

**Design Review & Historic Preservation Board**  
**Agenda**  
**February 10, 2022**

**HISTORIC PRESERVATION DISCUSSION**

**RESIDENTIAL APPLICATION FOR REVIEW**

- **25 Knollwood Drive**  
The Applicant is requesting design review for the construction of a new covered entryway off the front of the house. In addition, the Applicant would like raise the ridge of the back roof of the main house to blend with the roof of the previously added sunroom.
- **4035 East Avenue**  
The Applicant is requesting design review for the construction of an approximately 100 SF mudroom entryway off the back of the house.
- **592 Allens Creek Road**  
The Applicant is requesting design review for the construction of an approximately 350 SF two story addition where the current sun room is as well as the construction of a new 690 SF screened in porch off the back side of the house.

**RESIDENTIAL APPLICATION FOR REVIEW – NEW HOMES**

- **1 Stable View**  
The Applicant is requesting design review for the construction of a two story single family home. The home will be approximately 2951 SF.
- **8 Black Wood Circle**  
The Applicant is requesting design review for the construction of an approximately 2107 SF new single story family home in the Wilshire Hill subdivision.

**Design Review and Historic Preservation Board**  
**Minutes**  
**January 27, 2021**

**PRESENT**

Dirk Schneider, Chairman; Paul Whitbeck, John Mitchell, Bonnie Salem

**ALSO PRESENT**

Cathy Koshykar, Town Board liaison; Robert Koegel, Town Attorney; Bill Zink, Building Inspector; Susan Donnelly, Secretary to the Board

**ABSENT**

Dave Wigg, Kathleen Cristman

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

**HISTORIC PRESERVATION DISCUSSION**

Susan Donnelly, Secretary to the Board, reported that the pole for the marker for the East Street Burying Ground has been delivered. In addition, she reported that an order has been placed at the request of the homeowner for a historic plaque for the designated home located at 255 East Brook Road.

- **14 Landsdowne Lane**

The Applicant is requesting design review for the construction of a two story single family home. The home will be approximately 4504 square feet.

Jim Fahy of Fahy Design Associates and Greg Bowering of Bowering Homes were present to discuss the application with the Board on behalf of the homeowners Dan and Meredith Wilmot.

Mr. Fahy discussed the new construction. The existing mature vegetation will be retained near the neighboring properties. The ridge height from the front elevation is 25 ft. and the footprint of the home is 15% of the allowed lot coverage. Drainage is diverted away from neighboring properties.

The finishes were described as board and batten siding with quarried stone at the water table on all elevations. The front porch will be post and rail on the front elevation and stainless cable rail on the rear elevation. The windows will be Anderson series with black trim, shingles will be architectural shingles on the main roof and accent roofs will be black standing seam metal. The front door will be wooden and garage doors will be carriage style with wood veneer to match the front door. Mr. Fahy indicated that the house will be built as per the color rendering presented to the Board, however the owners are considering stain instead of white paint for the posts and rails on the exterior.

Bonnie Salem inquired about landscaping between the home and the neighboring properties. Mr. Fahy responded that a substantial amount of trees remain between #23 Briar Patch Drive and #25 Briar Patch is farther away from the structure than #23.

Dirk Schneider moved to approve the application as submitted with the option of staining the heavy timber work on all elevations to include the porch posts, box beams, railings and brackets should the owner chose to.

Bonnie Salem seconded.

All Ayes.

- **9 Hawkstone Way**

The Applicant is requesting design review for the construction of a one story single family home. The home will be approximately 1908 square feet and will be located in the Cottages at Malvern Hills Subdivision.

This application was withdrawn from the agenda by the Applicant prior to the meeting but will return at a later date.

## **COMMERCIAL APPLICATION FOR REVIEW – SIGNS**

- **3400 Monroe Avenue – Massage Envy**

The Applicant has requested design review to replace two business identification signs. The building sign will be approximately 72 square feet over the entrance and the sign on the door will be approximately 4 square feet. Both signs meet zoning and will identify the business "Massage Envy."

Kurt Wright was present to discuss the proposed signage with the Board.

The sign will be the same square footage, color and illumination as the existing sign but feature a new font.

Paul Whitbeck moved to approve the application as submitted.

John Mitchell seconded.

All Ayes.

- **3750 Monroe Avenue – Kore**

The Applicant has requested design review to install a new business identification sign. The building sign will be approximately 60 square feet over the entrance. The sign meets zoning and will identify the business "KORE."

Jim Columbo of Skylight Signs was present to discuss new signage for Kore Wireless.

The sign will be vinyl copy consistent with the other current signs in the plaza.

The Board reviewed the renderings for the new sign.

Bonnie Salem moved to approve the application as submitted.

Paul Whitbeck seconded.

All Ayes.

## **REVIEW OF MINUTES OF JANUARY 13, 2022 MEETING**

Dirk Schneider moved to accept the minutes of January 13, 2022 with one change.

Bonnie Salem seconded.

All Ayes.

## **ADJOURNMENT**

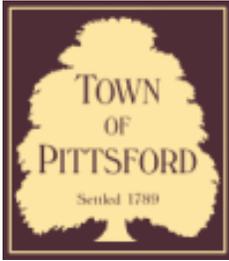
Dirk Schneider moved to close the meeting at 6:40 pm.

All Ayes.

Respectfully submitted,

Susan Donnelly  
Secretary to the Design Review and Historic Preservation Board

DRAFT



## Town of Pittsford

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

**Permit #**  
**B21-000256**

Phone: 585-248-6250

FAX: 585-248-6262

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

**Property Address:** 25 Knollwood Drive ROCHESTER, NY 14618

**Tax ID Number:** 138.13-1-5

**Zoning District:** RN Residential Neighborhood

**Owner:** Senthil & Colleen Natarajan

**Applicant:** Senthil & Colleen Natarajan

#### Application Type:

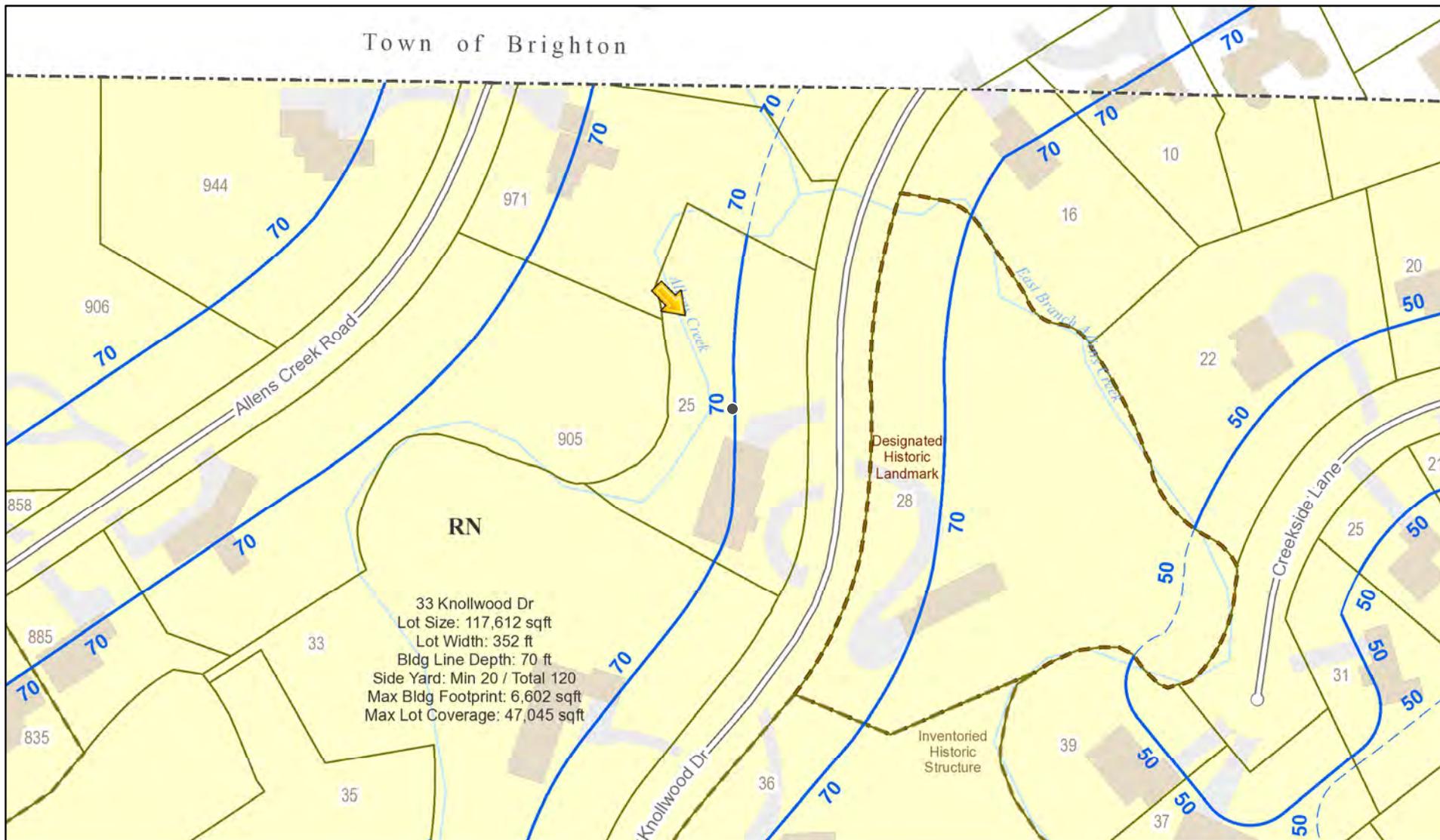
- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Residential Design Review<br>§185-205 (B) | <input type="checkbox"/> Build to Line Adjustment<br>§185-17 (B) (2)            |
| <input type="checkbox"/> Commercial Design Review<br>§185-205 (B)             | <input type="checkbox"/> Building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

**Project Description:** Applicant is requesting design review for the construction of a new covered entryway off the front of the house. In addition, the applicant would like raise the ridge of the back roof of the main house to blend with the roof of the previously added sun room.

