## Design Review & Historic Preservation Board Agenda September 22, 2022

## HISTORIC PRESERVATION DISCUSSION

## **BUILDING INSPECTOR REMARKS**

#### RESIDENTIAL APPLICATION FOR REVIEW - RETURNING

## 4 San Rafael Drive

The Applicant is requesting design review for the construction of a new single-family home. The home will be approximately 6703 SF of livable space and will be located on a vacant lot in the San Rafael Drive neighborhood.

## RESIDENTIAL APPLICATION FOR REVIEW

## 25 Trotters Field Run

The Applicant is requesting design review for the construction of an approximately 154 SF screen room addition off the front of the house.

## • 27 Whitestone Lane

The Applicant is requesting design review for an approximate 70 SF covered porch over the front main entry of the home.

## **RESIDENTIAL APPLICATION FOR REVIEW - NEW HOMES**

## • 7 Black Wood Circle

The Applicant is requesting design review for the construction of a one-story single-family home. The home will be approximately 2013 SF and will be located in the Wilshire Hills Subdivision.

#### 3 Stable View

The Applicant is requesting design review for the construction of a two-story single-family home. The home will be approximately 3256 SF.

## • 45 & 47 Skylight Trail

The Applicant is requesting design review for the proposed construction of a new town home dwelling. The proposed building will consist of 2 attached single family dwellings sharing a common wall. Lot 26 (47 Skylight Trail) will be approximately 2023 SF. and Lot 25 (45 Skylight Trail) will be SF. The town homes will be in the Alpine Ridge development.

## **COMMERCIAL APPLICATION FOR REVIEW - SIGNAGE**

## • 3660 Monroe Avenue

The Applicant is requesting design review to replace existing ground sign with a new 25 SF sign that is same size and same setback as existing sign.

## Design Review and Historic Preservation Board Minutes September 8, 2022

## **PRESENT**

David Wigg, Acting Chairman; Jim Vekasy, Paul Whitbeck, Bonnie Salem, Kathleen Cristman, John Mitchell

#### **ALSO PRESENT**

Bill Zink, Building Inspector; Susan Donnelly, Secretary to the Board

## **ABSENT**

Dirk Schneider, Chairman

## HISTORIC PRESERVATION DISCUSSION

Bonnie Salem and Dave Wigg discussed meeting at the East Street Burying Ground to determine where the signage currently located within the fencing should be relocated.

Bonnie Salem also discussed that she is talking to Shelley O'Brien, Town Communications Director, to determine what the goals are for highlighting historically designated homes on the Town website.

## **RESIDENTIAL APPLICATION FOR REVIEW - RETURNING**

## • 22 Evergreen Lane

The Applicant is requesting design review for the construction of an approximately 160 SF 3 season room addition off the back of the house.

Tom Romono of Patio Enclosures was present to discuss the questions posed by the Board at the previous meeting.

The Board indicated their preference for the roof to match the current roof on the home.

The room will be all screened but have the option for all glass panels in the future. The upper roof panel will be a single glass pane.

David Wigg moved to approve the application as submitted with the condition that the shingles of the roof match the existing.

Paul Whitbeck seconded.

All Ayes.

## RESIDENTIAL APPLICATION FOR REVIEW

## 91 Knollwood Drive

The Applicant is requesting design review for the demolish of an existing covered patio and construct a new 1122 SF covered outdoor entertainment space per plans and specs.

The homeowner, Anthony Cotroneo, and Brian Warren were present to discuss this application with the Board.

The proposed covered patio is designed to replicate a similar style of the existing but will be larger and will complement the home. The shingles will match those on the home and will feature the same trim detail. A copper cupola will be a featured.

John Mitchell moved to accept the application for the demolition of the existing patio and construction of a new covered patio with the condition that the shingles will be asphalt and the cupola will be copper clad.

Bonnie Salem seconded.

All Ayes.

## 97 Country Club Road

The Applicant is returning to requesting design review for changes to a previously approved addition of an approximately 795 SF addition/renovation of the existing house as well as the addition of an approximately 500 SF garage.

The homeowners, Mark and Lisa Stein, were present.

The change will involve the addition of another gable to the front elevation over the living room and proposed dining room. The new roof will be shingled to match the existing. The 2 garage doors will remain the same. It was noted that the rendering of the garage doors reflects a single door in error. The 3-season room will also remain.

Paul Whitbeck moved to accept the application as submitted as reviewed on September 8, 2022, which supersedes any previous approval.

David Wigg seconded.

Ayes - Wigg, Whitbeck, Cristman, Vekasy, Mitchell

Nays - Salem

The application received approval.

## RESIDENTIAL APPLICATION FOR REVIEW - NEW HOME

## 2721 Clover Street

The Applicant is requesting design review for the construction of a two-story single-family home. The home will be approximately 2321 square feet.

The contractor, Mike Grasta, was present.

The design features a side load garage and stone returns of 2 ft. at the corners. There are three materials on the front elevation, but the shakes and vinyl will be the same color blue with complementary colored stone and white trim. The columns on the porch will be square. The windows will be Anderson 200 series with mullions in between the glass.

The Board debated the use of three materials but in the end determined it was acceptable if the colors are monochromatic. Also, the Board discussed the need for shutters on the front elevation and discussed that the corner boards should be wood.

David Wigg moved to accept the application as submitted with the following conditions:

- 1. Removal of the shutters from the front elevation.
- 2. Stone returns wrap two feet from the front to the side elevations.

Jim Vekasy seconded.

All Ayes.

#### CERTIFICATE OF APPROPRIATENESS - RETURNING

## 315 Thornell Road

The Applicant is requesting a Certificate of Appropriateness, pursuant to Code Section 185-196, for the rear addition on a designated historic home. This property is zoned RN - Residential Neighborhood.

This hearing remains open, but no action was taken as no new information has been presented to the Town and the applicant was not present.

## **CERTIFICATE OF APPROPRIATENESS - NEW**

## 2590 Clover Street

The Applicant is requesting a Certificate of Appropriateness, pursuant to Code Section 185-196, for the rear addition on a designated historic home. This property is zoned RN - Residential Neighborhood.

David Wigg opened the public hearing.

There were no members of the public present for his hearing.

The homeowner, Katherine Walker, was present.

Architect Scott Fiske reviewed the project with the Board. He indicated the materials to be used on the new additions will be "sympathetic" to what is on the original structures including the house and nearby barn. The window sashes will be replaced on the original house. The windows will be one over one with no mullions. All windows will remain the same size and shape. Roof materials will be asphalt like the shingles on the original home. The proposed barn/garage will be painted a similar color to an existing barn that was originally on the (now subdivided) property. The neighbor across the street at 2585 Clover Street, Warren Waldow, reviewed the plans, reviewed of the design and submitted a letter of approval to the Town. The Board expressed no objections to the plan.

David Wigg moved to close the Public Hearing.

Kathleen Cristman seconded.

All Ayes.

A resolution to grant a Certificate of Appropriateness was moved by Board member David Wigg, seconded by Board member Kathleen Cristman, and was voted upon by members of the Board as follows:

Dirk Schneider voted Absent
Bonnie Salem voted Aye
Paul Whitbeck voted Aye
Kathleen Cristman voted Aye
David Wigg voted Aye
John Mitchell voted Aye
Jim Vekasy voted Aye

The granting of the Certificate of Appropriateness is made subject to the following specific conditions:

- (a) Replacement windows in the existing home will retain the same size and shape as existing. Replacement sash in the existing home and new windows in the addition and garage will be wood or fiberglass windows, double hung, one over one, with no mullions.
- (b) The addition and existing house will be painted white; the garage will be painted barn red
- (c) The roof on the addition and garage will match the existing house in material and color.
- (d) All work is to be completed by December 31, 2023.

## **REVIEW OF MINUTES OF AUGUST 28, 2022, MEETING**

David Wigg moved to accept the minutes of the August 28, 2022, meeting with a correction.

Bonnie Salem seconded.

All Ayes.

## **ADJOURNMENT**

David Wigg moved to close the meeting at 7:35 pm.

All Ayes.

Respectfully submitted,

Susan Donnelly Secretary to the Design Review and Historic Preservation Board 3/17/22, 10:20 AM Letter View



## **Town of Pittsford**

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

Permit # B22-000143

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

# DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 4 San Rafael Drive ROCHESTER, NY 14618

**Tax ID Number:** 151.06-1-17

Zoning District: RN Residential Neighborhood

Owner: Krapf, Christian Applicant: Krapf, Christian

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

**Project Description:** Applicant is requesting design and review for the construction of a new single family home. The home will be approximately 6703 sq. ft. of livable space and will be located on a vacant lot in the San Rafael Drive neighborhood.

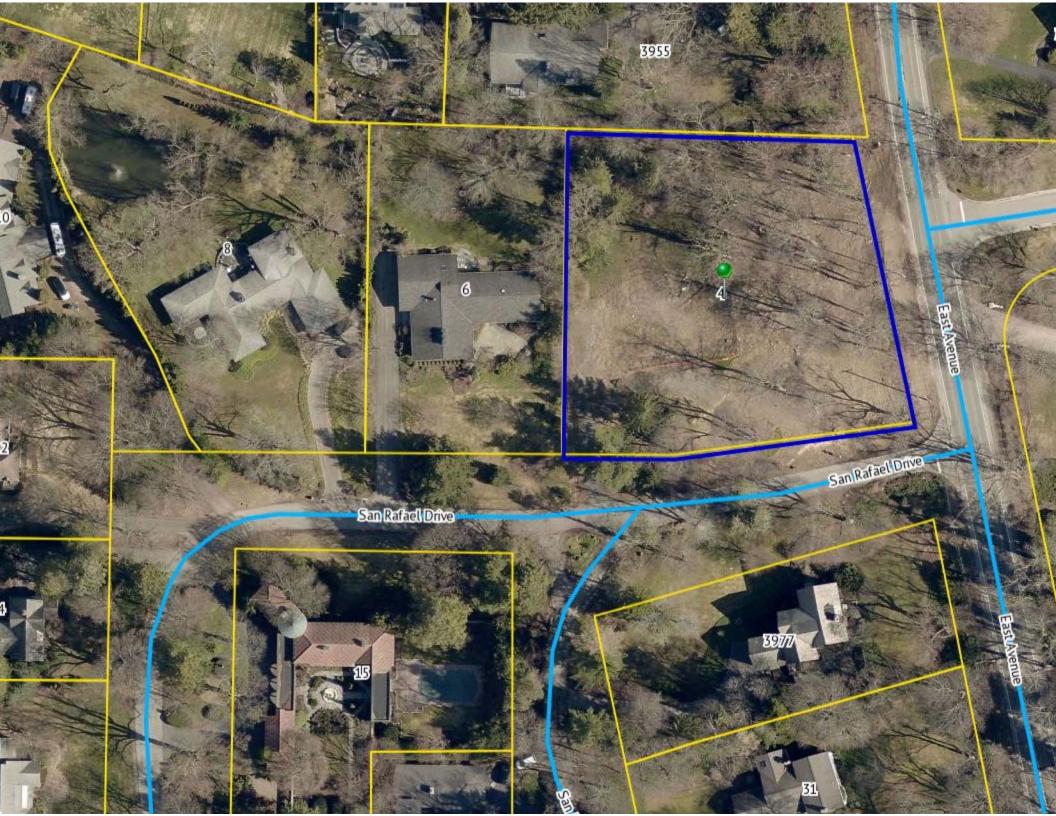
Meeting Date: September 22, 2022

## RN Residential Neighborhood Zoning



Town of Pittsford GIS

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





VIEW FROM SOUTH EASTERN CORNER



VIEW FROM NORTH EASTERN CORNER



VIEW FROM SOUTH WESTERN CORNER



VIEW DOWN SAN RAFAEL DRIVE



VIEW DOWN EAST AVENUE









# Drawing Index

ARCHITECTURE A0.0 **COVER SHEET** FIRST FLOOR PLAN A2.1 SECOND FLOOR PLAN A2.3 **ROOF PLAN** A3.1 **EXTERIOR ELEVATIONS** A3.2 **EXTERIOR ELEVATIONS** A3.3 **EXTERIOR ELEVATIONS** SECTIONS A4.1 CIVIL

SITE PLAN

A1.0

# Krapf Residence

# Design Review and Historic Preservation Set

Issue: 09/14/2022

19014

4 San Rafael Drive Rochester, NY 14618

# Project Information

OWNER:

Christian & Christina Krapf 1598 Highland Ave. Rochester, NY. 14618

ARCHITECT:

Christopher Architecture & Interiors Chris Reebals & Ria Neill 2601 Highland Ave Birmingham, AL 35205 p: 205.413.8531

INTERIOR DESIGN:

Christopher Architecture & Interiors Whitney Tingle & Leigh Ann Harris 2601 Highland Ave Birmingham, AL 35205 p: 205.413.8531

STRUCTURAL ENGINEER:

TSE 123 Carmine Torchia & Nick Amorim & Dorthy Hanraham 625 Panorama Trail, Suite 2210 Rochester, NY 14625 p: 585.385.7630

LANDSCAPE ARCHITECT:

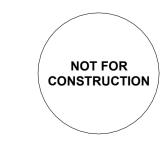
RPK Landscape Architecture, PC Ryan Kelly & Andrew Murphy 50 University Avenue Rochester, NY 14605 p: 585.683.5315

GENERAL CONTRACTOR:

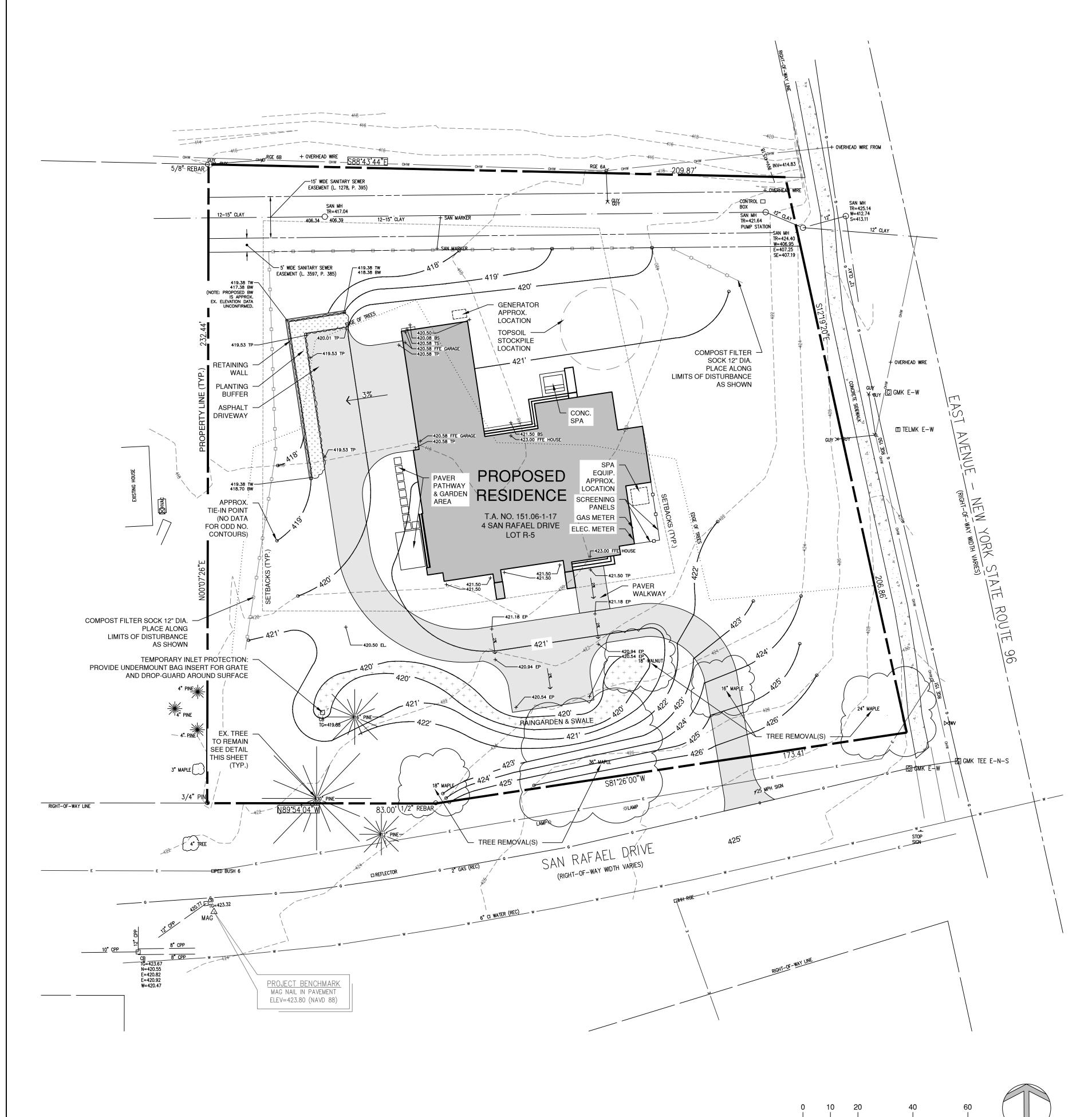
DVC, Incorporated Dominick Caroselli 64 Stonington Drive Pittsford, NY 14534 p: 585.353.3307 SQUARE FOOTAGES:

Heated & Cooled Total: 5,410sf First Floor: 2,994sf Second Floor: 1,438sf Garage: 978sf Unconditioned Total: 1,718sf Porches/Patios: 1,175sf Spa: 118sf Attic: 425sf

Applicable Codes:
2017 International Residential Code
Code of the Town of Pittsford
New York State Energy Conservation Construction Code
New York State Uniform Fire Prevention and Building Code







1. SITE PLAN

## **GENERAL NOTES:**

- 1. THE CONTRACTOR SHALL FIELD VERIFY ALL AREAS WITHIN SCOPE OF WORK PRIOR TO START OF LANDSCAPE CONSTRUCTION. CONTACT THE LANDSCAPE
- ARCHITECT, THE OWNER, OR OWNER'S REPRESENTATIVE IMMEDIATELY TO REVIEW AND APPROVE ANY FIELD ISSUES DURING CONSTRUCTION. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL AND CONSTRUCTION QUALITY ASSURANCES AND WARRANTIES.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. ANY DAMAGE OCCURRING TO UTILITIES OR PROPERTY DURING EXCAVATION AND CONSTRUCTION WILL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- 4. THE CONTRACTOR WILL SUBMIT PRODUCT DATA AND SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEMOLITION PERMITS FROM THE MUNICIPALITY AS NECESSARY. TO ALSO INCLUDE ANY NECESSARY PERMITTING FOR TRAFFIC REDIRECTION AND DISRUPTION.
- 6. THE CONTRACTOR SHALL MAINTAIN SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION PROCESS.
- 7. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND CHECKED AFTER EACH RAIN EVENT.

## **PROPERTY NOTES:**

EXISTING BASE INFORMATION DERIVED FROM FIELD SURVEY DATED JULY 2019 PERFORMED BY BME ASSOCIATES. SURVEY DATA:

TAX ID NO: 151.06-1-17

ADDRESS: 4 SAN RAFAEL DRIVE, ROCHESTER, NY 14618

COMMUNITY: TOWN OF PITTSFORD

RN RESIDENTIAL NEIGHBORHOOD ZONING:

LOT AREA: 1.188 AC MAX. LOT COVERAGE: 40%

EX. IMPERVIOUS: APPROX. 3,800 SQ. FT. (GRAVEL DRIVEWAY, TO BE REMOVED)

FIRE DISTRICT:

FUEL: (PROPOSED) NATURAL GAS / ELECTRIC

WATER: (PROPOSED) PUBLIC (PROPOSED) SANITARY SEWER:

HOA:

100-YR FLOODPLAIN: NO

NRCS SOILS: Ub - URBAN LAND, Ca - CANANDAIGUA SILT LOAM, AsD - ARKPORT-DUNKIRK VERY FINE SANDY LOAMS 12-25% SLOPES

WATERSHED: ALLEN CREEK / IRONDEQUOIT CREEK

USDA PLANT ZONE:

## SUMMARY OF PROPOSED SCOPE:

1. RESIDENCE APPROX. 5,175 SQ. FT. AS SHOWN

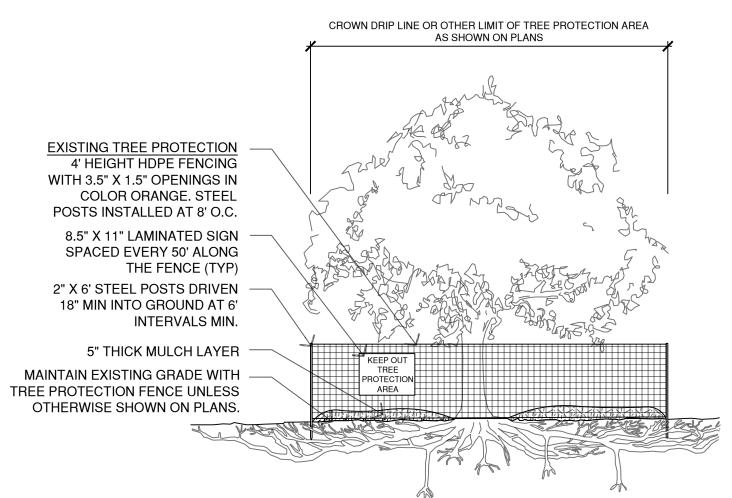
2. ASPHALT DRIVEWAY APPROX. 5,315 SQ. FT. AS SHOWN. (1) CURB CUT @ NEW LOCATION.

APPROX. 90 LF AS SHOWN, AVERAGE HEIGHT OF 28 INCHES ABOVE GRADE. REINFORCED CONCRETE. 3. RETAINING WALL

APPROX. 9'X9' AS SHOWN. REINFORCED CONCRETE. 4. SPA

APPROX. 200 SQ. FT. WALKWAYS TO CONNECT DRIVEWAY WITH HOUSE. CONC. OR PAVER. 5. MISC. IMPERVIOUS

## VARIANCES REQUESTED: NONE



NORTH

SCALE: 1"= 20'- 0"

CALL DIG SAFE BEFORE YOU DIG IN NEW YORK \*811

1. ALL TREES SAVED SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT THE DRIP LINE OR A DISTANCE GREATER THAN THE DRIP LINE.

- 2. IF THERE IS NO EXISTING IRRIGATION, A REGULAR HAND WATERING SCHEDULE WILL BE REQUIRED BY THE
- 3. ACCESS FOR WATERING SHALL NOT BE LOCATED AWAY FROM CONSTRUCTION. 4. NO MATERIALS OR EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.

# 2. EXISTING TREES: PROTECTION DETAIL

NOT FOR CONSTRUCTION

REVISION SCHEDULE

Krapf

Residence

4 San Rafael Drive Rochester, NY 14618

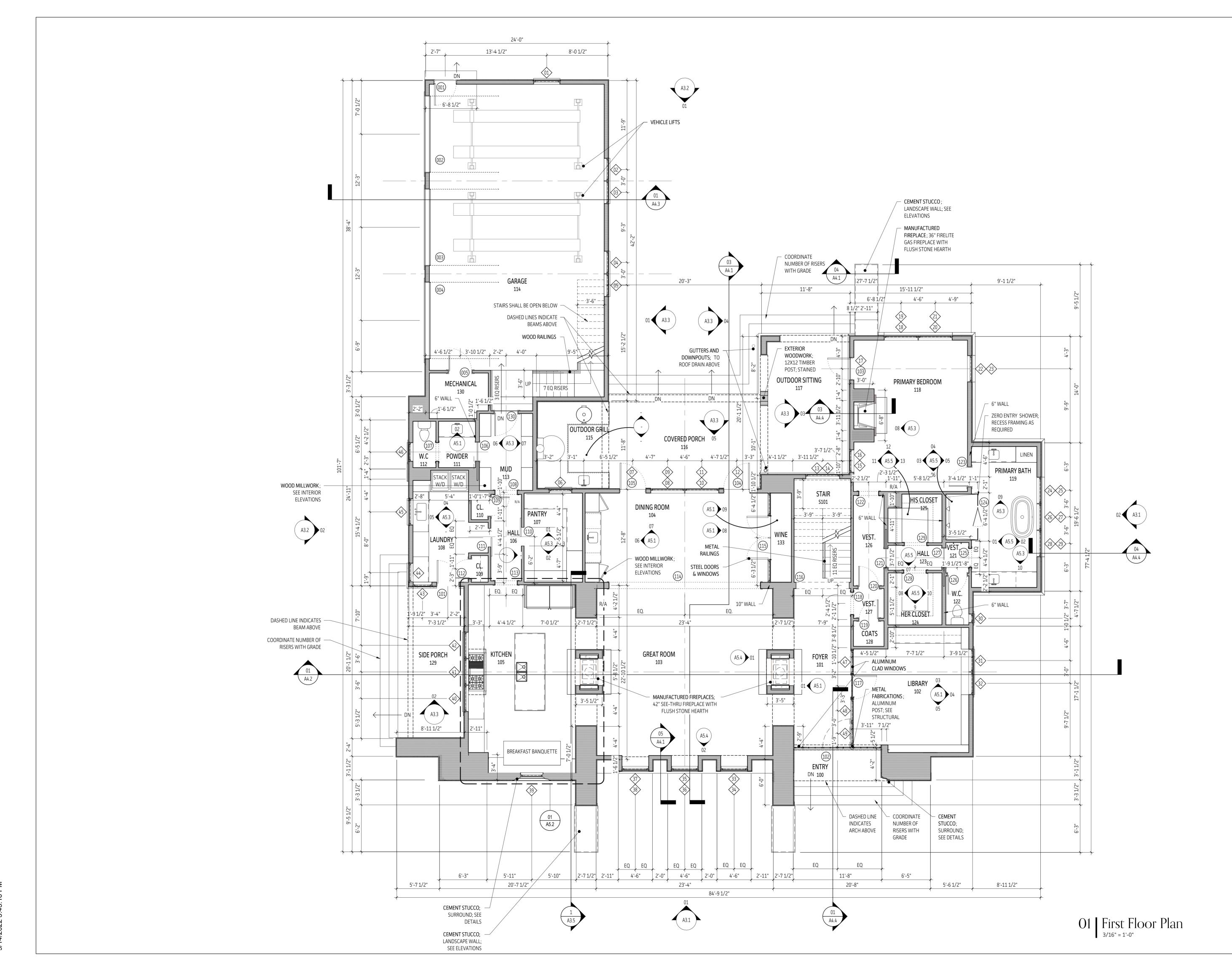
9/14/2022

CHECKED BY

JOB NO.

19014

SHEET TITLE SITE PLAN





**GENERAL PLAN NOTES** 1. Do not scale drawings. Any dimension in question should be brought to the design team's

attention for clarification. 2. Notes with bolded text and a leader ending in a dot indicate that additional information is to be found in the specifications. See the

referenced specification division on sheets A.01-A.05 3. Dimensions are laid out as follows:

· EXTERIOR WALLS: Outside face of INTERIOR WALLS: Center of Wall WINDOWS & DOORS: Center of openings in stud walls.

MASONRY WALLS: Face to Face MASONRY OPENINGS: Edge to

4. Exterior walls should be 2x6 framing unless noted otherwise; typical. 5. Interior walls should be 2x4 framing unless noted otherwise; typical.

6. Walls containing pocket doors should be 2x6 stud framing; typical. 7. Walls containing "thickened opening" to be 10" thick unless noted otherwise; typical

SPECIFICATION INDEX Locations are called out on drawings. Refer to sheets A0.1 - A0.5. All notes may not be

used on every sheet.

