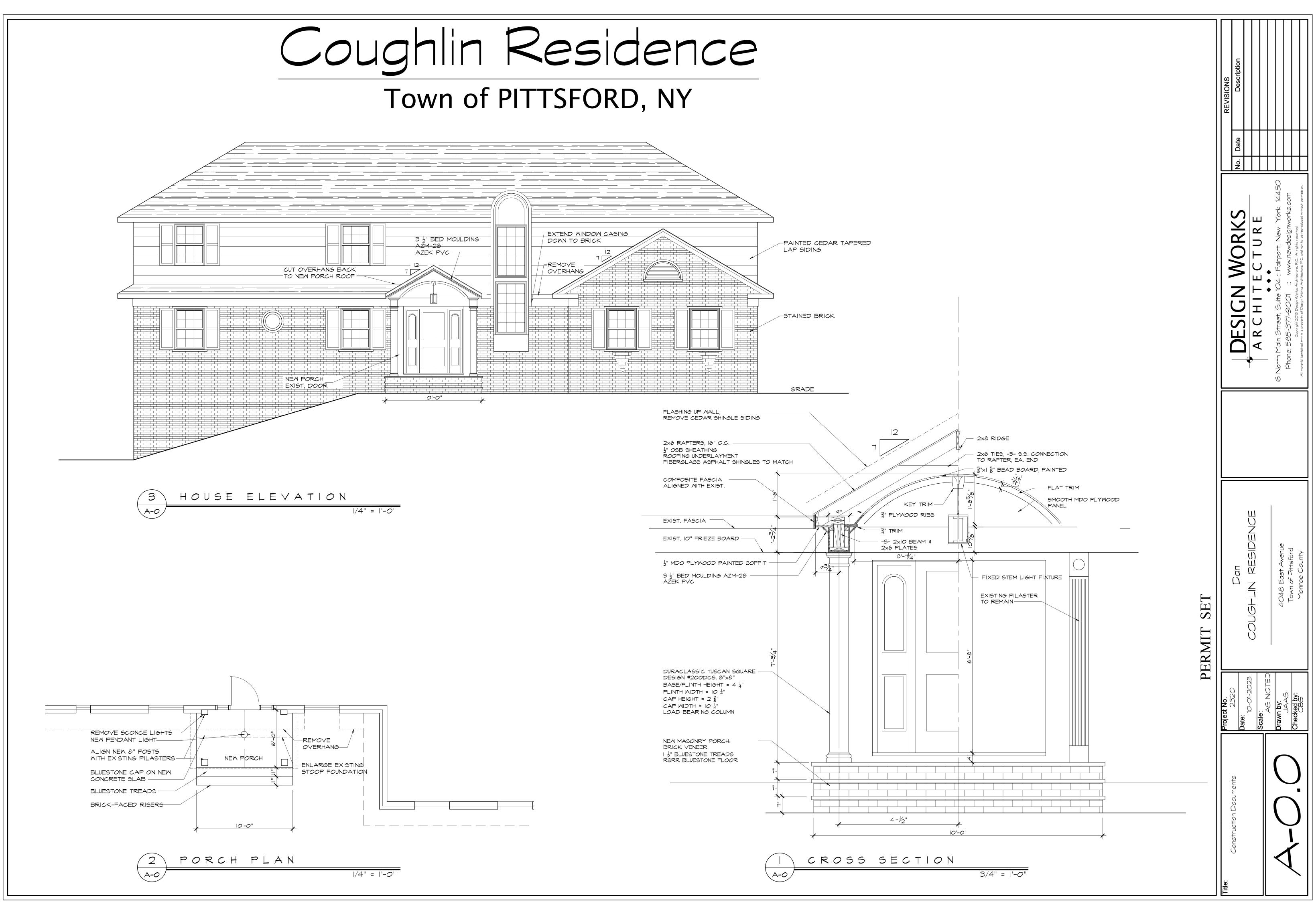


Town of Pittsford GIS

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## Town of Pittsford

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

Permit # B23-000134

### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 77 Coventry Ridge , Tax ID Number: 84228792 Zoning District: Owner: Clover St. Development Corp. Applicant: Cadre Curbing, LLC

### Application Type:

- Residential Design Review §185-205 (B)
- Commercial Design Review
- §185-205 (B) Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

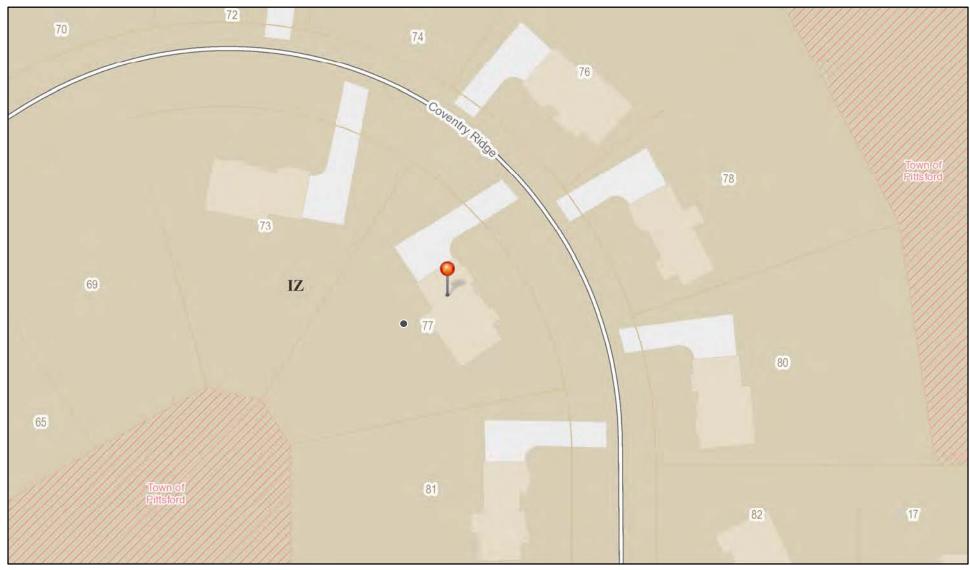
- Build to Line Adjustment §185-17 (B) (2)
- Building Height Above 30 Feet
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

**Project Description:** Applicant is requesting design review for an approximately 450 square foot pavilion off the rear of the home.

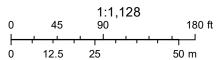
Meeting Date: October 25, 2023



## **RN** Residential Neighborhood Zoning



Printed October 19, 2023



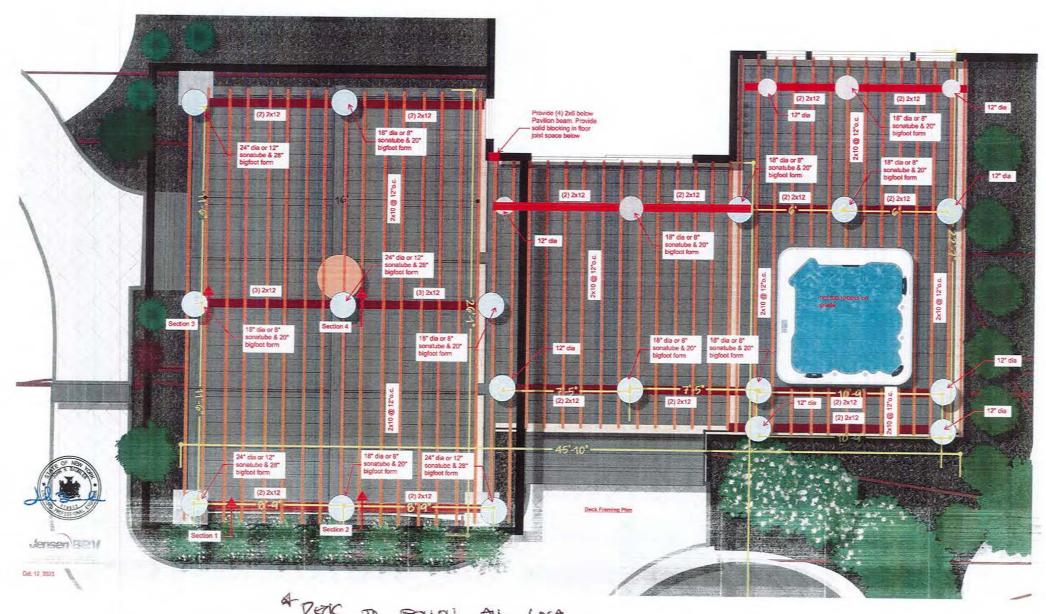
Town of Pittsford GIS

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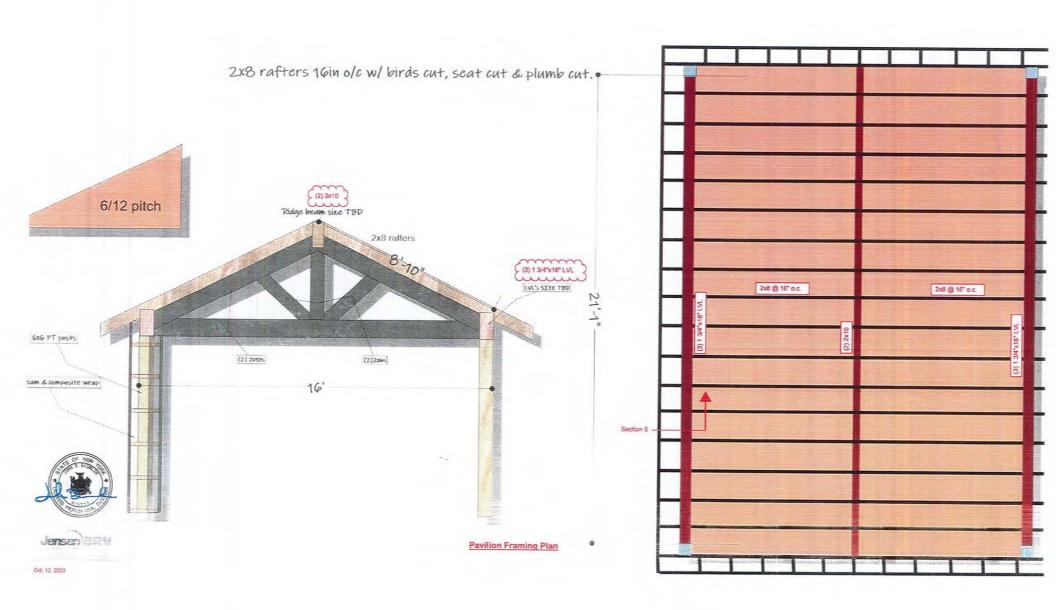