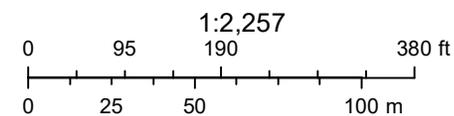
**Meeting Date:** February 10, 2022



# RN Residential Neighborhood Zoning



Printed December 30, 2021



Town of Pittsford GIS

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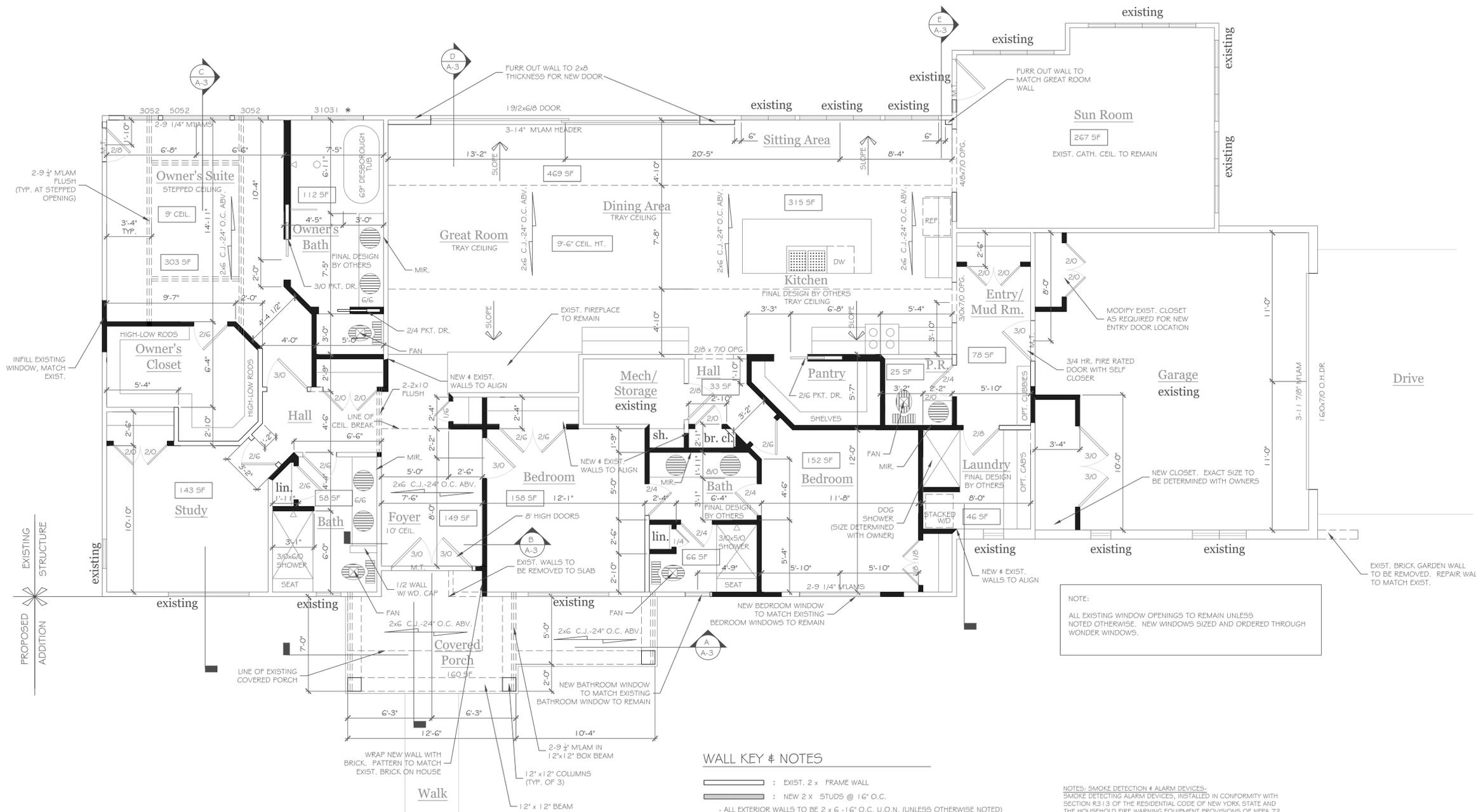
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# First Floor Plan

1/4"=1'-0"

### WALL KEY & NOTES

- : EXIST. 2 x FRAME WALL
- : NEW 2 x STUDS @ 16" O.C.
- ALL EXTERIOR WALLS TO BE 2 x 6 - 16" O.C. U.O.N. (UNLESS OTHERWISE NOTED)
- ALL INTERIOR WALLS TO BE 2 x 4 - 16" O.C. U.O.N.

G.C. NOTE: THE SYMBOL +/- INDICATES A DIMENSION TO BE VERIFIED IN FIELD PROVIDE SOLID BLKG. (3 STUD POST MIN. GLUE AND NAIL U.O.N.) @ ALL BRG. POINTS. ■ WINDOW R.O. HTS. TO BE +/- 6'-10 1/2" (U.O.N.) CLG. HTS. TO BE +/- 8'-0" (NEW # EXIST. FLOOR & CEIL. LEVELS TO ALIGN)(U.O.N.) ALL ANGLES TO BE 12/12 U.O.N. REFER TO SPEC. SHEET FOR ALL UNSPECIFIED HDRS. (E) WINDOW MEETS OR EXCEEDS THE EGRESS REQUIREMENTS PER SECTION R310 OF THE RES. CODE OF NYS \* : SAFETY GLASS REQ. PER SECTION R308.4 OF THE RES. CODE OF NYS DBL. JACK STUDS @ ALL LOAD BRG. LINTELS OVER 4' LONG

NOTES: SMOKE DETECTION & ALARM DEVICES- SMOKE DETECTING ALARM DEVICES, INSTALLED IN CONFORMITY WITH SECTION R313 OF THE RESIDENTIAL CODE OF NEW YORK STATE AND THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72 SHALL BE PROVIDED IN EACH SLEEPING SPACE, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AND ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND CELLARS BUT NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. CARBON MONOXIDE ALARMS, INSTALLED IN CONFORMITY WITH SECTION R313 OF THE RCNY, SHALL BE PROVIDED IN EACH DWELLING UNIT ON ANY STORY HAVING A SLEEPING AREA AND ON ANY STORY OF A DWELLING UNIT WHERE FUEL-FIRED APPLIANCES AND EQUIPMENT, SOLID-FUEL BURNING APPLIANCES AND EQUIPMENT, FIREPLACES, OR ATTACHED GARAGES ARE LOCATED.

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REVISIONS-	NO.	DATE	DESCRIPTION

DRAWING TITLE- **First Floor Plan**  
PHASE- **Construction Documents**

PROJECT- **Renovations to: 25 Knollwood Drive**  
CLIENT- **Senthil & Colleen Natarajan**  
JOB NO.- **A21-011**  
DATE- **January 2022**

**CKH** architecture  
1501 Pinetree Victor Road  
Suite 100  
Victor, New York 14564  
phone-(585) 249-1334  
e-mail-CKHennessey@frontiernet.net

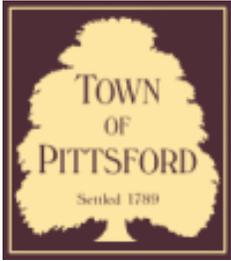
DRAWING NO.- **A-2**



CAROL  
REAL ESTATE







# Town of Pittsford

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

**Permit #**  
**B22-000014**

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

**Property Address:** 4035 East Avenue ROCHESTER, NY 14618

**Tax ID Number:** 151.06-1-21

**Zoning District:** RN Residential Neighborhood

**Owner:** Mike Devine

**Applicant:** Tom Lawler

### 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 construction of an approximately 100 SF mud room entryway off the back of the house.

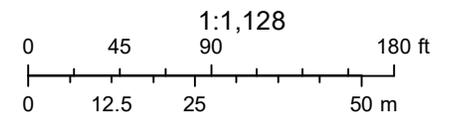
**Meeting Date:** February 10, 2022



# RN Residential Neighborhood Zoning



Printed February 3, 2022



Town of Pittsford GIS

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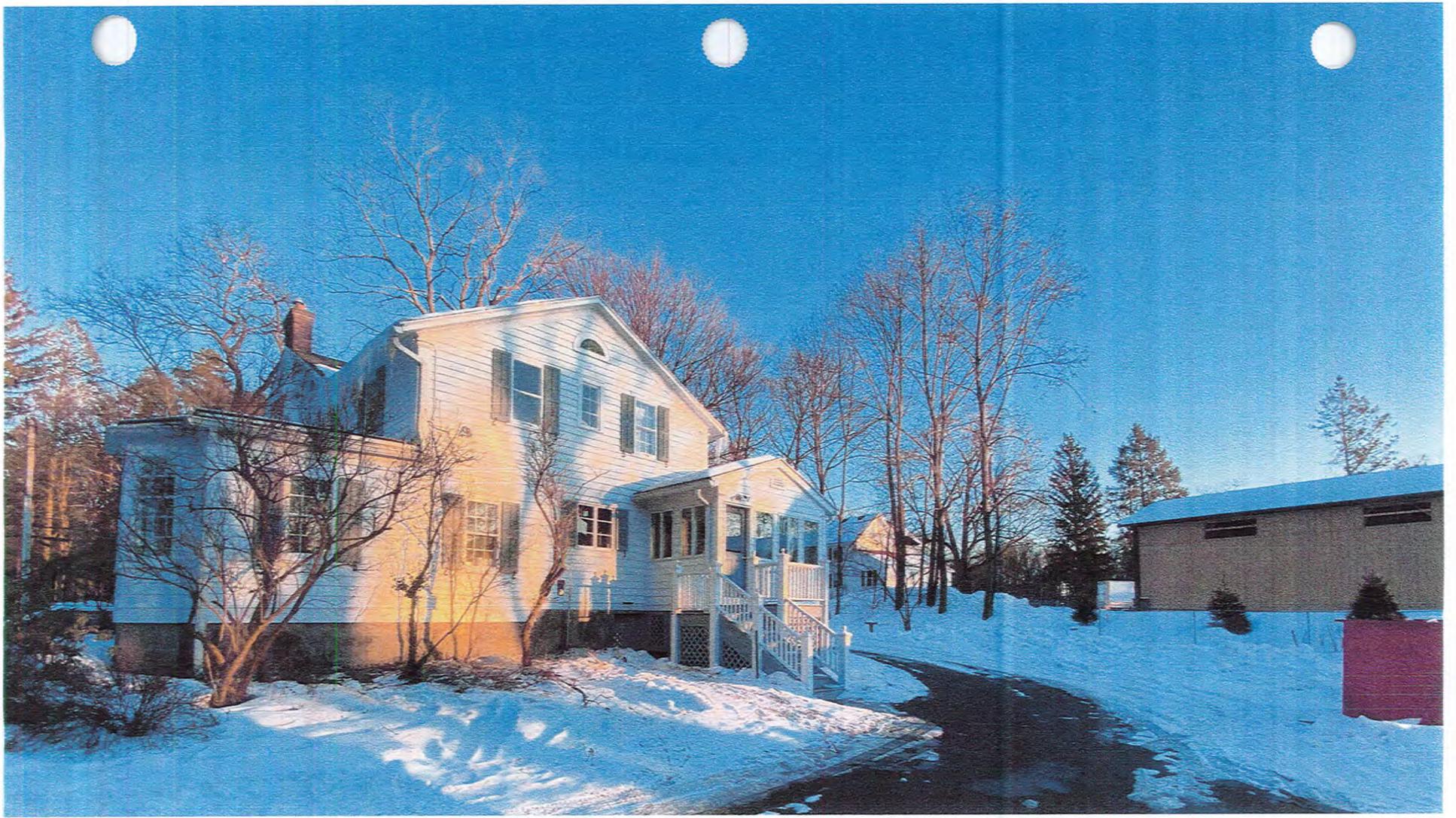
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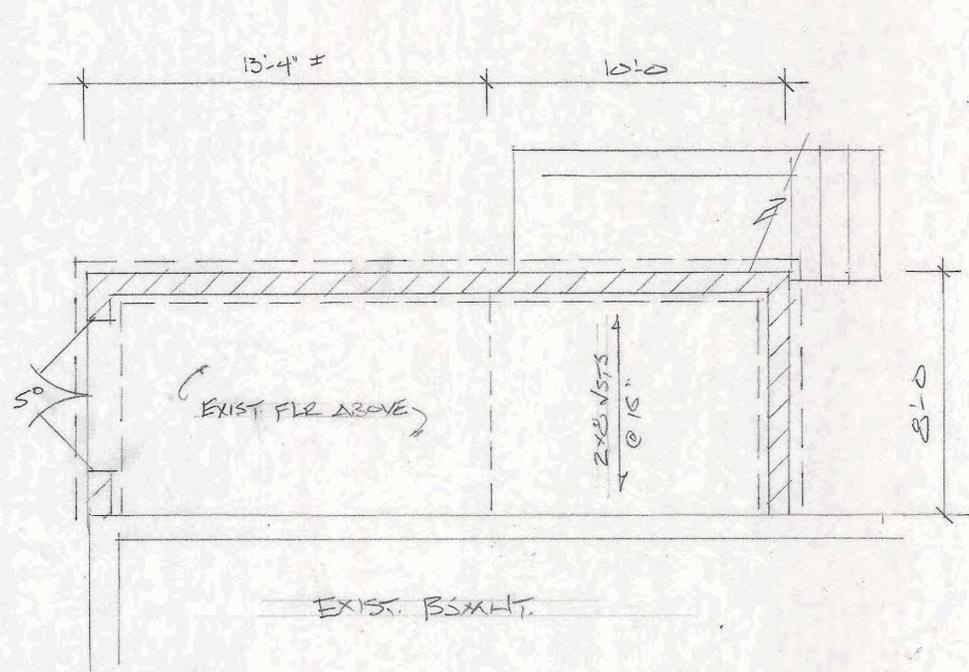
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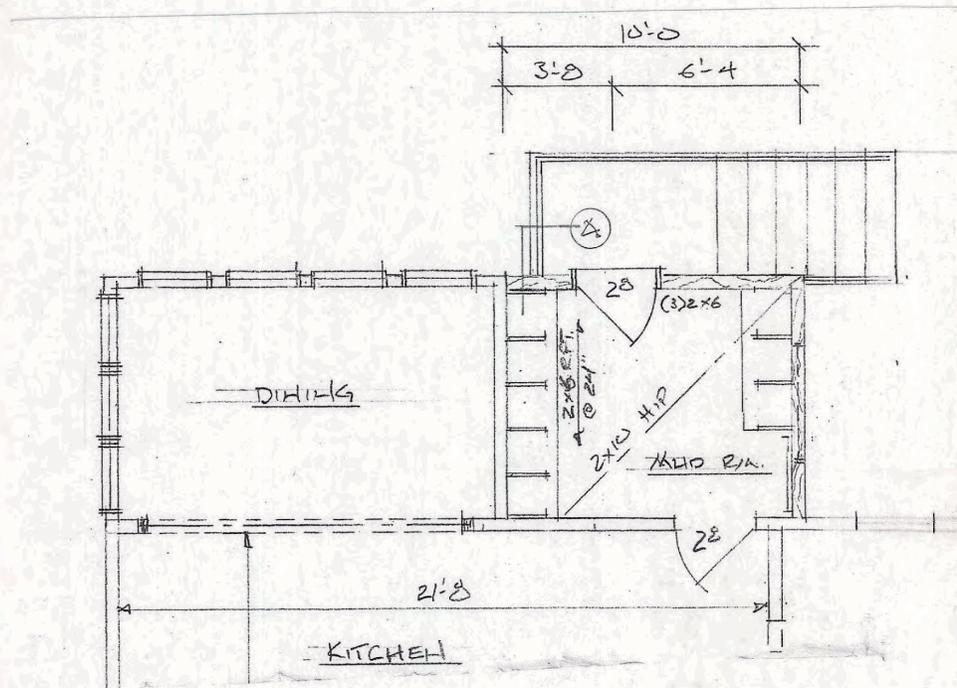
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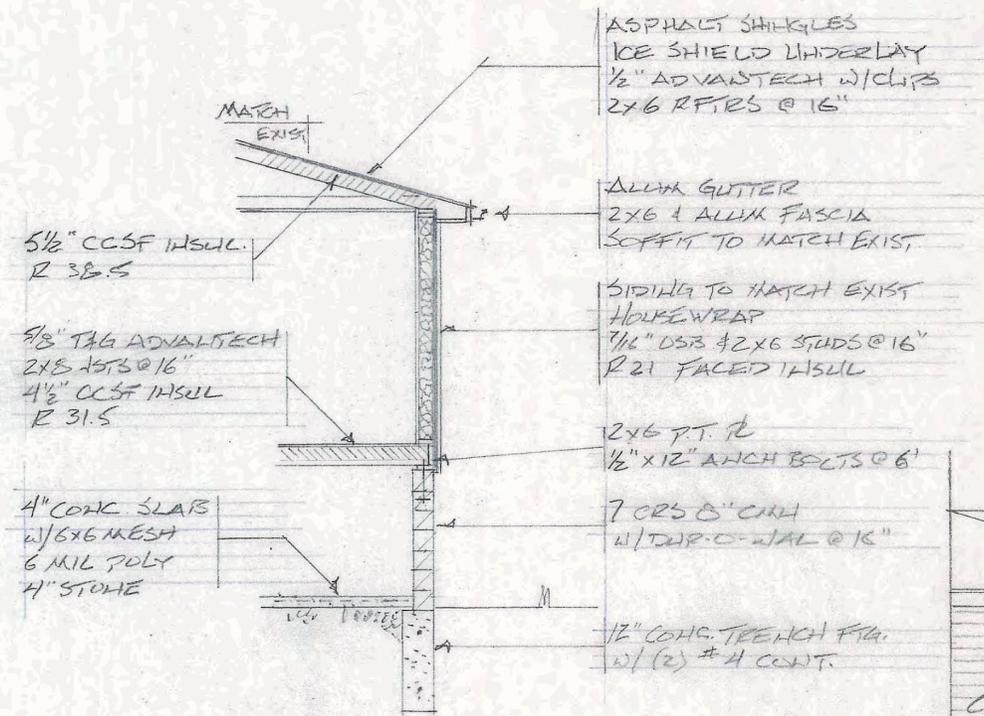
FOUNDATION PLAN