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# Krapf Residence

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23 83 00 - RADIANT HEATING UNITS

26 00 00 - ELECTRICAL 26 51 00 - DECORATIVE LIGHTING

28 40 00 - LIFE SAFETY

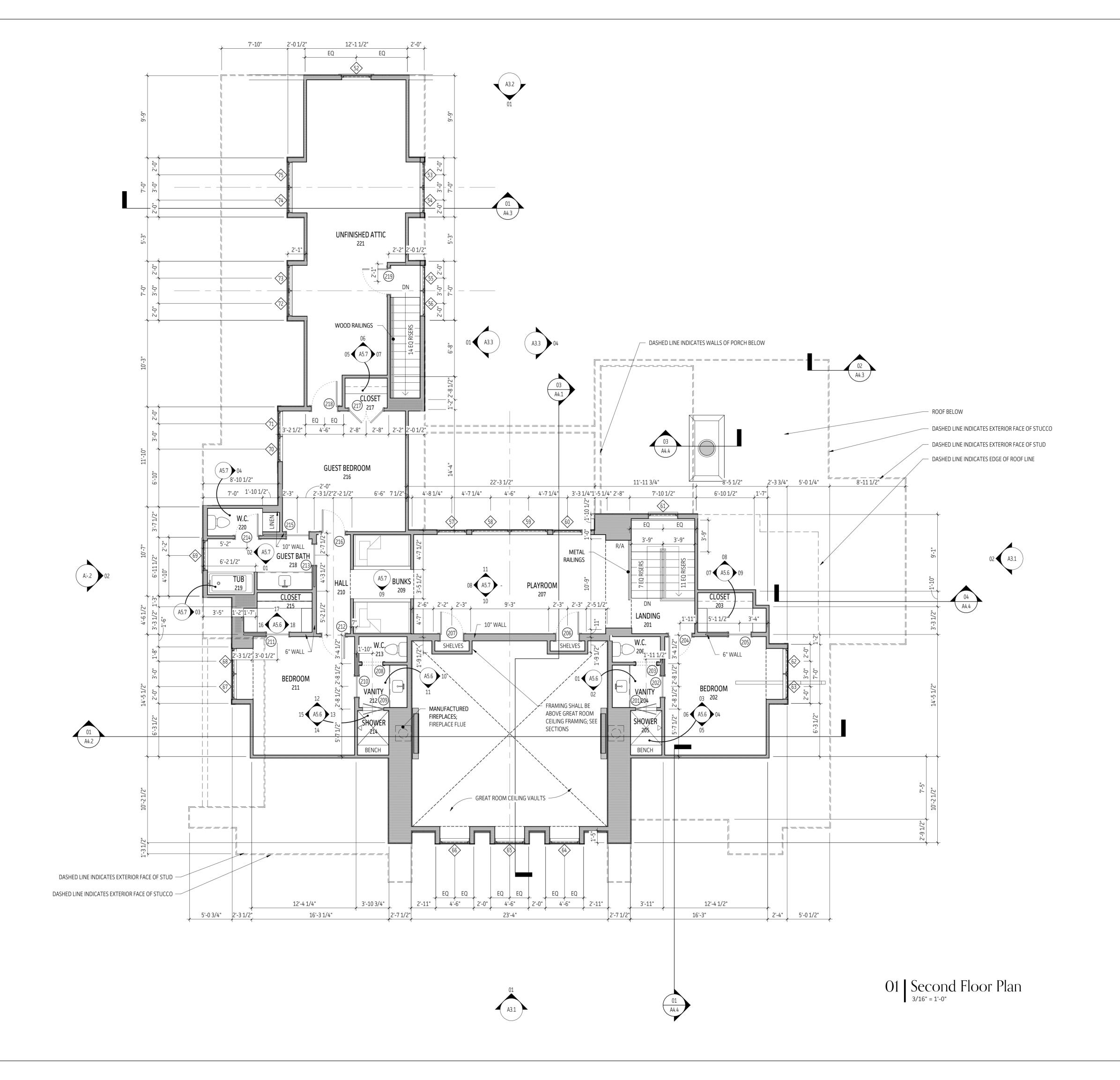
31 23 00 - EXCAVATION & FILL 31 31 16 - TERMITE CONTROL 32 32 00 - RETAINING WALLS

31 22 00 - GRADING

4 San Rafael Drive Rochester, NY 14618

09/14/2022 RN/EL/WT 19014

SHEET TITLE FIRST FLOOR PLAN





GENERAL PLAN NOTES

1. Do not scale drawings. Any dimension in question should be brought to the design team's attention for clarification.

2. Notes with bolded text and a leader

ending in a dot indicate that additional information is to be found in the specifications. See the referenced specification division on sheets A.01-A.05

3. Dimensions are laid out as follows:

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 MASONRY WALLS: Face to Face
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04 22 00 - CONCRETE UNIT MASONRY
04 40 00 - STONE ASSEMBLIES
05 00 00 - METALS
05 50 00 - METAL FABRICATIONS
05 52 00 - METAL RAILINGS
06 10 00 - ROUGH CARPENTRY
06 11 13 - ENGINEERED WOOD PRODUCTS
06 16 00 - SHEATHING
06 40 13 - EXTERIOR WOODWORK
06 40 03 - INTERIOR WOODWORK
06 41 00 - WOOD MILLWORK

06 40 23 - INTERIOR WOODWORK
06 41 00 - WOOD MILLWORK
06 43 16 - WOOD RAILINGS
06 46 00 - WOOD TRIM
06 49 00 - WOOD SHUTTERS
06 65 00 - PLASTIC TRIM
07 05 10 - RAINSCREEN DRAINAGE MAT
07 14 00 - FLUID APPLIED WATER PROOFING
07 21 29 - SPRAYED INSULATION
07 25 00 - WEATHER BARRIER
07 30 10 - UNDERLAYMENT
07 32 00 - SYNTHETIC SLATE SHINGLES
07 54 00 - MEMBRANE ROOFING

07 60 00 - FLASHING & SHEET METAL
07 61 00 - SHEET METAL ROOFING
07 71 00 - ROOF SPECIALTIES
07 71 23 - GUTTERS & DOWNSPOUTS
07 72 85 - SNOW GUARDS
07 90 00 - JOINT SEALERS
08 11 13 - STEEL DOORS
08 11 16 - ALUMINUM CLAD DOORS
08 14 00 - WOOD DOORS
08 36 13 - SECTIONAL DOORS
08 52 13 - ALUMINUM CLAD WINDOWS
08 70 00 - HARDWARE

09 21 16 - GYPSUM BOARD
09 24 23 - CEMENT STUCCO
09 27 10 - GYPSUM BOARD ACCESSORIES
09 28 00 - BACKER BOARD & UNDERLAY.
09 30 00 - TILING
09 63 00 - BRICK & STONE FLOORING
09 64 00 - WOOD FLOORING

09 64 00 - WOOD FLOORING
09 65 10 - ATHLETIC FLOORING
09 72 00 - WALL COVERINGS
09 75 00 - STONE FACING
09 90 00 - PAINTING AND COATING
10 28 19 - GLASS SHOWER DOORS
10 31 00 - MANUFACTURED FIREPLACES
10 32 00 - FIREPLACE SPECIALTIES
10 80 01 - TOILET & BATH ACCESSORIES

10 84 00 - GAS LIGHTING
11 45 10 - RESIDENTIAL APPLIANCES
12 20 00 - WINDOW TREATMENTS
12 36 00 - COUNTERTOPS
13 11 00 - SWIMMING POOLS
14 45 00 - VEHICLE LIFTS
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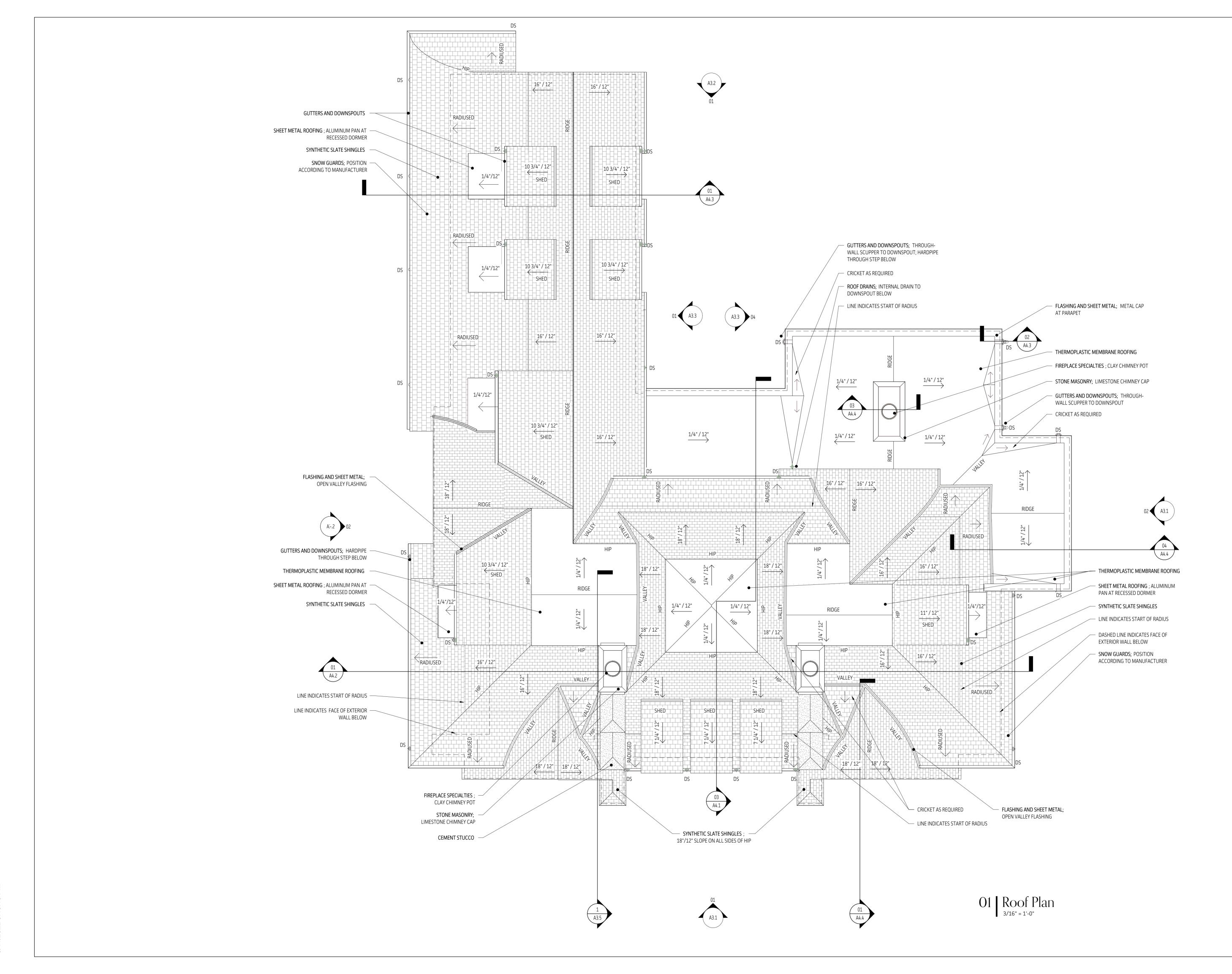
# Krapf Residence

4 San Rafael Drive Rochester, NY 14618

DATE DRAWN BY O9/14/2022 RN/EL/WT JOB NO. CHECKED BY CR

SECOND FLOOR PLAN

A2.2





GENERAL ROOF PLAN NOTES 1. Do not scale drawings. Any dimension in question should be brought to the design team's attention for clarification. 2. Notes with bolded text and a leader ending in a dot indicate that additional information is to be found in the specifications. See the referenced specification division on sheets A.01-A.05

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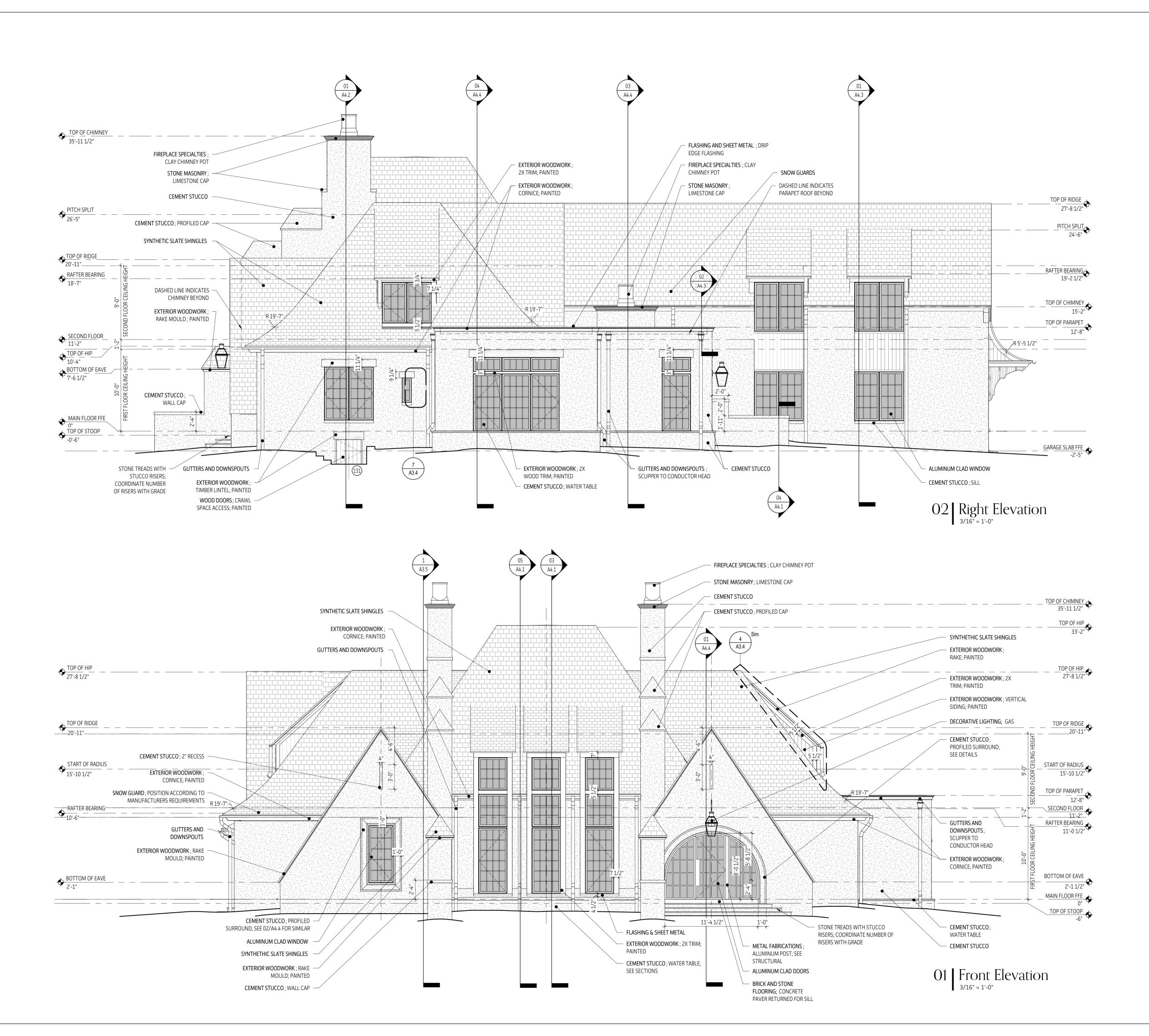
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4 San Rafael Drive Rochester, NY 14618

09/14/2022 RN/EL 19014

> SHEET TITLE **ROOF PLAN**





GENERAL ELEVATION NOTES 1. Do not scale drawings. Any dimension in question should be brought to the design team's attention for clarification. 2. Notes with bolded text and a leader ending in a dot indicate that additional information is to be found in the specifications. See the referenced specification division on sheets A.01-A.05 3. Design Team will provide full-scale templates of all timber details (including, but not limited to, beams, brackets, kneelers, and pergolas), rafter tails, and elliptical arches. Contractor to inform Design

Team when this information is

needed.

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10 84 00 - GAS LIGHTING 11 45 10 - RESIDENTIAL APPLIANCES 12 20 00 - WINDOW TREATMENTS

12 36 00 - COUNTERTOPS 13 11 00 - SWIMMING POOLS

14 45 00 - VEHICLE LIFTS 22 01 00 - PLUMBING 22 14 26 - ROOF DRAINS

26 00 00 - ELECTRICAL

31 22 00 - GRADING

23 00 00 - HEATING, VENTILATION, & AC 23 37 13 - DIFFUSERS, REGISTERS, & GRILLES

23 83 00 - RADIANT HEATING UNITS

26 51 00 - DECORATIVE LIGHTING 28 40 00 - LIFE SAFETY

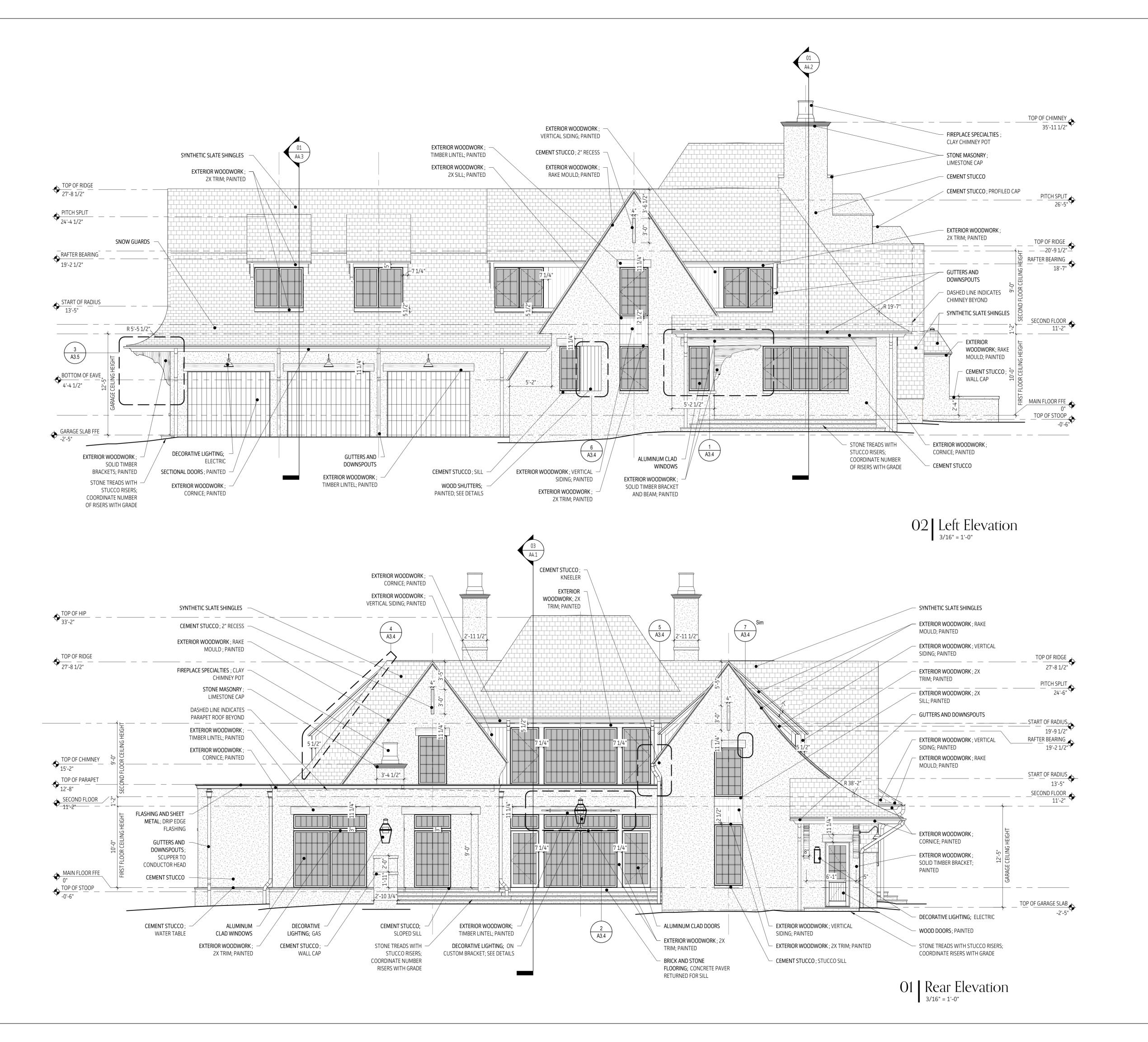
31 23 00 - EXCAVATION & FILL 31 31 16 - TERMITE CONTROL 32 32 00 - RETAINING WALLS

# Krapf Residence

4 San Rafael Drive Rochester, NY 14618

09/14/2022 RN/EL CHECKED BY 19014 CR

SHEET TITLE **EXTERIOR ELEVATIONS** 





GENERAL ELEVATION NOTES 1. Do not scale drawings. Any dimension in question should be brought to the design team's attention for clarification. 2. Notes with bolded text and a leader ending in a dot indicate that additional information is to be found in the specifications. See the referenced specification division on sheets A.01-A.05 3. Design Team will provide full-scale templates of all timber details (including, but not limited to, beams, brackets, kneelers, and pergolas), rafter tails, and elliptical arches. Contractor to inform Design

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# Krapf Residence

4 San Rafael Drive Rochester, NY 14618

09/14/2022 RN/EL CHECKED BY 19014 CR

SHEET TITLE **EXTERIOR ELEVATIONS** 



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GENERAL ELEVATION NOTES

SPECIFICATION INDEX Locations are called out on drawings. Refer to sheets A0.1 - A0.5. All notes may not be

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SECOND FLOOR

MAIN FLOOR FFE

TOP OF STOOP

MAIN FLOOR CEILING 10'-0"

used on every sheet. 03 00 00 - CONCRETE 04 21 13 - BRICK MASONRY 04 22 00 - CONCRETE UNIT MASONRY 04 40 00 - STONE ASSEMBLIES

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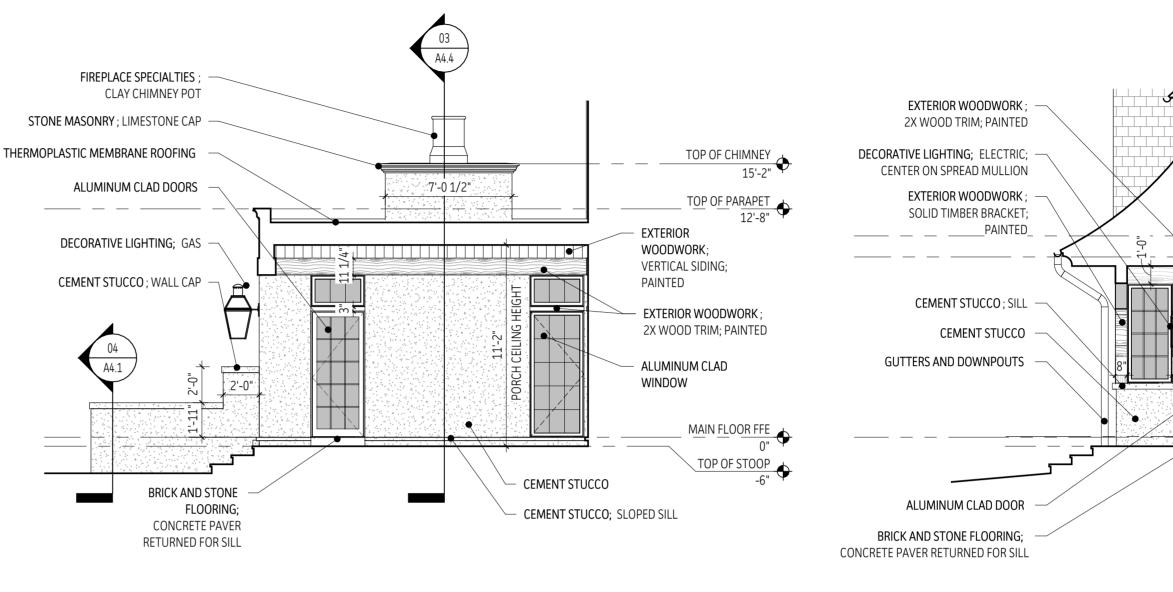
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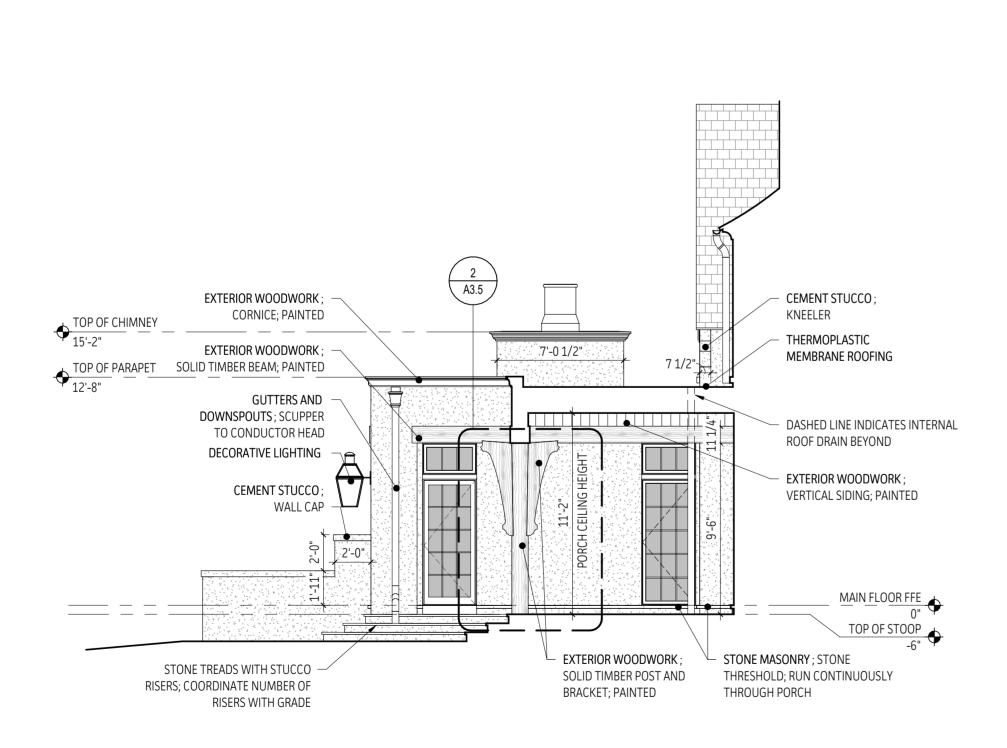
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O3 Right Porch Elevation



EXTERIOR WOODWORK;

VERTICAL SIDING; PAINTED

EXTERIOR WOODWORK; 2X

**GUTTERS AND DOWNSPOUTS;** 

INTERNAL DRAIN ABOVE; HARD

BRICK AND STONE FLOORING;