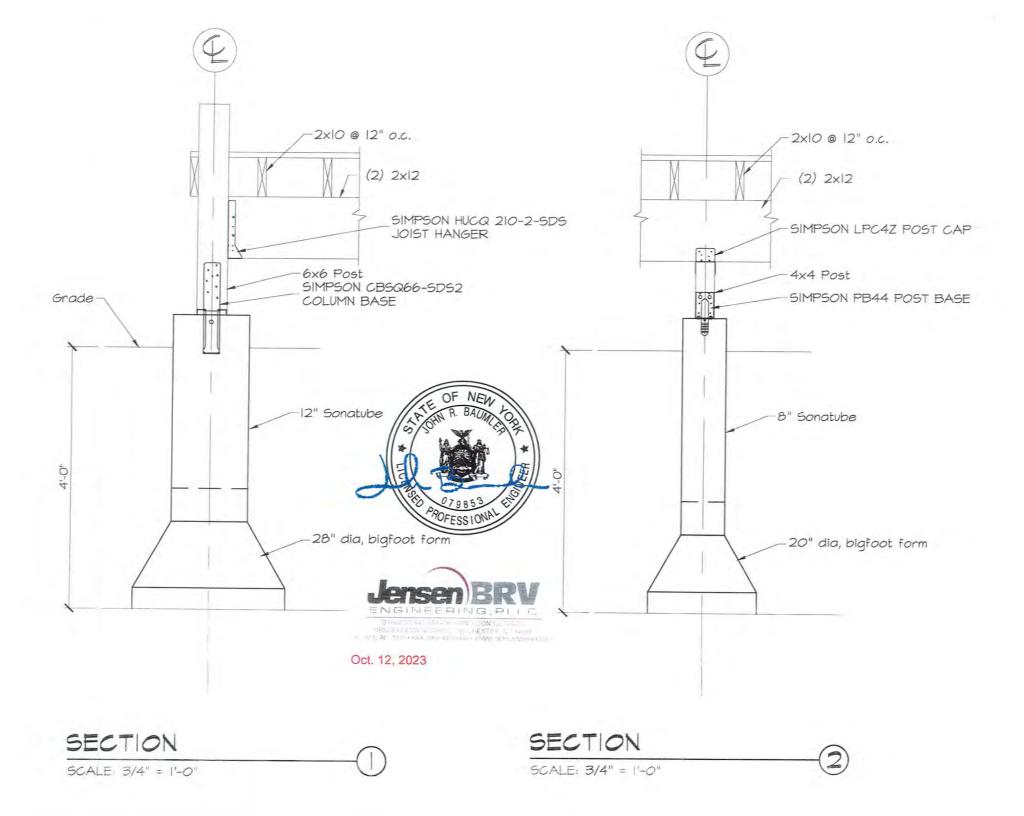


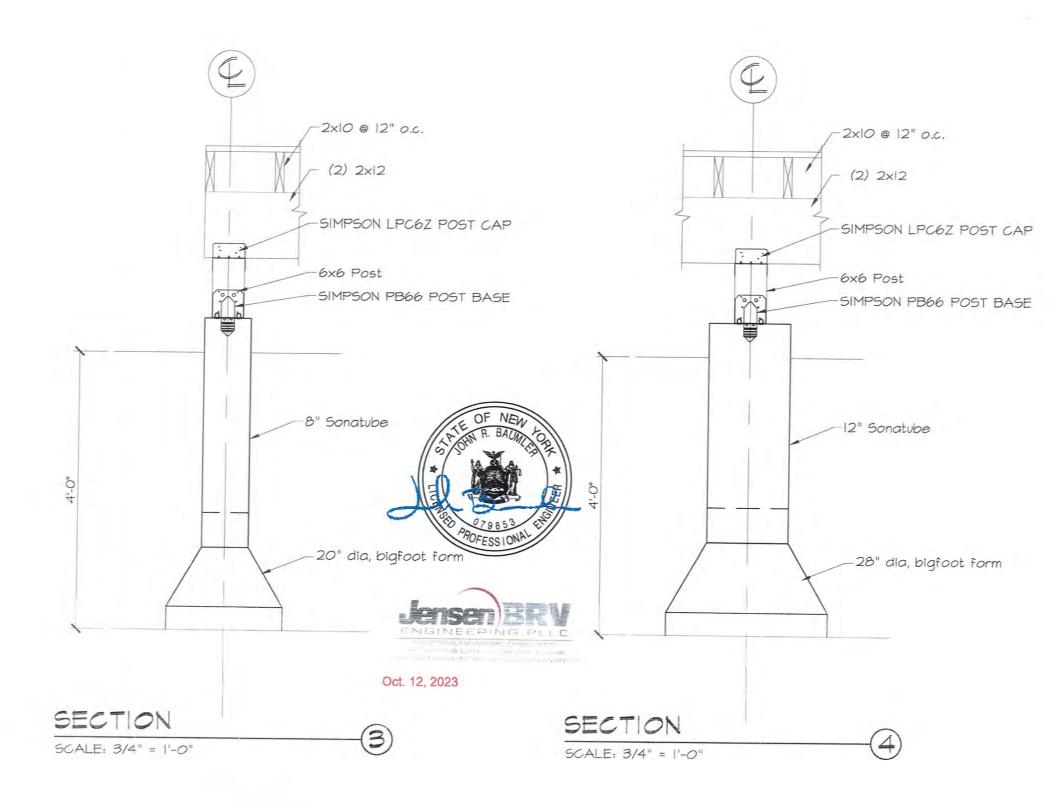


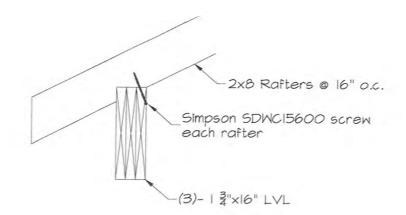


A REAC TO POLLOW ALL LOCAL BMILDIALD CODES.









5

SECTION

SCALE: 3/4" = 1'-0"





Oct. 12, 2023

## Town of Pittsford

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

Permit # B23-000138

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

## **DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION**

Property Address: 9 Bridleridge Farms	Pittsford, NY	14534
Tax ID Number: 191.01-1-80		
Zoning District:		
Owner:		
Applicant: Bridleridge Building Corp		

### **Application Type:**

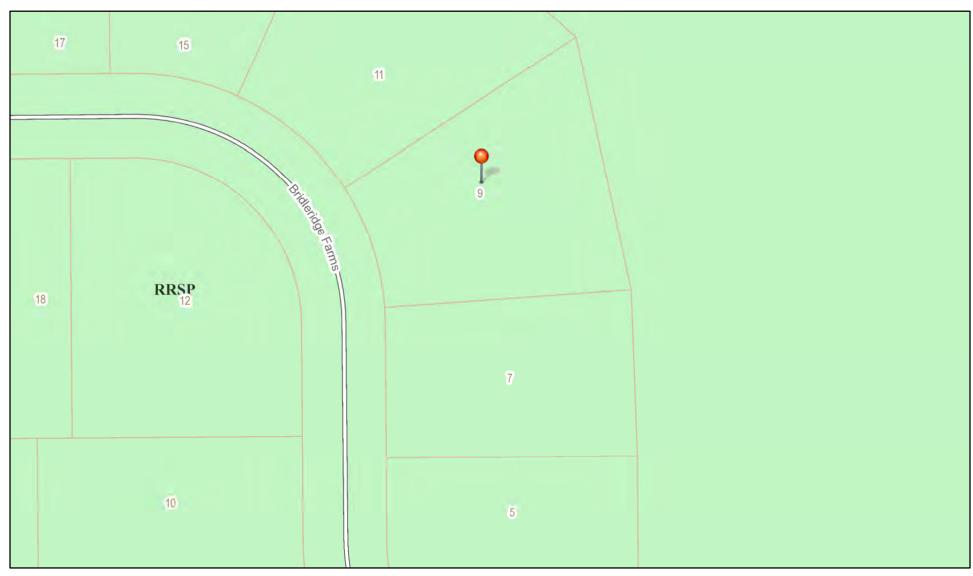
- **Residential Design Review** §185-205 (B)
- **Commercial Design Review**
- §185-205 (B) Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- **Building Height Above 30 Feet**
- §185-17 (M)
- **Corner Lot Orientation**
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- **Undeveloped Flag Lot Requirements**
- §185-17 (L) (2)

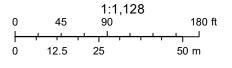
**Project Description:** Applicant is requesting design review for a new, 3,005 square foot, single-family home in the Bridleridge Farms Subdivision.

Meeting Date: October 25, 2023

**RN** Residential Neighborhood Zoning



Printed October 19, 2023



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

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

# ALT. LATTIMORE SPEC LOT 3 BRIDLERIDGE FARMS PITTSFORD, NY COVENTRY RIDGE BUILDING CORP. PLAN 3005 / PROJECT 15399 C

## SHEET INDEX

C-1 COVER SHEET

1/6 FRONT & RIGHT ELEVATIONS

2/6 REAR & LEFT ELEVATIONS

3/6 FOUNDATION PLAN

4/6 FIRST FLOOR PLAN

5/6 SECOND FLOOR & ROOF PLAN

6/6 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

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

FLOOD HAZARD ROOF TIE DOWN REQUIREMENTS 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  $E \times 10^{6} - 1.9$ Fc<sup>1</sup> = 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.

CATEGORY B

42 INCHES

SEVERE

WIND SPEED

SLIGHT TO MODERATE NONE TO SLIGHT 1 DEGREE REQUIRED 24" INSIDE OF EXTERIOR WALL LINE FIRM - 2008

2500 P.S.F. AT MINIMUM

115 MPH, EXPOSURE B

42" BELOW FINISHED GRADE

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. - TYPE V WOOD FRAME CONSTRUCTION BASED ON SECTION 602 OF THE 2020 BCNYS - REFLECTIVE RED PANTONE (PMS) #187 - REFLECTIVE WHITE

1/2" STROKE DESIGNATION FOR STRUCTURAL. COMPONENTS THAT ARE OF TRUSS CONSTRUCTION

FLOOR FRAMING, INC.

GIRDERS & BEAMS

ROOF FRAMING "FR" | FLOOR & ROOF FRAMING

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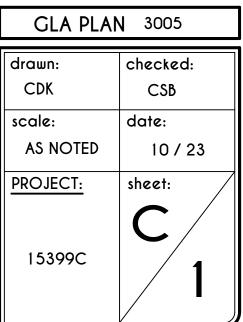
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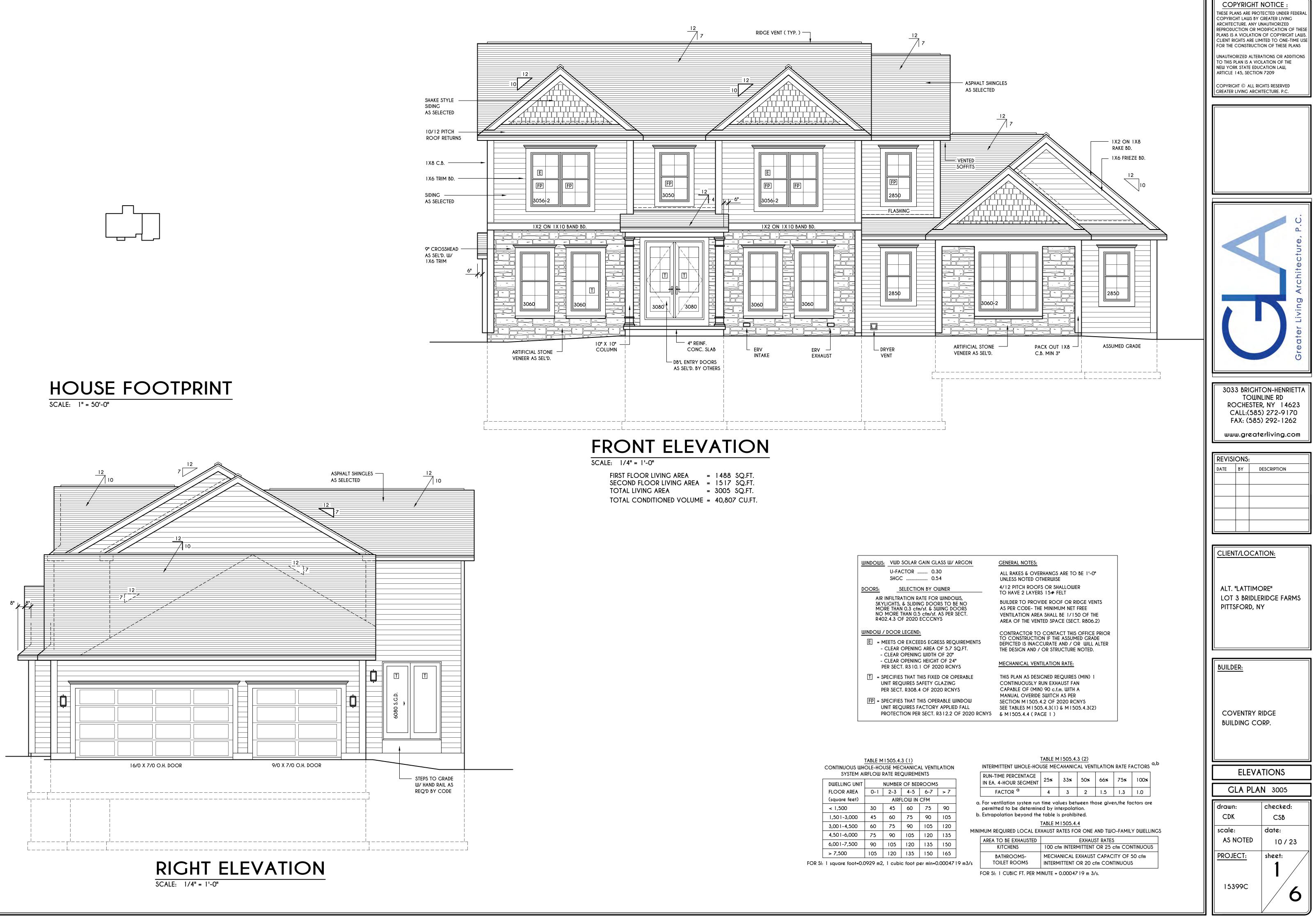


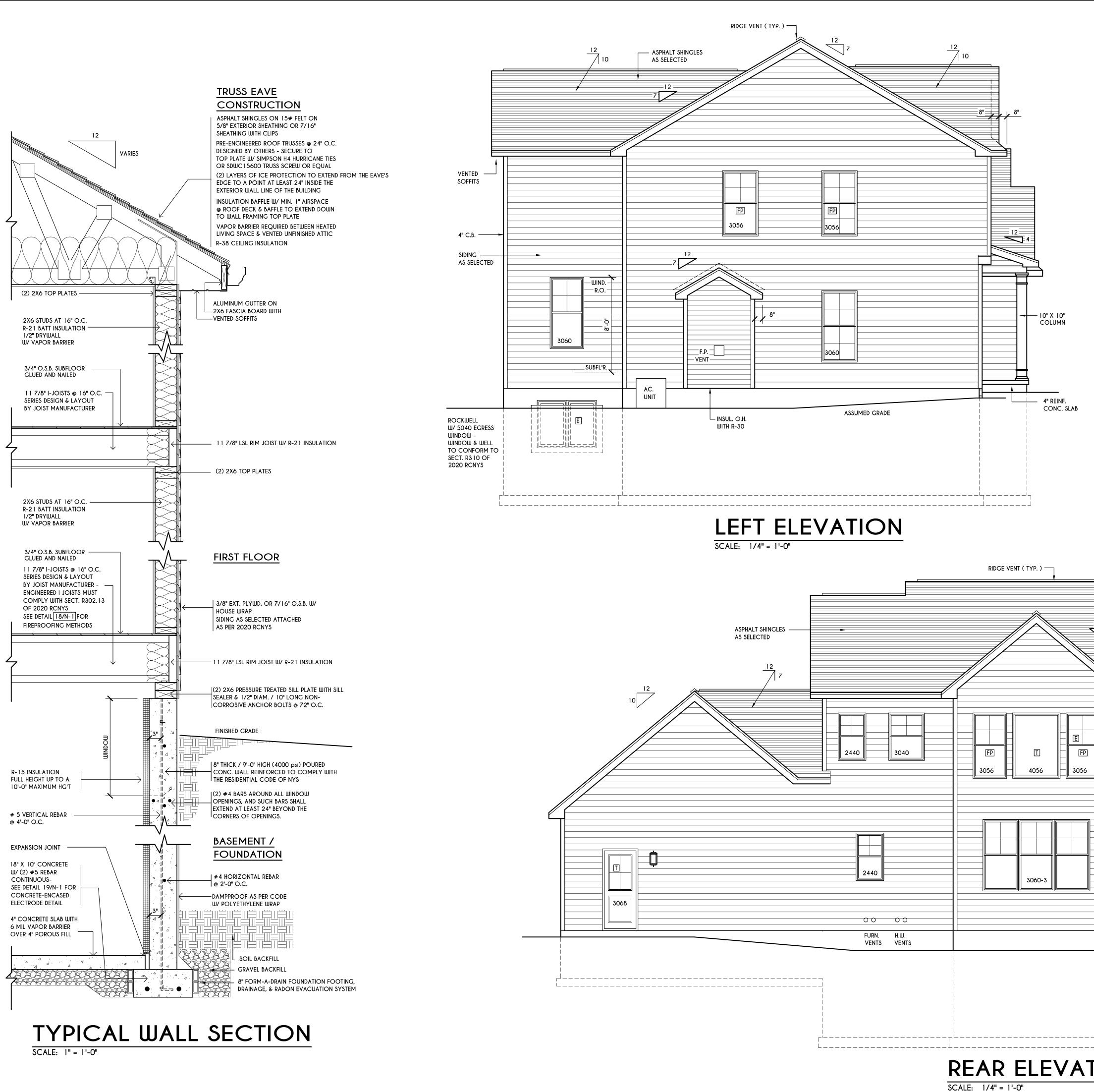
BUILDER:

COVENTRY RIDGE BUILDING CORP.