1/4" = 1'-0"



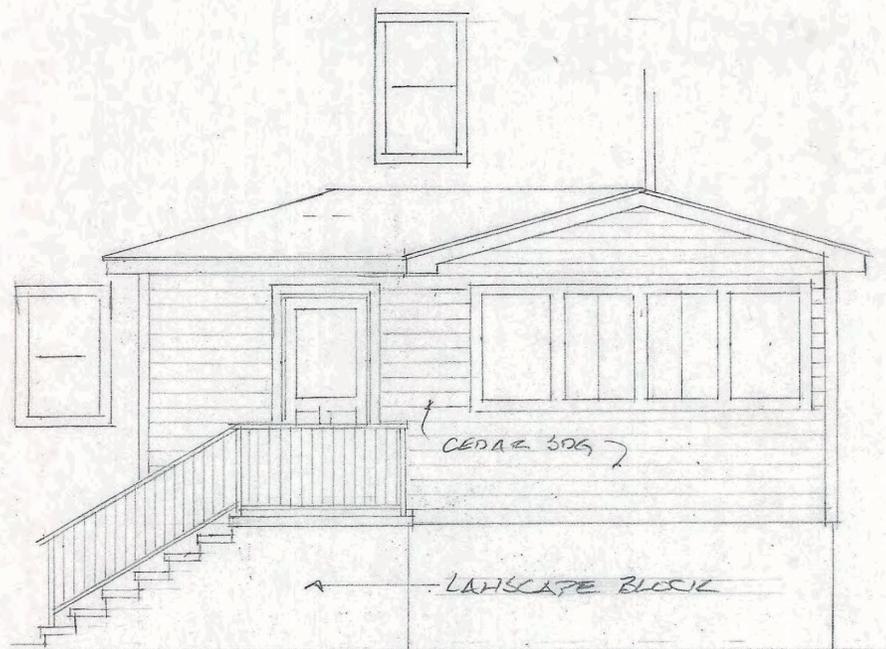
FLOOR PLAN

1/4" = 1'-0"



SECTION A

1/4" = 1'-0"



WEST ELEVATION

1/4" = 1'-0"



NORTH ELEVATION

1/4" = 1'-0"

MARK P. MULLER  
ARCHITECT

Tel 657-8905

3509 Taft Road  
Bloomfield, NY 14469



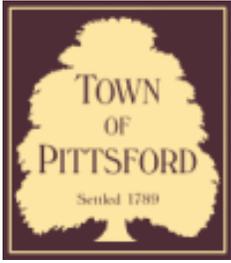
DEVILE ADDITION  
4035 EAST AVE.  
PITTSFORD

REV 1.31.21  
1-24-21









# Town of Pittsford

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

**Permit #**  
**B22-000018**

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

**Property Address:** 592 Allens Creek Road ROCHESTER, NY 14618

**Tax ID Number:** 137.16-2-21

**Zoning District:** RN Residential Neighborhood

**Owner:** Cunniffe, Daniel T

**Applicant:** A Frank and Co. LLC

### Application Type:

- Residential Design Review §185-205 (B)
- Commercial Design Review §185-205 (B)
- Signage §185-205 (C)
- Certificate of Appropriateness §185-197
- Landmark Designation §185-195 (2)
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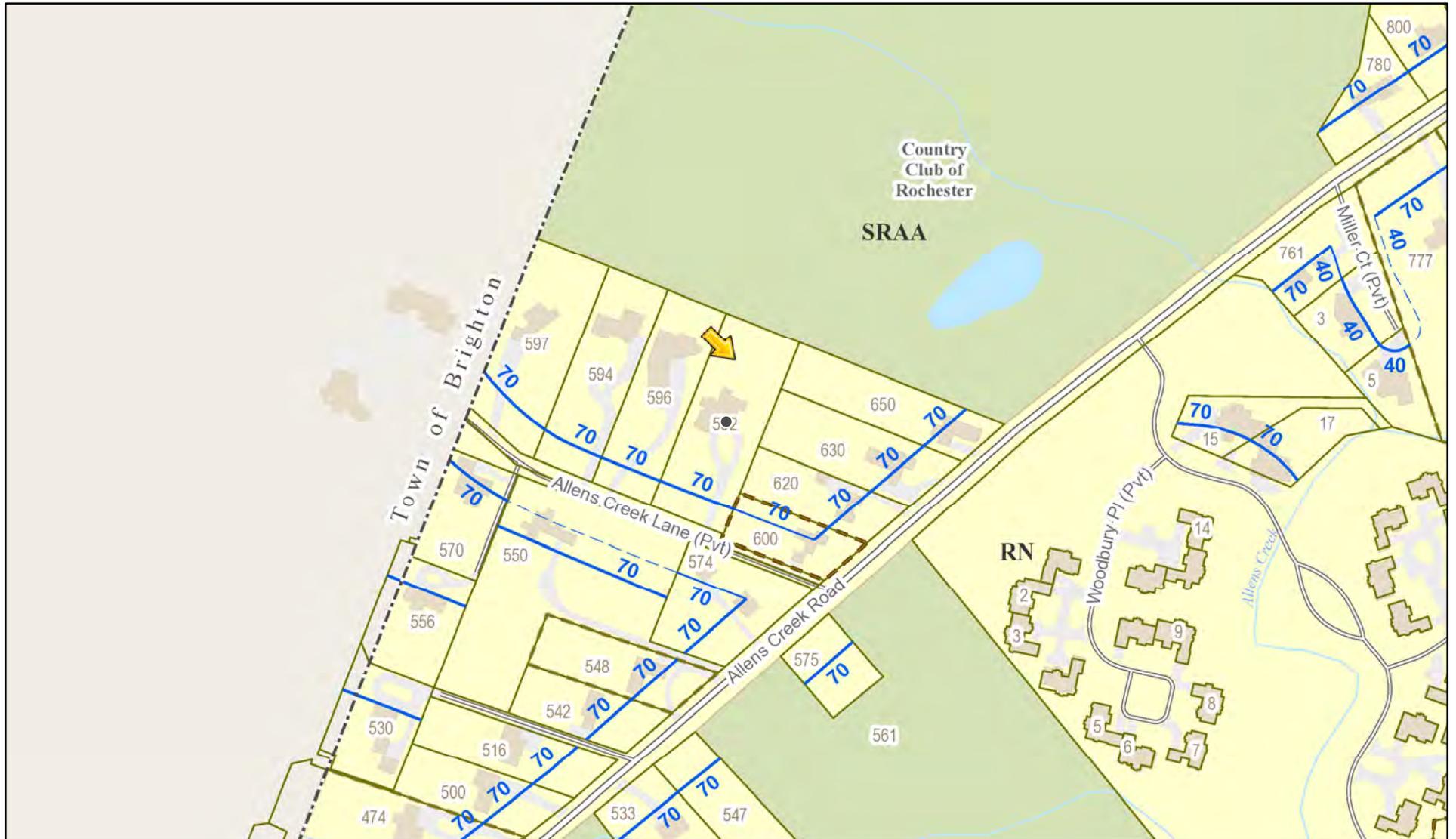
**Project Description:** Applicant is requesting design review for the construction of an approximately 350 SF two story addition where the current sun room is as well as the construction of a new 690 SF screened in porch off the back side of the house.