CONCRETE PAVER RETURNED FOR SILL

PIPE THROUGH PORCH SLAB

WOOD TRIM; PAINTED

ALUMINUM CLAD WINDOWS

ALUMINUM CLAD DOORS

04 Left Courtyard Elevation

MAIN FLOOR FFE

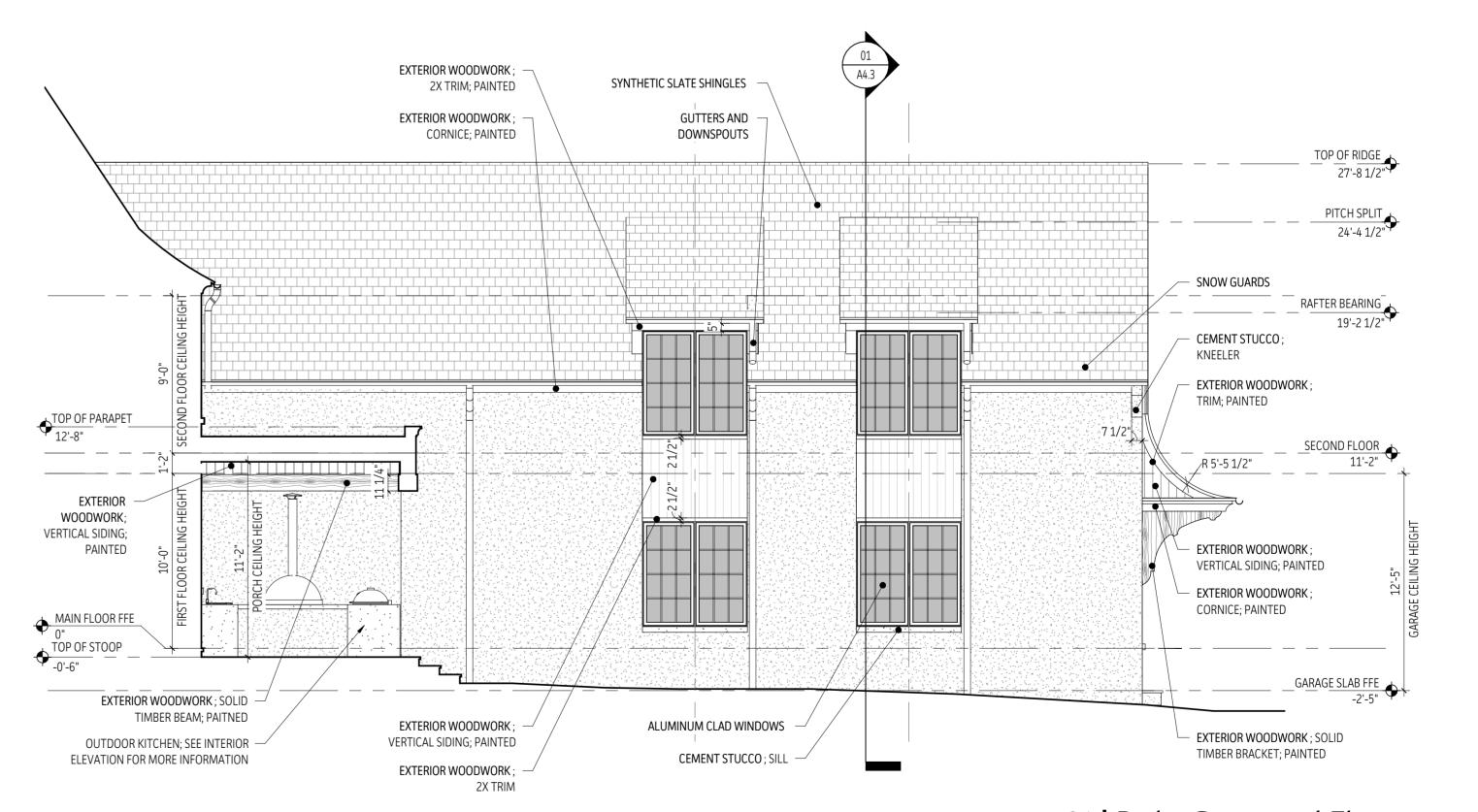
TOP OF STOOP

OUTDOOR KITCHEN; SEE

MORE INFORMATION

O5 Rear Porch Elevation

INTERIOR ELEVATIONS FOR



01 Right Courtyard Elevation

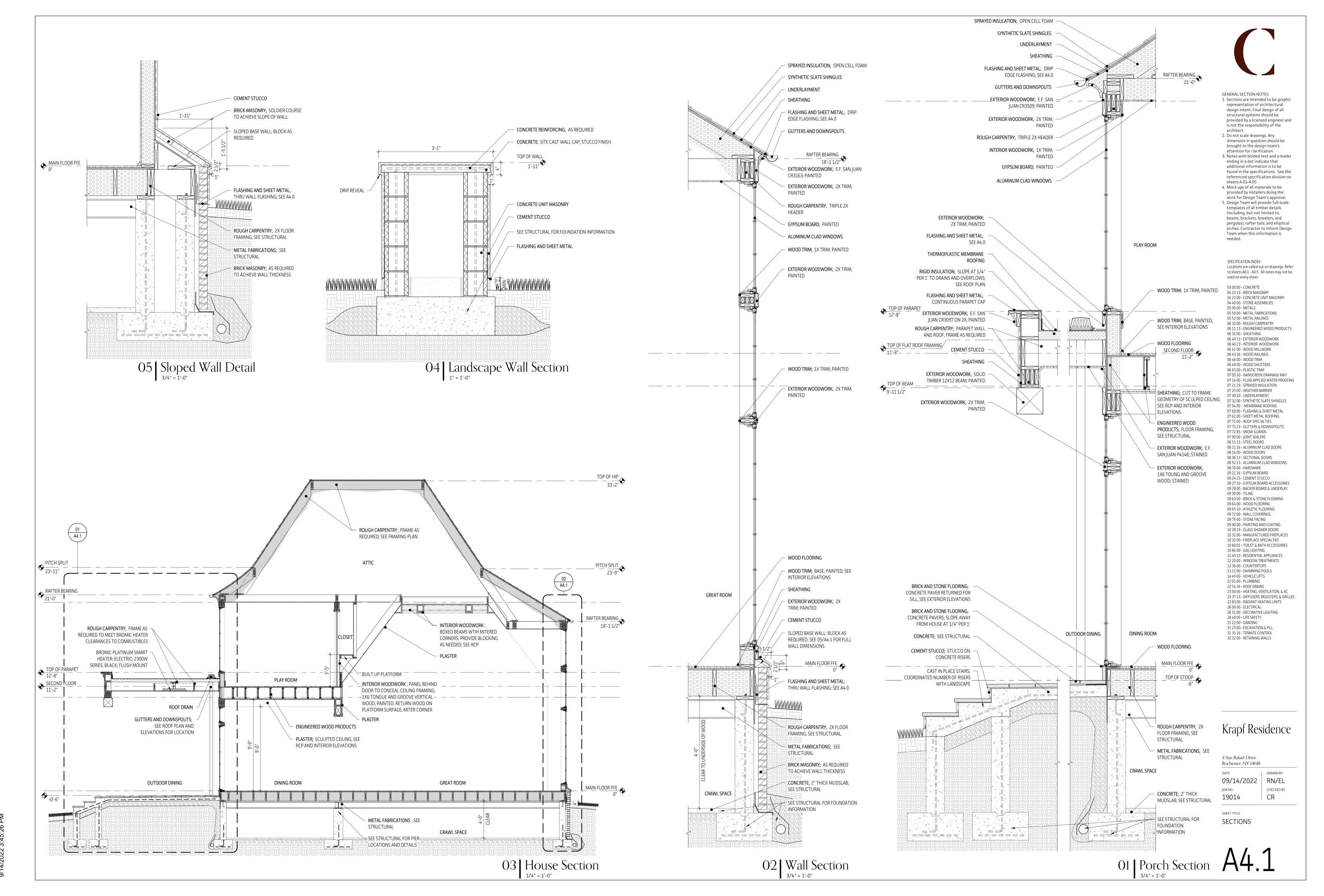
02 | Left Side Porch Elevation

Krapf Residence

4 San Rafael Drive Rochester, NY 14618

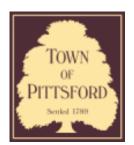
09/14/2022 RN/EL JOB NO. CHECKED BY 19014 CR

SHEET TITLE **EXTERIOR ELEVATIONS** 



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9/13/22, 1:48 PM Letter View



## **Town of Pittsford**

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

Permit # B22-000134

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

# DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 25 Trotters Field PITTSFORD, NY 14534

**Tax ID Number:** 164.17-1-42

Zoning District: RN Residential Neighborhood

Owner: Peplin, Joseph E

Applicant: Patio Solutions DBA Unlimited Enclosures Hart Inc.

## **Application Type:**

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

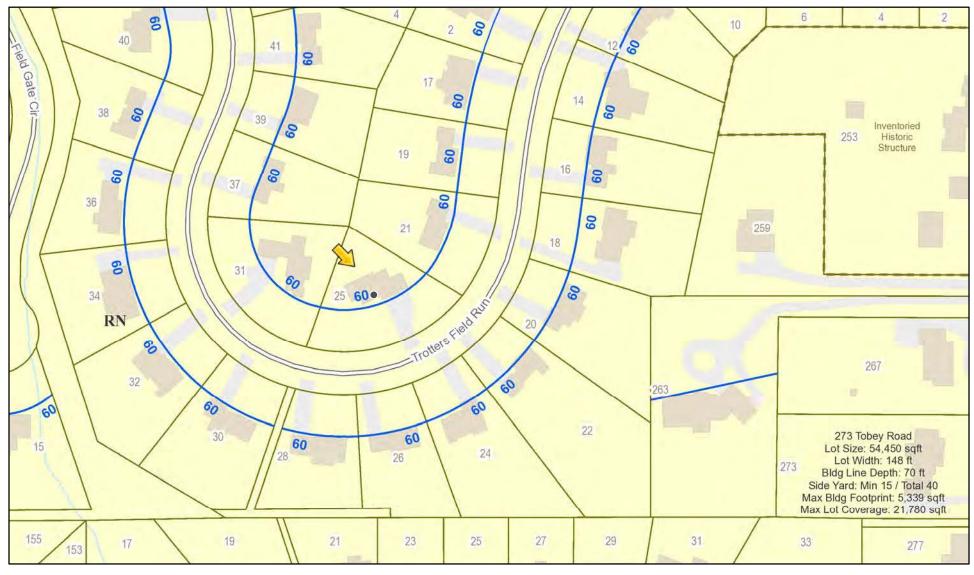
**Project Description:** Applicant is requesting design review for the construction of an approximately 154 SF screen room addition off the front of the house.

Meeting Date: September 22, 2022

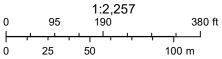




## RN Residential Neighborhood Zoning



Printed September 13, 2022



Town of Pittsford GIS

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



## CLIMATIC & GEOGRAPHICAL DESIGN CRITERIA:

-TABLE R3Ø12(1) 2Ø2Ø RESIDENTIAL CODE

GROUND SNOW LOAD	WIND SPEED (mph)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM				ICE SHIELD	
			WEATHERING	FROST LINE DEPTH	TERMITE	DECAY	UNDERLAYMENT REQUIRED	FLOOD HAZARDS
40	115	В	SEVERE	42"	SLIGHT TO MODERATE	NONE TO SLIGHT	YES	NO

GENERAL NOTES & CODE

# PEPLIN Residence

Town of Pittsford, NY

GENERAL NOTES:

- THIS SET OF PLANS HAS BEEN DESIGNED AND SHALL BE BUILT TO COMPLY WITH THE RESIDENTIAL CODE OF NYS AND MEETS OR EXCEEDS THE NYS ENERGY CONSTRUCTION SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
- . GENERAL CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCE AND SAFETY ISSUES IN REFERENCE TO THE CONSTRUCTION CONTRACT.
- 3. GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, REQUIREMENTS, NOTES, AND DIMENSIONS PRIOR TO START OF CONSTRUCTION. ANY
- DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION 4. GENERAL CONTRACTOR TO PROVIDE ADEQUATE SUPPORT OF EXISTING FOUNDATION WALLS, LOAD
- (IF APPLICABLE TO PROJECT) AND CONSTRUCTION. 5. ALL PRE-ENGINEERED ROOF & WALL SYSTEMS AND
- THEIR BLOCKING/BRACING TO BE CERTIFIED BY THE MANUFACTURER.
- 6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH OTHER TRADES WHEREVER THEY OVERLAP. . WHEN MATERIALS AND/OR FINISHES ARE FOUND TO BE ABSENT, OR WHEN EXISTING CONSTRUCTION IS

RENOVATED IN ANY WAY CONTRACTOR SHALL

8. PROVIDE ALL BLOCKING, FURRING AND SHIMMING AS NECESSARY FOR INSTALLATION AND COMPLETION OF THE WORK.

SAME TYPE AND QUALITY AS TO MATCH ADJACENT

PROVIDE PATCHING AND PAINTING WITH MATERIALS OF

## ADDITIONS & RENOVATIONS:

- FOR ADDITIONS AND RENOVATIONS: WHERE WALL AND/OR CEILING FINISHES ARE REMOVED TO EXPOSE THE STRUCTURE, SMOKE & CARBON MONOXIDE DETECTORS SHALL BE HARD-WIRED OTHER DETECTORS MAY BE BATTERY OPERATED. HARD-WIRED DETECTORS SHALL BE INTERCONNECTED SUCH THAT IF ONE ACTIVATES. ALL WILL ACTIVATE, DETECTORS SHALL BE LISTED AND INSTALLED IN ACCORDANCE WITH NFPA-72 AND APPENDIX J OF THE RESIDENTIAL CODE, LISTED COMBINATION SMOKE/CARBON MONOXIDE ALARM MAY BE USED IN LIEU OF SMOKE ALARMS
- FOR ADDITIONS AND RENOVATIONS REFER TO N.Y.S. RESIDENTIAL CODE: WHICH STATES THAT ADDITIONS, ALTERATIONS OR REPAIRS TO ANY STRUCTURE SHALL CONFORM TO THE REQUIREMENTS OF A NEW STRUCTURE WITHOUT REQUIRING THE EXISTING STRUCTURE TO COMPLY WITH ALL OF THE REQUIREMENTS OF THIS CODE, UNLESS OTHERWISE STATED. ADDITIONS, ALTERATIONS OR REPAIRS AND RELOCATIONS SHALL NOT CAUSE AN EXISTING STRUCTURE TO BECOME UNSAFE OR ADVERSELY AFFECT THE
- B. ADDITIONS AND ALTERATIONS—LEVEL 2. ADDITIONS AND SUBSTANTIAL RENOVATIONS SHALL CONFORM WITH THE ENERGY EFFICIENCY REQUIREMENTS OF THE RESIDENTIAL CODE OF

## 9. ALL NEW WORK SHALL BE PLUMB, LEVEL AND SQUARE,

## SCRIBE AND MAKE FIT ALL NEW WORK TO EXISTING (IF APPLICABLE TO PROJECT).

- 10. ALL DETAILS ARE SUBJECT TO CHANGE DUE TO EXISTING FIELD CONDITIONS. CONTRACTOR MUST NOTIFY OWNER AND ARCHITECT IF SO.
- COORDINATE INTERIOR DOORS/HARDWARE WOOD TRIM AND FINISHES, AND EXTERIOR FINISH MATERIALS (SIDING, ROOFING, ETC.) TO MATCH EXISTING (IF APPLICABLE TO PROJECT). FINAL SELECTIONS BY OWNER AND GENERAL CONTRACTOR, UNLESS OTHERWISE
- 2. COORDINATE THE INSTALLATION OF CONTINUOUS ALUMINUM GUTTERS AND DOWNSPOUTS TO MATCH EXISTING (IF APPLICABLE TO PROJECT). DOWNSPOUTS NOT LOCATED ON DRAWINGS ARE TO BE LOCATED IN
- 13. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL SITEWORK, INCLUDING FINISH GRADING AND SEEDING IF APPLICABLE.
- 14. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ELECTRIC, PLUMBING AND HVAC SYSTEM INSTALLATION. VERIFY CAPACITY AND LOCATION OF EXISTING UTILITIES/SERVICES PRIOR TO CONSTRUCTION (IF APPLICABLE TO PROJECT).
- MEANS AND METHODS REQUIRED FOR A COMPLETE INSTALLATION. THE INTENT IS TO INDICATE THE GENERAL SCOPE FOR THE PROJECT. IN TERMS OF THE ARCHITECTURAL DESIGN CONCEPT, THE LOCATION/DIMENSIONS OF THE CONSTRUCTION AND MAJOR ARCHITECTURAL ELEMENTS OF CONSTRUCTION.

- 15. THESE DOCUMENTS DO NOT PURPORT TO SHOW ALL
- 4. ENERGY EFFICIENCY FOR ADDITIONS, ALTERATIONS, OR RENOVATIONS TO AN EXISTING BUILDING, BUILDING SYSTEM OR PORTION THEREOF SHALL CONFORM TO THE PROVISIONS OF THE NYS RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION WITHOUT REQUIRING THE UNALTERED PORTION(S) OF THE EXISTING BUILDING OR BUILDING SYSTEM TO COMPLY WITH THESE REQUIREMENTS. AN ADDITION SHALL BE DEEMED TO COMPLY WITH THESE REQUIREMENTS IF THE ADDITION ALONE COMPLIES OR IF THE EXISTING BUILDING AND ADDITION COMPLY WITH THESE REQUIREMENTS AS A SINGLE BUILDING. ADDITIONS, ALTERATIONS, OR RENOVATIONS
- 5. EXCEPTION: THE FOLLOWING NEED NOT COMPLY PROVIDED THE ENERGY USE OF THE BUILDING IS NOT INCREASED:

SHALL NOT CREATE AN UNSAFE OR HAZARDOUS

CONDITION OR OVERLOAD EXISTING BUILDING

- SUN ROOMS WITH THERMAL ISOLATION FROM THE HOUSE AS PER NII02.2.13 (R402.2.13) OF THE
- RESIDENTIAL CODE OF NYS. MINIMUM CEILING VALUE IS R-24 MINIMUM WALL VALUE IS R-13

## CODE REQUIREMENTS:

- GLAZING TO BE TEMPERED WHEN CONSIDERED A HAZARDOUS LOCATION AS DEFINED IN THE RESIDENTIAL CODE OF NYS SUCH AS:
- GLAZING IN DOORSGLAZING ADJACENT TO DOORS WITHIN 24" OF A DOOR, WHEN BOTTOM EDGE IS LESS THAN 60° AFF.

  GLAZING IN WINDOWS - WHEN INDIVIDUAL PANE IS
  GREATER THAN 9 SF, BOTTOM EDGE IS LESS THAN IS'
  AFF, TOP EDGE IS GREATER THAN 36° AFF, AND
- WALKING SURFACE IS WITHIN 36".

  GLAZING & WET SURFACES ANY GLAZING IN WALLS SURROUNDING TUBS, SHOWERS, SAUNAS WHERE BOTTOM EDGE 18 LESS THAN 60' AFF
  GLAZING ADJACENT TO STAIRWAYS AND RAMPS BOTTOM EDGE OF GLAZING IS LESS THAN 60' AFF.

  THE MAXIMUM ALLOWABLE U-FACTOR FOR ALL NEW

EXTERIOR DOORS AND WINDOWS SHALL BE 030. THE MAXIMUM ALLOWABLE U-FACTOR FOR SKYLIGHTS

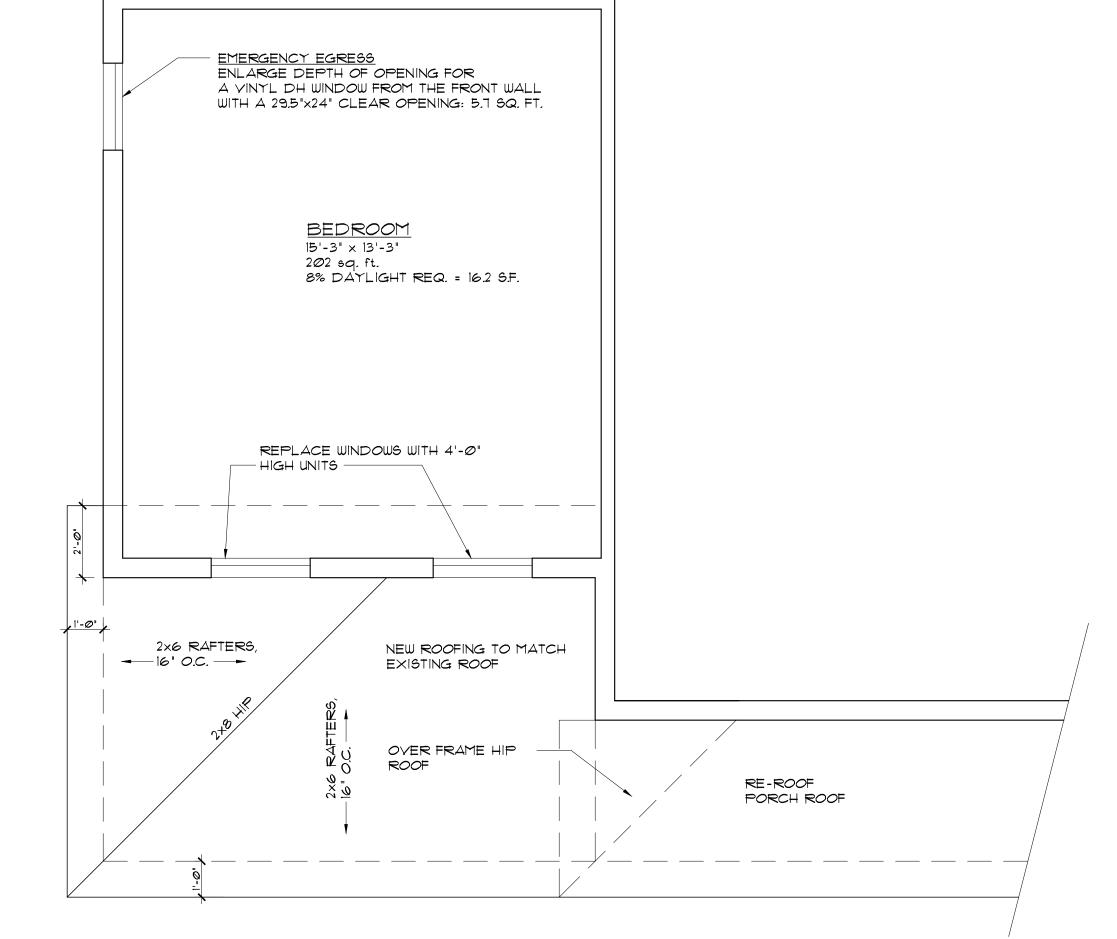
- ELECTRICAL/ MECHANICAL/ PLUMBING:
- EXCEED LOCAL & NATIONAL CODES AND SHALL BE
- WHERE WALL AND/OR CEILING FINISHES ARE REMOVED TO EXPOSE THE STRUCTURE, ALARMS SHALL BE HARD-WIRED. OTHER ALARMS MAY BE BATTERY

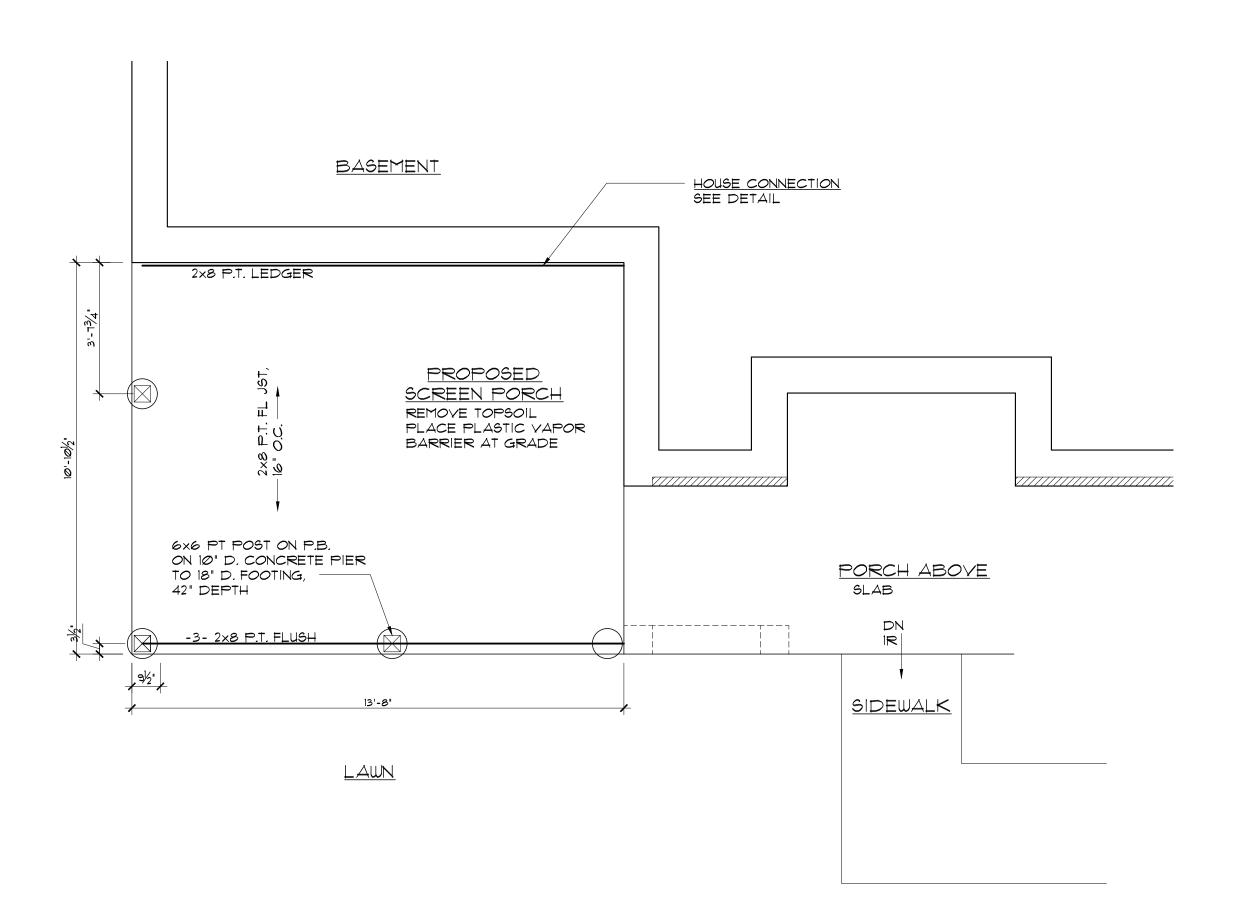
## STRUCTURAL LOADING DESIGN CRITERIA:

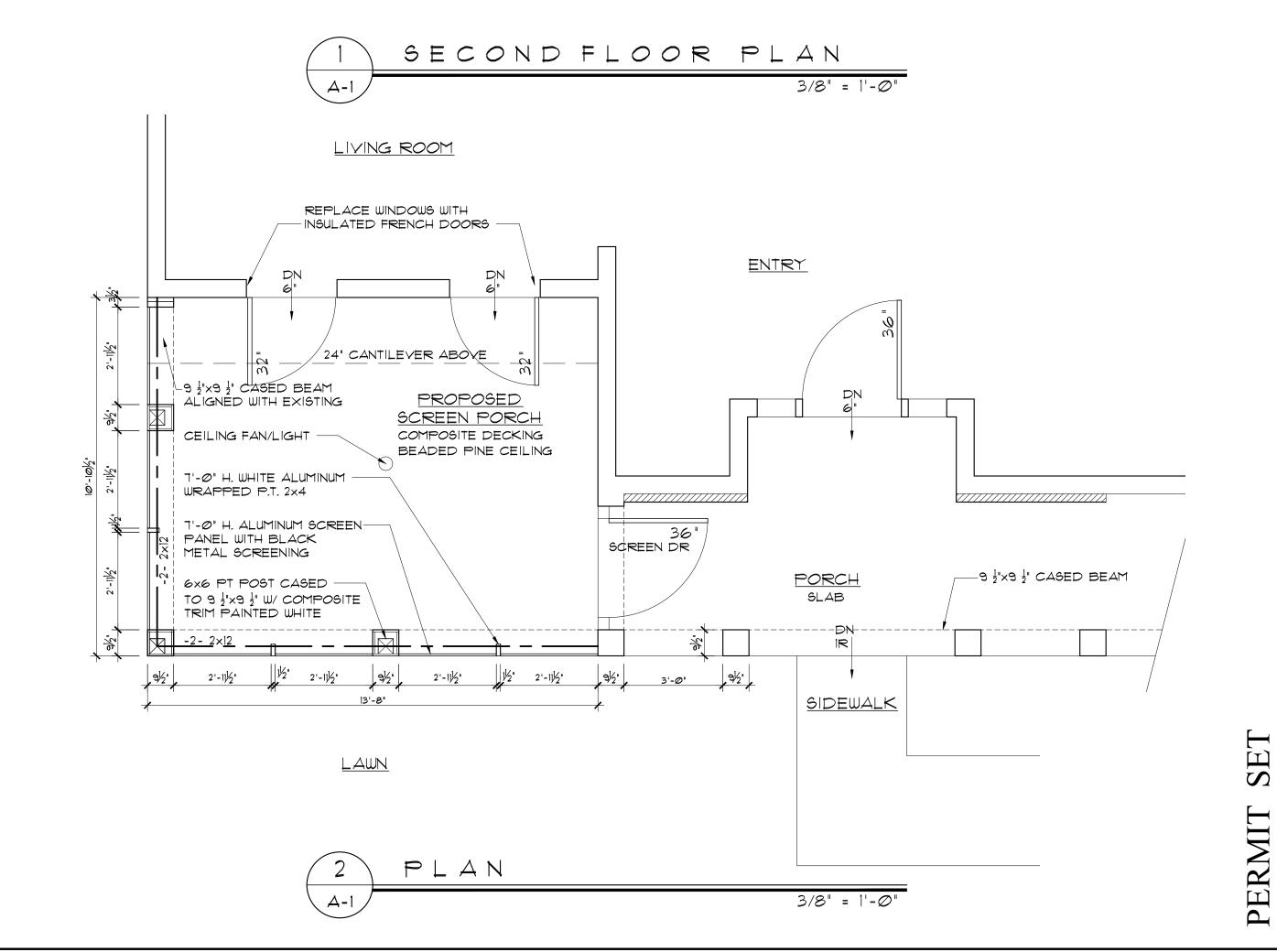
- ALL LOADS IN POUNDS PER SQUARE FOOT

LOCATION	LIVE	DEAD	LIMIT
IST FLOOR	40	15	L/360
2ND FLOOR (SLEEPING)	30	10	L/360
2ND FLOOR (NON-SLEEPING)	40	10	L/360
ATTIC (NO STORAGE)	10	5	L/24Ø
ATTIC (LIGHT STORAGE)	20	10	L/24Ø
ROOF (W/ FINISHED CLNG.)		20	L/24Ø
ROOF (W/ NO FINISHED CLNG.)		15	L/18Ø
DECKS	50	100	1/360