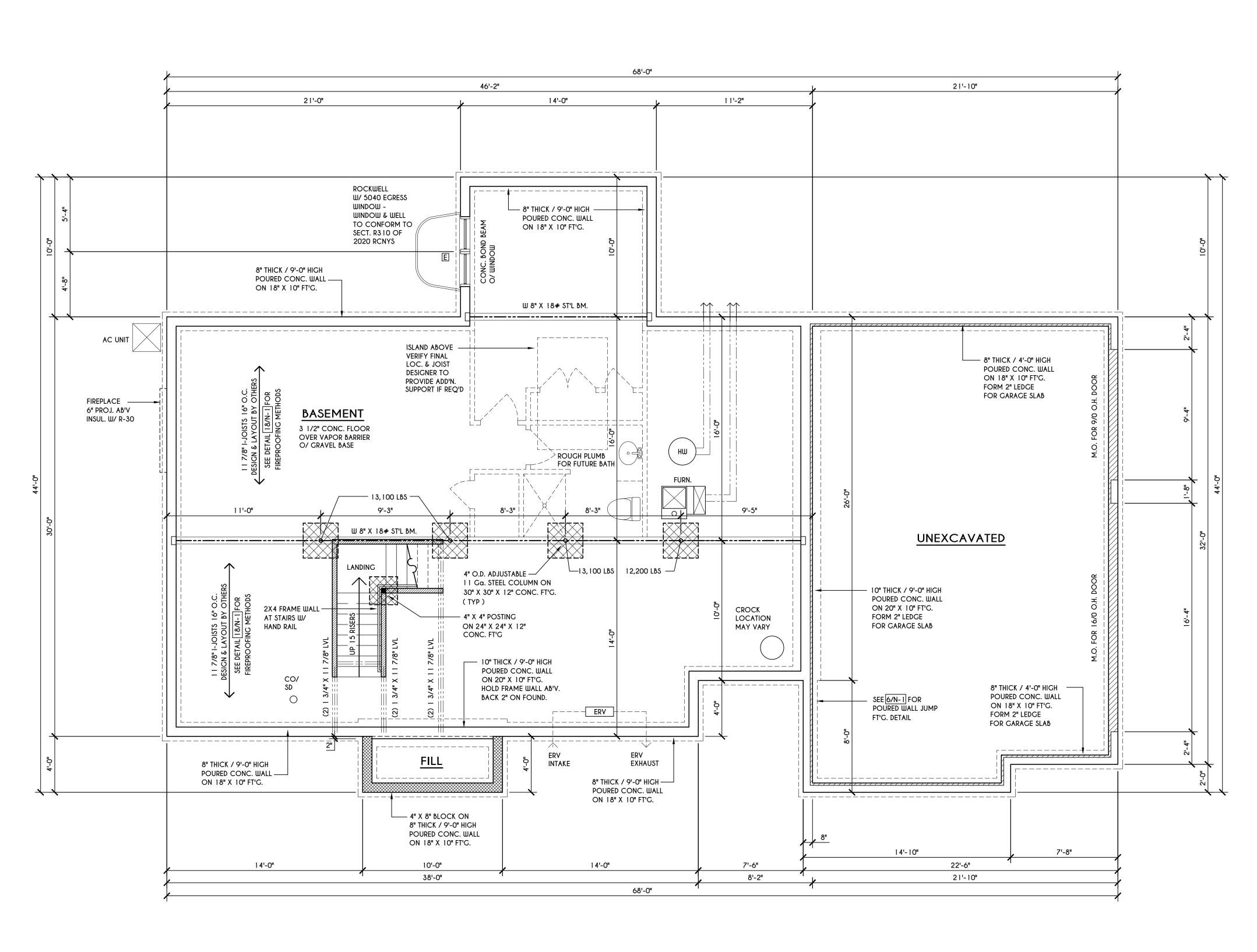
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12			
2440	E FP 3056	VENTED SOFFITS 4" C.B. SIDING AS SELECTED	CLIENT/LOCATION: ALT. "LATTIMORE" LOT 3 BRIDLERIDGE FARMS PITTSFORD, NY
WIND R.Ο R.Ο SUBFL'R	5060	6"	BUILDER: COVENTRY RIDGE BUILDING CORP.
ASSU	IMED GRADE	AC. UNIT	ELEVATIONS GLA PLAN 3005
		 	drawn:checked:CDKCSBscale:date:AS NOTED10 / 23PROJECT:sheet:2
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# ENGINEERED FL'R JOIST NOTE: ALL ENGINEERED FLOOR JOISTS TO BE DESIGNED BY & LAYOUT TO BE DONE BY MANUFACTURER TO THE SPECS BELOW:

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, ===== - DROPPED HEADER  $\equiv$   $\equiv$   $\equiv$   $\equiv$  = FLUSH HEADER

FRAMING LEGEND:

# BASEMENT & FOUNDATION PLAN

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

### GENERAL FOUNDATION / BASEMENT NOTES:

CONTRACTOR TO CONTACT THIS OFFICE PRIOR TO CONSTRUCTION IF THE ASSUMED GRADE DEPICTED IS INACCURATE AND / OR WILL ALTER THE FOUNDATION DESIGN AND /OR STRUCTURE NOTED ALL WINDOW R.O. HGT'S TO BE 6'-10 1/2" U.N.O.

- WHERE EMERGENCY ESCAPE & RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44" ABOVE FLOOR. THE MIN. HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQ. FT. WITH A MINIMUM HORIZONTAL PROJECTION & WIDTH OF 36"
- PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS DOWN TO FOUNDATION WALL AND / OR BEAMS PROVIDE DB'L JACK STUDS EA. SIDE OF LOAD BEARING OPENINGS > / = 4'-0" ALL ANGLES TO BE 45 DEG. U.N.O.
- ALL EXTERIOR WINDOW & DOOR HEADERS TO HAVE MIN. R-5 INSUL. & TO BE MIN. (2)2X8'S OR (3)2X6'S (U.N.O.) ALL APPLIANCES SHOWN TO BE BY OWNER OR AS PER CONTRACT BY BUILDER

SMOKE (SD) & HEAT DETECTOR (HD), SHALL BE INSTALLED AS PER SECT. R314 OF 2020 RCNYS CARBON MONOXIDE ALARMS SHALL BE INSTALLED AS PER SECT. 915.33 FCNYS & BE WITHIN 10' OF ALL SLEEPING AREAS REINFORCE FOUNDATION WALLS AS PER 2020 RCNYS. SEE PG. N-2 FOR REINFORCING CHARTS SEE CONCRETE-ENCASED ELECTRODE DETAIL 19/N-1

### WINDOW / DOOR LEGEND:

- CLEAR OPENING AREA OF 5.7 SQ.FT. - CLEAR OPENING WIDTH OF 20" - CLEAR OPENING HEIGHT OF 24"
- T = SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING
- FP = SPECIFIES THAT THIS OPERABLE WINDOW PER SECT. R312.2 OF 2020 RCNYS

- 2X6 STUDS @ 16" O.C.

- 2X4 STUDS @ 16" O.C.

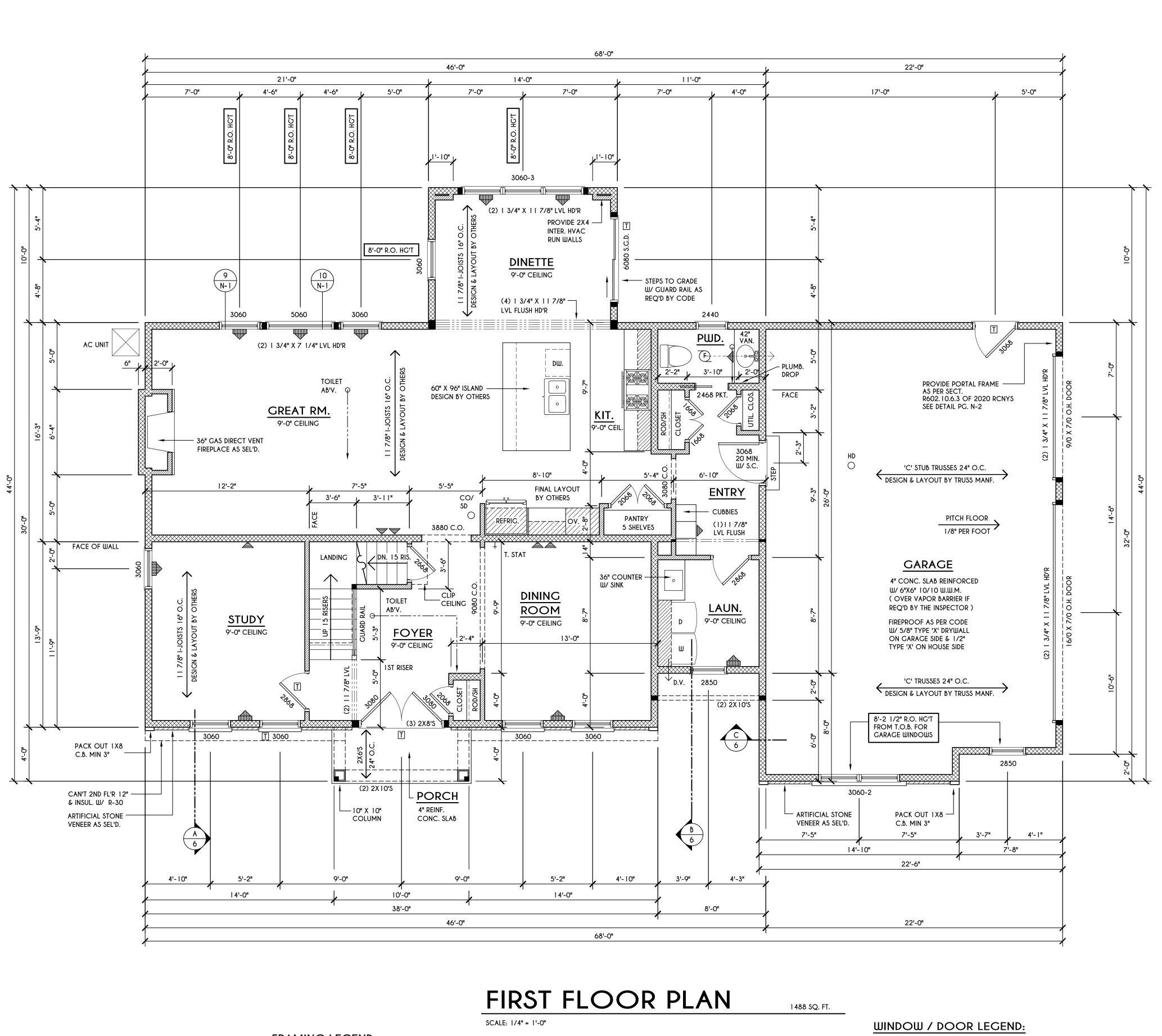
EQUAL TO THE # OF HEADERS TO BE

SUPPORTED- UNLESS NOTED OTHERWISE

E = MEETS OR EXCEEDS EGRESS REQUIREMENTS PER SECT. R310.2.1 OF 2020 RCNYS PER SECT. R308.4 OF 2020 RCNYS UNIT REQUIRES FACTORY APPLIED FALL PROTECTION

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REVISIONS:     DATE   BY   DESCRIPTION     Image: Image of the second secon
CLIENT/LOCATION:
ALT. "LATTIMORE" LOT 3 BRIDLERIDGE FARMS PITTSFORD, NY
BUILDER:
COVENTRY RIDGE BUILDING CORP.
FOUNDATION PLAN
GLA PLAN 3005
drawn:checked:CDKCSBscale:date:AS NOTED10 / 23
PROJECT: sheet: 3 15399C