**Meeting Date:** February 10, 2022

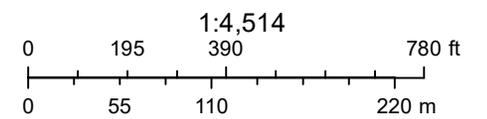




# RN Residential Neighborhood Zoning

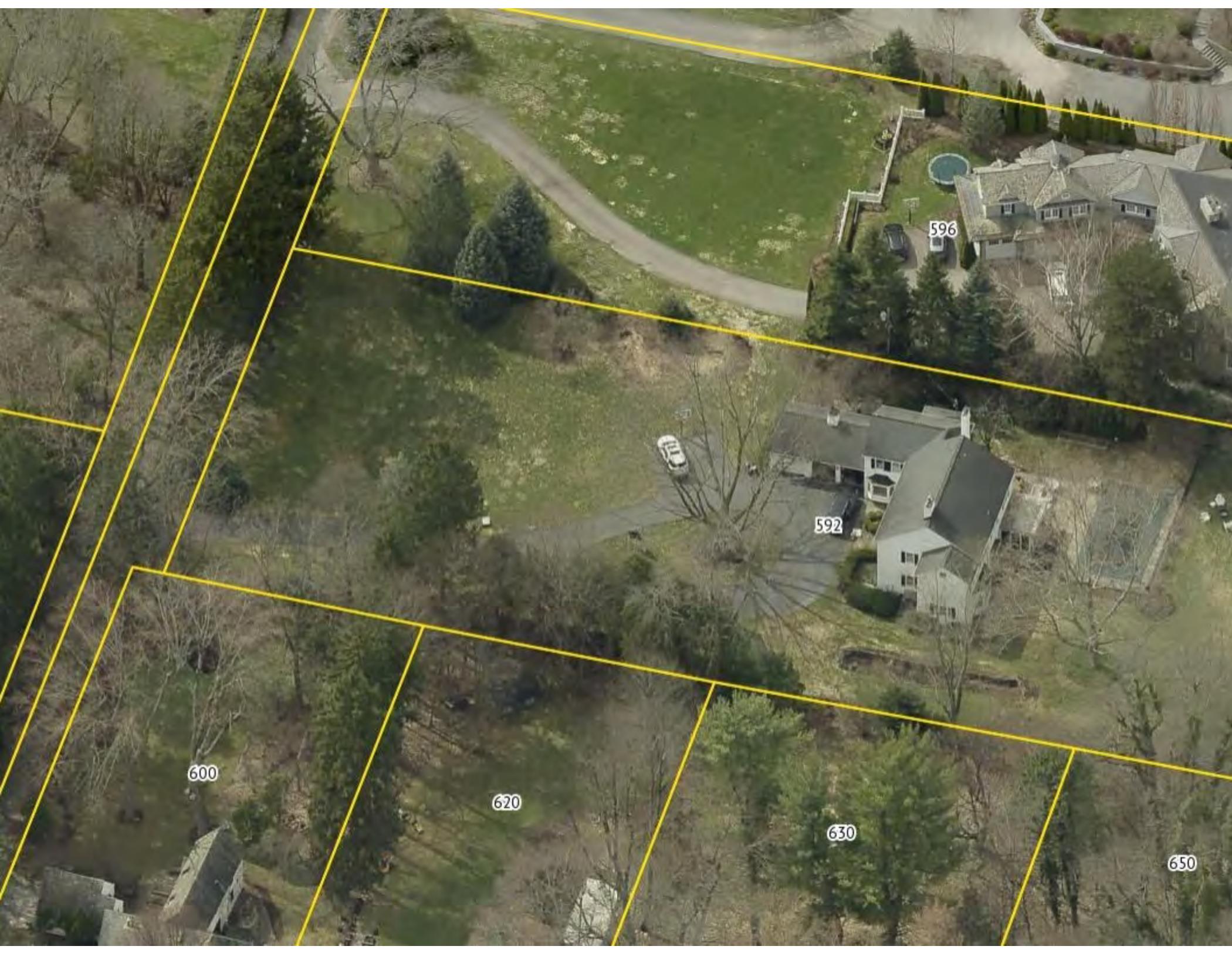


Printed February 3, 2022



Town of Pittsford GIS

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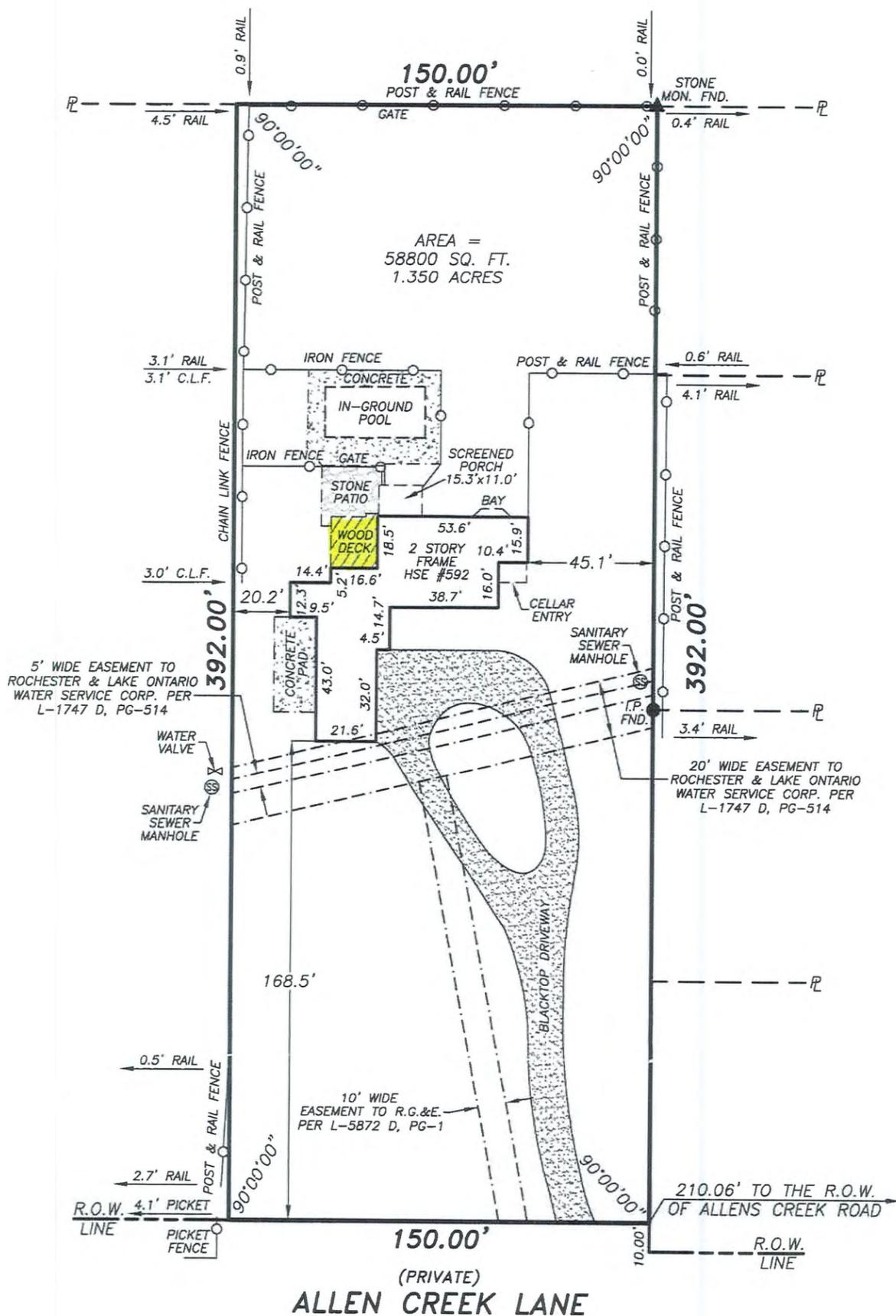
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**CERTIFICATION:**

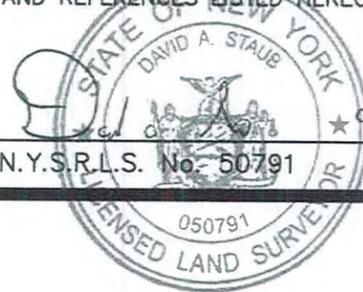
I, DAVID A. STAUB, HEREBY CERTIFY TO:

- DANIEL CUNNIFFE
- OLVER KORTS, LLP.
- CITIBANK, N.A., ITS SUCCESSORS AND/OR ASSIGNS
- STEWART TITLE INSURANCE COMPANY
- THE LAW FIRM REPRESENTING THE LENDER

THAT THIS MAP WAS MADE SEPTEMBER 4, 2012  
 FROM NOTES OF AN INSTRUMENT SURVEY  
 COMPLETED AUGUST 30, 2012  
 AND REFERENCES LISTED HEREON.

**REFERENCES:**

- 1.) LIBER 9632 OF DEEDS, PAGE 656.
- 2.) ABSTRACT OF TITLE No. WTA-12-25677-NY (WEB TITLE).
- 3.) EASEMENT TO R.G.&E. PER LIBER 5872 OF DEEDS, PAGE 85.
- 4.) EASEMENT TO ROCHESTER & LAKE ONTARIO WATER PER LIBER 2434 OF DEEDS, PAGE 265.



N.Y.S.R.L.S. No. 50791

DATE:

NOTE: PREMISES SUBJECT TO ALL EASEMENTS, RESTRICTIONS & COVENANTS OF RECORD.

**INSTRUMENT SURVEY**  
**592 ALLEN CREEK LANE**  
 BEING PART OF TOWN LOTS No. 68 & 69,  
 TOWNSHIP No. 12, RANGE No. 5, TOWN OF PITTSFORD,  
 COUNTY OF MONROE, STATE OF NEW YORK

\*UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.\*

\*ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S RED INK SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.\*

\*CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.\*



**TRIPLE POINT LAND SURVEYING, LLC.**

16 EAST MAIN STREET SUITE 320  
 ROCHESTER, NEW YORK 14614  
 Phone (585) 263-9950  
 Fax (585) 263-3591

SCALE: 1" = 50'