NOTE: ASSUMED SAFE SOIL BEARING CAPACITY IS 2,000 PSF AT MIN. FROST DEPTH. VALUES MAY BE INCREASED IF SITE SPECIFIC SOIL CLASSIFICATION OR LOAD BEARING TEST DATA IS

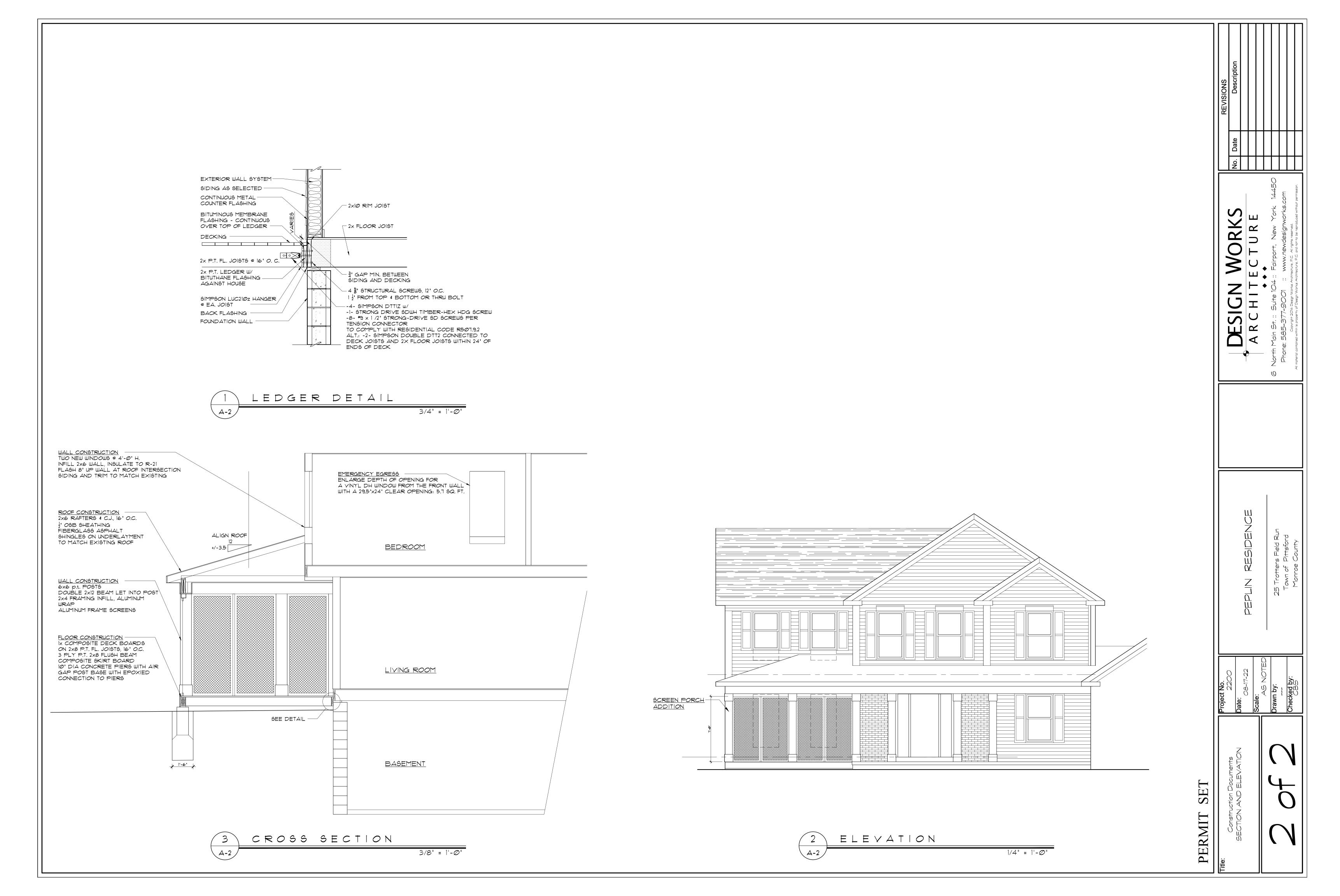


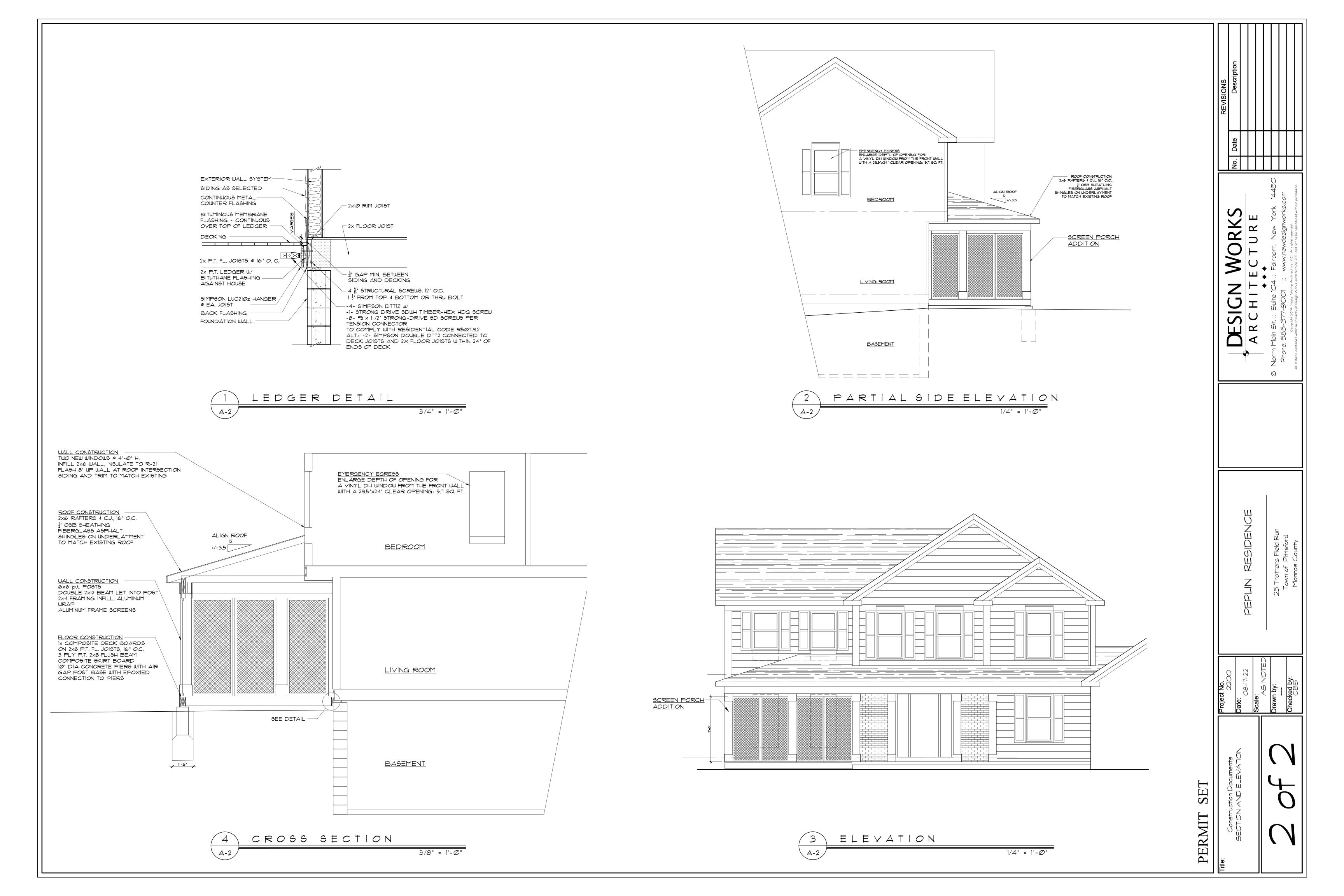




FOUNDATION PLAN

3/8" = 1'-0"













#### **Town of Pittsford**

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

Permit # B22-000142

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 27 Whitestone Lane	ROCHESTER, NY 14618
Tax ID Number: 137.20-2-26	

Zoning District: RN Residential Neighborhood

Owner: Shanahan, Anne C Applicant: Shanahan, Anne C

_			_	
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$\boldsymbol{\neg}$	NIIV	Jauc	/II I	vvc.

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

**Project Description:** The applicant is requesting design review for an approximate 70 SF covered porch over the front main entry of the home.

Meeting Date: September 22, 2022



#### RN Residential Neighborhood Zoning

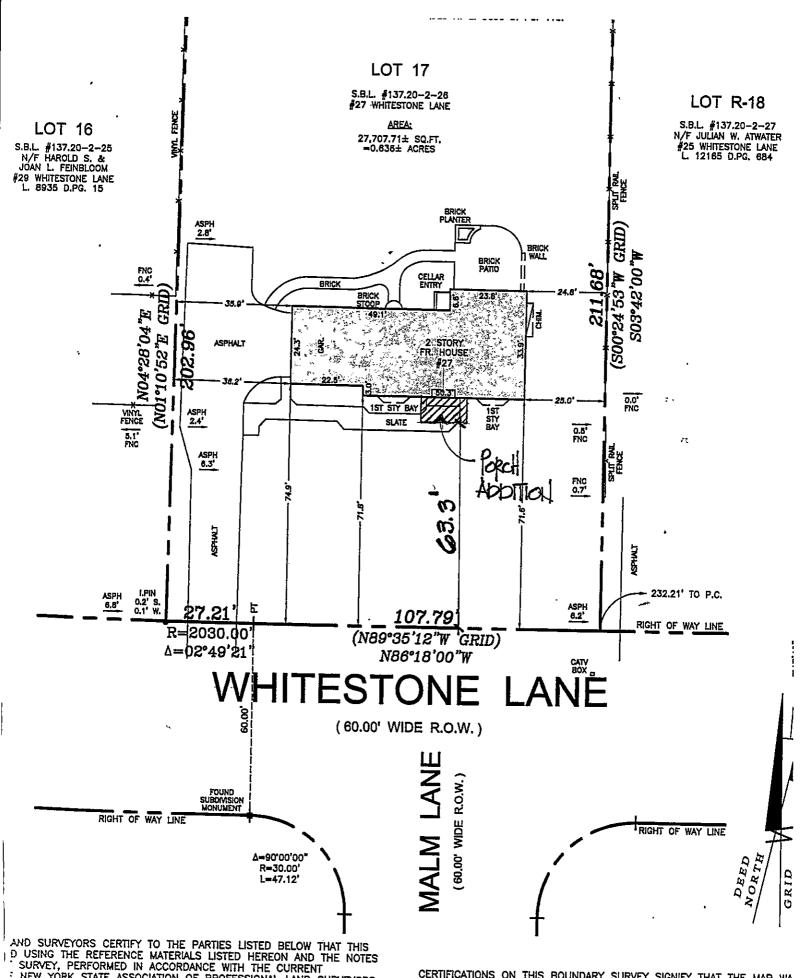


Town of Pittsford GIS

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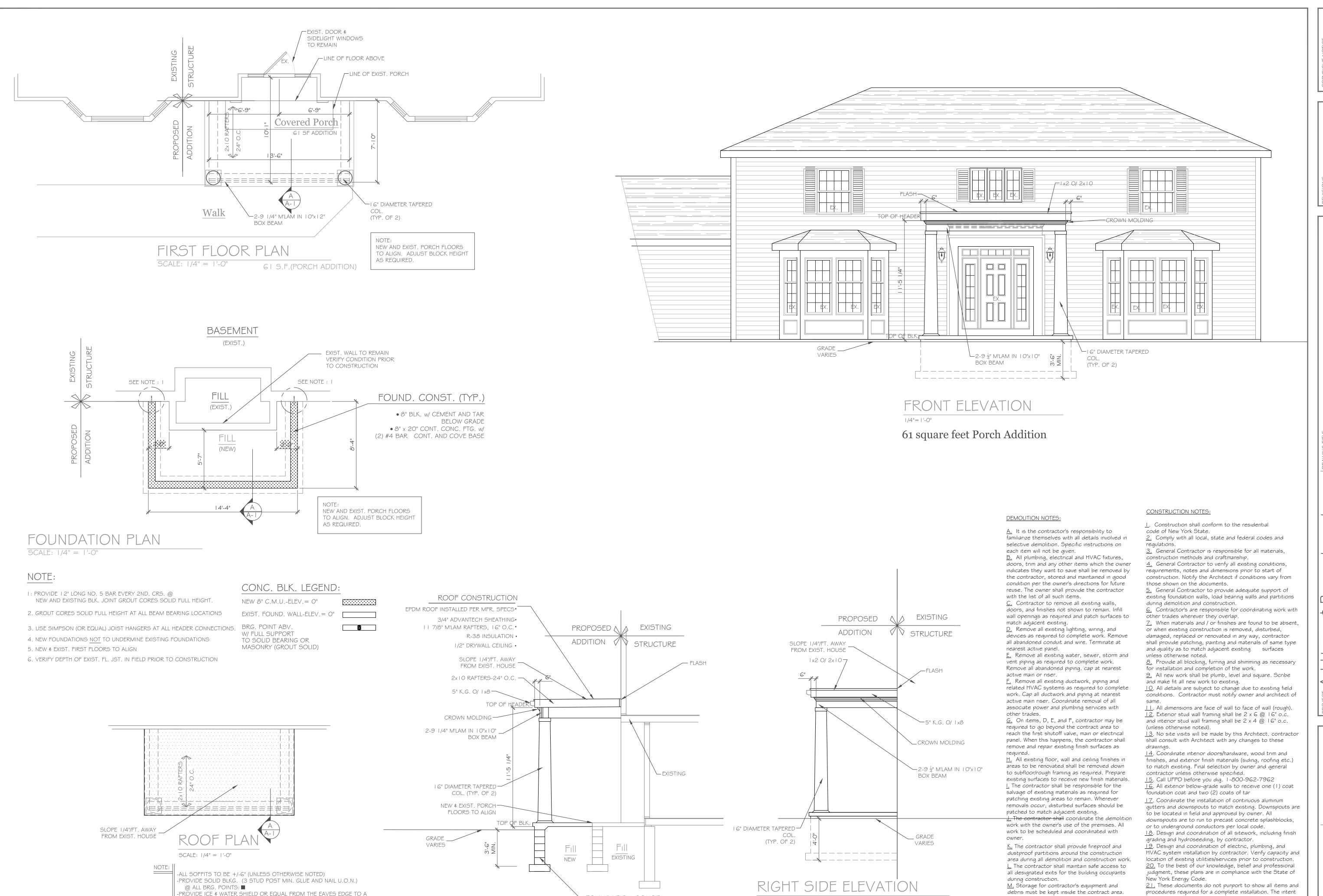
20 m





NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, H 16, 2022 ty ਦੀਰ & Fazio, LLP jage, linc., it's successors and/or assigns as their interests may appear

CERTIFICATIONS ON THIS BOUNDARY SURVEY SIGNIFY THAT THE MAP WA PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRA LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PR LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO PERSONS FOF THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE COMPANY, TO GOVERNMENTAL AGENCY, AND TO THE LENDING INSTITUTION LISTED ON



FOUNDATION CONST.

• 20"x8" CONT. CONC. FTG. w/ COVE BASE

SECTION .+/-5 CRS. 8" BLK.
20"x8" CONT. CONC

POINT AT LEAST 24 INCHES INSIDE THE EXTERIOR WALL LINE OF THE HOUSE.

a T

Foundation Section <u>Ö</u> <u>a</u> OIII 7

S

DRAWING NO.-

is to indicate the general scope for the project, in terms of

the architectural design concept, the location/dimensions of

the construction and major architectural elements of

N. Dumpsters for construction debris are to be

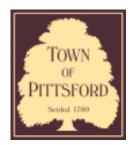
provided by contractor. All debris to be hauled

off site upon removal by contractor.

should be done so in accordance with established A.H.E.R.A. regulations.

O. If materials are suspected to contain asbestos, contractor is to immediately inform owner and architect. All existing materials known to contain asbestos that are to be removed

9/13/22, 1:03 PM Letter View



#### **Town of Pittsford**

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

Permit # B22-000136

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 7 Black Wood Circle PITTSFORD, NY 14534

**Tax ID Number:** 178.03-5-40

Zoning District: IZ Incentive Zoning

Owner: Wilshire Hill LLC Applicant: Pride Mark Homes

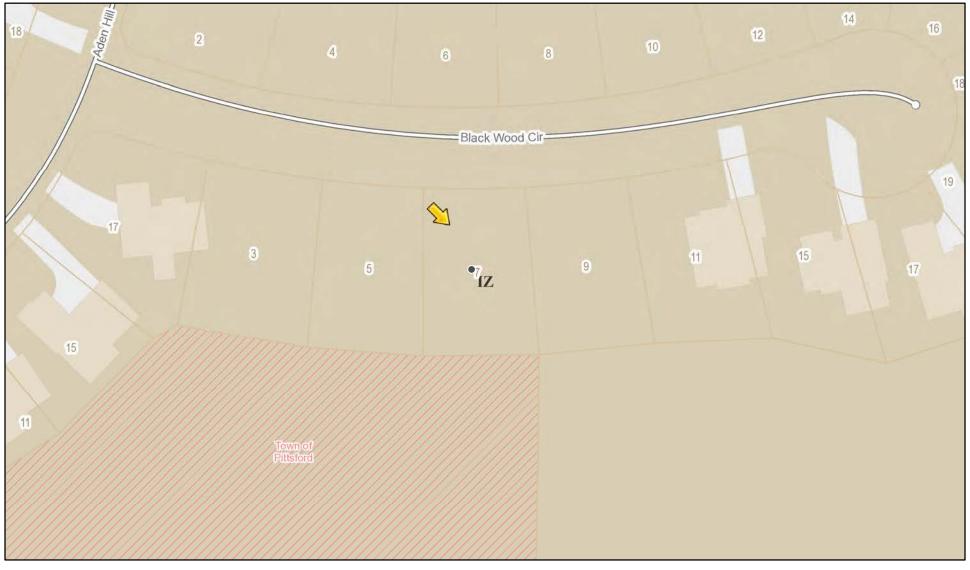
A	aa	lic	ati	on	Ty	pe:
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application Type:	
Residential Design Review §185-205 (B)	Build to Line Adjustment §185-17 (B) (2)
Commercial Design Review §185-205 (B)	Building Height Above 30 Feet §185-17 (M)
Signage §185-205 (C)	Corner Lot Orientation §185-17 (K) (3)
Certificate of Appropriateness §185-197	Flag Lot Building Line Location §185-17 (L) (1) (c)
Landmark Designation §185-195 (2)	Undeveloped Flag Lot Requirements §185-17 (L) (2)
Informal Review	

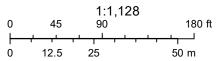
**Project Description:** Applicant is requesting design review for the construction of a one story single family home. The home will be approximately 2013 square feet and will be located in the Whilshire Hills Subdivison.

Meeting Date: September 22, 2022

### RN Residential Neighborhood Zoning



Printed September 13, 2022



Town of Pittsford GIS

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



# DESIGN CRITERIA:

-For Greater Rochester Area and surrounding counties.

IST \$ 2ND FLOOR LIVING AREA LIVE LOAD

SLEEPING AND ATTIC AREA LIVE LOAD

FLOOR DEAD LOAD

GROUND SNOW LOAD

40 PSF

40 PSF

10 PSF

ALLOWABLE SOIL BEARING 2500 PSF AT MINIMUM 42" BELOW FINISHED GRADE

WIND SPEED 115 MPH, EXPOSURE B

SEISMIC DESIGN

WEATHERING

SEVERE

FROST DEPTH LINE

42 INCHES

TERMITE DAMAGE

SLIGHT TO MODERATE

DECAY DAMAGE

NONE TO SLIGHT

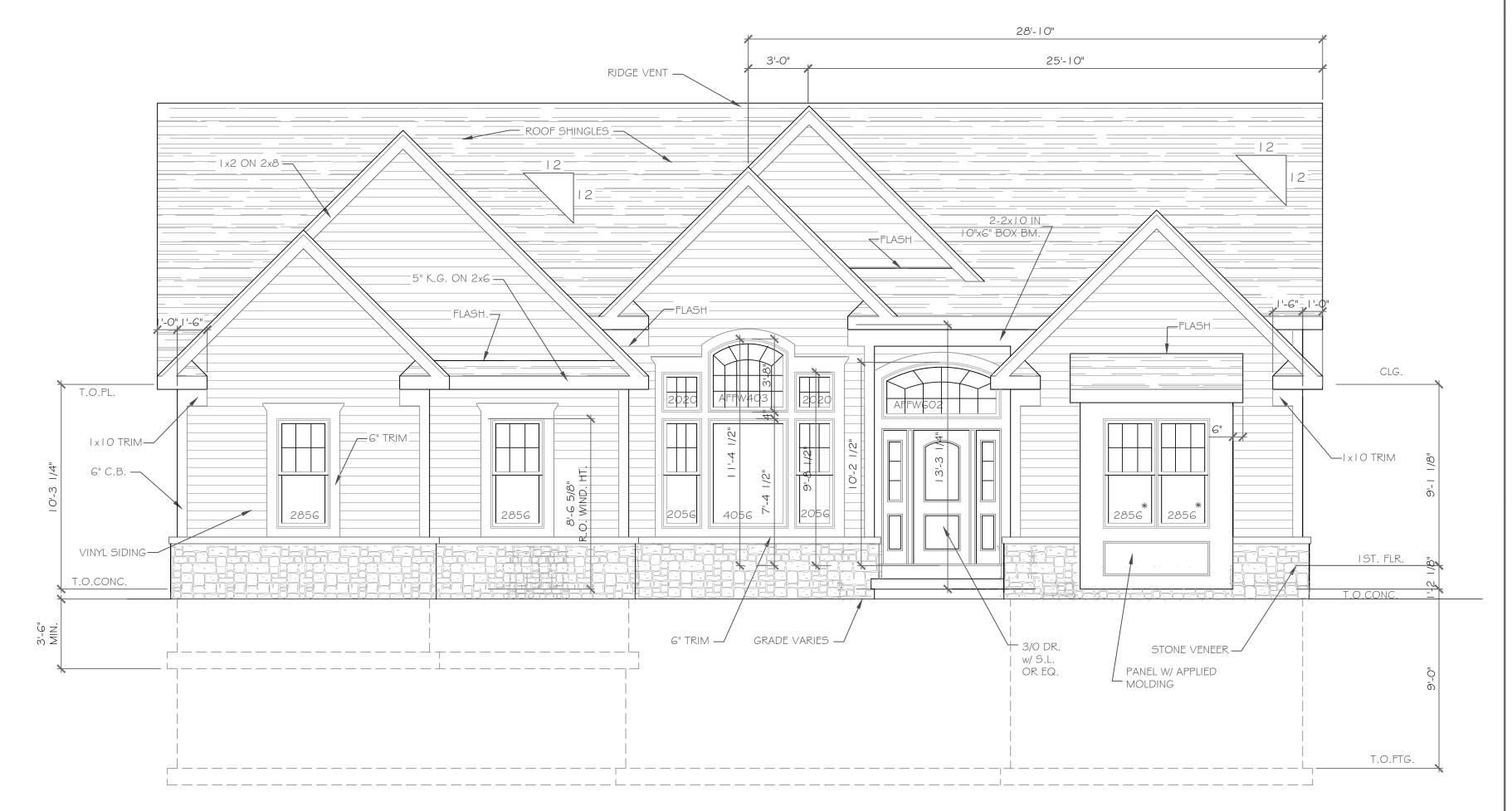
WINTER DESIGN TEMPERATURE I DEGREE

ICE SHIELD UNDERLAYMENT REQUIRED 24" INSIDE OF EXTERIOR WALL LINE

FLOOD HAZARD FIRM - 1992

ROOF TIE DOWN REQUIREMENTS R802.11, BASED UPON

SPECIFIC ROOF DESIGN



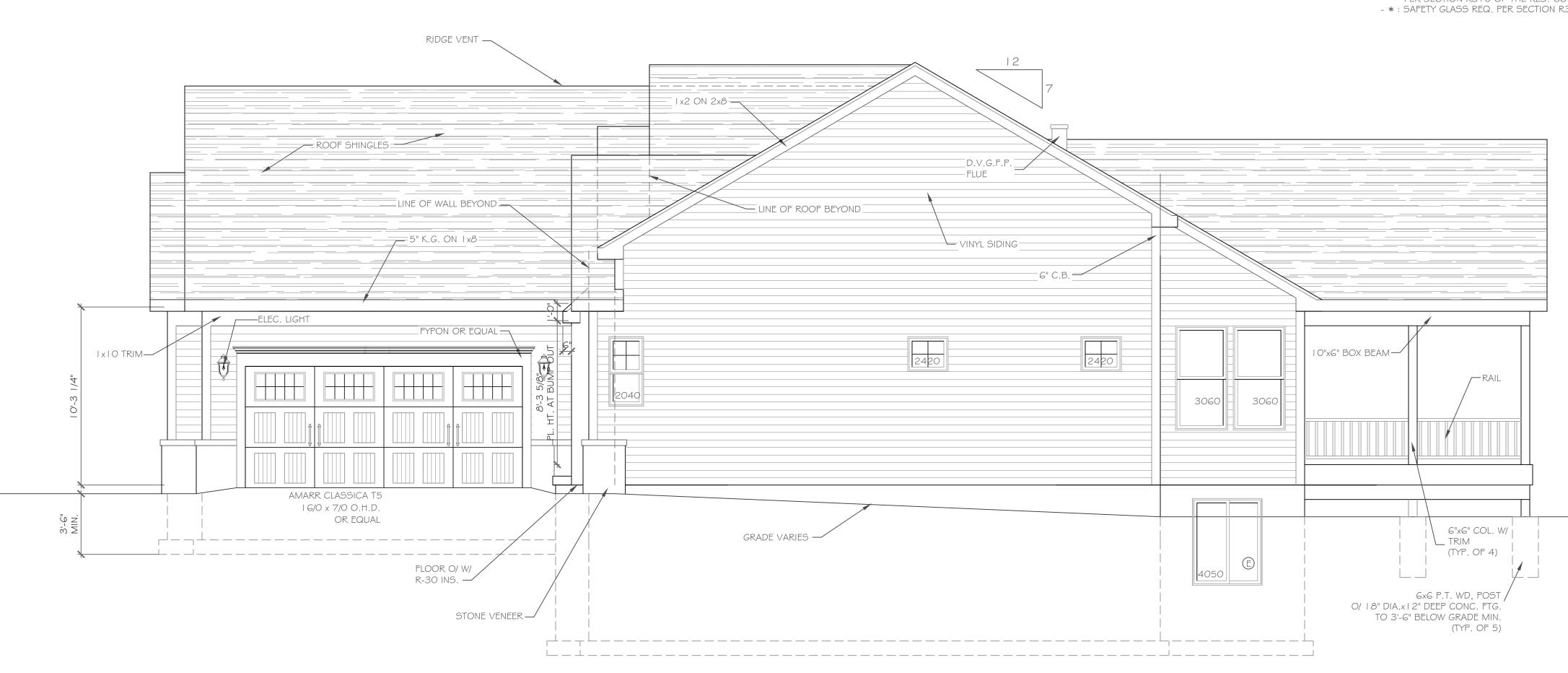
FRONT ELEVATION

2013 S.F.

1/4"= | '-0"

NOTE: - WINDOWS TO BE "GREAT LAKES" DOUBLE-HUNG
- DOORS TO BE "THERMA-TRU" OR EQ.
- DOWN SPOUTS TO BE LOCATED BY CONTRACTOR IN FIELD
-(E): WINDOW MEETS OR EXCEEDS THE EGRESS REQUIREMENTS

PER SECTION R3 I O OF THE RES. CODE OF NYS
- \*: SAFETY GLASS REQ. PER SECTION R308.4 OF THE RES. CODE OF NYS



RIGHT SIDE ELEVATION

ot 39C

Jot 39C

Milshire Hill, Pittsford, N.Y.