0



E	NGINEERED FL'R JOIST NOTE	
	ALL ENGINEERED FLOOR JOISTS TO BE DESIGNED BY & LAYOUT TO BE DONE BY MANUFACTURER TO THE SPECS BELOW:	==
	ALL <u>LIVING AREA</u> JOISTS TO BE DESIGNED FOR 55 P.S.F. TOTAL LOAD	
	ALL <u>SLEEPING AREA J</u> OISTS TO BE DESIGNED FOR 45 P.S.F. TOTAL LOAD	

## FRAMING LEGEND:

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

### GENERAL FIRST FLOOR PLAN NOTES:

- FIRST FLOOR PLATE HG'T TO BE 9'-1 1/8" (UNLESS NOTED OTHERWISE)
- ALL WINDOW R.O. HGT'S TO BE 6'-10 1/2" U.N.O. PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS DOWN TO FOUNDATION WALL
- PROVIDE DB'L JACK STUDS EA. SIDE OF LOAD BEARING OPENINGS > / = 4'-0"
- ALL ANGLES TO BE 45 DEG. U.N.O.
- ALL EXTERIOR WINDOW & DOOR HEADERS TO HAVE MIN. R-5 INSUL. & TO BE MIN. (2)2X8'S OR (3)2X6'S ( U.N.O. )
- ALL APPLIANCES SHOWN TO BE BY OWNER OR AS PER CONTRACT BY BUILDER SMOKE (SD) & HEAT DETECTOR (HD), SHALL BE INSTALLED AS PER SECT. R314 OF 2020 RCNYS

CARBON MONOXIDE ALARMS SHALL BE INSTALLED AS PER SECT. 915.33 FCNYS & BE WITHIN 10' OF ALL SLEEPING AREAS IF AN AUTOMATIC GARAGE DOOR OPENER IS PROVIDED, IT SHALL BE LISTED IN ACCORDANCE W/ UL 325 THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM

T = SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING PER SECT. R308.4 OF 2020 RCNYS

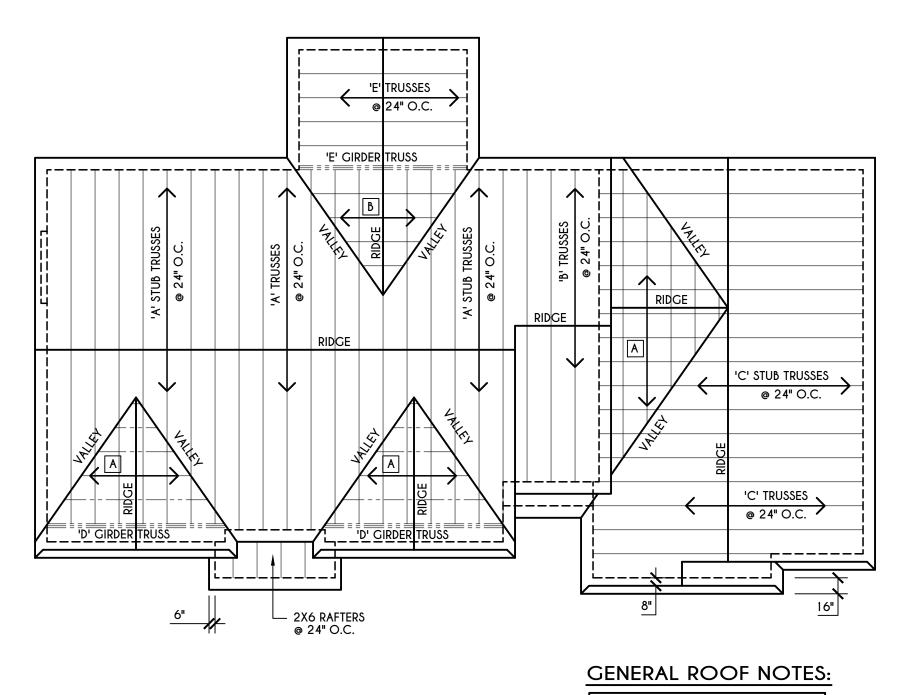
> FP = SPECIFIES THAT THIS OPERABLE WINDOW UNIT REQUIRES FACTORY APPLIED FALL PROTECTION

THE SHOWER OR TUBS.

E = MEETS OR EXCEEDS EGRESS REQUIREMENTS - CLEAR OPENING AREA OF 5.7 SQ.FT. - CLEAR OPENING WIDTH OF 20" - CLEAR OPENING HEIGHT OF 24" PER SECT. R310.2.1 OF 2020 RCNYS PER SECT. R312.2 OF 2020 RCNYS

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Greater Living Architecture, P.C.
3033 BRIGHTON-HENRIETTA TOWNLINE RD ROCHESTER, NY 14623 CALL:(585) 272-9170 FAX: (585) 292-1262 www.greaterliving.com
REVISIONS:     DATE   BY   DESCRIPTION     Image: Image of the second secon
CLIENT/LOCATION: ALT. "LATTIMORE" LOT 3 BRIDLERIDGE FARMS PITTSFORD, NY
BUILDER: COVENTRY RIDGE BUILDING CORP.
FIRST FLOOR PLAN
GLA PLAN 3005
drawn: checked:
CDKCSBscale:date:AS NOTED10 / 23PROJECT:sheet:

15399C

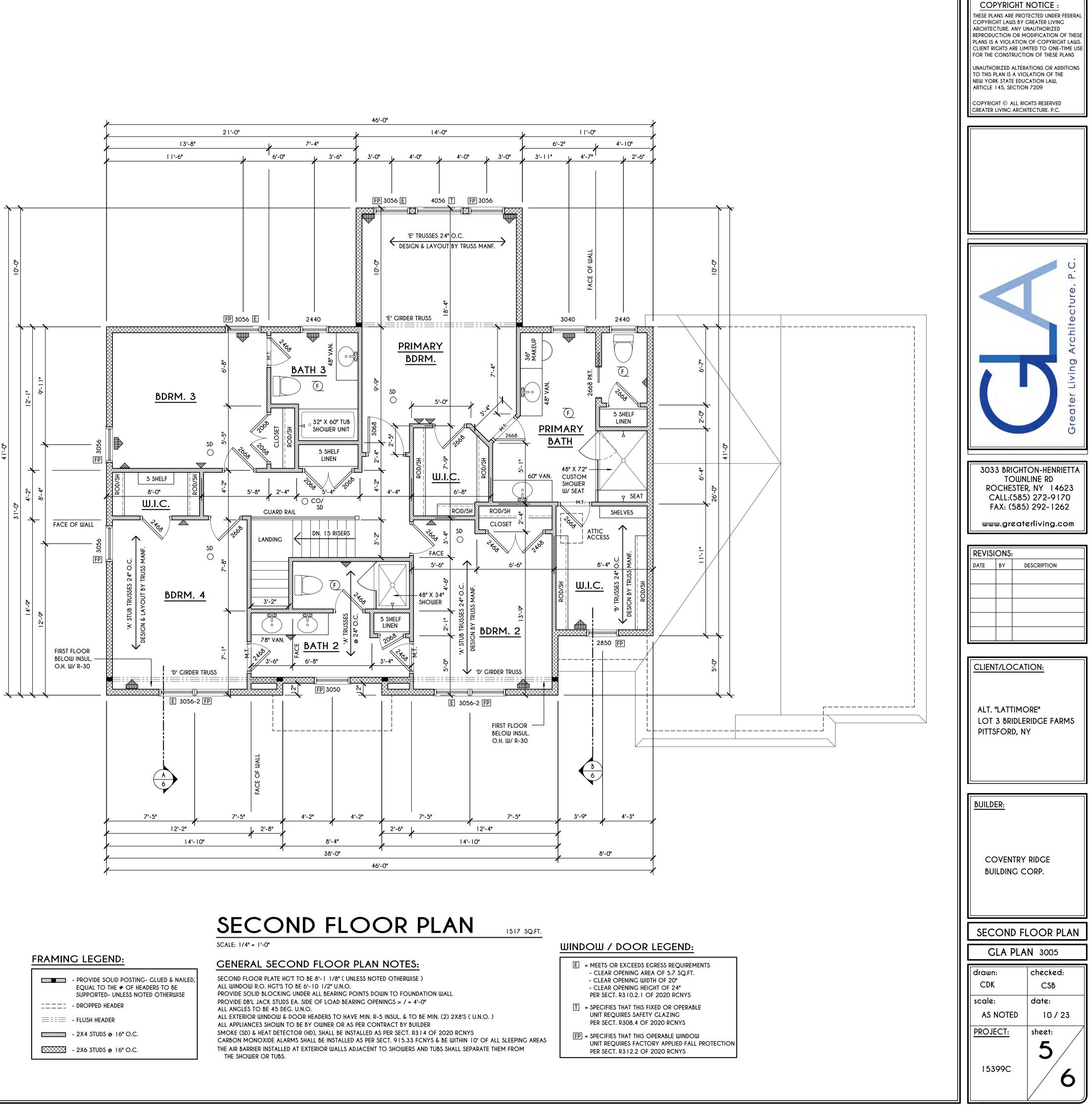


ROOF PLAN

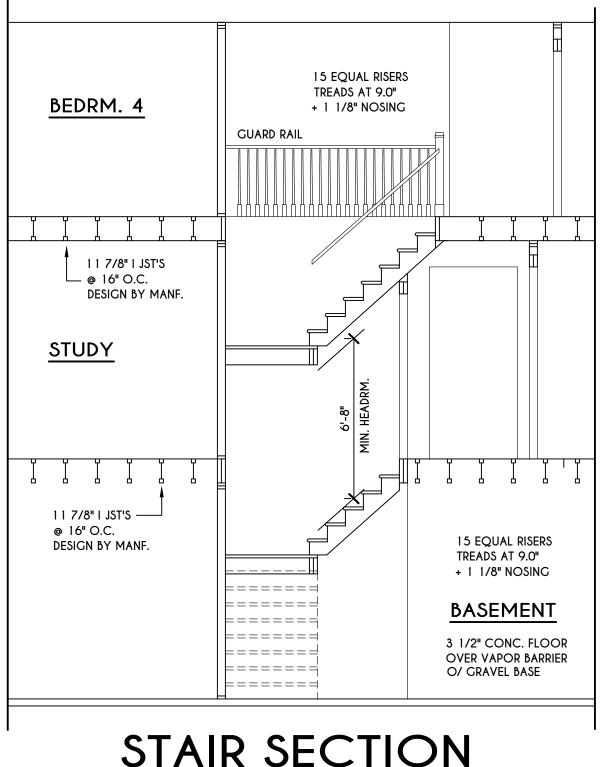
SCALE: 1/8" = 1'-0"

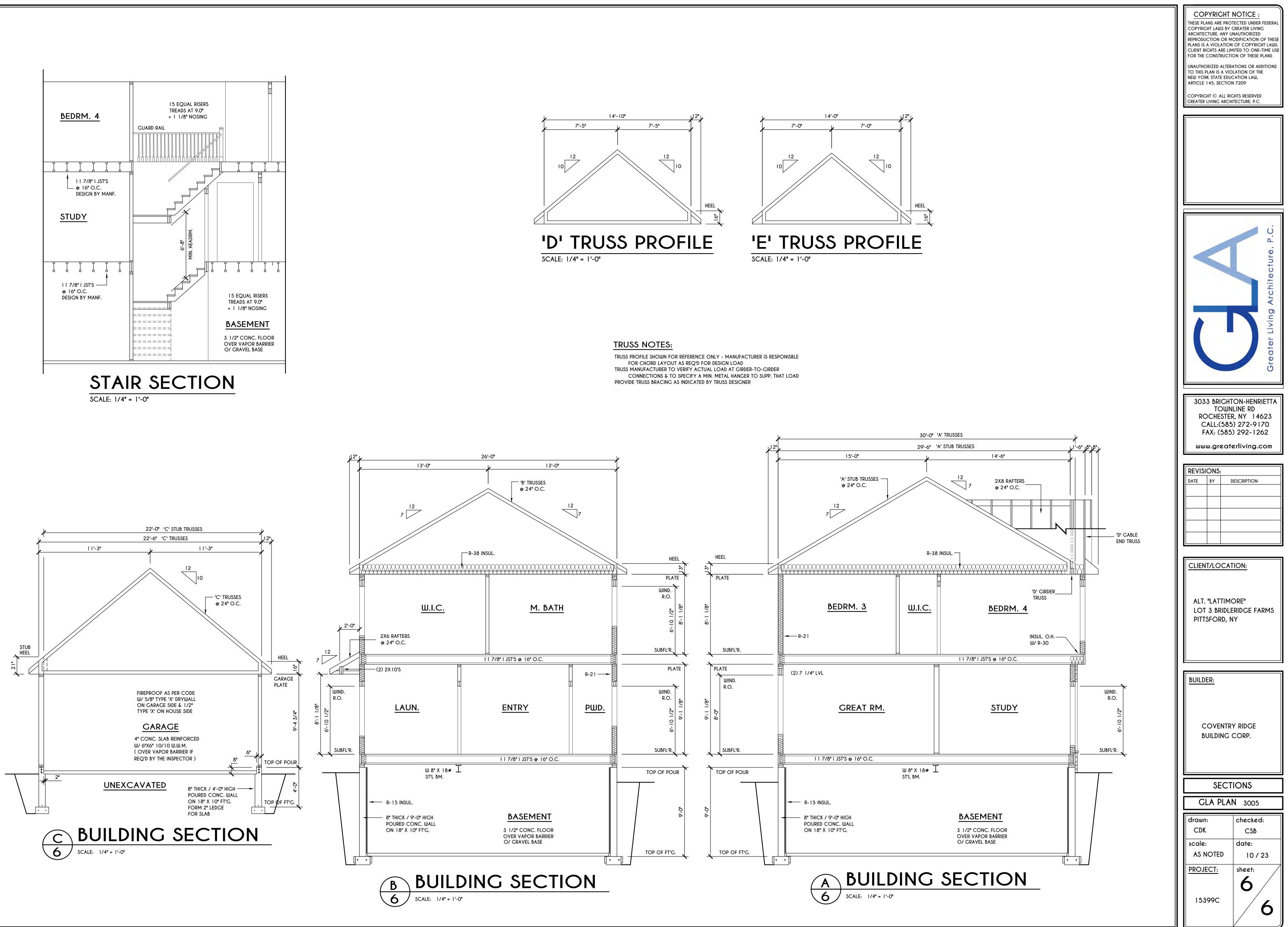
- A 2X8 LAYOVER RAFTERS 24" O.C.
- B 2X6 LAYOVER RAFTERS 24" O.C.