TAX ACCOUNT: 137.16-2-21

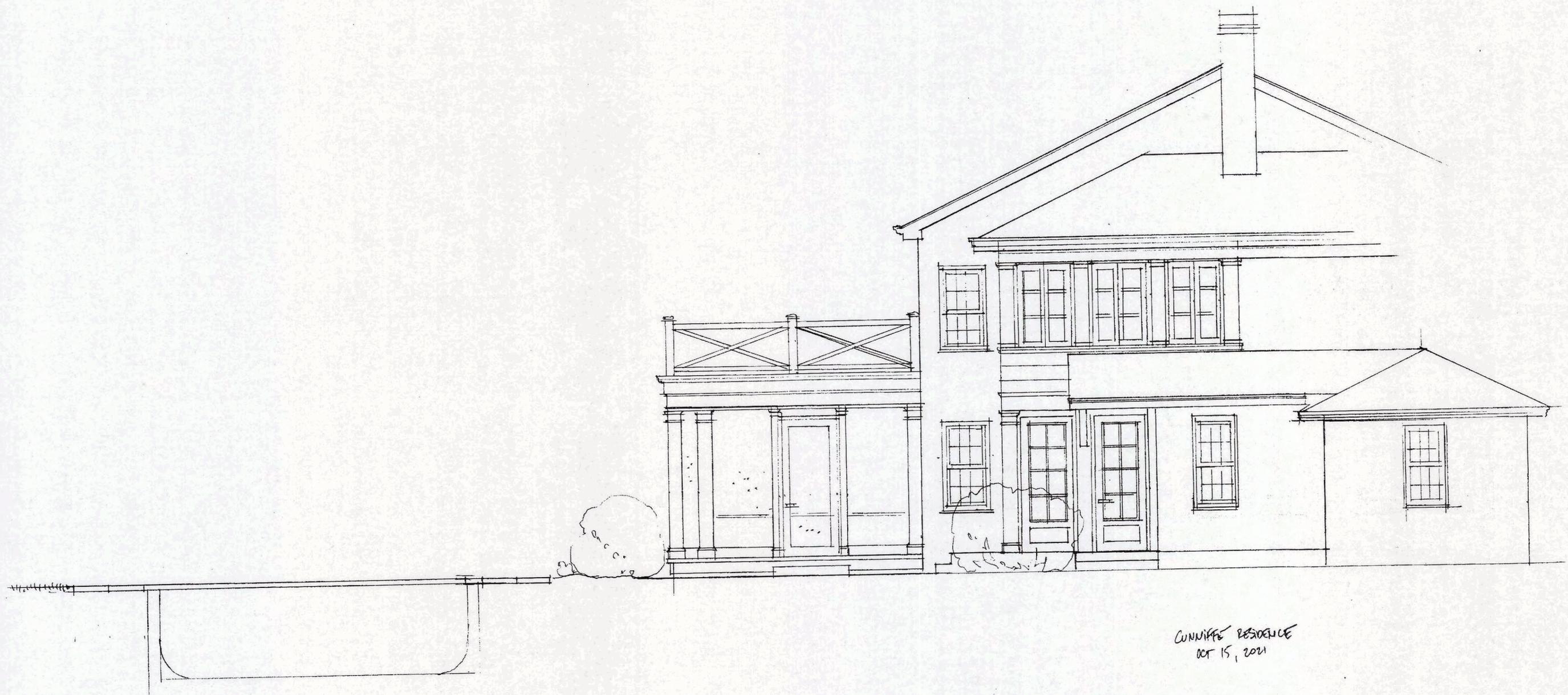
JOB No. 1088-12

DATE: SEPT. 4, 2012



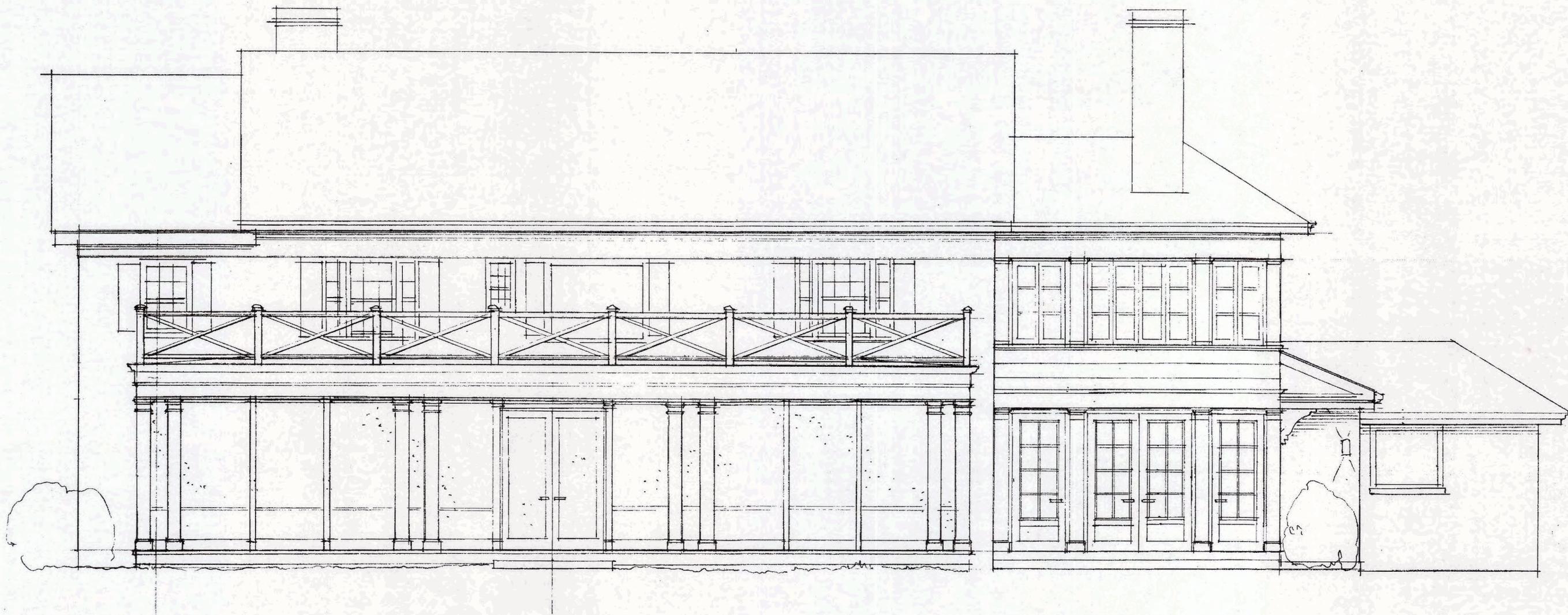
Cumville · Atlas Creek

JUNE 4, 2021



CUNIFFE RESIDENCE  
OCT 15, 2021

RECEIVED  
FEB 02 2022  
TOWN OF PITTSFORD



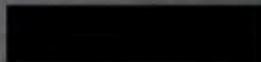
CUNIFFE RESIDENCE  
OCT 15, 2021

RECEIVED  
FEB 02 2022  
TOWN OF PITTSFORD

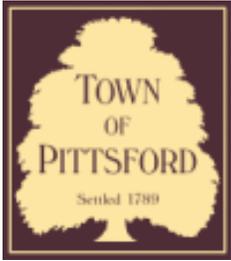












# Town of Pittsford

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

**Permit #  
B22-000017**

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

**Property Address:** 1 Stable View PITTSFORD, NY 14534

**Tax ID Number:** 192.01-3-32

**Zoning District:** RN Residential Neighborhood

**Owner:** Masi Enterprises Inc.

**Applicant:** Masi Enterprises Inc.

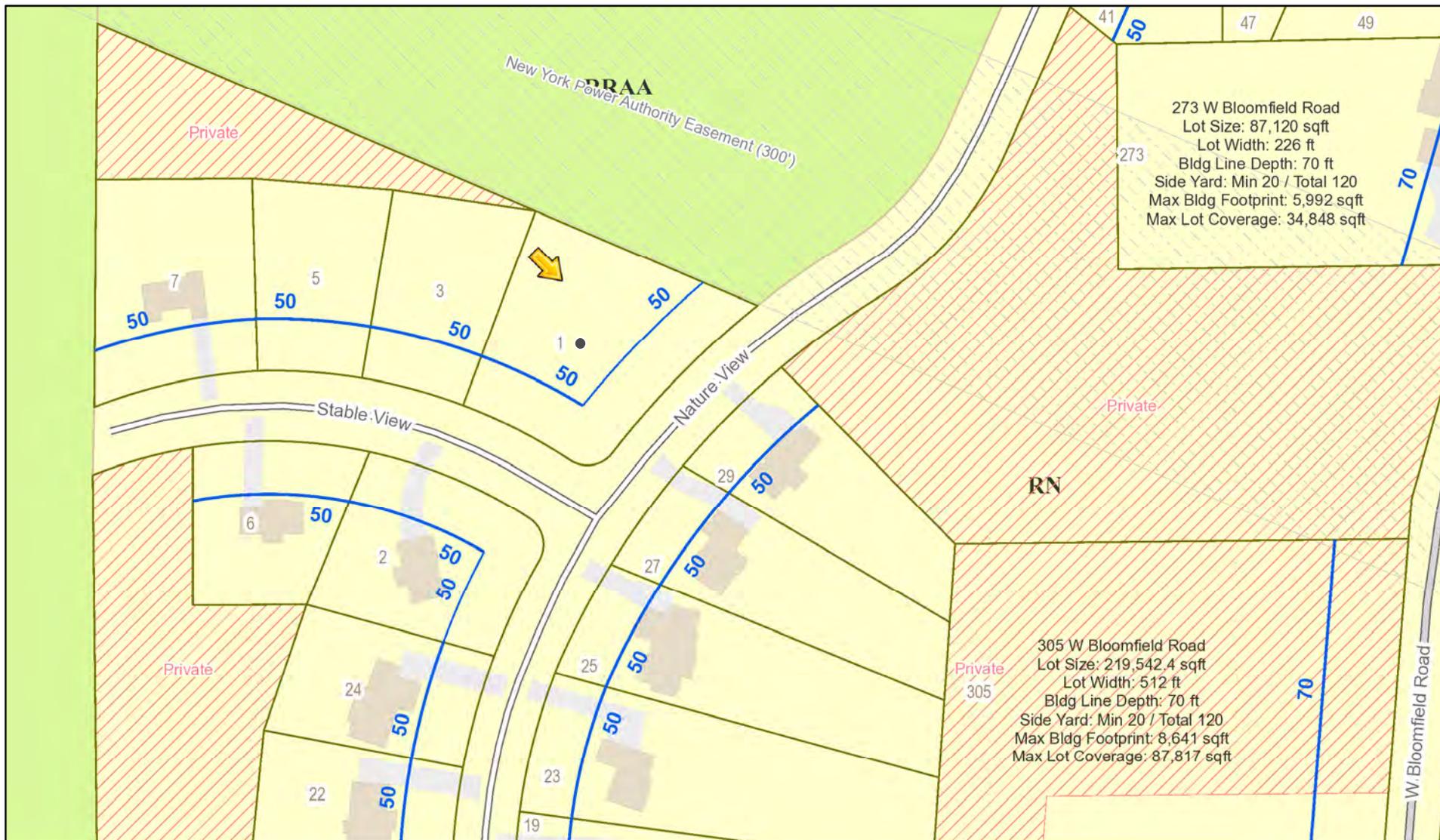
### Application Type:

- Residential Design Review §185-205 (B)
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- Corner Lot Orientation §185-17 (K) (3)
- Flag Lot Building Line Location §185-17 (L) (1) (c)
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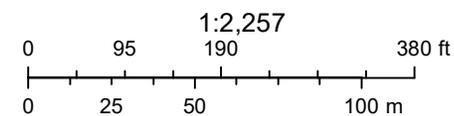
**Project Description:** Applicant is requesting design review for the construction of a two story single family home. The home will be approximately 2951 square feet.

**Meeting Date:** February 10, 2022

# RN Residential Neighborhood Zoning



Printed February 3, 2022



Town of Pittsford GIS

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## GENERAL NOTES:

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

COMPLIANCE METHOD: RESCHECK CERTIFICATE OR PRESCRIPTIVE

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

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

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

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

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

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

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

CONTRACTOR TO BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECAUTIONS/ 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 STRUCTURAL 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 1/30 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 WITH SECTION G2420.

DRYER EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH & BE CONSTRUCTED OF METAL HAVING A MINIMUM THICKNESS OF 0.0157" ( NO. 28 GAUGE ), & 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.

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

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

R402.4.1.2 TESTING. THE BUILDING OR DUELLING 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/ACC 380, ASTM E779, OR ASTM E1827 AND REPORTED AT A PRESSURE OF 0.2 INCH w.g. (50 PASCALS). TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. A WRITTEN REPORT OF THE TEST RESULTS SHALL BE SUPPLIED TO THE CODE OFFICIAL PRIOR TO RECEIPT OF A C OF O. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AN APPROVED PARTY INDEPENDENT OF THE INSULATION INSTALLER TO DO THE INSPECTIONS

DURING TESTING:

- EXTERIOR WINDOWS AND DOORS, FIREPLACES AND STOVE DOORS SHALL BE CLOSED, BUT NOT SEALED, BEYOND THE INTENDED WEATHERSTRIPPING OR OTHER INFILTRATION CONTROL MEASURES.
- DAMPERS INCLUDING EXHAUST, INTAKE, MAKEUP AIR, BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED, BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.
- INTERIOR DOORS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE OPEN.
- EXTERIOR DOORS FOR CONTINUOUS VENTILATION SYSTEMS AND HEAT RECOVERY VENTILATORS SHALL BE CLOSED AND SEALED.
- HEATING AND COOLING SYSTEMS, IF INSTALLED AT THE TIME OF REST, SHALL BE TURNED OFF.
- 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 LUMINAIRES 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 LUMINAIRES SHALL BE SEALED WITH A GASKET OR CAULKED BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILING 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 (PRESCRIPTIVE) 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:

- ROUGH IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACROSS 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.
- POSTCONSTRUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH w.g. (25 Pa) ACROSS 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 MAINTENANCE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION R403.5.1.2. AUTOMATIC CONTROLS, TEMPERATURE SENSORS & PUMPS SHALL BE ACCESSIBLE. MANUAL CONTROLS SHALL BE READILY ACCESSIBLE.