Pride Mark Homes

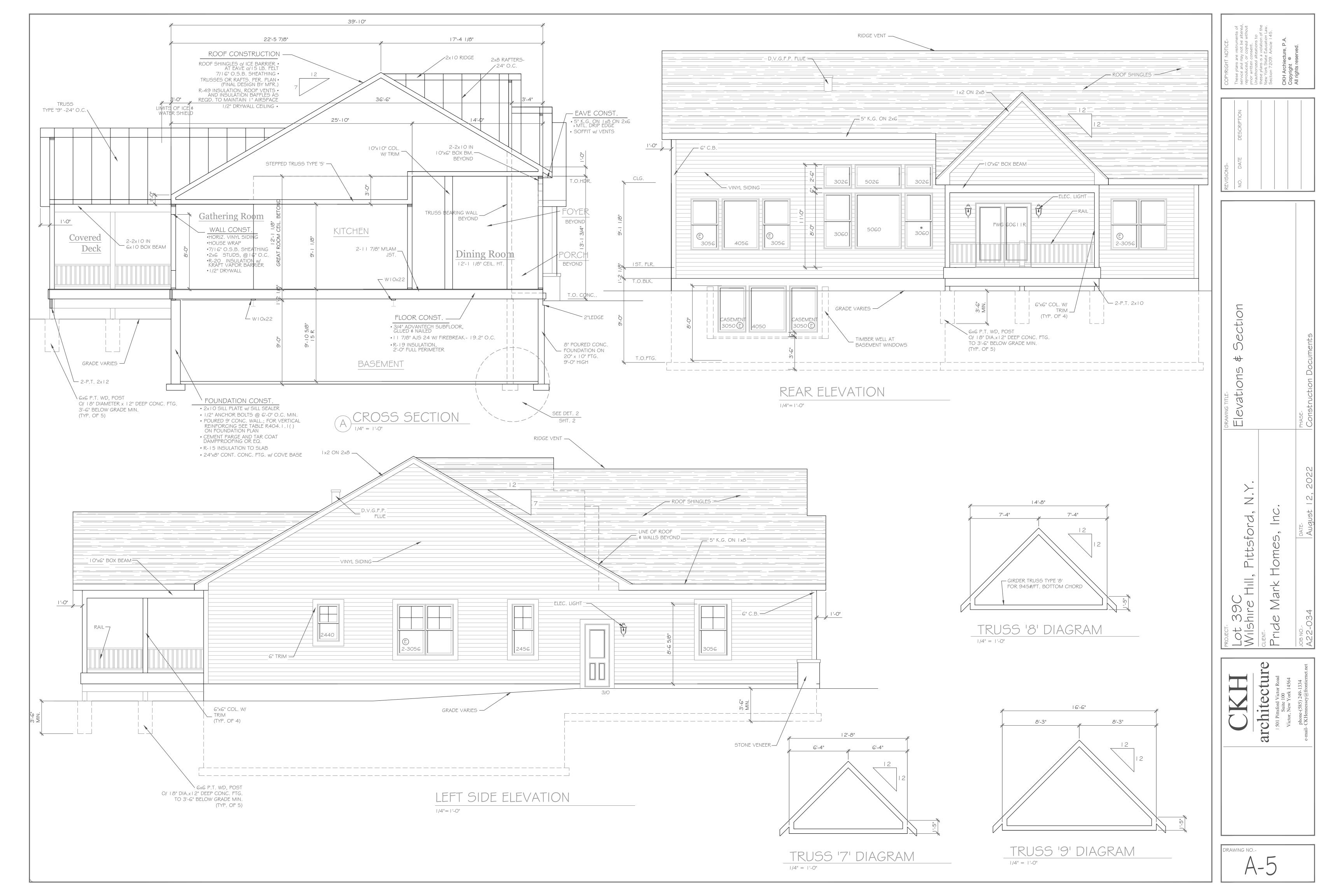
August 12, 2022

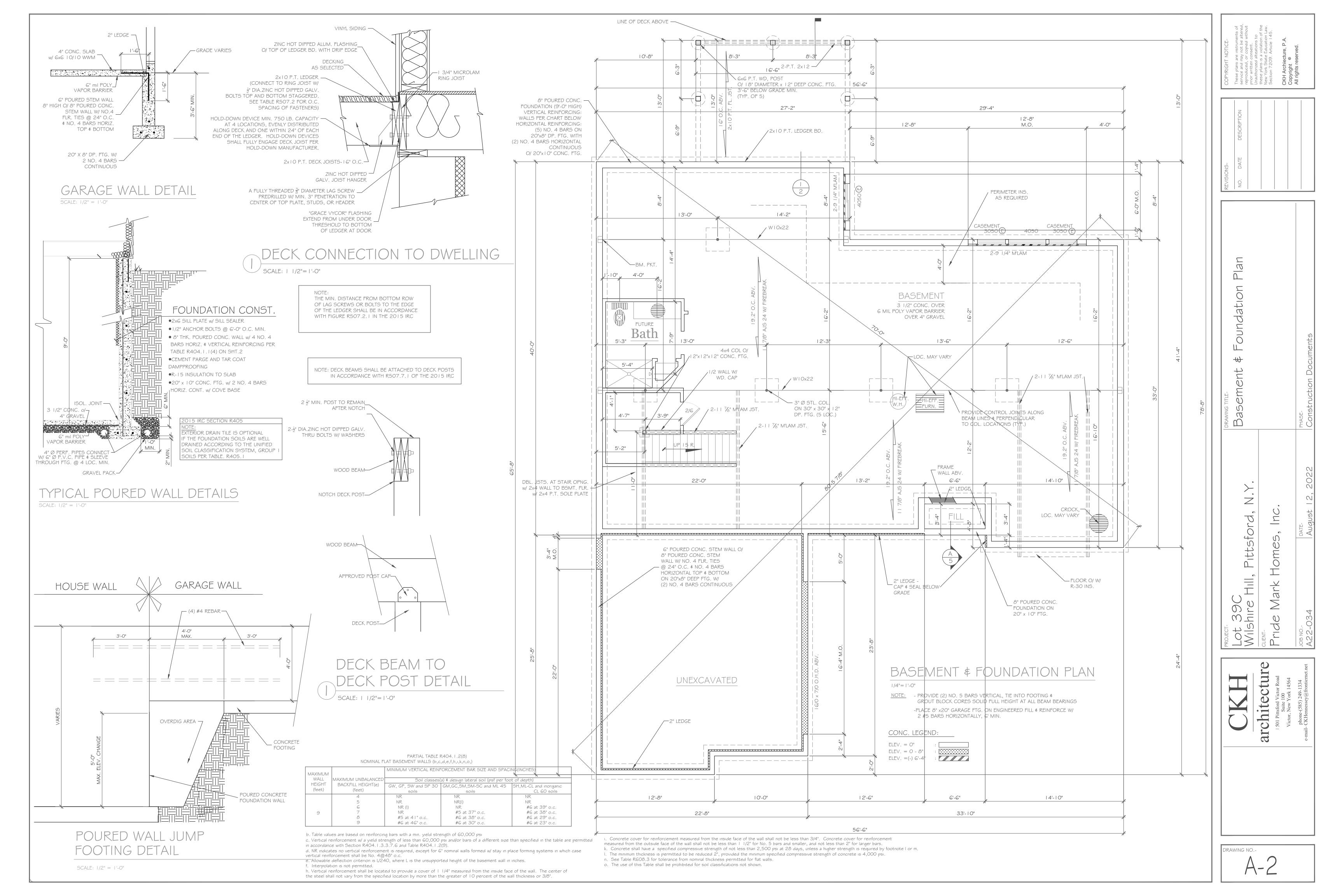
Construction Documents

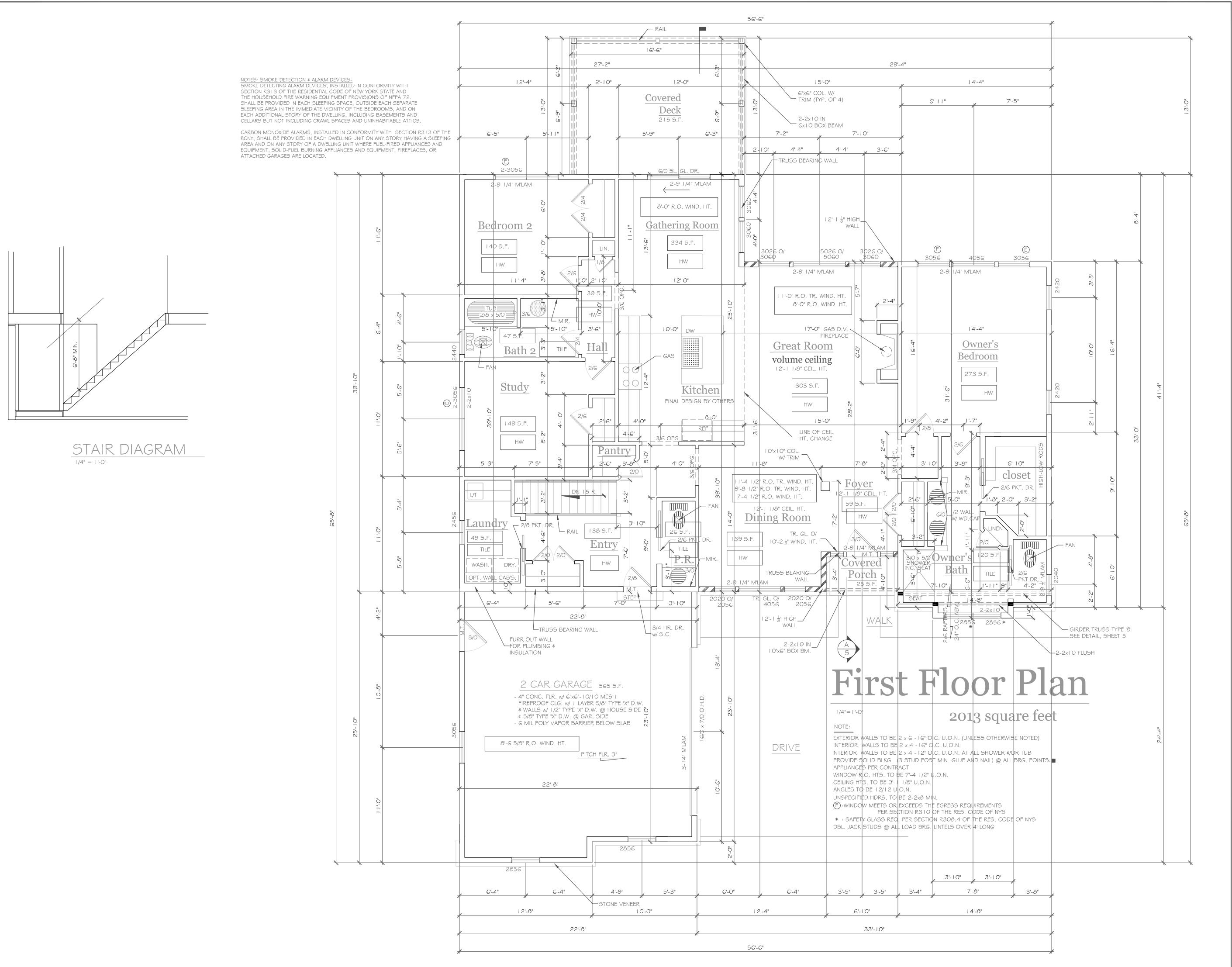
architecture

| 501 Pittsford Victor Road Suite 100 Victor, New York 14564 e-mail- CKHennessey@frontiernet.net

DRAWING NO.-





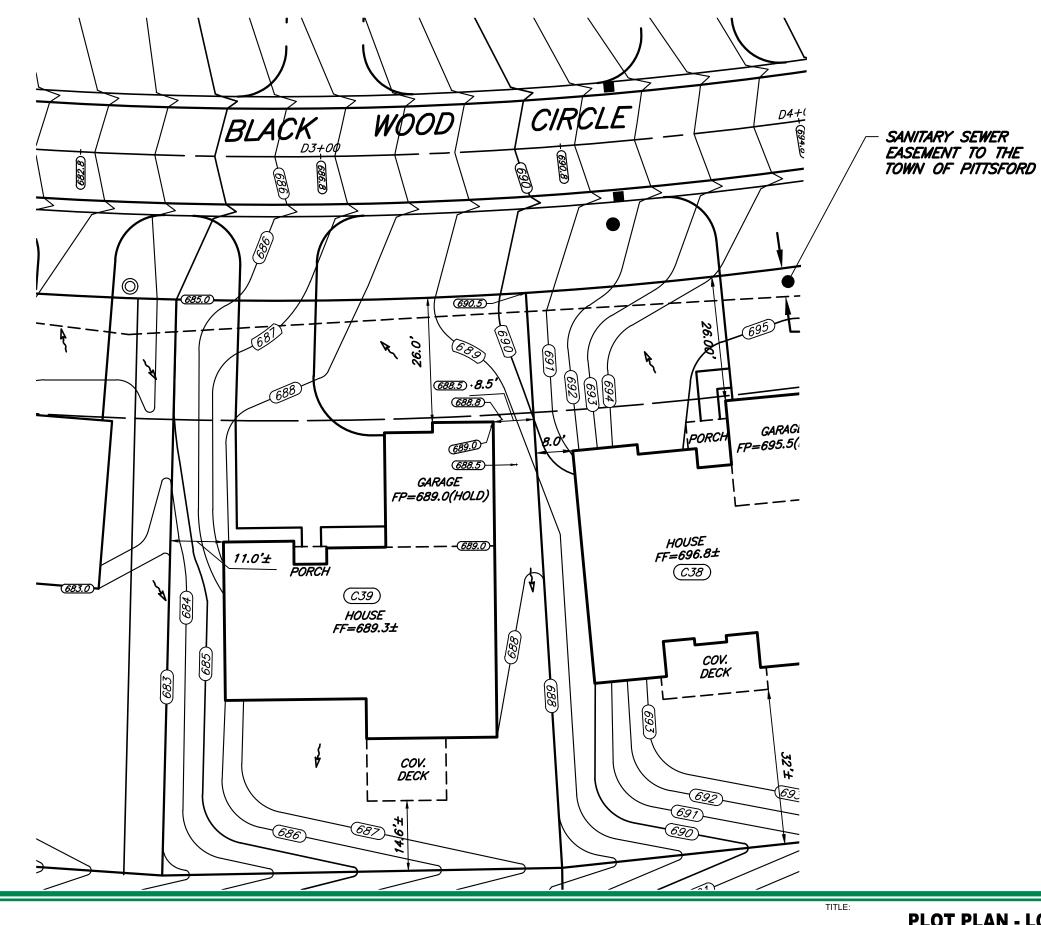


 $\frac{\overline{\square}}{\underline{\square}}$ Hill, Pittsford omes

Mark

 $\mathcal{D}$ 

DRAWING NO.-



**PLOT PLAN - LOT C39** 

**WILSHIRE HILL - SECTION 3** 

MARATHON ENGINEERING

ROCHESTER, NY 14614

80 CHESTER, NY 14614

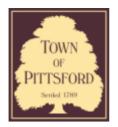
810 CHESTER, NY 14614

15 8 5 - 4 5 8 - 7 7 7 0

11 CALIFORNIA OF THE STATE OF

JOB NO: 0423-17 SCALE: 1" = 20' DRAWN: RJT DESIGNED: RJT DATE: 8/2/22

REQUIRED PROVIDED SETBACK **FRONT** 25' 26.0' SIDE 7.5' 8.5' REAR 10' 14.6' ±



#### **Town of Pittsford**

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

Permit # B22-000138

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 3 Stable View PITTSFORD, NY 14534
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Tax ID Number: 192.01-3-31

Zoning District: RN Residential Neighborhood

Owner: Masi Enterprises Inc.
Applicant: Masi Enterprises Inc.

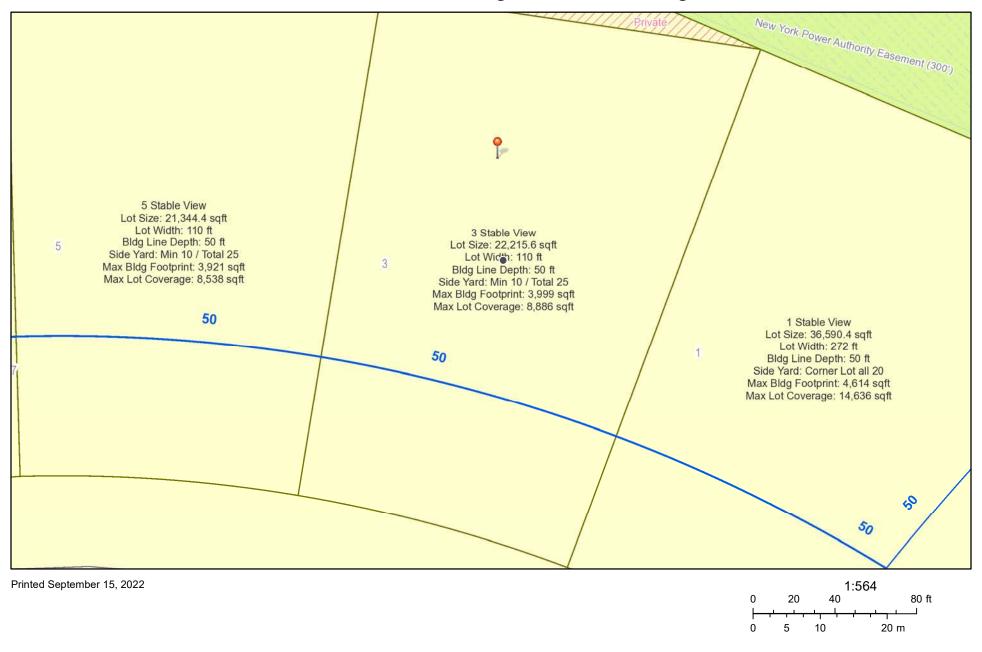
#### **Application Type:**

<b>~</b>	Residential Design Review	Build to Line Adjustment
V	§185-205 (B)	§185-17 (B) (2)
	Commercial Design Review	Building Height Above 30 Feet
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	Signage	Corner Lot Orientation
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	Certificate of Appropriateness	Flag Lot Building Line Location
	§185-197	§185-17 (L) (1) (c)
	Landmark Designation	Undeveloped Flag Lot Requirements
	§185-195 (2)	§185-17 (L) (2)
	Informal Review	

**Project Description:** Applicant is requesting design review for the construction of a two story single family home. The home will be approximately 3256 square feet.

Meeting Date: September 22, 2022

#### RN Residential Neighborhood Zoning



Town of Pittsford GIS

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### **GENERAL NOTES:**

THESE PLANS COMPLY WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE ( RCNYS) AND THE 2018 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE ( ECCCNYS ).

COMPLIANCE METHOD: RESCHECK CERTIFICATE OR PRESCRIPTIVE

SANITARY AND ENERGY CONSERVATION CODES - STATE AND OR LOCAL.

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/

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 LEG 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 G242O.

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

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

EXPANSION AND CONTRACTION.

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

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

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

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

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

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

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

R403.3.3 DUCT TESTING (MANDATORY). DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF

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

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

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

SHALL BE INSULATED TO A MINIMUM OF R-3. R403.5.1 HEATED WATER CIRCULATION & TEMPERATURE MAINTENANCE SYSTEMS (MANDATORY). HEATED WATER CIRCULATION SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.1. HEAT TRACE TEMPERATURE

SENSORS & PUMPS SHALL BE ACCESSIBLE. MANUAL CONTROLS SHALL BE READILY ACCESSIBLE. R403.5.3 HOT WATER PIPE INSULATION (PRESCRIPTIVE). INSULATION FOR HOT WATER PIPE WITH A MIN. R-3 SHALL BE

MAINTENANCE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.2. AUTOMATIC CONTROLS, TEMPERATURE

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

R403.6 (ECCC) MECHANICAL VENTILATION (MANDATORY). THE BUILDING SHALL BE PROVIDED WITH VENTILATION THAT COMPLIES WITH THE REQUIREMENTS OF THE RCNYS OR MCNYS, 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 (ECCC) 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.

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.

# BAJWA RESIDENCE

LOT 31 COUNTRY POINTE PITTSFORD, NY MASCOT, INC.

# PLAN 2562 / PROJECT 15307 D

### SHEET INDEX

C-1 COVER SHEET

1/5 ELEVATIONS

2/5 FOUNDATION PLAN

3/5 FIRST FLOOR PLAN

4/5 SECOND FLOOR & ROOF PLAN

5/5 SECTIONS

N-1 DETAILS

N-2 REINFORCING NOTES

### **FOUNDATION:**

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"

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

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.

WOOD ROOF TRUSSES ARE TO BE METAL PLATE CONNECTED WOOD CHORD, WOOD WEB TRUSSES. TRUSS LAYOUT IS 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

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

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 ASTM A-36, Fy = 36 ksiREINFORCED STEEL ASTM A-615, Fy = 40 ksiWIRE MESH 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

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

MORTAR ASTM C270, TYPE S GROUT Fc = 2000 PSI ASTM C476

> Fc = 2500 PSI MIN. (FOOTINGS, BASEMENT SLAB) Fc = 3500 PSI MIN. ( GARAGE SLAB. PORCH SLAB. & POURED FOUNDATION IIIALLS)

> > ASTM A307, Fy - 33 KSI

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

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

PLYWOOD

LVL, PSL, LSL

CONCRETE

TERMITE DAMAGE

40 P.S.F. LIVING AREA LIVE LOAD 2ND FLOOR 30 P.S.F. LIVING AREA LIVE LOAD 1ST & 2ND FLOOR DEAD LOAD 15 P.S.F. 40 P.S.F. GROUND SNOW LOAD

ROOF DEAD LOAD 10 P.S.F. ALLOWABLE SOIL BEARING 2500 P.S.F. AT MINIMUM 42" BELOW FINISHED GRADE

WIND SPEED 115 MPH, EXPOSURE B SEISMIC DESIGN CATEGORY B SEVERE WEATHERING **42 INCHES** FROST LINE DEPTH

NONE TO SLIGHT DECAY DAMAGE WINTER DESIGN TEMPERATURE 1 DEGREE

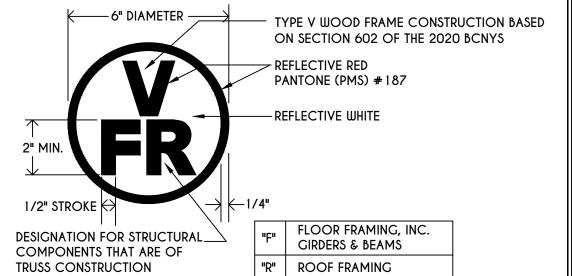
REQUIRED 24" INSIDE OF EXTERIOR WALL LINE ICE SHEILD UNDERLAYMENT FLOOD HAZARD FIRM - 2008

ROOF TIE DOWN REQUIREMENTS 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.

SLIGHT TO MODERATE



"FR" | FLOOR & ROOF FRAMING

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**COVER PAGE** 

GLA PLAN 2562

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

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

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

# TABLE M1505.4.3 (2)

INTERMITTENT WHOLE-HOUSE MECAHANICAL VENTILATION RATE FACTORS a,b							
RUN-TIME PERCENTAGE IN EA. 4-HOUR SEGMENT	25%	33%	50%	66%	75%	100%	
FACTOR <sup>a</sup>	4	3	2	1.5	1.3	1.0	

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

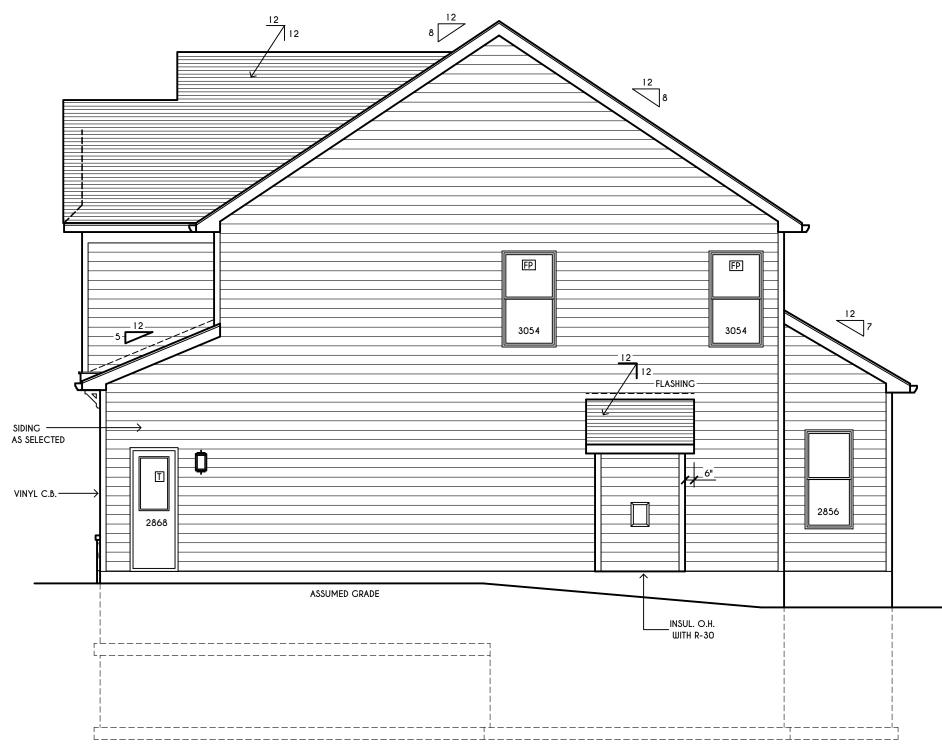
		TABLE M 1505.4.4
INI	MUM REQUIRED LOCAL EX	HAUST RATES FOR ONE AND TWO-FAMILY DWELLIN
	AREA TO BE EXHAUSTED	EXHAUST RATES

100 cfm INTERMITTENT OR 25 cfm CONTINUOUS MECHANICAL EXHAUST CAPACITY OF 50 cfm

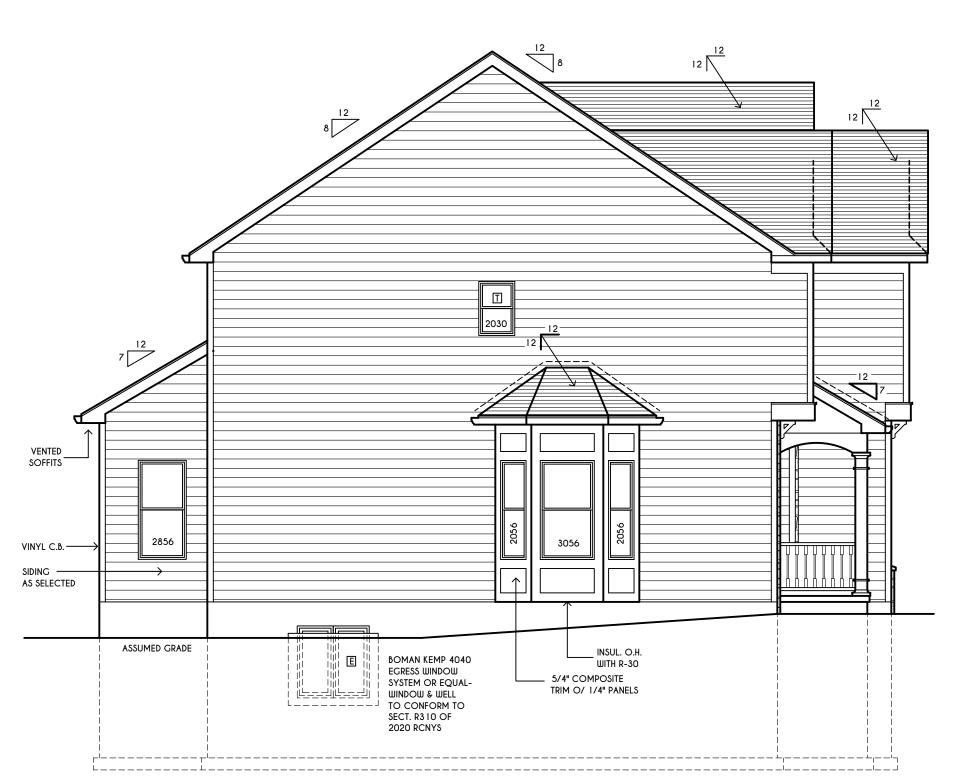
TOILET ROOMS INTERMITTENT OR 20 cfm CONTINUOUS FOR SI: 1 CUBIC FT. PER MINUTE = 0.0004719 m 3/s.