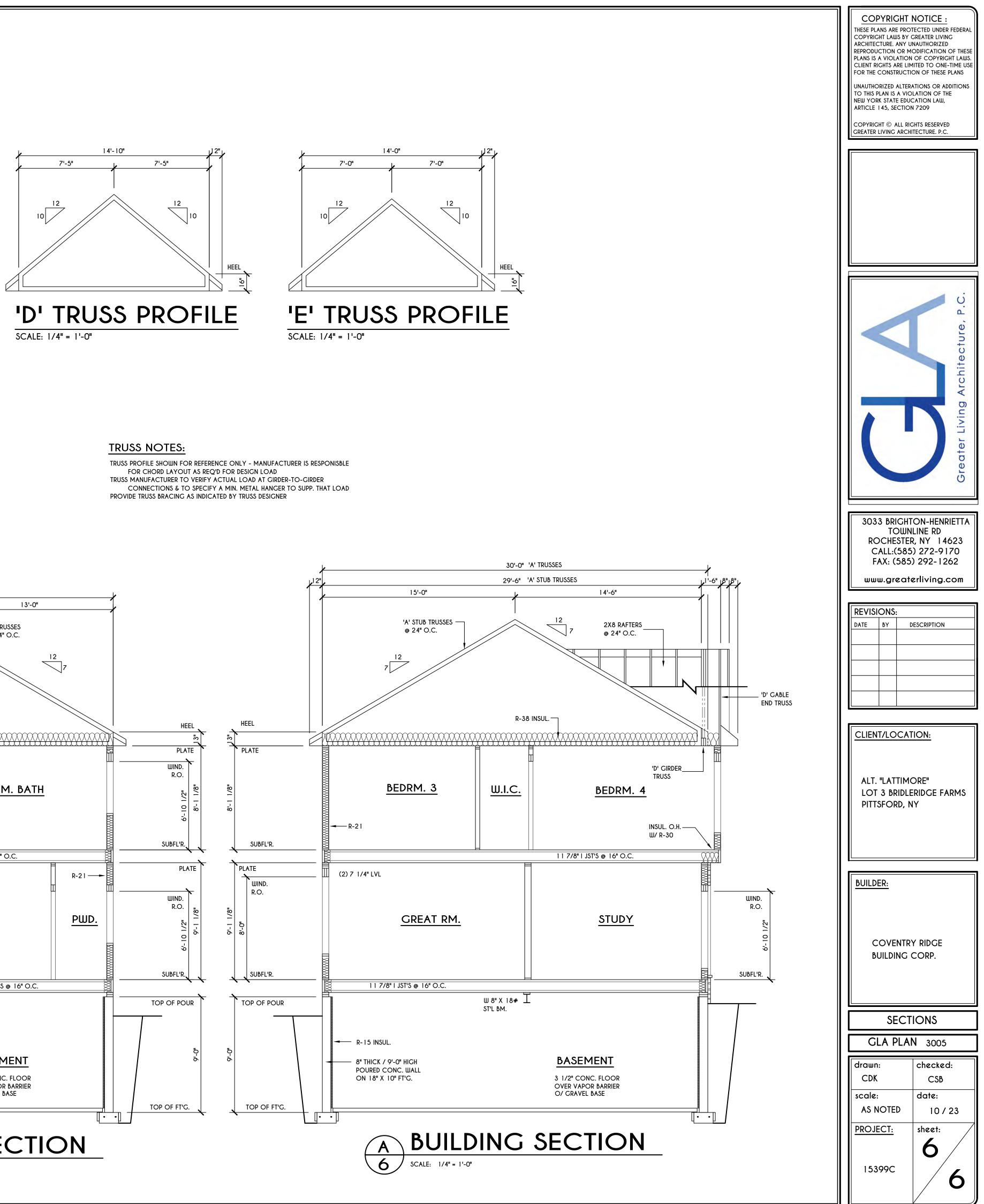
ALL RAKES & OVERHANGS ARE TO BE 1'-0" UNLESS NOTED OTHERWISE ALL NON-STRUCTURAL VALLEYS TO HAVE 2X12 SLEEPER ATTACHED TO PLYWOOD ROOF SHEATHING THIS FRAMING DIAGRAM IS INTENDED TO BE SCHEMATIC AND POSITION OF MEMBERS MAY BE ALTERED TO SUIT ACTUAL FIELD CONDITIONS 4/12 PITCH ROOFS OR SHALLOWER TO HAVE 2 LAYERS 15# FELT

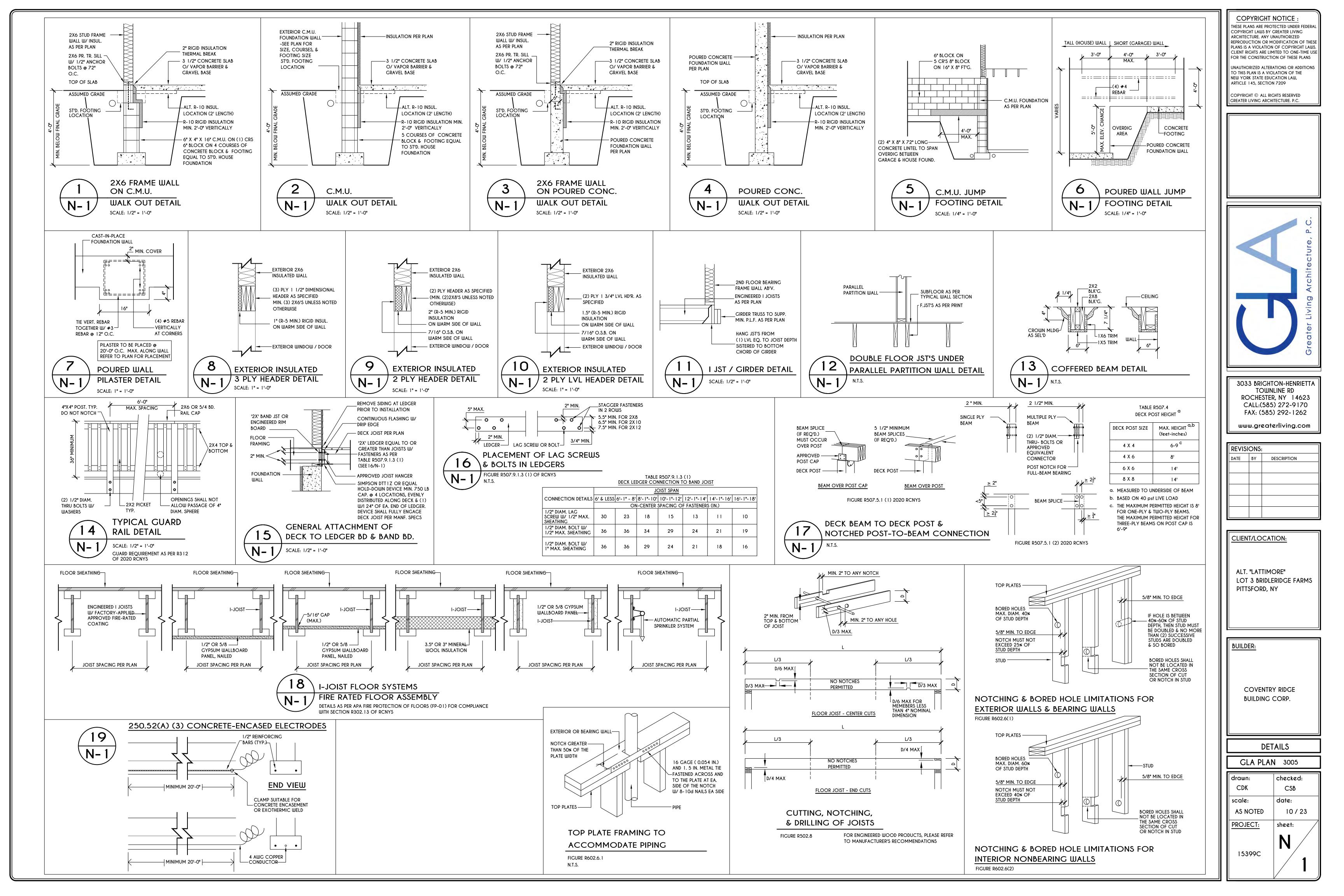


	- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
:===:	- DROPPED HEADER
$\equiv = =$	- FLUSH HEADER
	- 2X4 STUDS @ 16" O.C.
	- 2X6 STUDS @ 16" O.C.









### TABLE R404.1.1(2)

	8-INCH		LLS WITH REINFORCING WHERE d	> 5 INCHES <sup>a, c, f</sup>		
		MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) <sup>b, c</sup>				
		SOIL CLASSES AND LATERAL SOIL LOAD <sup>d</sup> ( psf PER FOOT BELOW GRADE )				
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>©</sup>			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, D 1 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-INC	MASONRY FOUNDATION W	ALLS WITH REINFORCIN
		MINIMUN	I VERTICAL REINFORCI
		SOIL CLASSE	ES AND LATERAL SOIL L
WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>©</sup>	GW, GP, SW, AND SP SOILS 30	GM, GS, SM-SC AND I 45
6'-8"	4' ( OR LESS ) 5' 6'-8"	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C.	#4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C.
7'-4"	4' ( OR LESS ) 5' 6' 7'-4"	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C.	#4 @ 56" O.C #4 @ 56" O.C #4 @ 56" O.C #5 @ 56" O.C.
8'-0"	4' ( OR LESS ) 5' 6' 7' 8'	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C.	#4 @ 56" O.C #4 @ 56" O.C #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C.
8'-8"	4' ( OR LESS ) 5' 6' 7' 8'-8"	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C.	#4 @ 56" O.C #4 @ 56" O.C #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C
9'-4"	4' ( OR LESS ) 5' 6' 7' 8' 9'-4"	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C.	#4 @ 56" O.C #4 @ 56" O.C #5 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #6 @ 40" O.C
10'-0"	4' ( OR LESS ) 5' 6' 7' 8' 9' 10'	#4 @ 56" O.C. #4 @ 56" O.C. #4 @ 56" O.C. #5 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 48" O.C.	#4 @ 56" O.C #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #6 @ 48" O.C #6 @ 40" 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	R 402.4.1.1	_
AIR BARRIER	AND	INSULATION	INSTALLATIO

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA
	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, f<u> DRCEMENT AND SPACING (INCHES)</u>b, c SOIL LOAD <sup>d</sup> ( 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 O.C. #4 @ 56" O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #4 @ 56" O.C. O.C. #4 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 48" O.C #4 @ 56" O.C. O.C. #4 @ 56" O.C #5 @ 56" O.C #6 @ 56" O.C #6 @ 32" O.C #4 @ 56" O.C. O.C. #4 @ 56" O.C. #5 @ 56" O.C. #6 @ 56" O.C. #6 @ 40" O.C #6 @ 24" 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-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 8.75 INCHES a, c, f						
	MINIMUM VERTICAL REINFORCEMENT AND SPACING ( INCHES ) <sup>b, c</sup>					
			S AND LATERAL SOIL LOAD <sup>d</sup> (			
UALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>©</sup>	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 ) 5' 6'-8"	#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.		
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. #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 ) 5' 6' 7' 8'	#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. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 64" O.C.		
8'-8"	4' ( OR LESS ) 5' 6' 7' 8'-8"	#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. #4 @ 72" O.C. #5 @ 72" O.C. #7 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 48" O.C.		
9'- <b>4</b> "	4' ( OR LESS ) 5' 6' 7' 8' 9'-4"	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 48" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 56" O.C. #6 @ 40" O.C.		
10'-0"	4' ( OR LESS ) 5' 6' 7' 8' 9' 10'	#4 @ 72" O.C. #4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 64" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 72" O.C. #6 @ 56" O.C. #6 @ 40" O.C.	#4 @ 72" O.C. #4 @ 72" O.C. #5 @ 72" O.C. #6 @ 72" O.C. #6 @ 48" O.C. #6 @ 40" 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 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

SCALE: N.T.S.

FIGURE R602.10.6.3

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 5 NR 4 NR 6 4 5 #4@ 6 #5 @ 8 #6@ 4 NR 6 #4@ 7 #5 @ 8 #6@ 9 #6 @ #6 @ #6@ #6@

f. INTERPOLATION IS NOT PERMITTED.