R403.5.3 HOT WATER PIPE INSULATION (PRESCRIPTIVE). INSULATION FOR HOT WATER PIPE WITH A MIN. R-3 SHALL BE APPLIED TO THE FOLLOWING:

- PIPING 3/4" AND LARGER IN NOMINAL DIAMETER.
- PIPING SERVING MORE THAN ONE DUELLING UNIT.
- PIPING LOCATED OUTSIDE THE CONDITIONED SPACE.
- PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
- PIPING LOCATED UNDER A FLOOR SLAB.
- BURIED IN PIPING.
- SUPPLY & RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS

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

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

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

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

## SITE WORK:

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

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

THE CONTRACTOR, BUILDER OR OWNER SHALL NOTIFY GREATER LIVING ARCHITECTURE OF ANY UNUSUAL SITE CONDITIONS WHICH MAY AFFECT 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.

# MING LIN RESIDENCE

LOT 32 COUNTRY POINTE  
PITTSFORD, NY  
MASCOT, INC.

## PLAN 295 1 / PROJECT 5988 T

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

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

## FIREPLACES:

VENTED GAS FIREPLACE SHALL BE LISTED, LABELED & INSTALLED IN ACCORDANCE WITH ANSI Z21.50, SECT. G2434 OF THE 2020 RCNYS & THE MANUFACTURER'S INSTRUCTIONS. INSTRUCTIONS SHALL BE AVAILABLE ON SITE FOR BUILDING INSPECTOR. APPLIANCE SHALL BE EQUIPPED 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 OR FACTORY BUILT FIREPLACES LISTED AND LABELED IN ACCORDANCE WITH UL 127, THE DOORS SHALL BE TESTED AND LISTED FOR THE FIREPLACE. WHERE USING TIGHT FITTING DOORS ON MASONRY FIREPLACES, THE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 907.

## FRAMING:

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, RESAUING, 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 WITH 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 PORTCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAMED CONSTRUCTION & BUILT-IN GUTTERS. FLASHINGS SHALL BE PROVIDED AS REQ'D. TO COMPLY WITH ALL OF SECT. R703.4 OF THE 2020 RCNYS.

STRUCTURAL COLUMNS SHALL BE RESTRAINED TO PREVENT LATERAL DISPLACEMENT AT THE BOTTOM END. WOOD COLUMNS SHALL NOT BE LESS IN NOMINAL SIZE THAN 4" X 4" & STEEL COLUMNS SHALL NOT BE LESS THAN 3" DIAM. STANDARD PIPE OR APPROVED EQUIVALENT.

## STAIRWAY & GUARD REQUIREMENTS:

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

HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRWAYS WITH FOUR OR MORE RISERS. TOP SURFACE OF HANDRAILS SHALL BE BETWEEN 34" & 36" ABOVE TREAD NOSING.

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

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

## GARAGE FIREPROOFING:

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

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

## STRUCTURAL MATERIAL SPECIFICATIONS:

STRUCTURAL STEEL	ASTM A-36, Fy = 36 ksi
REINFORCED STEEL	ASTM A-615, Fy = 40 ksi
WIRE MESH	ASTM A-185, 6 x 6 - 10/10 W.W.M.
LUMBER	ALL STRUCTURAL 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
PLYWOOD	CDX, PANEL INDEX
LVL, PSL, LSL	Fb = 2600 Fv = 285 E x 10 <sup>3</sup> = 1.9 Fc = 750
MASONRY	ASTM C90, GRADE N-1, Fm = 1350 PSI
MORTAR	ASTM C270, TYPE S
GROUT	Fc = 2000 PSI ASTM C476
CONCRETE	Fc = 2500 PSI MIN. ( FOOTINGS, BASEMENT SLAB ) Fc = 3500 PSI MIN. ( GARAGE SLAB, PORCH SLAB, & POURED FOUNDATION WALLS )
BOLTS	ASTM A307, Fy = 33 KSI

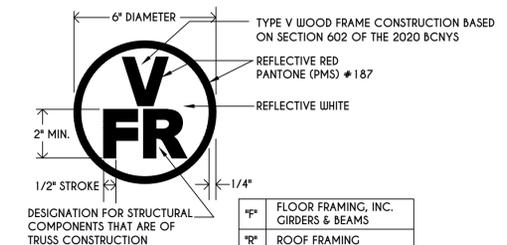
## DESIGN CRITERIA: ( FOR GREATER ROCHESTER AREA & ADJACENT COUNTIES )

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

1ST FLOOR LIVING AREA LIVE LOAD	40 P.S.F.
2ND FLOOR LIVING AREA LIVE LOAD	30 P.S.F.
1ST & 2ND FLOOR DEAD LOAD	15 P.S.F.
GROUND SNOW LOAD	40 P.S.F.
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
WEATHERING	SEVERE
FROST LINE DEPTH	42 INCHES
TERMITE DAMAGE	SLIGHT TO MODERATE
DECAY DAMAGE	NONE TO SLIGHT
WINTER DESIGN TEMPERATURE	1 DEGREE
ICE SHIELD UNDERLAYMENT	REQUIRED 24" INSIDE OF EXTERIOR WALL LINE
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.



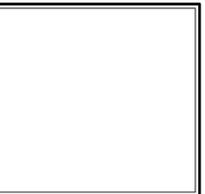
"F"	FLOOR FRAMING, INC. GIRDERS & BEAMS
"R"	ROOF FRAMING
"FR"	FLOOR & ROOF FRAMING

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BUILDER:  
  
MASCOT INC.

## COVER PAGE

GLA PLAN 295 1

drawn: CDK	checked: CSB
scale: AS NOTED	date: 12 / 21
PROJECT: 5988T	sheet: C 1

TABLE M1505.4.3 (1)  
CONTINUOUS WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM AIRFLOW RATE REQUIREMENTS

DUELLING UNIT FLOOR AREA (square feet)	NUMBER OF BEDROOMS			
	0-1	2-3	4-5	6-7
< 1,500	30	45	60	75
1,501-3,000	45	60	75	90
3,001-4,500	60	75	90	105
4,501-6,000	75	90	105	120
6,001-7,500	90	105	120	135
> 7,500	105	120	135	150

FOR SI: 1 square foot=0.0929 m<sup>2</sup>, 1 cubic foot per min=0.0004719 m<sup>3</sup>/s

TABLE M1505.4.3 (2)  
INTERMITTENT WHOLE-HOUSE MECHANICAL VENTILATION RATE FACTORS<sup>a,b</sup>

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

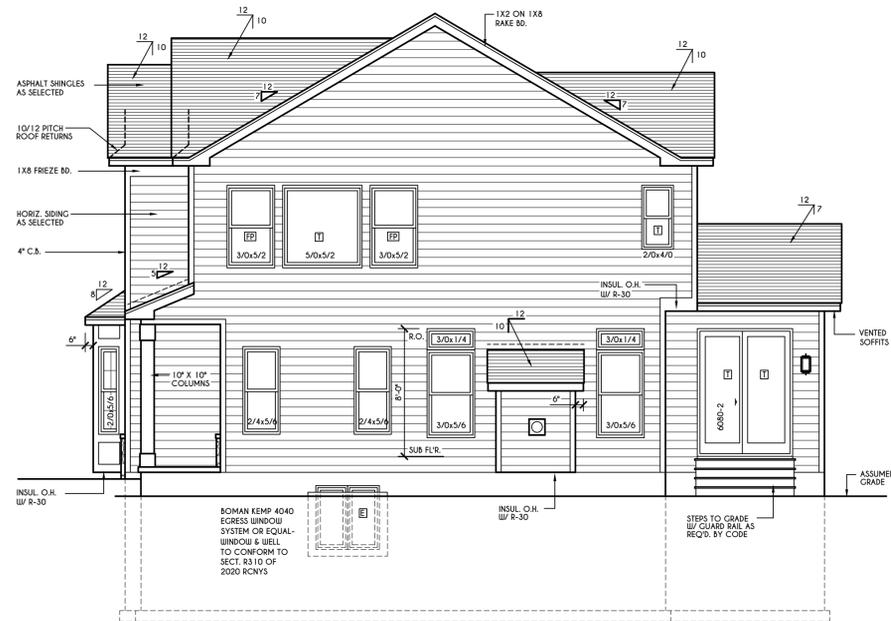
a. For ventilation system run time values between those given, the factors are permitted to be determined by interpolation.  
b. Extrapolation beyond the table is prohibited.

TABLE M1505.4.4

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

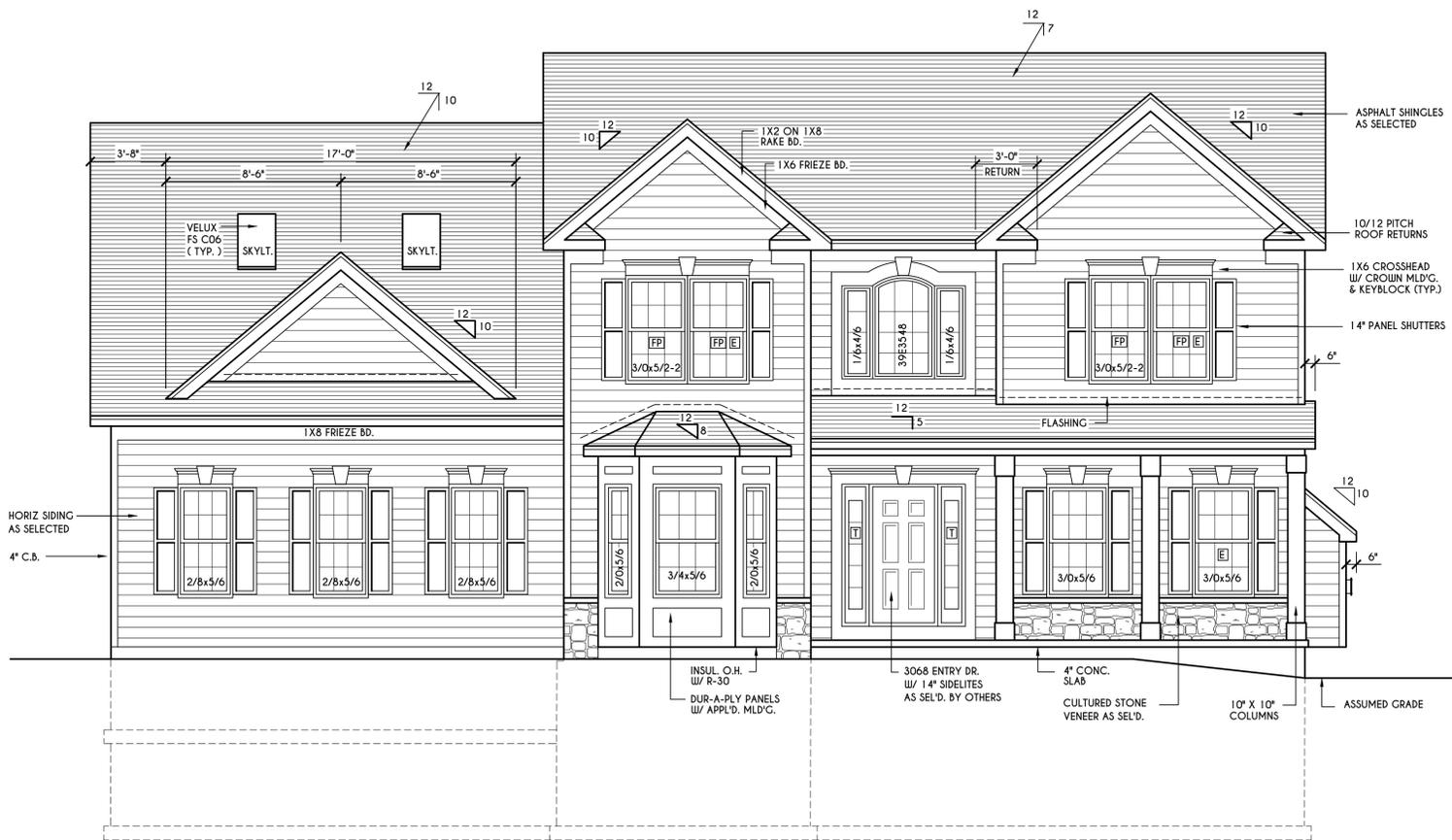
AREA TO BE EXHAUSTED	EXHAUST RATES
	KITCHENS
BATHROOMS-TOILET ROOMS	MECHANICAL EXHAUST CAPACITY OF 50 cfm INTERMITTENT OR 20 cfm CONTINUOUS