KITCHENS

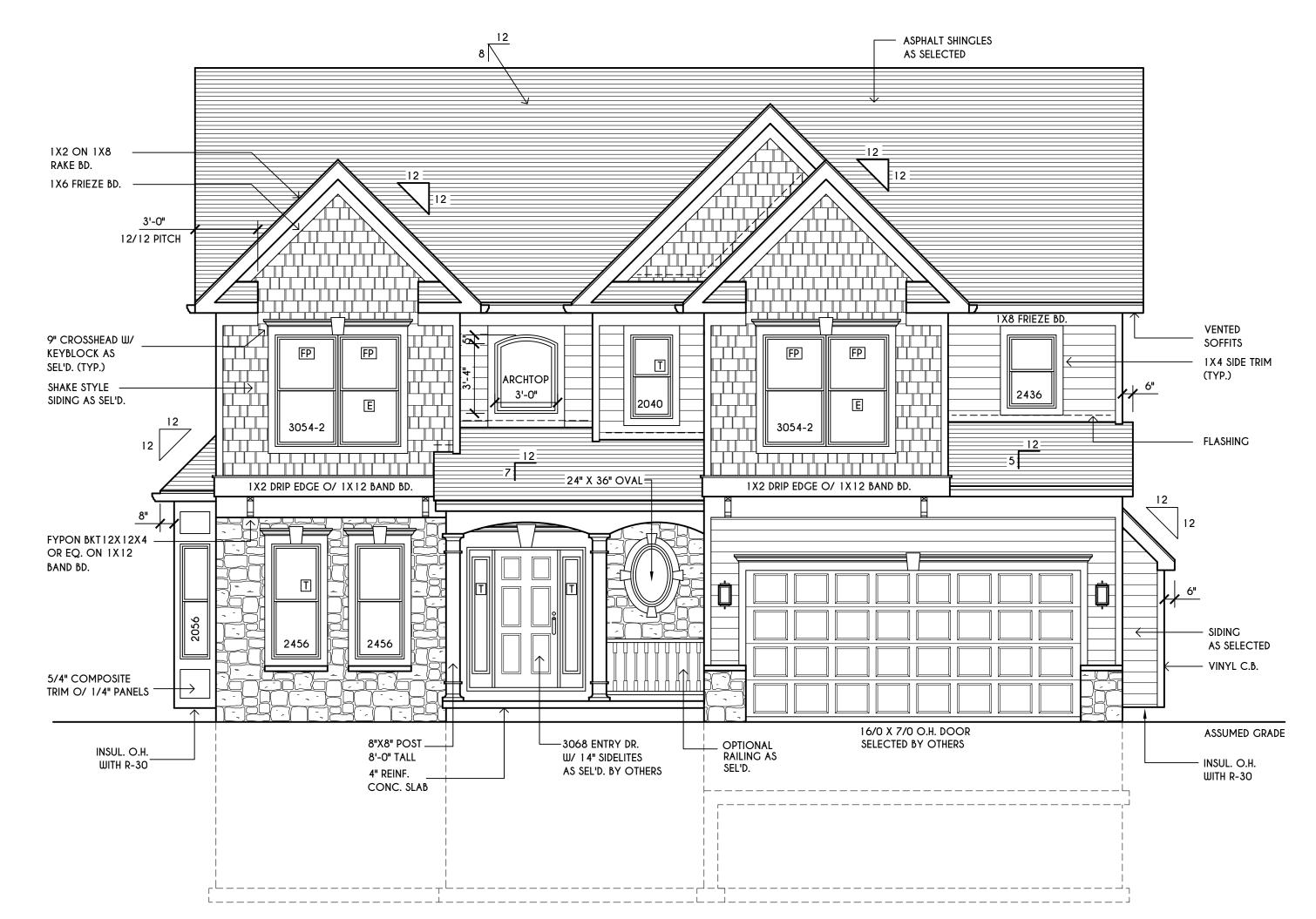
**BATHROOMS-**



# RIGHT ELEVATION SCALE: 3/16" = 1'-0"



LEFT ELEVATION SCALE: 3/16" = 1'-0"



# FRONT ELEVATION

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

FIRST FLOOR LIVING AREA = 1155 SQ.FT. SECOND FLOOR LIVING AREA = 1407 SQ.FT. TOTAL LIVING AREA = 2562 SQ.FT. OPT. FINISHED BASEMENT AREA = 694 SQ.FT.



REAR ELEVATION

SCALE: 3/16" = 1'-0"

VWD OR EQUAL U-FACTOR ...... 0.30 SHGC ..... 0.54

SELECTION BY OWNER DOORS: AIR INFILTRATION RATE FOR WINDOWS, SKYLIGHTS, & SLIDING DOORS TO BE NO MORE THAN 0.3 cfm/sf. & SWING DOORS NO MORE THAN 0.5 cfm/sf. AS PER SECT. R402.4.3 OF 2020 ECCCNYS

WINDOW / DOOR LEGEND:

- 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. R3 10.1 OF 2020 RCNYS
- 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 PER SECT. R312.2 OF 2020 RCNYS

GENERAL NOTES:

ALL RAKES & OVERHANGS ARE TO BE 1'-0" UNLESS NOTED OTHERWISE

BUILDER TO PROVIDE ROOF OR RIDGE VENTS AS PER CODE- THE MINIMUM NET FREE VENTILATION AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE (SECT. R806.2) 4/12 PITCH ROOFS OR SHALLOWER

TO HAVE 2 LAYERS 15# FELT CONTRACTOR TO CONTACT THIS OFFICE PRIOR TO CONSTRUCTION IF THE ASSUMED GRADE DEPICTED IS INACCURATE AND / OR WILL ALTER THE DESIGN AND / OR STRUCTURE NOTED.

MECHANICAL VENTILATION RATE:

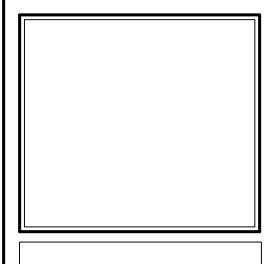
THIS PLAN AS DESIGNED REQUIRES (MIN) 1 CONTINUOUSLY RUN EXHAUST FAN CAPABLE OF (MIN) 60 c.f.m. WITH A MANUAL OVERIDE SWITCH AS PER SECTION M 1505.4.2 OF 2020 RCNYS SEE TABLES M1505.4.3(1) & M1505.4.3(2) & M1505.4.4 ( PAGE 1 )

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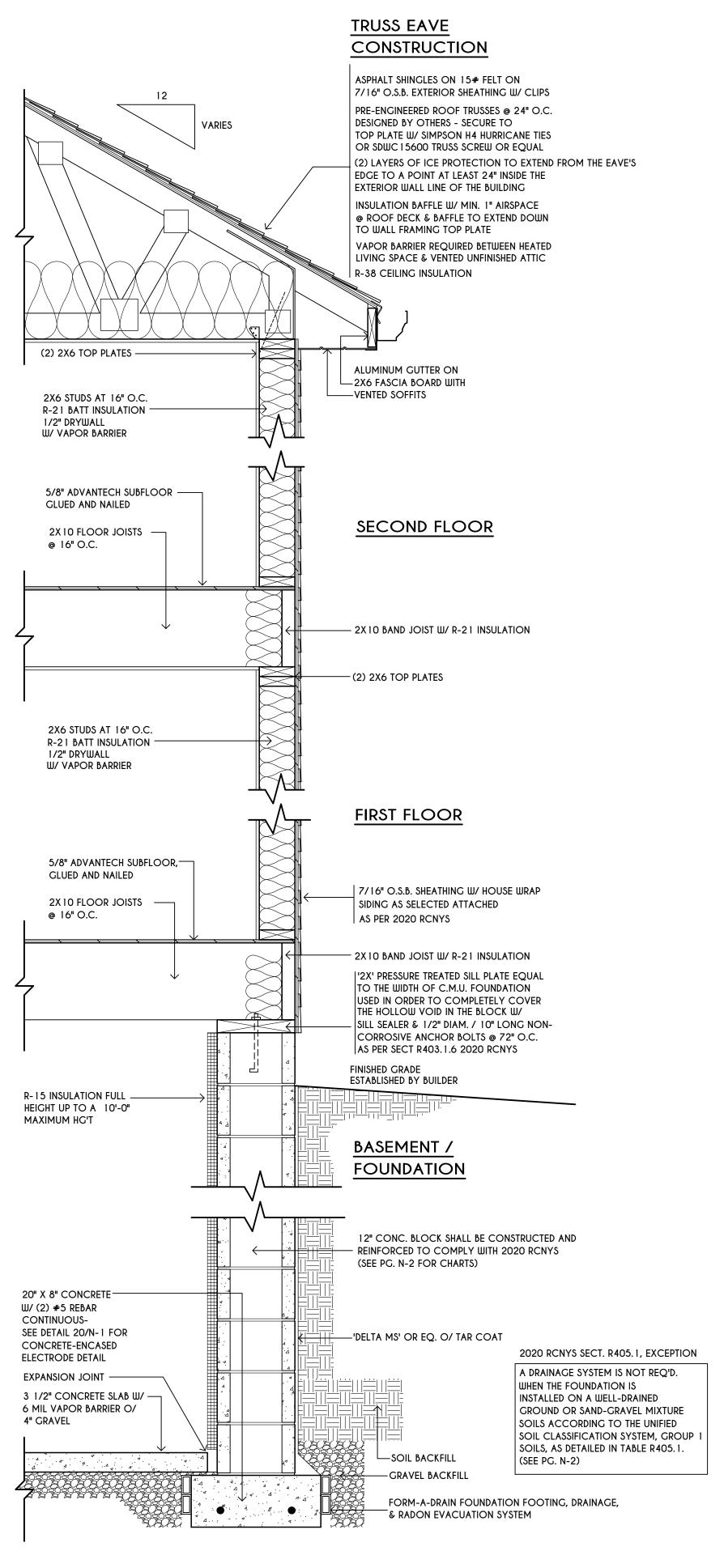
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**ELEVATIONS** 

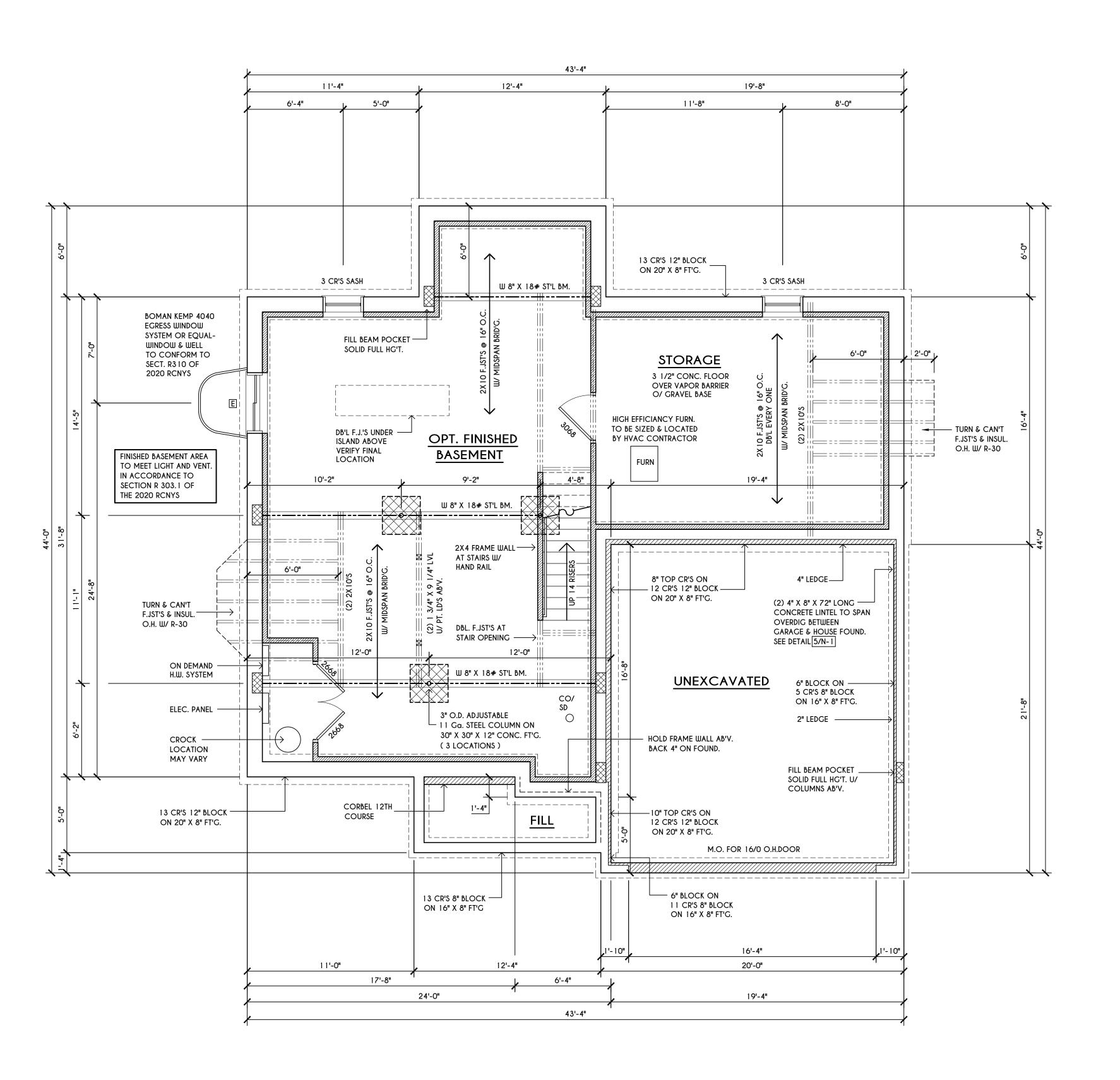
GLA PLAN 2562

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# TYPICAL WALL SECTION

SCALE: 1" = 1'-0"



# BASEMENT & FOUNDATION PLAN

#### FRAMING LEGEND:

- 2X4 STUDS @ 16" O.C.

- 2X6 STUDS @ 16" O.C.

- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE ----- - DROPPED HEADER ≡≣≣ - FLUSH HEADER

#### 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:

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. R3 10.2.1 OF 2020 RCNYS

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 PER SECT. R312.2 OF 2020 RCNYS

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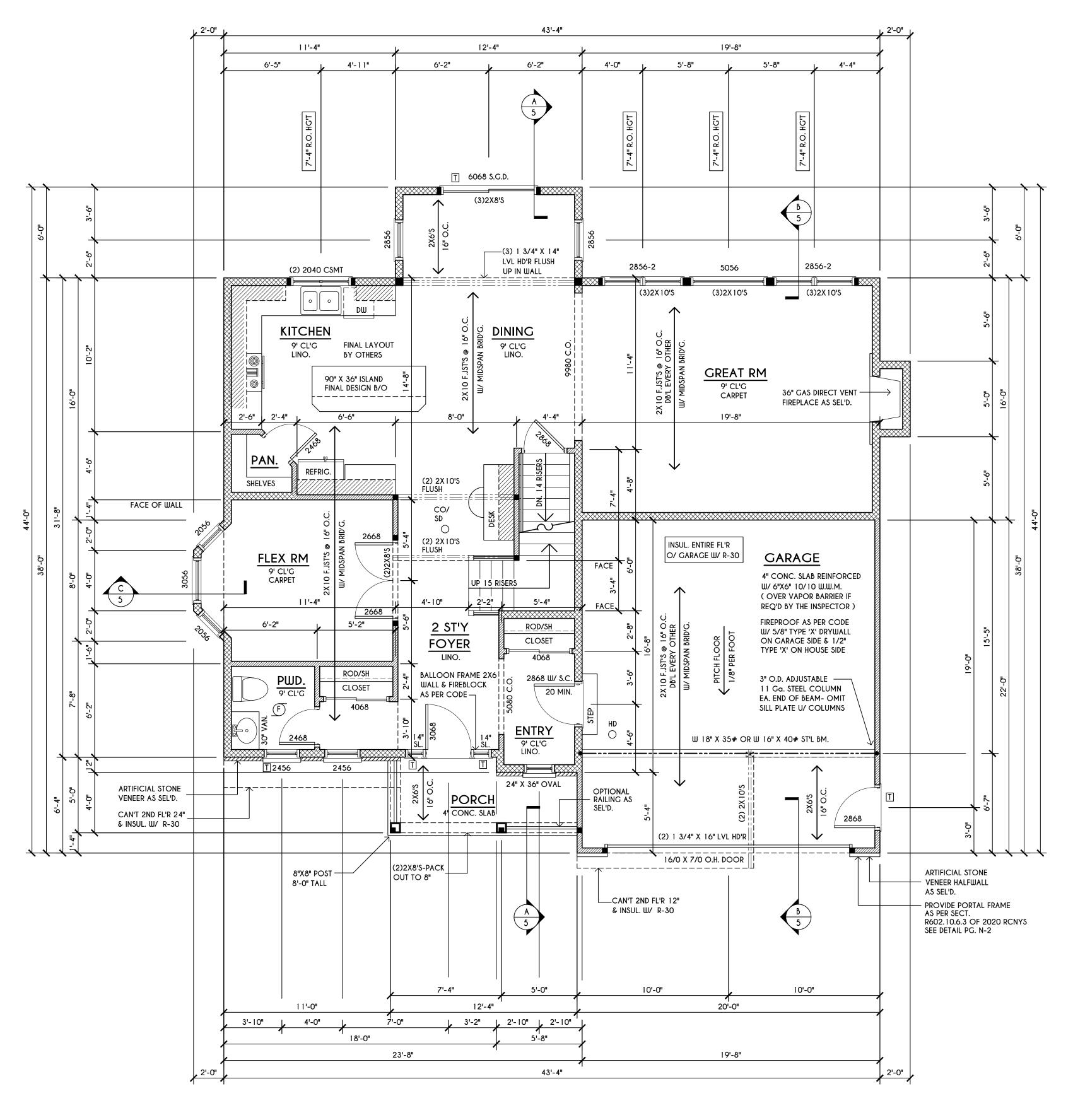
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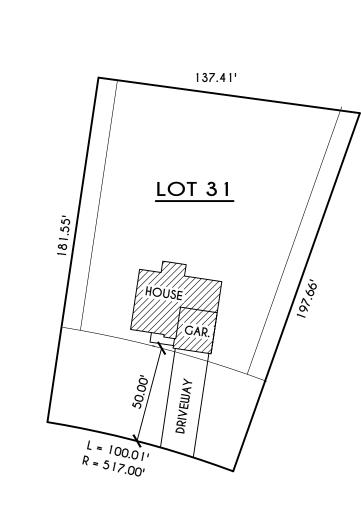
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FOUNDATION PLAN

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# PLOT PLAN

SCALE: 1" = 50'

LOT 31 COUNTRY POINTE

# FIRST FLOOR PLAN

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

#### FRAMING LEGEND:

- PROVIDE SOLID POSTING- GLUED & NAILED,
EQUAL TO THE # OF HEADERS TO BE
SUPPORTED- UNLESS NOTED OTHERWISE

- DROPPED HEADER

==== - FLUSH HEADER

- 2X4 STUDS @ 16" O.C.

#### 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
THE SHOWER OR TUBS.

1155 SQ. FT.

### WINDOW / DOOR LEGEND:

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

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
PER SECT. R3 12.2 OF 2020 RCNYS

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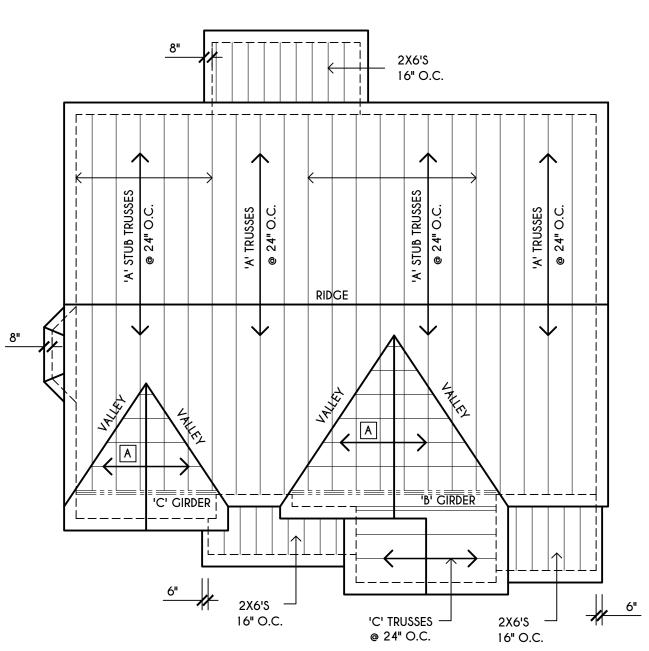
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FIRST FLOOR PLAN

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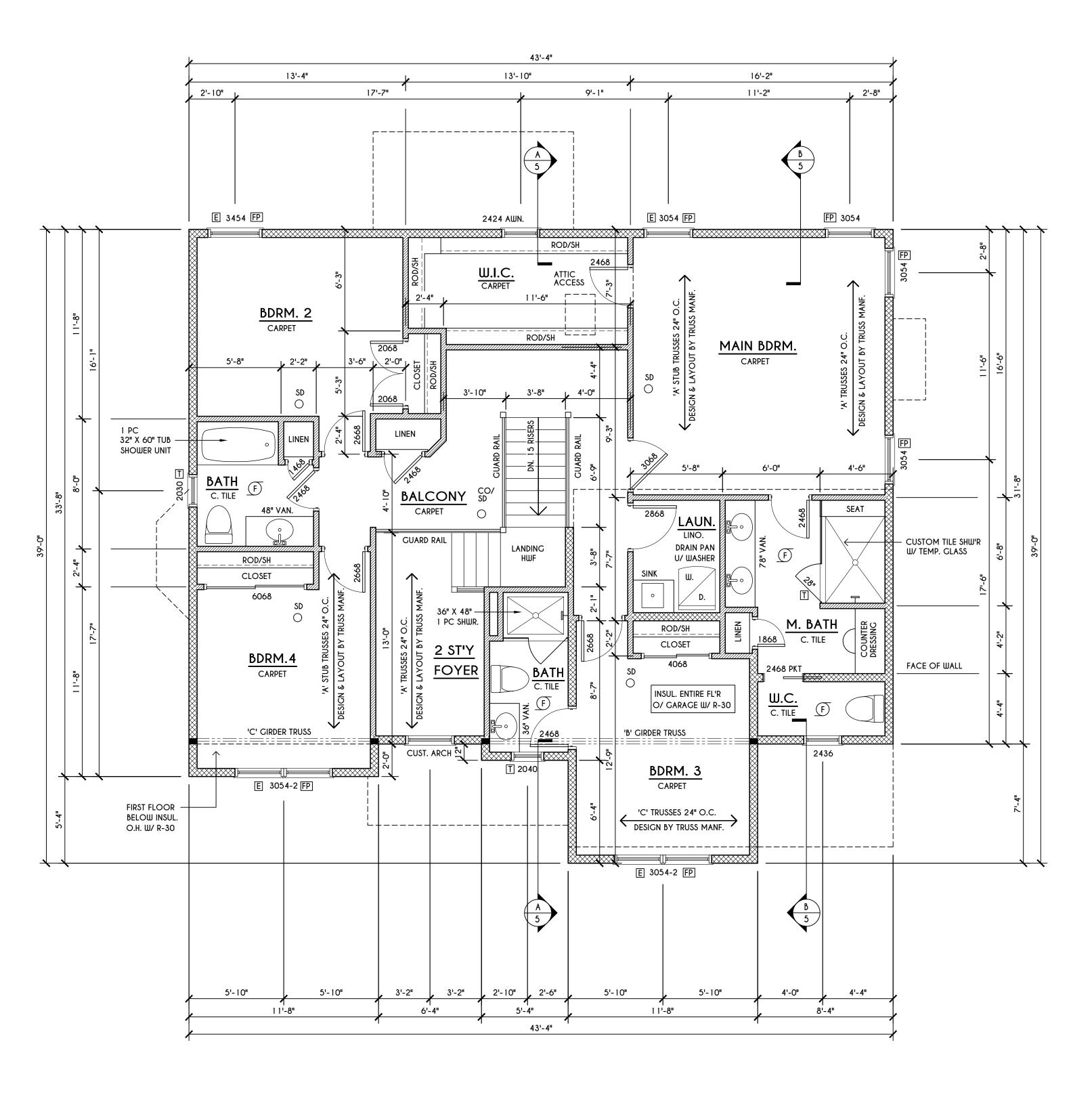
#### GENERAL ROOF NOTES:

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

# ROOF PLAN

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

A – 2X6 LAYOVER RAFTERS 24" O.C.



# SECOND FLOOR PLAN

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

#### FRAMING LEGEND:

- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE ----- - DROPPED HEADER

≡≣≣ - FLUSH HEADER

- 2X4 STUDS @ 16" O.C.

- 2X6 STUDS @ 16" O.C.

#### GENERAL SECOND FLOOR PLAN NOTES:

SECOND FLOOR PLATE HG'T TO BE 8'-1 1/8" ( UNLESS NOTED OTHERWISE ) ALL WINDOW R.O. HCT'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 THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWER OR TUBS.