### ON

# N CRITERIA 1E WALLS ≷ FRAMED NTACT ARRIER. INSTALLED JNDERSIDE CAVITY

# 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

WALL HEIC

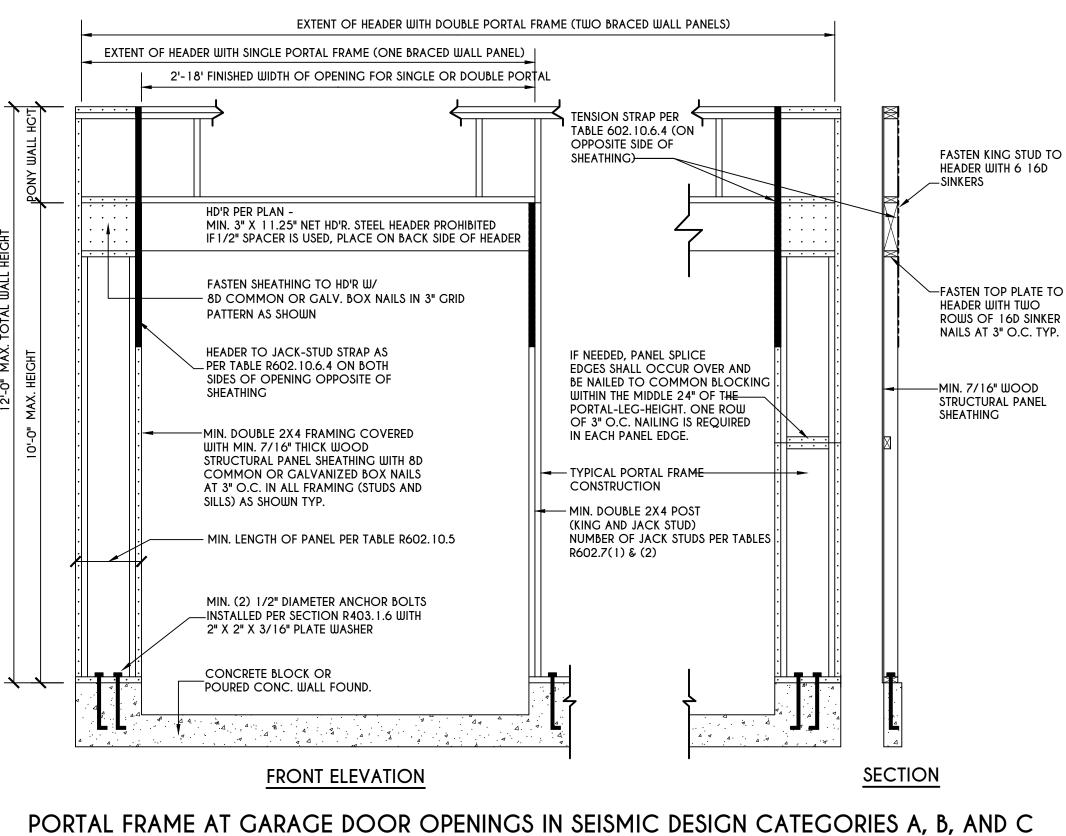
### SHALL BE ASSUMED. TABLE R401.4.1

PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIA				
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 <sup>b</sup>			

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
CC	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
МН	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



### 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 ) SC, MH, ML-CL AND INORGANIC CL GM, GS, SM-SC AND ML GW, GP, SW, AND SP

ED	Gl	ו, GP, SW, ג 30			GM,	, GS, SM-SC 45	C AND ML		SC, MH, M	L-CL AND II 60	NORGANIC	CL
	MIMIMUM WALL THICKNESS ( INCHES )											
	6	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	NR	NR	NR	NR <sup>1</sup>	NR	NR	#4@35"	NR <sup>1</sup>	NR	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	NR	NR	#5@47"	NR	NR	NR
	NR	NR	NR	NR	#5 @ 42"	NR	NR	NR	#6@43"	#5@48"	NR <sup>1</sup>	NR
	#5@46"	NR	NR	NR	#6 @ 42"	#5@46"	NR <sup>1</sup>	NR	#6@34"	#6@48"	NR	NR
	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
	#4@37"	NR <sup>1</sup>	NR	NR	#5 @ 37"	NR	NR	NR	#6 @ 37"	#5@43"	NR <sup>1</sup>	NR
	#5@40"	NR	NR	NR	#6 @ 37"	#5@41"	NR <sup>1</sup>	NR	#6@34"	#6@43"	NR	NR
	#6@43"	#5@47"	NR <sup>1</sup>	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	NR	NR	#4@35"	NR <sup>1</sup>	NR	NR	#5@40"	NR	NR	NR
	#4@34"	NR <sup>1</sup>	NR	NR	#6@48"	NR	NR	NR	#6@36"	#6@39"	NR <sup>1</sup>	NR
	#5 @ 36"	NR	NR	NR	#6@34"	#5 @ 37"	NR	NR	#6@33"	#6@38"	#5 @ 37"	NR <sup>1</sup>
	#6@38"	#5@41"	NR	NR	#6 @ 33"	#6 @ 38"	#5 @ 37"	NR <sup>1</sup>	#6@24"	#6 @ 29"	#6 @ 39"	#4 @ 48" <sup>m</sup>
	#6@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	NR	NR	#4@33"	NR <sup>1</sup>	NR	NR	#5 @ 38"	NR	NR	NR
	#5@48"	NR <sup>1</sup>	NR	NR	#6 @ 45"	NR	NR	NR	#6@34"	#5@37"	NR	NR
	#6@47"	NR	NR	NR	#6@34"	#6@48"	NR	NR	#6@30"	#6@35"	#6@48"	NR <sup>1</sup>
	#6@34"	#5 @ 38"	NR	NR	#6 @ 30"	#6@34"	#6@47"	NR <sup>1</sup>	#6 @ 22"	#6 @ 26"	#6 @ 35"	#6@45" <sup>m</sup>
	#6@34"	#6@41"	#4@48"	NR <sup>1</sup>	#6 @ 23"	#6 @ 27"	#6 @ 35"	#4 @48" <sup>n</sup>	DR	#6 @ 22"	#6 @ 27"	#6@34"
	#6 @ 28"	#6 @ 33"	#6@45"	NR	DR <sup>j</sup>	#6 @ 23"	#6 @ 29"	#6@38"	DR	#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.

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



15399C

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

Permit # CA23-000005

### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

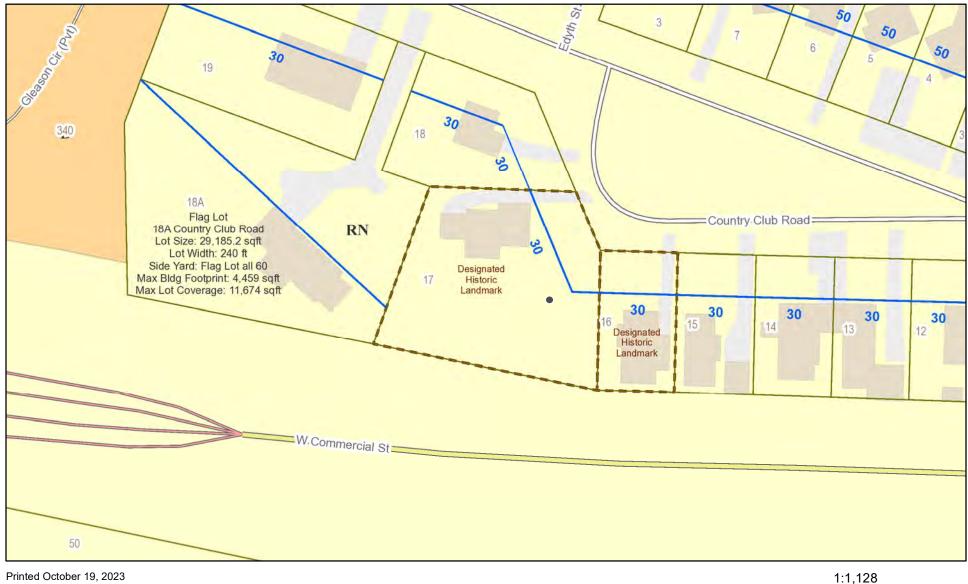
Property Address: 17 Country Club Road EAST ROCHESTER, NY 14445 Tax ID Number: 138.19-2-24 Zoning District: RN Residential Neighborhood Owner: Wilcove, Marcy J Applicant: Micky Suri

#### Application Type:

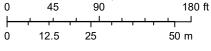
- Residential Design Review §185-205 (B)
- Commercial Design Review
- §185-205 (B) Signage
- §185-205 (C)
- Certificate of Áppropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- Building Height Above 30 Feet
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

**Project Description:** Applicant is requesting a Certificate of Appropriateness, pursuant to Town Code Section 185-196, for the demolition of a pool on a Designated Historic Landmark. This property is zoned Residential Neighborhood (RN).



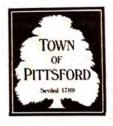
Printed October 19, 2023



Town of Pittsford GIS

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Rev. 07/24/2017

### **TOWN OF PITTSFORD**

### Design Review & Historic Preservation Board Application for Certificate of Appropriateness

	Case #	
	Property Address: 17 Country Club Rd East k	Cochester NY 14445
	Tax Account Number:	
	Applicant's Name: <u>MADHU MICKY SURF</u> Address: <u>S2</u> Greenwood Park <u>Street</u> <u>Pittsfold NY 14534</u> City State Zip Code	Phone: <u>585 - 150 - 1/61</u> E-mail: <u>manager @ paisi</u>
•	Applicant's Interest in Property: Owner: D Lessee: Holdi Other ( <i>explain</i> ):	profer fies, com
	Owner (if other than above):	÷
	Address:	_ Phone:
	Has the Owner been contacted by the Applicant? Yes	□ No □
i.	Application prepared by: MADHU MICVY SURI	
	Application prepared by: <u>MADHU MICKY SURI</u> Address:	_ Phone:
	Address:	_ Phone: _ E-mail:
5. 7.	Address:	

7

	Address:			Phone:
		Street		
				E-mail:
	City	State	Zip Code	
	Present use of Property:	esidential		
).	Zoning District of Property:	sindentral		
	Is the property located in a To	wn Designated H	istoric District?	
	Yes No	Ø		
	Is the property listed on the Na	ational Registry o	f Historic Place	\$7
	Yes 🗌 No	Ø		
•	Will State or Federal Funding application for Tax Credits or	be used in this pr other State and F	oject, or will the ederal benefits	project result in an
		<b>A</b>		
	If Yes, please explain:			

- 14. Proposed Exterior Improvements:
  - A. Describe all exterior architectural improvements proposed with this project (include project materials and finishes; attach additional sheets if necessary):

8

Rev. 07/24/2017

B. Describe all significant site improvements proposed with this project (include proposed changes in landscaping, significant plant material alterations, and other improvements associated with hardscape materials such as driveways and retaining walls; attach additional sheets if necessary):

Demolition of pool; surrounding concrete, surrounding bushes and surrounding wrought iron fence

 If the structure is a Commercial Property open to the Public, please describe all interior improvements proposed at the project site (attach additional sheets if necessary).

16. Additional materials submitted with this application (if available):

Parcel map Architectural elevations Photographs Architectural plans Other materials

#### **Applicant Certification:**

I certify to the best of my knowledge that the information supplied on this application is complete and accurate.

Signature of applicant

No

9

#### **Owner Consent:**

If the applicant is other than the owner, does the owner concur with this application?

Yes

If Yes, owner's signature:

Rev. 07/24/2017









relate to the community feeling and ambiance originally envisioned by Kate Gleason. (See elsewhere for more details.)

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v

7. The entire property should be designated. The lot is small and odd shaped. The dwelling is not centered on the lot. The dwelling's front wall is quite close to the lot's front property line (northeast), and a sustentative part of the front consists of a peastone gravel parking area. There is little space from the right (northwest) or rear (west/southeast) sides of the building to the property lines. There is one relatively modern two-story home near the rear lot line and a somewhat older (we believe not original Marigold Gardens or historically significant) home immediately adjacent to the right. The bushes and garden beds generally do not support the historic character as well as they do for #16, but there are appropriate ivy and other items. Any changes to the property would be so close to the building on three sides so as to clearly have an effect on the historic designation. The added rear apartment portions attached the dwelling, which are not immediately visible from most of the nearby roads, the pool and pool house are not in keeping with the original structure or style at this time, but the portion attached closest to the original home blends in fairly well. The New York State Department of Transportation sound barrier wall along the longest lot line already gives some "hemmed-in feeling and would be perhaps exacerbated by any further development in that portion of the property.

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

Permit # D23-000008

#### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD **REFERRAL OF APPLICATION**

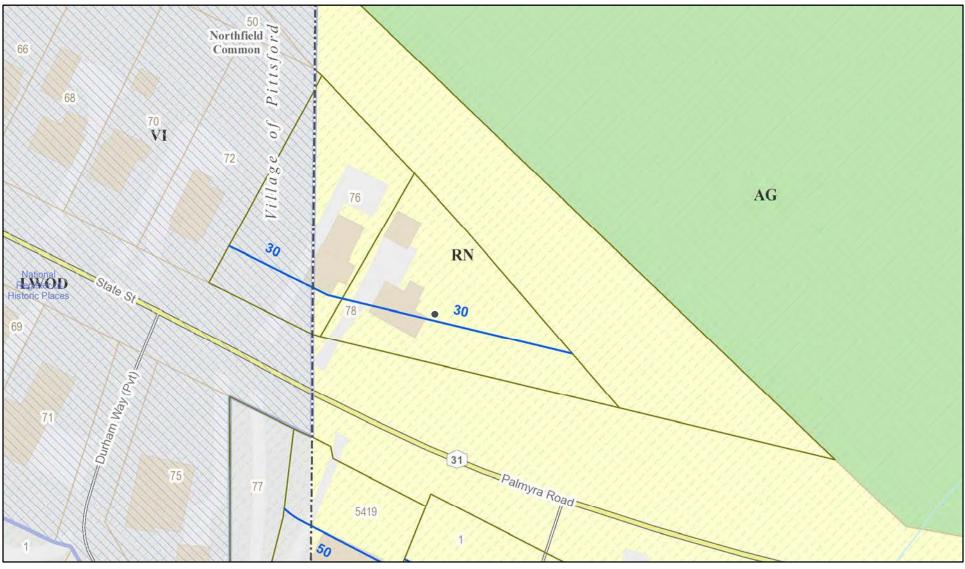
Property Address: 78 State Street PITTSFORD, NY 14534 Tax ID Number: 164.07-2-4 Zoning District: RN Residential Neighborhood Owner: Nolan, Michael J Applicant: Steven Goldberg

#### Application Type:

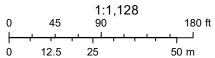
- **Residential Design Review** §185-205 (B)
- **Commercial Design Review** §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- **Building Height Above 30 Feet**
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- **Undeveloped Flag Lot Requirements**
- §185-17 (L) (2)

Project Description: Applicant is requesting approval for the demolition of a 100-year-old detached garage, with the intent to build a new detached garage on the property. This property is zoned Residential Neighborhood (RN).