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



**RIGHT ELEVATION**

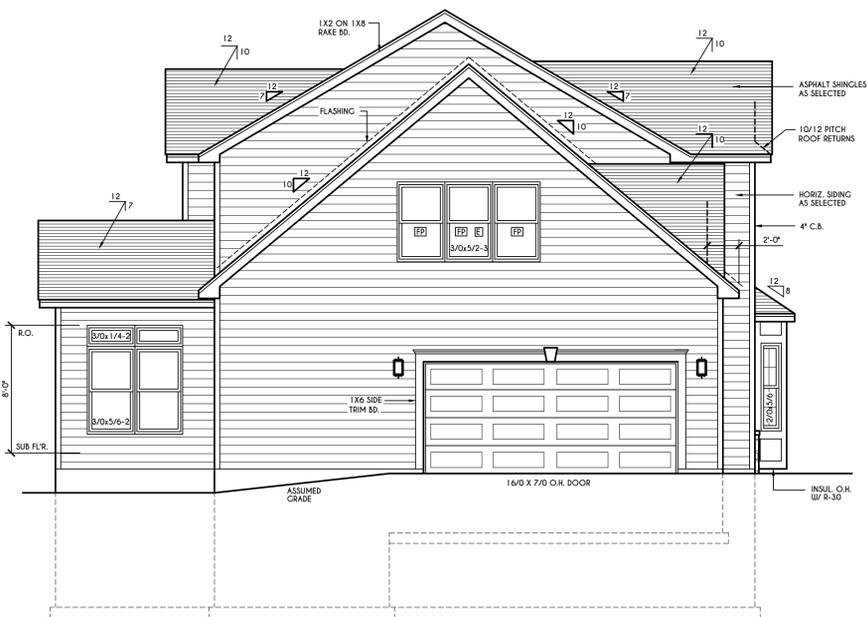
SCALE: 3/16" = 1'-0"



**FRONT ELEVATION**

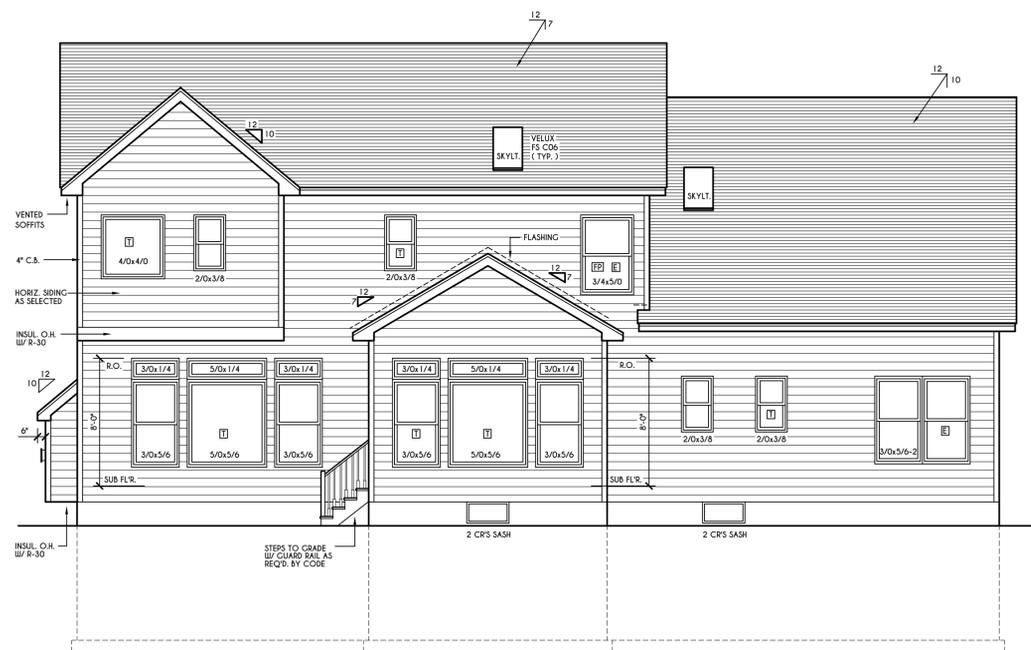
SCALE: 1/4" = 1'-0"

FIRST FLOOR LIVING AREA = 1495 SQ.FT.  
SECOND FLOOR LIVING AREA = 1456 SQ.FT.  
TOTAL LIVING AREA = 2951 SQ.FT.  
TOTAL CONDITIONED VOLUME = 40,108 CU.FT.



**LEFT ELEVATION**

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



**REAR ELEVATION**

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

**WINDOWS:**

SILVERLINE DH LOW E ARGON  
U-FACTOR ..... 0.29  
SHGC ..... 0.28

**DOORS:**

SELECTION BY OWNER

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

**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. R310.1 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 BARKS & 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. 806.2)  
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 SPECIFIED REQUIRES (MIN) 1 CONTINUOUSLY RUN EXHAUST FAN CAPABLE OF (MIN) 75 c.f.m. WITH A MANUAL OVERRIDE SWITCH AS PER SECTION M1505.4.2 OF 2020 RCNYS SEE TABLES M1505.4.3(1) & M1505.4.3(2) & M1505.4.4 (PAGE 1)

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**REVISIONS:**

DATE	BY	DESCRIPTION

**CLIENT/LOCATION:**

MING LIN RESIDENCE  
LOT 32 COUNTRY POINTE  
PITTSFORD, NY

**BUILDER:**

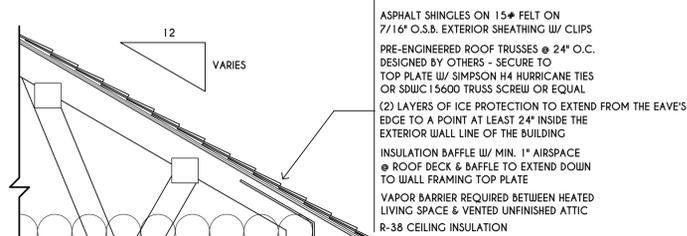
MASCOT INC.

**ELEVATIONS**

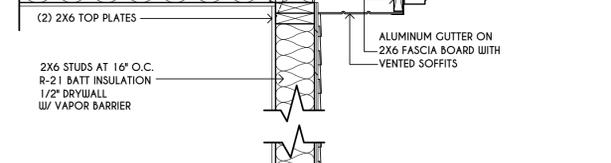
GLA PLAN 2951

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scale: AS NOTED	date: 12 / 21
PROJECT: 5988T	sheet: 1 / 5

**TRUSS EAVE CONSTRUCTION**

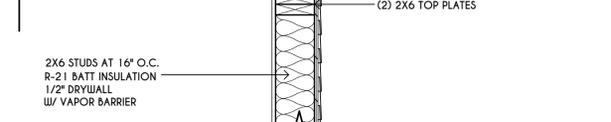


ASPHALT SHINGLES ON 15# FELT ON 7/16" O.S.B. EXTERIOR SHEATHING W/ CLIPS  
 PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. DESIGNED BY OTHERS - SECURE TO TOP PLATE W/ SIMPSON H4 HURRICANE TIES OR SDUIC 15600 TRUSS SCREW OR EQUAL  
 (2) LAYERS OF ICE PROTECTION TO EXTEND FROM THE EAVE'S EDGE TO A POINT AT LEAST 24" INSIDE THE EXTERIOR WALL LINE OF THE BUILDING  
 INSULATION BAFFLE W/ MIN. 1" AIRSPACE @ ROOF DECK & BAFFLE TO EXTEND DOWN TO WALL FRAMING TOP PLATE  
 VAPOR BARRIER REQUIRED BETWEEN HEATED LIVING SPACE & VENTED UNFINISHED ATTIC  
 R-38 CEILING INSULATION



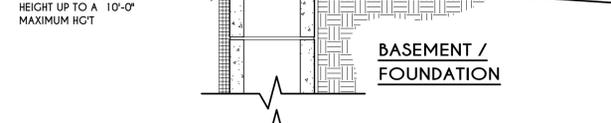
**SECOND FLOOR**

(2) 2X6 TOP PLATES  
 2X6 STUDS AT 16" O.C.  
 R-21 BATT INSULATION  
 1/2" DRYWALL W/ VAPOR BARRIER  
 5/8" ADVANTECH SUBFLOOR  
 GLUED AND NAILED  
 11 7/8" I-JOISTS @ 16" O.C.  
 SERIES DESIGN & LAYOUT BY JOIST MANUFACTURER



**FIRST FLOOR**

(2) 2X6 TOP PLATES  
 2X6 STUDS AT 16" O.C.  
 R-21 BATT INSULATION  
 1/2" DRYWALL W/ VAPOR BARRIER  
 5/8" ADVANTECH SUBFLOOR  
 GLUED AND NAILED  
 2X10 FLOOR JOISTS @ 16" O.C.  
 7/16" O.S.B. SHEATHING W/ HOUSE WRAP SIDING AS SELECTED ATTACHED AS PER 2020 RCNYS