### WINDOW / DOOR LEGEND:

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. R3 10.2.1 OF 2020 RCNYS 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 PER SECT. R312.2 OF 2020 RCNYS

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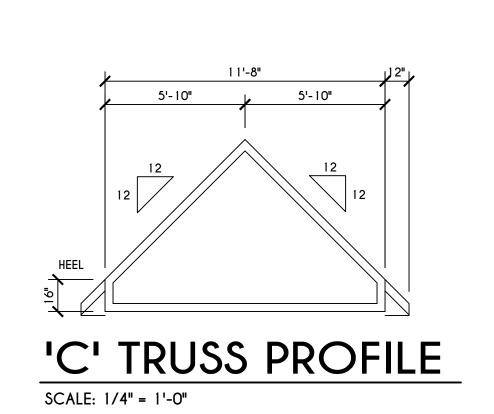
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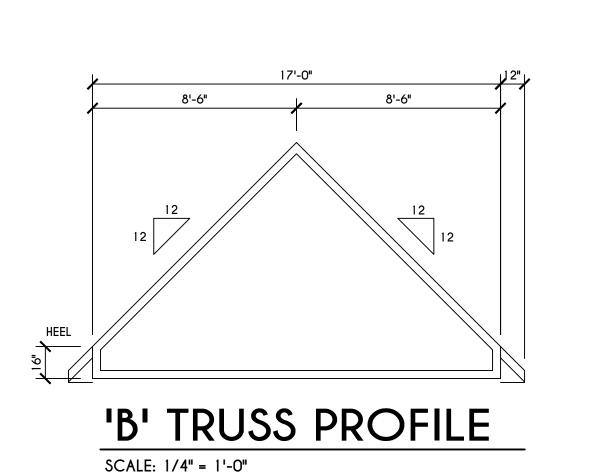
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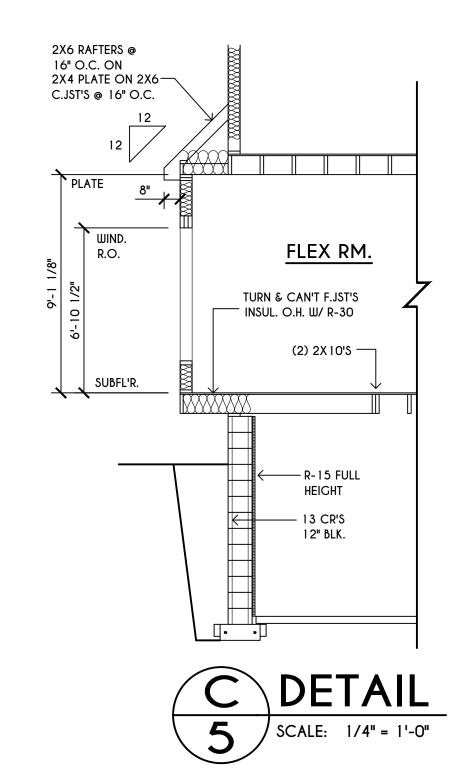
SECOND FLOOR PLAN

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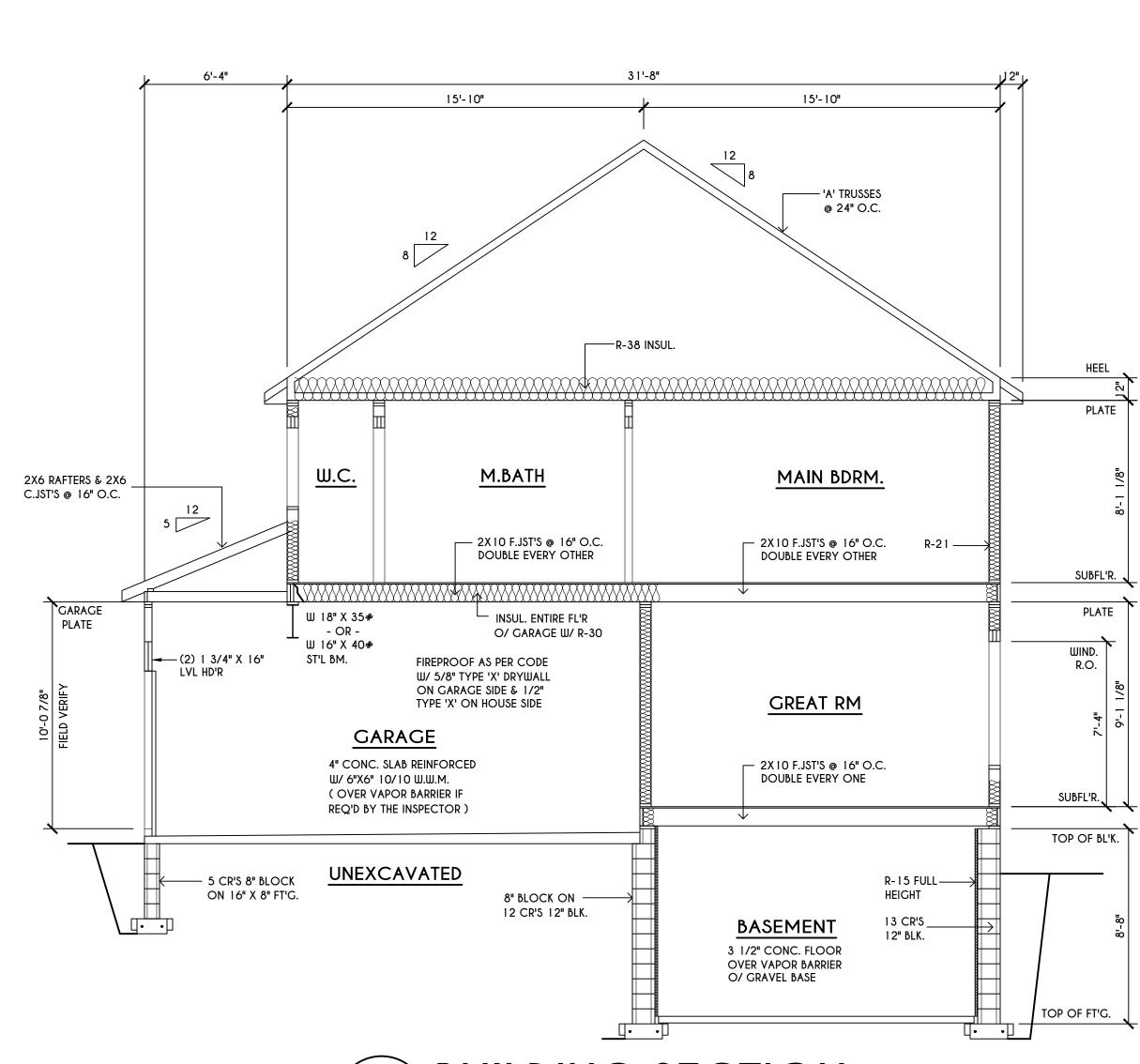


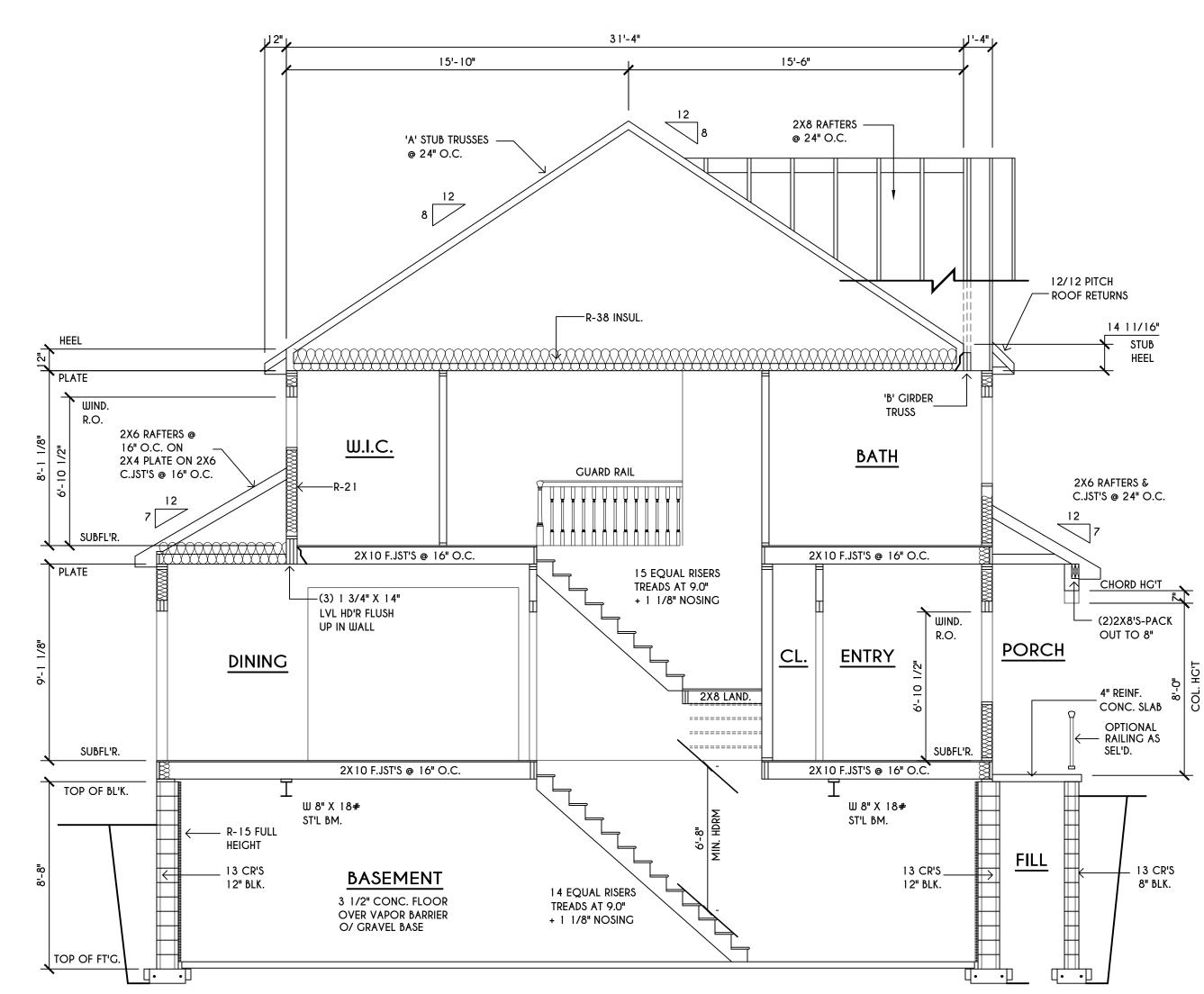
#### TRUSS NOTES:

TRUSS PROFILE SHOWN FOR REFERENCE ONLY - MANUFACTURER IS RESPONISBLE FOR CHORD LAYOUT AS REQ'D FOR DESIGN LOAD

TRUSS MANUFACTURER TO VERIFY ACTUAL LOAD AT GIRDER-TO-GIRDER

CONNECTIONS & TO SPECIFY A MIN. METAL HANGER TO SUPP. THAT LOAD PROVIDE TRUSS BRACING AS INDICATED BY TRUSS DESIGNER









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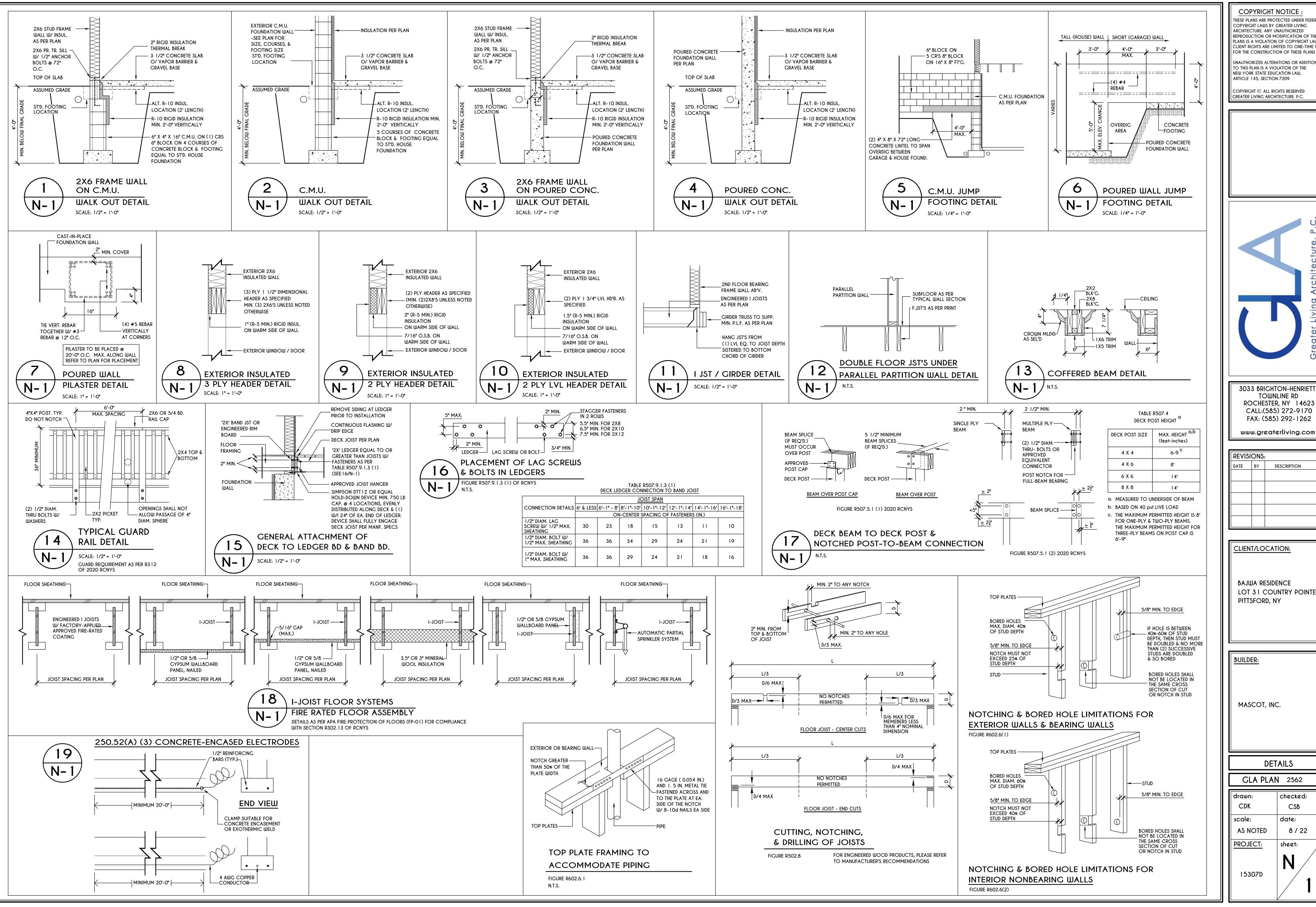
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**DETAILS** 

GLA PLAN 2562

checked: CSB date: 8 / 22 sheet:

#### TABLE R404.1.1(2)

8-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 5 INCHES  $^{\alpha, c, f}$ MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) b, c SOIL CLASSES AND LATERAL SOIL LOAD d ( psf PER FOOT BELOW GRADE ) CW, GP, SW, AND SP SOILS GM, GS, SM-SC AND ML SOILS SC, MH, ML-CL AND INORGANIC CL SOILS WALL HEIGHT BACKFILL® 4' ( OR LESS ) #4 @ 48" O.C. #4 @ 48" O.C. 6'-8" #4 @ 48" O.0 #4 @ 48" O.0 #4 @ 48" O. 6'-8" #4 @ 48" O.C #5 @ 48" O.0 #6 @ 48" O.C. 4' ( OR LESS #4 @ 48" O.C. #4 @ 48" O.C. #4 @ 48" O.C. #4 @ 48" O.C #4 @ 48" O.C #4 @ 48" O.C. 7'-4" #5 @ 48" O.C #5 @ 48" O.C #5 @ 48" O.C #6 @ 40" O.C. 4' ( OR LESS ) #4 @ 48" O.C. 8'-0" #4 @ 48" O.C. #5 @ 48" O.C. #5 @ 48" O.C. #5 @ 48" O.C. #6 @ 40" O.C. #6 @ 32" O.C. 4' ( OR LESS #4 @ 48" O.C #4 @ 48" O.C #4 @ 48" O.C. #5 @ 48" O.C. #4 @ 48" O.C #4 @ 48" O.C #4 @ 48" O.C #6 @ 48" O.C #5 @ 48" O.C #6 @ 48" O.C #6 @ 40" O.C. 8'-8" 4' ( OR LESS #4 @ 48" O.C #4 @ 48" O.C. #4 @ 48" O.C. #4 @ 48" O.C. #4 @ 48" O.C. #5 @ 48" O.C. #4 @ 48" O.C. #5 @ 48" O.C. #6 @ 48" O.C. 9'-4" #5 @ 48" O.C. #6 @ 48" O.C. #6 @ 40" O.C. #6 @ 48" O.C #6 @ 40" O.C #6 @ 24" O.C #6 @ 16" O.C. 4' ( OR LESS #4 @ 48" O.C. #4 @ 48" O.C #4 @ 48" O.C. #5 @ 48" O.C. #4 @ 48" O.0 #5 @ 48" O.C #6 @ 48" O.0 10'-0" #5 @ 48" O.C #6 @ 48" O.C #6 @ 32" O.C.

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

#6 @ 48" O.C

#6 @ 40" O.C.

#6 @ 32" O.

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

c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE

#6 @ 32" O.C

#6 @ 24" O.C

#6 @ 16" O.C

#6 @ 24" O.C.

#6 @ 16" O.C.

#6 @ 16" O.C.

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.

c. 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

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

CONCRETE SLAB IS PERMITTED.

#### TABLE R404.1.1(3)

10-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 6.75 INCHES a, c, f									
			MINIMUM VERTICAL REINFORCEMENT AND SPACING ( INCHES ) b, c						
			SOIL CLASSES AND LATERAL SOIL LOAD <sup>d</sup> ( psf PER FOOT BELOW GRADE )						
WALL 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 )	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	6'-8"	#4 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.					
7'-4"	4' ( OR LESS )	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#5 @ 56" O.C.					
	7'-4"	#4 @ 56" O.C.	#5 @ 56" O.C.	#6 @ 56" O.C.					
8'-0"	4' ( OR LESS )	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#5 @ 56" O.C.					
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	#6 @ 56" O.C.					
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.	#6 @ 48" O.C.					
8'-8"	4' ( OR LESS )	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#5 @ 56" O.C.					
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	#6 @ 56" O.C.					
	8'-8"	#5 @ 56" O.C.	#6 @ 56" O.C.	#6 @ 32" O.C.					
9'-4"	4' ( OR LESS )	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.					
	6'	#4 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.					
	7'	#4 @ 56" O.C.	#5 @ 56" O.C.	#6 @ 56" O.C.					
	8'	#5 @ 56" O.C.	#6 @ 56" O.C.	#6 @ 40" O.C.					
	9'-4"	#6 @ 56" O.C.	#6 @ 40" O.C.	#6 @ 24" O.C.					
10'-0"	4' ( OR LESS ) 5' 6' 7' 8' 9'	#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.	#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.					

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 DD, 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.

6. 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

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

#### TABLE R404.1.1(4)

12-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE d > 8.75 INCHES a, c, f

		MINIMUM VERTICAL REINFORCEMENT AND SPACING ( INCHES ) b, c						
			ES AND LATERAL SOIL LOAD <sup>d</sup> (					
WALL 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 SOI				
6'-8"	4' ( OR LESS )	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	6'-8"	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.				
7'-4"	4' ( OR LESS )	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.				
	7'-4"	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.				
8'-0"	4' ( OR LESS )	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.				
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.				
	8'	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.				
8'-8"	4' ( OR LESS )	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#5 @ 72" O.C.				
	7'	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.				
	8'-8"	#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.				
	4' ( OR LESS )	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				
	5'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.				

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.

#5 @ 72" O.C.

#5 @ 72" O.C.

#4 @ 72" O.C.

#5 @ 72" O.C

#6 @ 72" O.C.

#6 @ 72" O.C.

#6 @ 56" O.C.

#5 @ 72" O.C.

#6 @ 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

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.

2. 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.

#4 @ 72" O.C.

#4 @ 72" O.C.

#4@72"O.0

#4@72"O.0

#4 @ 72" O.C.

#5 @ 72" O.C

#6 @ 72" O.C.

#6 @ 64" O.

#### TABLE R404.1.2(8)

		MINIMUM	VERTICAL F	REINFORCE	MENT	FOR 6-, 8-	, 10- AND	12-INCH NO	OMINAL FL	AT BASEME	NT WALLS	b, c, d, e, f,	h, i, k, n,
			MINIMUM VERTICAL REINFORCEMENT-BAR SIZE & SPACING (inches)										
				SOIL CLASS	SES a	AND DESIG	N LATERAL	SOIL (no	f PER FOC	OT OF DEPT	H )		
	MAXIMUM UNBALANCED	Gl	IJ, GP, SW, A	AND SP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, GS, SM-S0		W T ER T O C		L-CL AND I	NORGANIC	CL
MAXIMUM WALL HEIGHT	BACKFILL HEIGHT <sup>9</sup>		30		ІМІМІ	IM IIIALL TI	45 HICKNESS (	INCHES )			60		
( FEET )	( FEET )	6	8	10	12	6	8	10	12	6	8	10	12
		-	-	-			NR					NR	
5	4	NR	NR	NR	NR	NR		NR	NR	NR	NR		NR
	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
6	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
-	5	NR	NR	NR	NR	NR	NR I	NR	NR	#4@35"	NR I	NR	NR
	6	NR 	NR	NR	NR	#5 @ 48"	NR	NR	NR	#5 @ 36"	NR	NR	NR
	4	NR 	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7	5	NR	NR	NR	NR	NR	NR	NR	NR	#5 @ 47"	NR	NR	NR
	6	NR	NR	NR	NR	#5 @ 42"	NR	NR	NR	#6 @ 43"		NR <sup>1</sup>	NR
	7	#5 @ 46"	NR	NR	NR	#6@42"		NR I	NR	#6@34"		NR	NR
-	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
-	5	NR	NR	NR	NR	#4@38"	NR <sup>1</sup>	NR	NR	#5 @ 43"	NR	NR	NR
8	6	#4@37"	NR <sup>1</sup>	NR	NR	#5 @ 37"	NR	NR	NR	#6 @ 37"		NR I	NR
ļ	7	#5 @ 40"	NR	NR	NR	#6@37"		NR I	NR	#6@34"		NR	NR
	8	#6 @ 43"	#5 @ 47"	NR I	NR		#6 @ 43"	NR	NR	#6 @ 27"			NR
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	#4@35"	NR I	NR	NR	#5 @ 40"	NR	NR 1	NR
9	6	#4@34"	NR I	NR	NR	#6@48"	NR	NR	NR		#6@39"	NR I	NR 1
ļ	7	#5 @ 36"	NR	NR	NR	#6@34"		NR	NR		#6 @ 38"		NR I
ļ	8	#6 @ 38"	#5@41"	NR	NR	#6@33"		#5 @ 37"	NR I		#6@29"		
	9	#6 @ 34"	#6 @ 46"	NR	NR	#6 @ 26"		#6@41"	NR	#6@19"			
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5	NR	NR 1	NR	NR	#4@33"	NR <sup>1</sup>	NR	NR	#5 @ 38"	NR	NR	NR
10	6	#5 @ 48"	NR I	NR	NR	#6@45"	NR	NR	NR		#5 @ 37"	NR	NR
ļ	7	#6@47"	NR	NR	NR	#6@34"		NR	NR	#6 @ 30"		#6 @ 48"	NR I
ļ	8	#6@34"	#5 @ 38"	NR	NR 1	#6 @ 30"		#6 @ 47"	NR I	#6 @ 22"		#6 @ 35"	
	9	#6 @ 34"	#6@41"			#6@23"	#6 @ 27"	#6 @ 35"				#6 @ 27"	
	10	#6 @ 28"	#6 @ 33"	#6 @ 45"	NR	DR <sup>j</sup>	#6 @ 23"	#6 @ 29"	#6 @ 38"	DR	#6 @ 22"	#6 @ 22"	#6@2

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

d. NR INDICATES NO VERTICAL WALL REINFORCEMENT IS REQUIRED, EXCEPT FOR 6-INCH NOMINAL WALLS FORMED WITH STAY-IN-PLACE FORMING SYSTEMS IN WHICH CASE VERTICAL REINFORCEMENT SHALL BE NO. 4 @ 48 INCHES ON CENTER.

e. ALLOWABLE DEFLECTION CRITERION IS L/240, WHERE L IS THE UNSUPPORTED HEIGHT OF THE BASEMENT WALL IN INCHES.

f. INTERPOLATION IS NOT PERMITTED.

g. WHERE WALLS WIL REMAIN 4 FEET OR MORE OF UNBALANCED BACKFILL, THEY SHALL BE LATERALLY SUPPORTED AT THE TOP AND BOTTOM BEFORE BACKFILLING.

h. VERTICAL REINFORCEMENT SHALL BE LOCATED TO PROVIDE A COVER OF 1 1/4 INCHES MEASURED FROM THE INSIDE FACE OF THE WALL. THE CENTER OF THE STEEL

SHALL NOT VARY FROM THE SPECIFIED LOCATION BY MORE THAN THE GREATER OF 10 PERCENT OF THE WALL THICKNESS OR 3/8 INCH.

i. Concrete cover for the reinforcement measure from the inside face of the wall shall be not less than 3/4 inch. Concrete cover for reinforcement

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 REINFORCEMEN 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.

# TABLE R 402.4.1.1 AIR BARRIER AND INSULATION INSTALLATION

COMPONENT AIR BARRIER CRITERIA		INSULATION INSTALLATION CRITERI		
	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.		
CEILING / ATTIC	ACCESS OPENINGS, DROP DOWN STAIRS, OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.	SOFFII SHALL DE ALIGNED WITH THE AIR DARRIER.		
	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

#### 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

9'-4"

10'-0"

4' ( OR LESS )

### TABLE R401.4.1

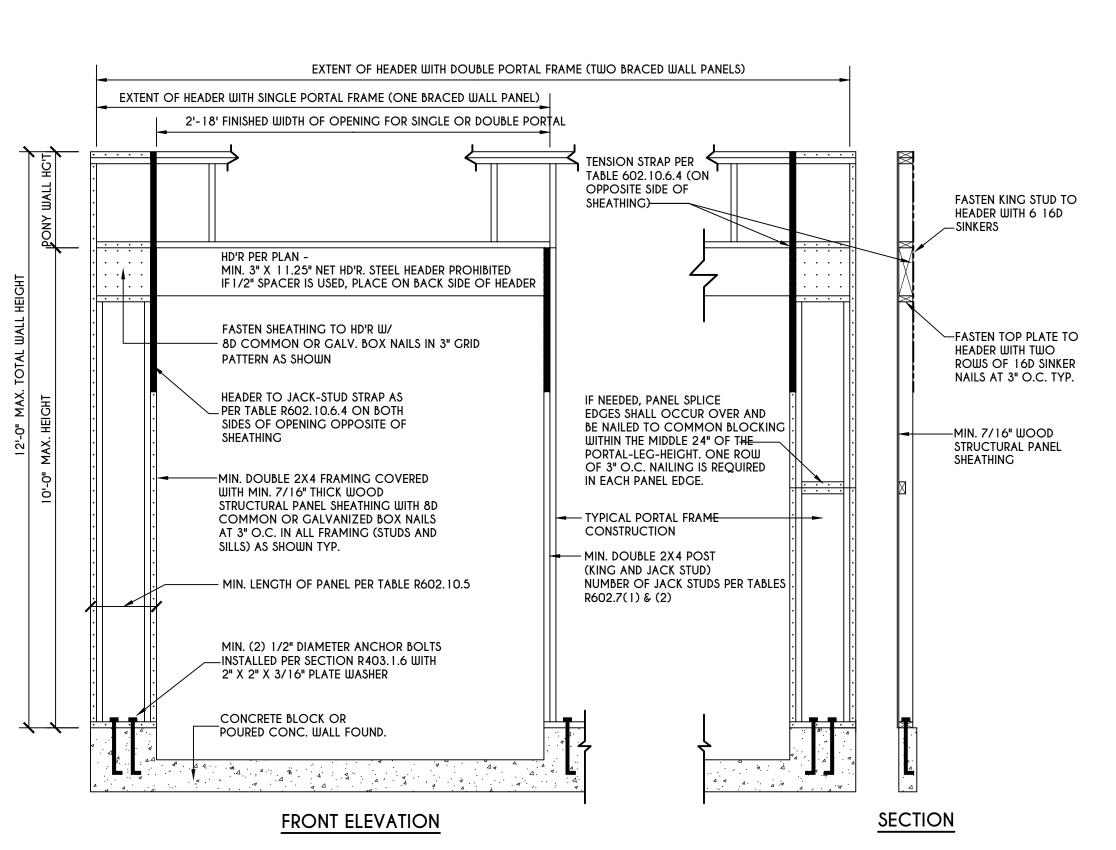
PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIAL					
CLASS OF MATERIALS	LOAD-BEARING PRESSURE ( pounds per square foot )				
CRYSTALLINE BEDROCK	12,000				
SEDIMENTARY & FOLIATED ROCK	4,000				
SANDY GRAVEL AND/OR GRAVEL (GW & GP)	3,000				
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY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

a. WHERE SOIL TESTS ARE REQUIRED BY SECTION R401.4, THE ALLOWABLE BEARING CAPACITIES OF THE SOIL SHALL BE PART OF THE RECOMMENDATIONS.

b. WHERE THE BUILDING OFFICIAL DETERMINES THAT IN-PLACE SOILS WITH AN ALLOWABLE BEARING CAPACITY OF LESS THAN 1,500 psf are likely to be present at the site, the allowable bearing capacity shall be determined by a soils investigation.

### UNIFIED SOIL CLASSIFICATION SYSTEM

<u> </u>	
UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL	
GW	WELL-GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND, LITTLE OR NO FINES
SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
SM	SILTY SAND, SAND-SILT MIXTURES
GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
sc	CLAYEY SANDS, SAND-CLAY MIXTURE MIXTURES
ML	INORGANIC SILTS & VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
СН	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
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



PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B, AND C

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

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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	
			1
			$\exists$
			$\exists$

BAJWA RESIDENCE
LOT 31 COUNTRY POINTE
PITTSFORD, NY

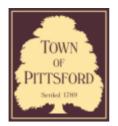
BUILDER:

MASCOT, INC.