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Town of Pittsford GIS

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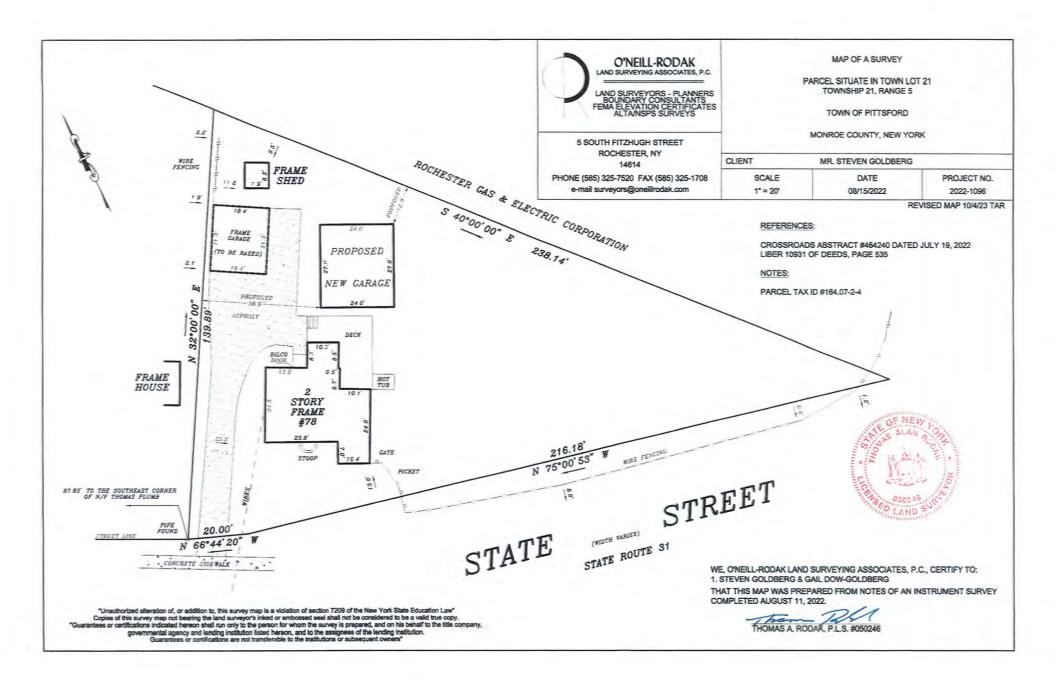




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#### CONSTRUCTION & DEVELOPMENT, LLC

RESIDENTIAL . COMMERCIAL . AGRICULTURE

10-10-2023

MEGHAN BROOKS- ASSISTANT TO BUILDING DEPT. 111 SOUTH MAIN STREET, PITTSFORD, NY 14534 585-248-6256

RE: STEVEN & GAIL GOLDBERG 78 STATE STREET PITTSFORD, NY 14534 GARAGE DEMOLITION PERMIT

Hello Meghan.

I represent Gardner Construction & Development, LLC in regard to the garage structure at the residence in question. After a thorough inspection of the existing two car structure, it is deemed that due to several deficiencies with the Foundation, Structural Integrity, General Condition, and Plotted location it would serve the Owner's better to have it removed and construct a New 27'x24'x10' Two Car Garage properly located on the property in compliance with Town Set Back requirements in place. If any additional information is required contact me.

SINCERELY

3878 PH GRIMPORT ROAD I YONS, NY 11489 315-573 1474

WWW.GARDNERCONSTRUCTIONNY.COM

KFITH GARDNER PRESIDENT GCDKG/B@GMAIL.CUM

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

Permit # S23-000017

Phone: 585-248-6250

### FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 3349 Monroe Avenue ROCHESTER, NY 14618 Tax ID Number: 150.12-1-18 Zoning District: C Commercial / MATZ Monroe Avenue Transitional Zone Owner: Pittsford Plaza SPE, LLC Applicant: Elevated Sign Solutions

#### Application Type:

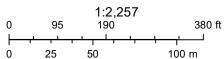
- Residential Design Review §185-205 (B)
- Commercial Design Review §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
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- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

**Project Description:** Applicant is requesting design review for 45 square feet of signage in Pittsford Plaza.



Printed October 20, 2023



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	<b>Customer:</b> Apple Cinemas	<b>Start Date:</b> 9/19/23	For approval only. Please review the revisions are needed, please note
5	Address: 3349 Monroe Ave Rochester NY 14618	Revisions: large letters 9/26/23 "DINE IN & BAR" 9/27/23 move location to box areas 10/3/23	approved, please sign and date be Customer Approval

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100 Lincoln Parkway East Rochester, NY 14445 (585) 381-2134 www.elevatedsignsolutions.com sales@elevatedsignsolutions.com

e

24"H apple cinemas logo 19.5"H letters LED Channel letters Digitally printed gradient on white faces White trim cap, black returns

Total Sq Footage: 45

left: 140″ W x 24.38″H Middle: 77"W x 24.38"H Right: 52"W x 24.38"H



### Existing

this proof to ensure all information is correct. If changes on this document and send back. If elow. Artwork is property of Elevated Sign Solutions.

Date

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

Permit # S23-000016

#### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 3350 Monroe Avenue ROCHESTER, NY 14618 Tax ID Number: 150.16-2-1 Zoning District: C Commercial Owner: Graceland Properties LLC Applicant: Rotolite Elliot LLC

#### Application Type:

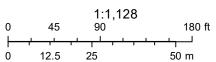
- Residential Design Review §185-205 (B)
- Commercial Design Review §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- Building Height Above 30 Feet
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

**Project Description:** Applicant is requesting design review for an approximately 30 square foot sign for a new business.



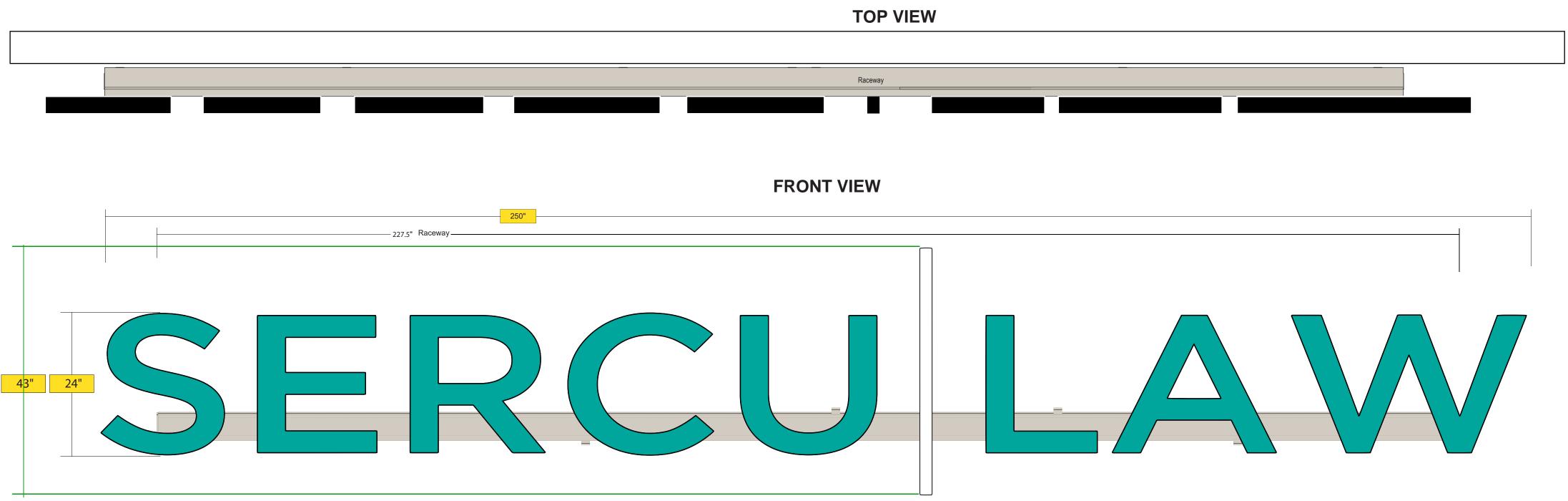
Printed October 20, 2023

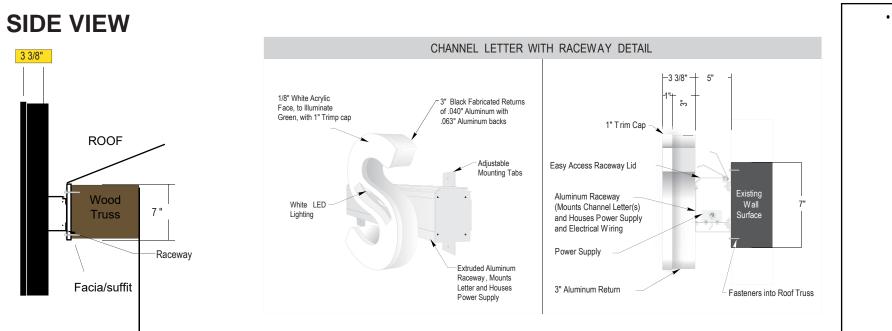


Town of Pittsford GIS

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- •Letter Face: • .125" White Acrylic F aces • 1" Depth Trim Cap •Letter Returns and Letter Backs:
- •Single .063" Aluminum Letter Back
- Paint :
- Black (Trim Cap, Return, Letter Back)
- White Raceway
- Vinyl : Letter Face "SERCU", "LAW" Inkjet Printed T o Match brand Blue
- •LED Illuminated/ Mounting •Panel Mounted Pure White LED Modules •Power Supplies in UL-Rated Enclosed Raceway: •Raceway Sections: (L) 227.5 " •Raceway Mounting Tabs Qty: TBD

• Sign System: Raceway Mounted Illuminated Channel Letters 24"

•0.040" Custom F abricated Aluminum Returns: (D) 3 3/8"

## SercuLaw-Channel Letter

Date	Scale:	1"=1'	Customer	Sercu Law
10.05.23				
Quantity			Location	3350 Monroe Ave.
1				5550 MONIOE AVE.
Page			System	Illuminated Channel L etters
1 of 1				(Front Lit) Raceway Mounted

### **ROTOLITE ELLIOTT CORPORATION**

1 Grove St. Pittsford, NY 14534 585-385-1463

"Success Through Signs"



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

Permit # S23-000018

#### Phone: 585-248-6250 FAX: 585-248-6262 DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

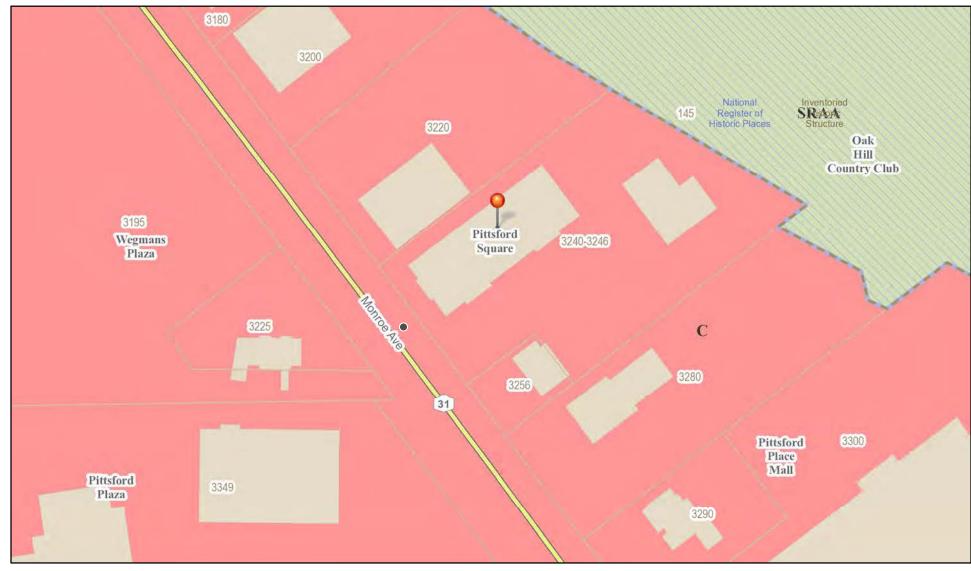
Property Address: 3240-3246 Monroe Avenue ROCHESTER, NY 14618 Tax ID Number: 150.12-1-10.1 Zoning District: C Commercial Owner: Buffalo-Pitt Sq Assoc LLC Applicant: Sign & Lighting Services LLC

#### Application Type:

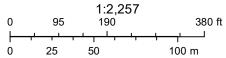
- Residential Design Review §185-205 (B)
- Commercial Design Review §185-205 (B)
- Signage
- §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation
- §185-195 (2)
- Informal Review

- Build to Line Adjustment §185-17 (B) (2)
- Building Height Above 30 Feet
- §185-17 (M)
- Corner Lot Orientation
- §185-17 (K) (3)
- Flag Lot Building Line Location
- §185-17 (L) (1) (c)
- Undeveloped Flag Lot Requirements
- §185-17 (L) (2)

**Project Description:** Applicant is requesting design review for an approximately 63 square foot sign for a new Ethan Allen store in Pittsford Square.



Printed October 20, 2023



Town of Pittsford GIS

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### BENDERSON DEVELOPMENT

570 DELAWARE AVENUE BUFFALO, NY 14202 716.886.0211.P 716.886.2269.F

October 13, 2023

Sign & Lighting Services PO Box 597 Ontario, NY 14519 Attn: Kirk Wright

RE:

Exterior Storefront Signage ETHAN ALLEN Pittsford Square 3240 Monroe Ave., Suite 100 Pittsford, NY 14618 Property #2086/007 Lease #76364 A/B #178397

Kirk:

Landlord hereby authorizes Sign & Lighting Services and/or their local subcontractor to install exterior signage per the attached approval dated October 13, 2023, at the above referenced location provided that you adhere to all of our sign specifications and local town codes.

In addition, the following contingencies must be met:

- 1. Individual channel letters to be flush mounted to the canopy sign band area.
- 2. The disconnect switch is to be located at the end of the lettering, flush with the baseline of the last letter.
- 3. No exposed mounting hardware, brackets, bracing, or electrical conduit permitted.
- 4. Install as per BDC elevation drawing. Also see below note in red.
- 5. All wall penetrations must be filled with exterior grade, expansive caulking to create a watertight seal.
- 6. UL labels visible.
- 7. Subject to municipal approval.

All necessary permits will be obtained by <u>ETHAN ALLEN and/or their sign company</u>; provided that in the event any conditions or obligations are imposed upon the undersigned the authorization herein granted shall be void unless the undersigned expressly consents to each condition and/or obligation.

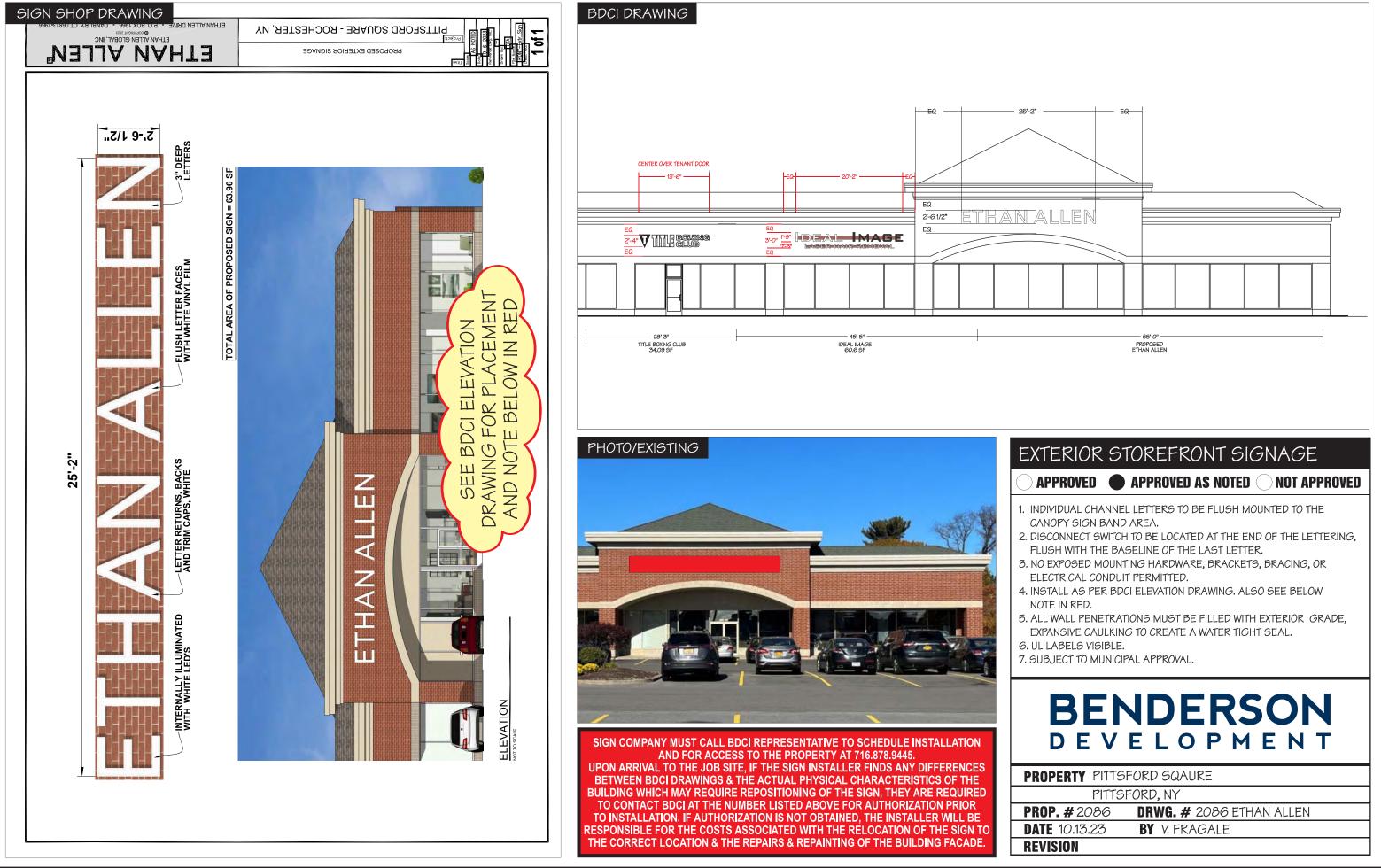
Signs will be maintained and operated by ETHAN ALLEN.

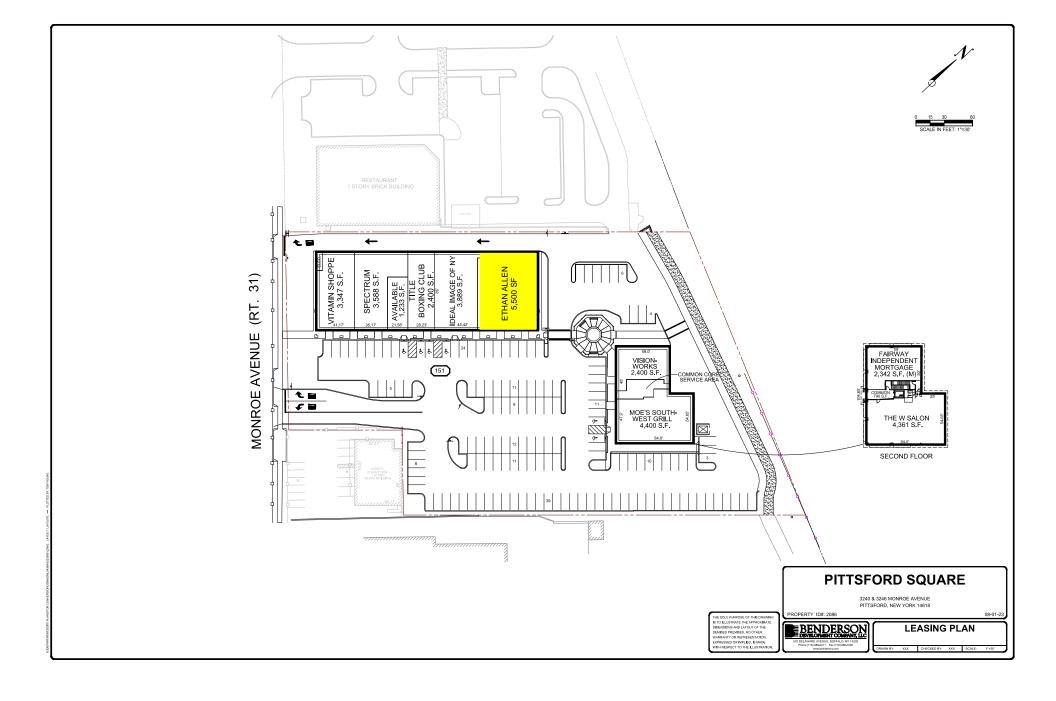
If you should have any questions, please feel free to contact the undersigned.

Sincerely, Valeris Gragale

Valerie Fragale Design Project Manager

cc: Leasing (via email), Property Mgmt. (via email), Sign File (hardcopy), Lease File

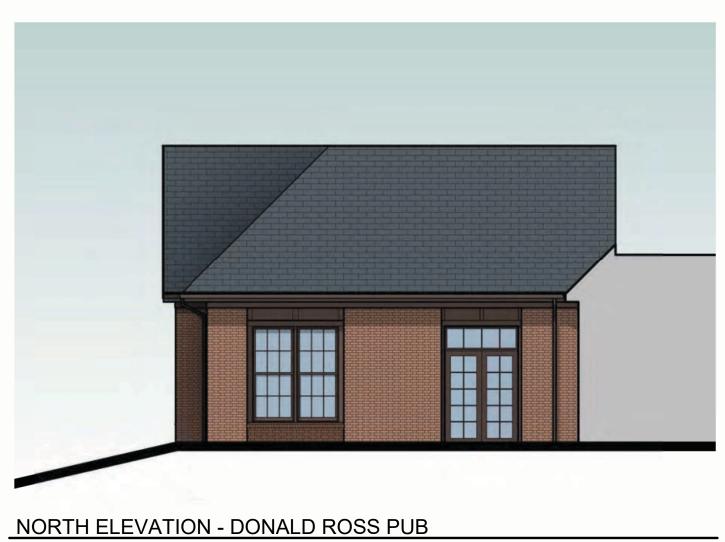






### SOUTH ELEVATION - BALLROOM



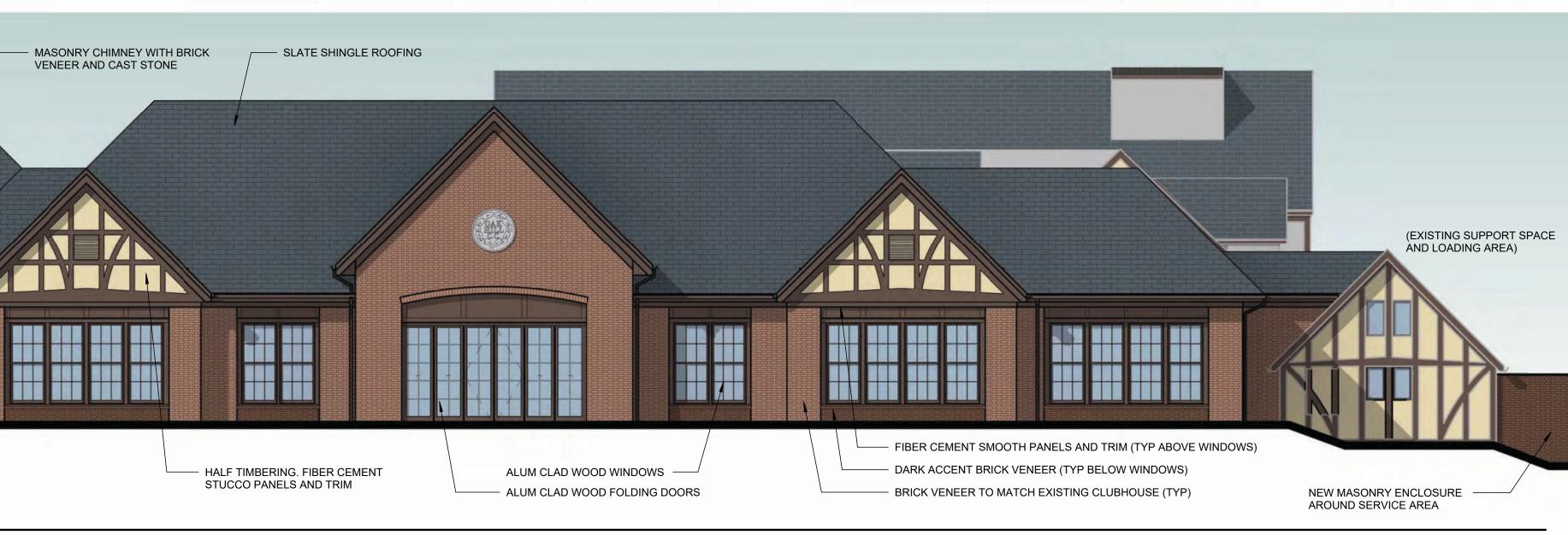


ARD 2" 31' -MANS/ STANDING SEAM METAL ROOF -

EAST ELEVATION - DONALD ROSS PUB



SOUTH ELEVATION - DONALD ROSS PUB



Drawn By:	ESR					
Checked By:	ESR					
Project Manager:	ESR					
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Revisions						
Oak Hill Renovatio SWBR Project Num	-					
<b>Oak Hill Country Club</b> 145 Kilbourn Rd Rochester, NY 14618						
A201						
Exterior Elevations						

SWBR

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