REINFORCING NOTES

GLA PLAN 2562

drawn:	checked:
CDK	CSB
scale:	date:
AS NOTED	8 / 22
PROJECT:	sheet:
	N
15307D	



Tax ID Number: Zoning District:

#### **Town of Pittsford**

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

Permit # B22-000140

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

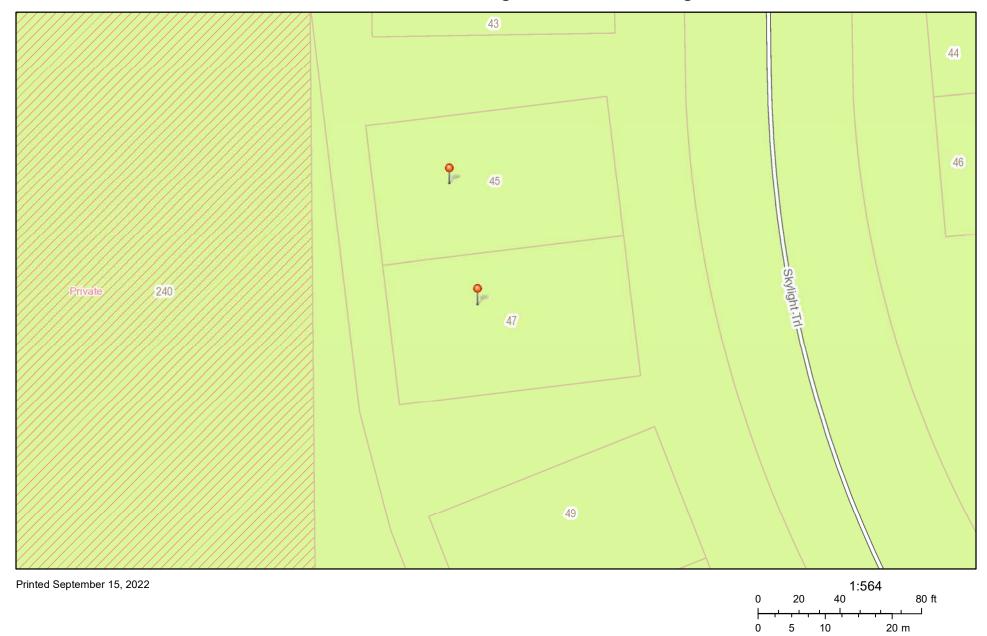
Owner: Morrell Builders Applicant: Morrell Builders				
Application Type:  Residential Design Review §185-205 (B)  Commercial Design Review §185-205 (B)  Signage §185-205 (C)  Certificate of Appropriateness §185-197  Landmark Designation §185-195 (2)  Informal Review	Build to Line Adjustment §185-17 (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 the proposed construction of a new town home dwelling. The proposed building will consist of 2 attached single family dwellings sharing a common wall. Lot 26 (47 Skylight Trail) will be approximately 2023 sq. ft. and Lot 25 (45 Skylight Trail) will be 2010 sq. ft. The town homes will be located in the new Alpine Ridge development.

Meeting Date: September 22, 2022

Property Address: 47 Skylight Trail,

### RN Residential Neighborhood Zoning



Town of Pittsford GIS

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BME Associates

"CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

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COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S ORIGINAL INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY.

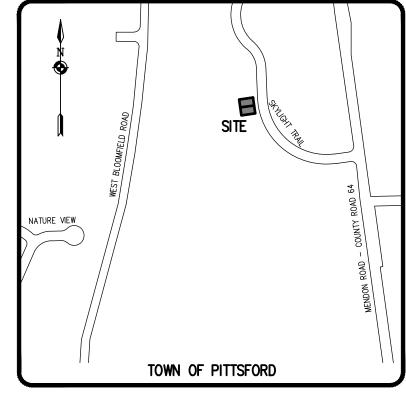
"UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209, OF THE NEW YORK STATE EDUCATION LAW."



**LEGEND** 

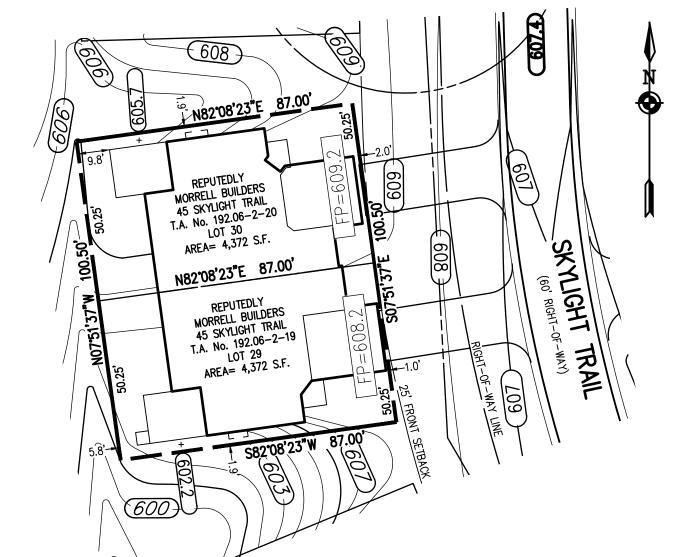
BOUNDARY LINE
CENTERLINE
ADJOINER/R.O.W. LINE
SETBACK LINE
PROPERTY MARKER FOUND

EXISTING EASEMENT LINE



LOCATION MAP

NOT TO SCALE



#### REFERENCES:

- 1. A PLAN ENTITLED "ALPINE RIDGE SUBDIVISION, SECTION 2", AS FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 364 OF MAPS, PAGE 2.
- 2. A PLAN ENTITLED "FINAL SECTION 2 PLANS FOR ALPINE RIDGE SUBDIVISION, GRADING PLAN," PREPARED BY MARATHON ENGINEERING, HAVING JOB NUMBER 0891-17, DRAWING NUMBER C4.0 AND LAST REVISED SEPTEMBER 17, 2021
- 3. AN ABSTRACT OF TITLE WAS NOT PROVIDED FOR THE COMPLETION OF THIS SURVEY.

#### NOTES:

- 1. THE BEARING BASE SHOWN HEREON WAS TAKEN FROM REFERENCE 1.
- 2. SETBACK REQUIREMENTS:
  FRONT 0' (LOT) 25' (R.O.W.)
  SIDE 0'
  REAR 0'
- 3. GRADING SHOW HEREON WAS TAKEN FROM REFERENCE 2.

PHELPS & GORHAM PURCHASE, TOWNSHIP 12, RANGE 5, TOWN LOT 6, TAX ACCOUNT No.'S 192.06-2-20 & 192.06-2-19

P:\2688\Instrument Surveys\2688 Lot 29—30 Plot Plan.dwg

PROJECT MANAGER
GD BELL
PROJECT SURVEYOR
GD BELL
DRAWN BY
JT GILMORE
SCALE
SCALE
PROJECT NO.
2688
DRAWING NO.
36

ALPINE RIDGE SUBDIVISION SECTION 2

TOWN OF PITTSFORD, MONROE COUNTY, NEW YORK STATE

CLIENT

LOCATION

MORRELL BUILDERS
1501 PITTSFORD-VICTOR ROAD
VICTOR, NEW YORK, 14564

PLOT PLAN OF LOTS 29 & 30



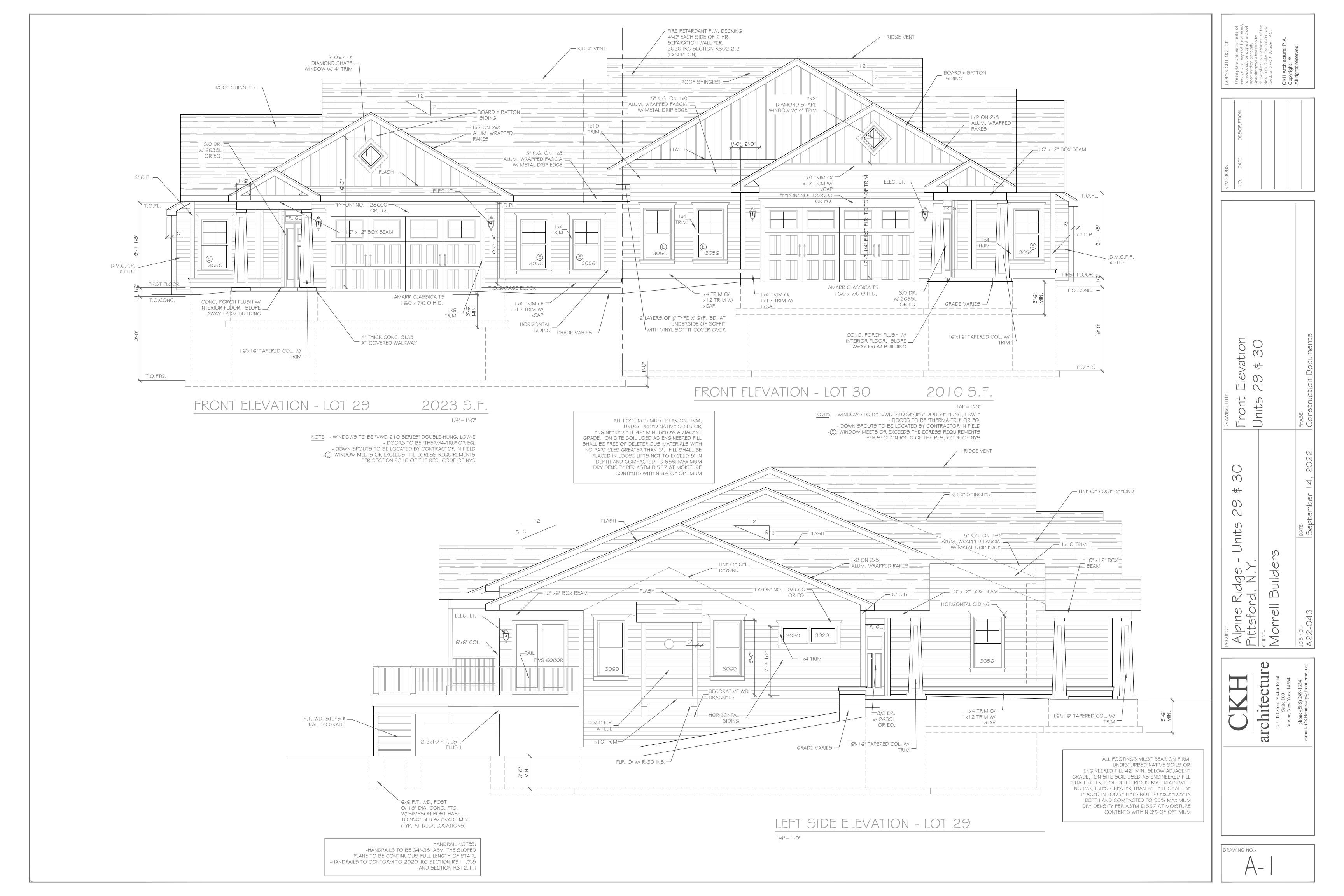


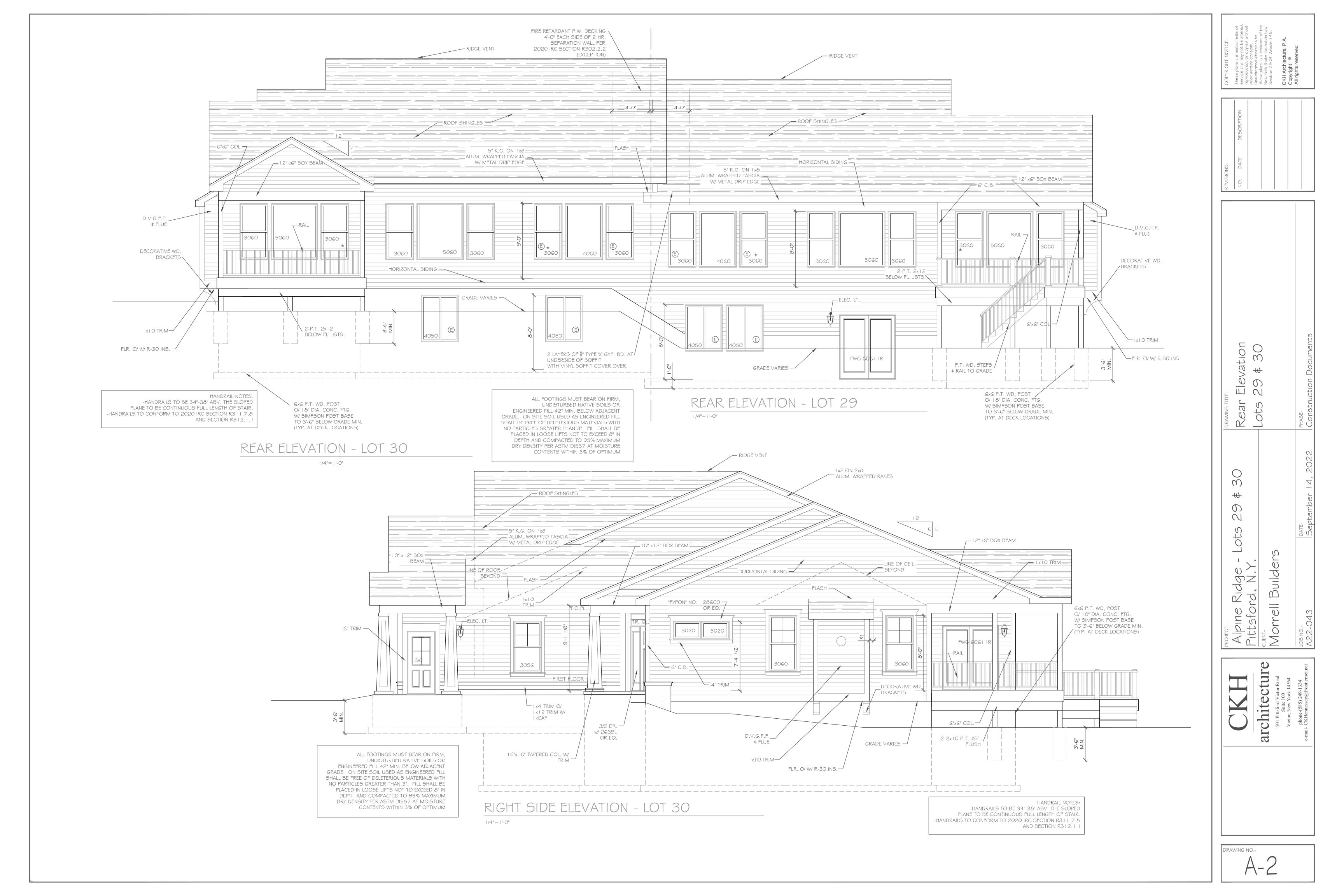
10 LIFTBRIDGE LANE EAST FAIRPORT, NEW YORK 14450 WWW.BMEPC.COM PHONE 585-377-7360 FAX 585-377-7309

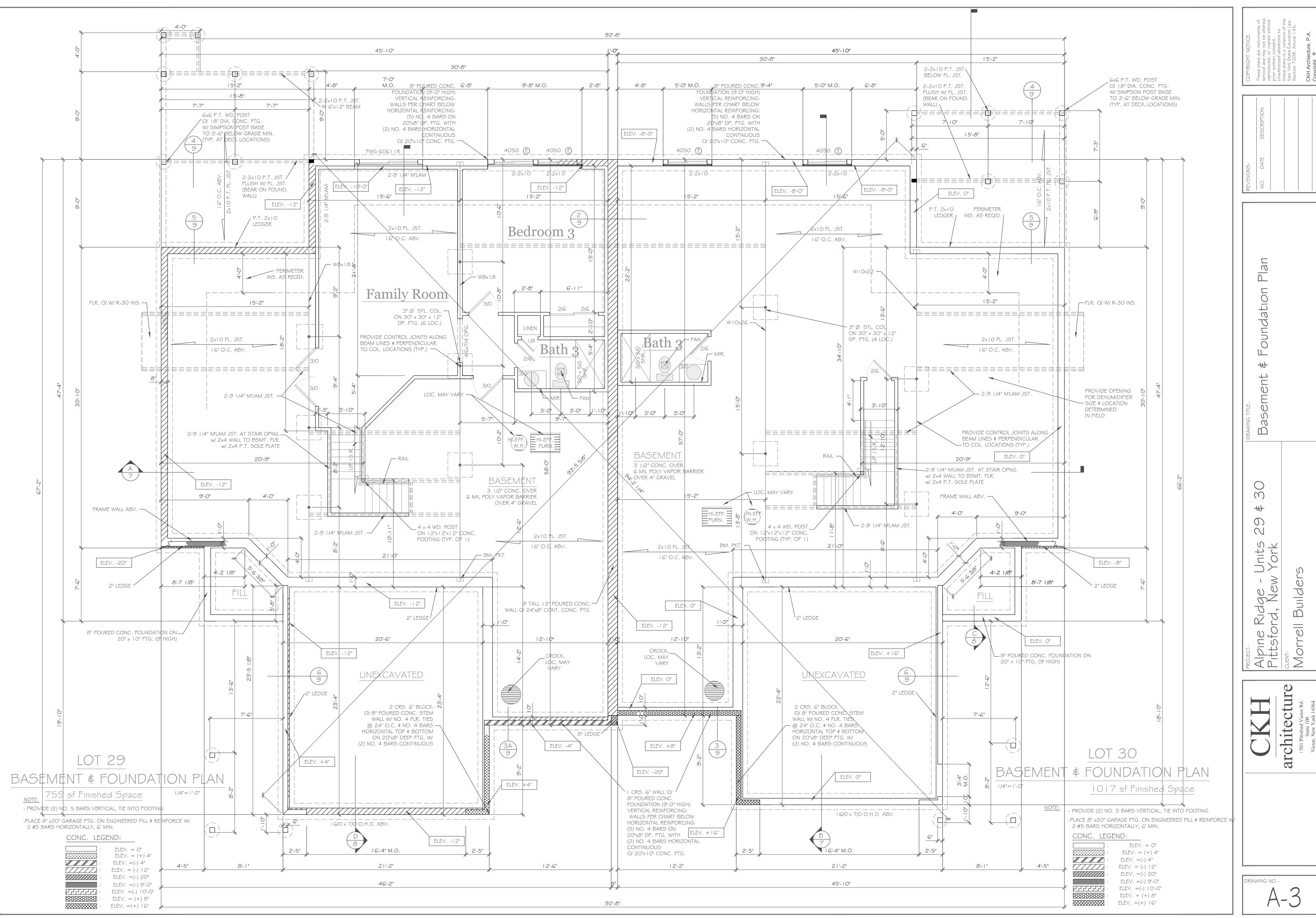
7			
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	REVISIONS	DATE	BY

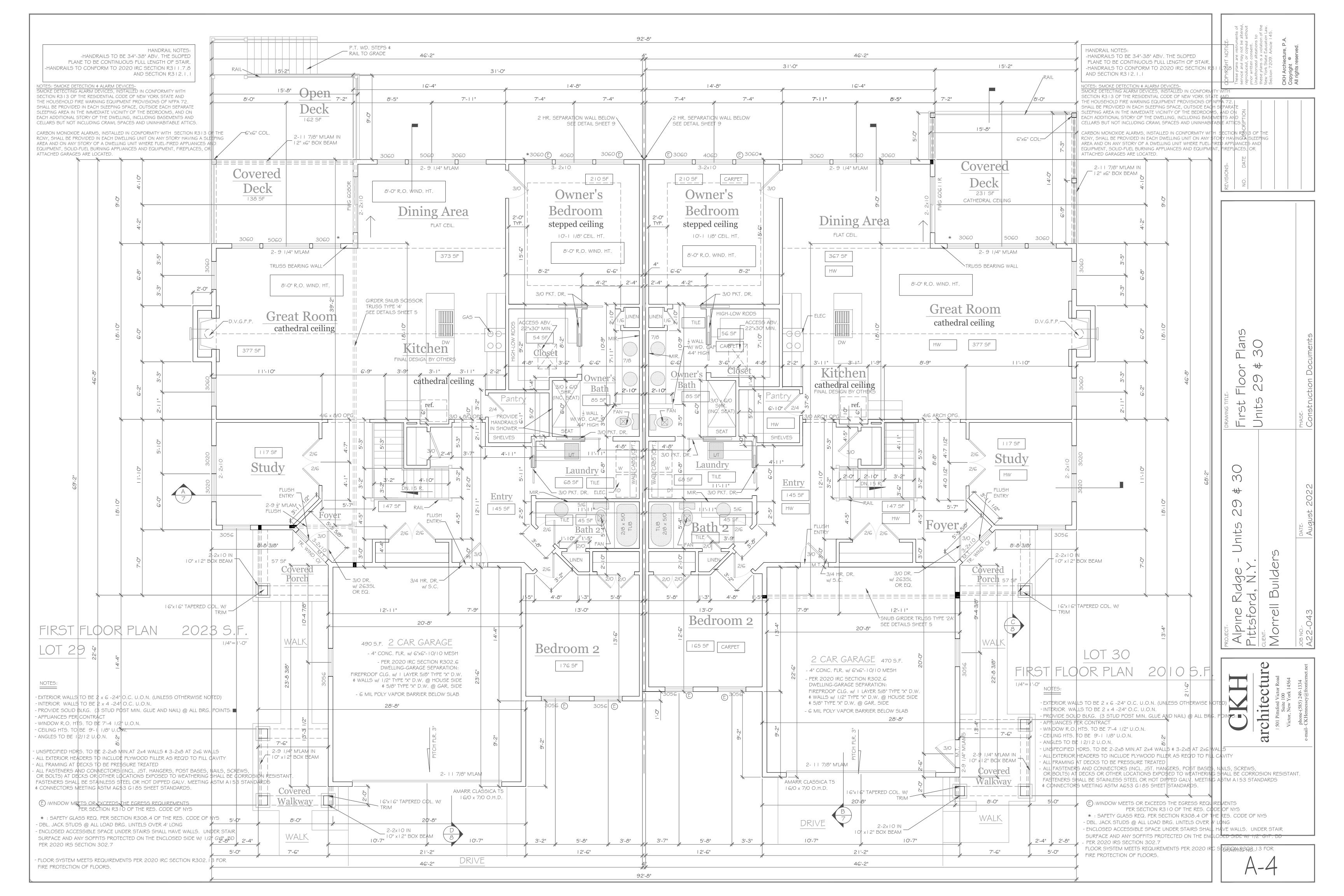
The following is an excerpt from the New York State Education Law Articls 145 Section 7209 and applies to this drawing:

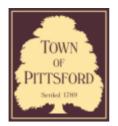
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter an item in any way. If an item bearing seal of an engineer or land surveyor altered, the altering engineer or land surveyor shall affix to the item his so and the notation "altered by" followed by his signature and the date of such surveyor shall affix to the other his so and the notation altered by followed by his signature and the date of such surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his so and the notation altered by followed by his signature and the date of such surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his so and the notation altered by followed by the surveyor shall affix to the item his surveyor shall affix to the item











#### **Town of Pittsford**

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

Permit # S22-000009

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

**Property Address:** 3660 Monroe Avenue PITTSFORD, NY 14534 **Tax ID Number:** 151.13-1-23

Zoning District: B Residential
Owner: Pittsford Garden, LLC
Applicant: Pittsford Garden, LLC

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

**Project Description:** Applicant is requesting design review to replace existing ground sign with a new 25 SF sign that is same size and same setback as existing sign.

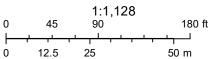
Meeting Date: September 22, 2022



### RN Residential Neighborhood Zoning



Printed August 31, 2022



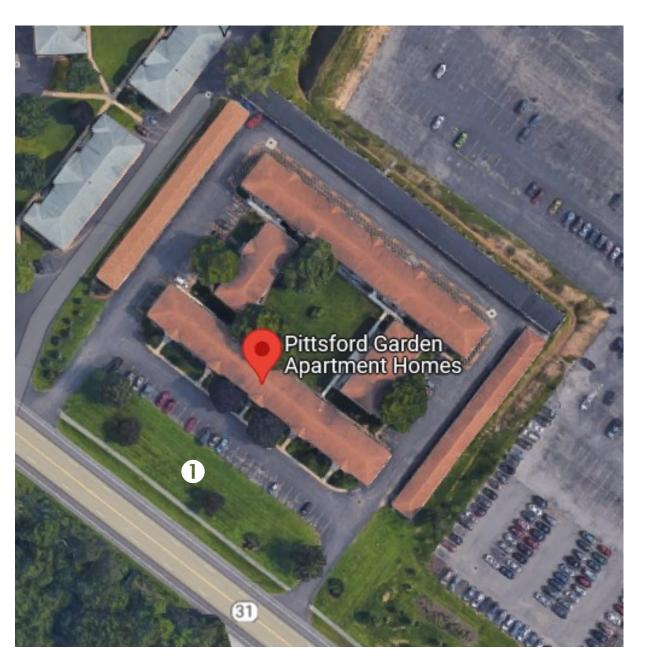
Town of Pittsford GIS

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### MORGAN PROPERTIES MC CONVERSION: PITTSFORD GARDEN





#### **SIGN SUMMARY**























#### **MAIN ID SIGN QUANTITY (1)**



SIGN ZONING RECAP:

EXISTING SIGN: 5'-9" OVERALL HEIGHT SIGN AREA: 24.5 SF

6'-0" OVERALL HEIGHT INTERNAL ILLUMINATION

NO CHANGE TO: SIGN LOCATION OR

Client:

MORGAN PROPERTIES PITTSFORD GARDEN APARTMENT HOMES

Location:

3660 MONROE AVENUE PITTSFORD NY 14534

Date:

07-18-22 09-02-22 08-08-22

Dwg. By: RBC

Dwg No: PGAH0718224112









302 NORTH WASHINGTON ST. ORWIGSBURG, PENNSYLVANIA 17961 PHONE 570-366-2311

E-Mail: signsetc@bartush.com Web Address: www.bartush.com

#### **MAIN ID SIGN** SIGN CABINET OPTIONS **QUANTITY (1)** A. ILLUMINATED ROUTED PUSHED THRU 3" SQUARE CONNECTORS 3" WARM GRAY ACCENTS **6" SOUARE ALUM POSTS** 7'-0" **COLORS FOR SIGN** WHITE BLACK PMS WARM GRAY 9C BLUE SILVER/ALUMINUM Pittsford MORGAN PROPERTIES Garden 3'-6" Client: 5'-6" Location: **APARTMENT HOMES BARTUSH TO SET SUPPORTS** Date: IN NEW CONCRETE FOUNDATION 2'-0" 08-08-22 Dwa. Bv: RBČ SIGN ELEVATION

**SIGN #1 DETAILS -**

FABRICATE & INSTALL (1) NEW REPLACEMENT DF FS FREESTANDING ID **SIGN; MAINTAIN SAME LOCATION + ORIENTATION**;

**REMOVE THE EXISTING POST & PANEL SIGN** & DISPOSE OF SAME;

REPLACEMENT SIGN TO BE FABRICATED ALUMINUM; TO BE DOUBLE SIDED; SIGN FACE OPTIONS: SEE BOX IN UPPER RIGHT; **ELECTRICAL WORK BY CUSTOMER;** 

**DISPOSAL OF ANY EXCAVATED EARTH TO BE** ON CUSTOMER'S SITE:

1/2"=1'-0"

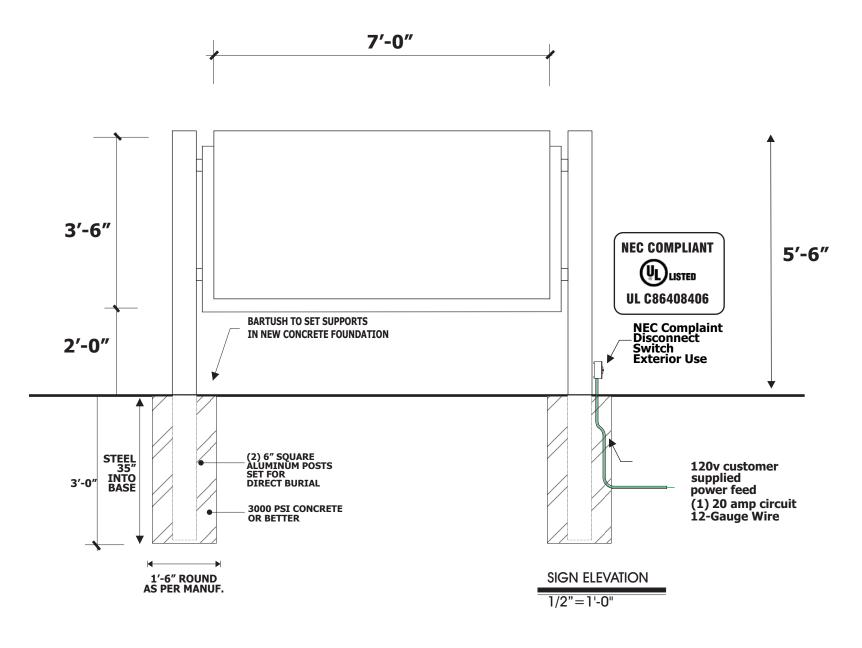


GRAY



#### **MAIN ID SIGN**

**QUANTITY (1)** 





302 NORTH WASHINGTON ST.
ORWIGSBURG, PENNSYLVANIA 17961
PHONE 570-366-2311
E-Mail: signsetc@bartush.com
Web Address: www.bartush.com

#### **MAIN ID SIGN**

**QUANTITY (1)** 



Client:

MORGAN PROPERTIES PITTSFORD GARDEN APARTMENT HOMES

#### Location:

3660 MONROE AVENUE PITTSFORD NY 14534

Date:

07-18-22 09-02-22 08-08-22

Dwg. By: RBC

Dwg No: PGAH0718224112









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