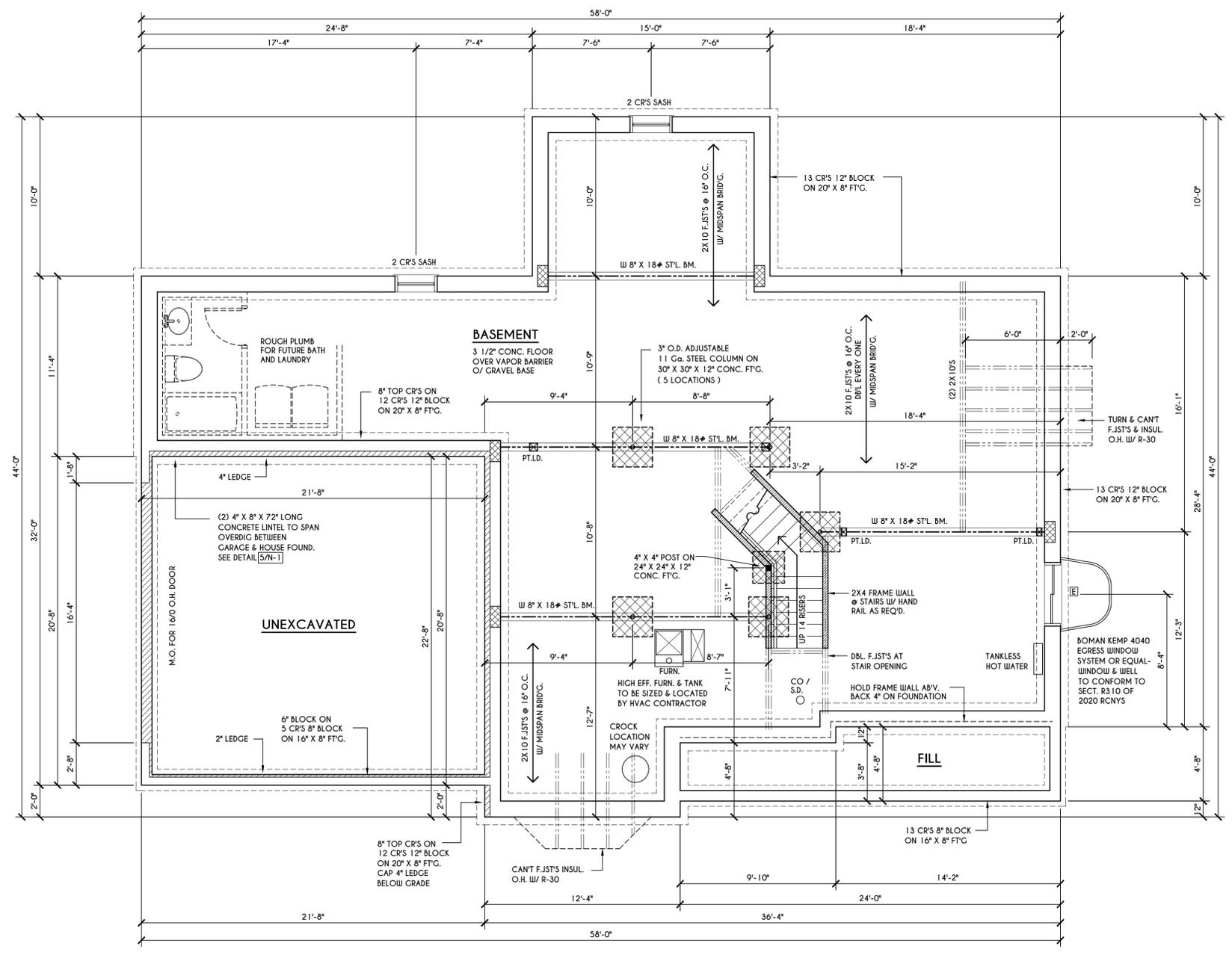
**BASEMENT / FOUNDATION**

2X10 BAND JOIST W/ R-21 INSULATION  
 12" PRESSURE TREATED SILL PLATE EQUAL TO THE WIDTH OF C.M.U. FOUNDATION USED IN ORDER TO COMPLETELY COVER THE HOLLOW VOID IN THE BLOCK W/ SILL SEALER & 1/2" DIAM. / 10" LONG NON-CORROSIVE ANCHOR BOLTS @ 72" O.C. AS PER SECT R403.1.6 2020 RCNYS  
 FINISHED GRADE ESTABLISHED BY BUILDER  
 R-15 INSULATION FULL HEIGHT UP TO A 10'-0" MAXIMUM HCT  
 12" CONC. BLOCK SHALL BE CONSTRUCTED AND REINFORCED TO COMPLY WITH 2020 RCNYS (SEE PG. N-2 FOR CHARTS)  
 DELTA M5' OR EQ. / TAR COAT  
 SOIL BACKFILL  
 GRAVEL BACKFILL  
 FORM-A-DRAIN FOUNDATION FOOTING, DRAINAGE, & RADON EVACUATION SYSTEM

2020 RCNYS SECT. R405.1, EXCEPTION  
 A DRAINAGE SYSTEM IS NOT REQ'D. WHEN THE FOUNDATION IS INSTALLED ON A WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM, GROUP 1 SOILS, AS DETAILED IN TABLE R405.1. (SEE PG. N-2)

**TYPICAL WALL SECTION**

SCALE: 1" = 1'-0"



**BASEMENT & FOUNDATION 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.

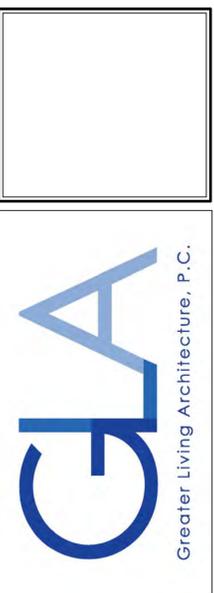
**GENERAL FOUNDATION / BASEMENT NOTES:**

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" UNL.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 DBL JACK STUDS EA. SIDE OF LOAD BEARING OPENINGS > 4'-0"  
 ALL ANGLES TO BE 45 DEG. UNL.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 19N-1

**WINDOW / DOOR LEGEND:**

- 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
- SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING PER SECT. R308.4 OF 2020 RCNYS
- SPECIFIES THAT THIS OPERABLE WINDOW UNIT REQUIRES FACTORY APPLIED FALL PROTECTION PER SECT. R312.2 OF 2020 RCNYS

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 PITTSFORD, NY

**BUILDER:**  
 MASCOT INC.

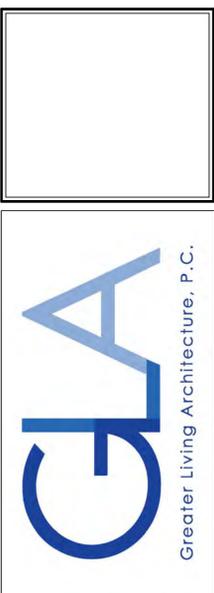
**FOUNDATION PLAN**

GLA PLAN 2951

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PROJECT: 5988T	sheet: 2 / 5



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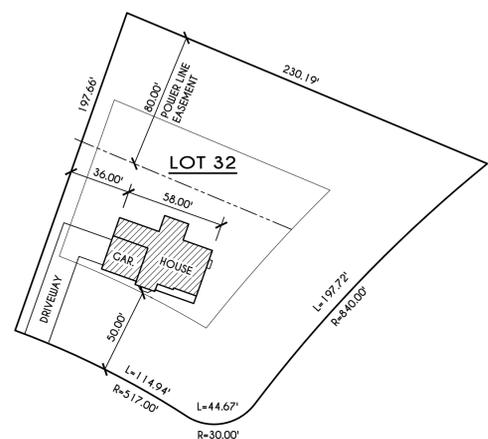
**CLIENT/LOCATION:**  
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**BUILDER:**  
 MASCOT INC.

**FIRST FLOOR PLAN**

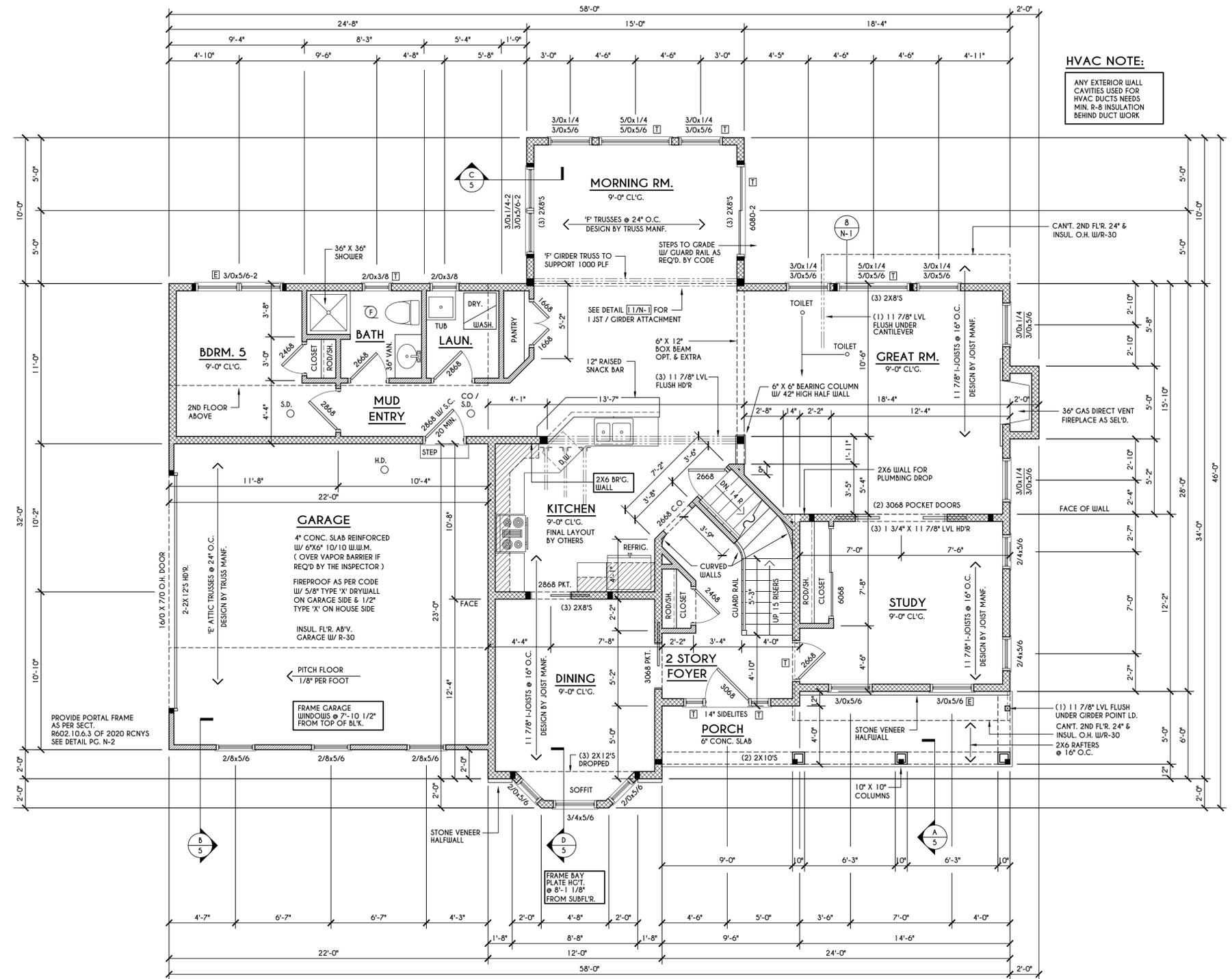
GLA PLAN 2951

drawn: CDK	checked: CSB
scale: AS NOTED	date: 12 / 21
PROJECT: 5988T	sheet: 3 / 5



**PLOT PLAN**

SCALE: 1" = 50'  
 LOT 32 COUNTRY POINTE



**HVAC NOTE:**  
 ANY EXTERIOR WALL CAVITIES USED FOR HVAC DUCTS NEEDS MIN. R-8 INSULATION BEHIND DUCT WORK

**FIRST FLOOR PLAN**

SCALE: 1/4" = 1'-0" 1495 SQ. FT.

**ENGINEERED FL'R JOIST NOTE:**

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

**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 FIRST FLOOR PLAN NOTES:**

FIRST FLOOR PLATE HGT TO BE 9'-1 1/8" ( UNLESS NOTED OTHERWISE )  
 ALL WINDOW R.O. HCTS TO BE 6'-10 1/2" U.N.O.  
 PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS DOWN TO FOUNDATION WALL  
 PROVIDE DBL 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 15' 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.

**WINDOW / DOOR LEGEND:**

- 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
- SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING PER SECT. R308.4 OF 2020 RCNYS
- SPECIFIES THAT THIS OPERABLE WINDOW UNIT REQUIRES FACTORY APPLIED FALL PROTECTION PER SECT. R312.2 OF 2020 RCNYS

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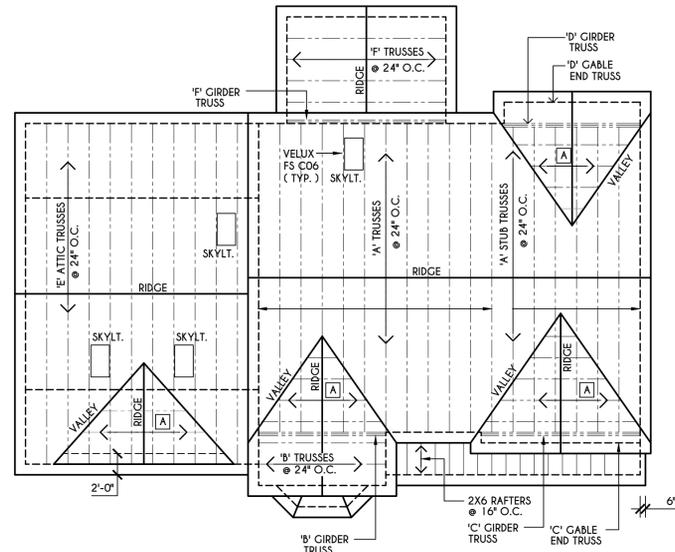
**CLIENT/LOCATION:**  
 MING LIN RESIDENCE  
 LOT 32 COUNTRY POINT  
 PITTSFORD, NY

**BUILDER:**  
 MASCOT INC.

**SECOND FLOOR PLAN**

GLA PLAN 2951

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scale: AS NOTED	date: 12 / 21
PROJECT: 5988T	sheet: 4 / 5



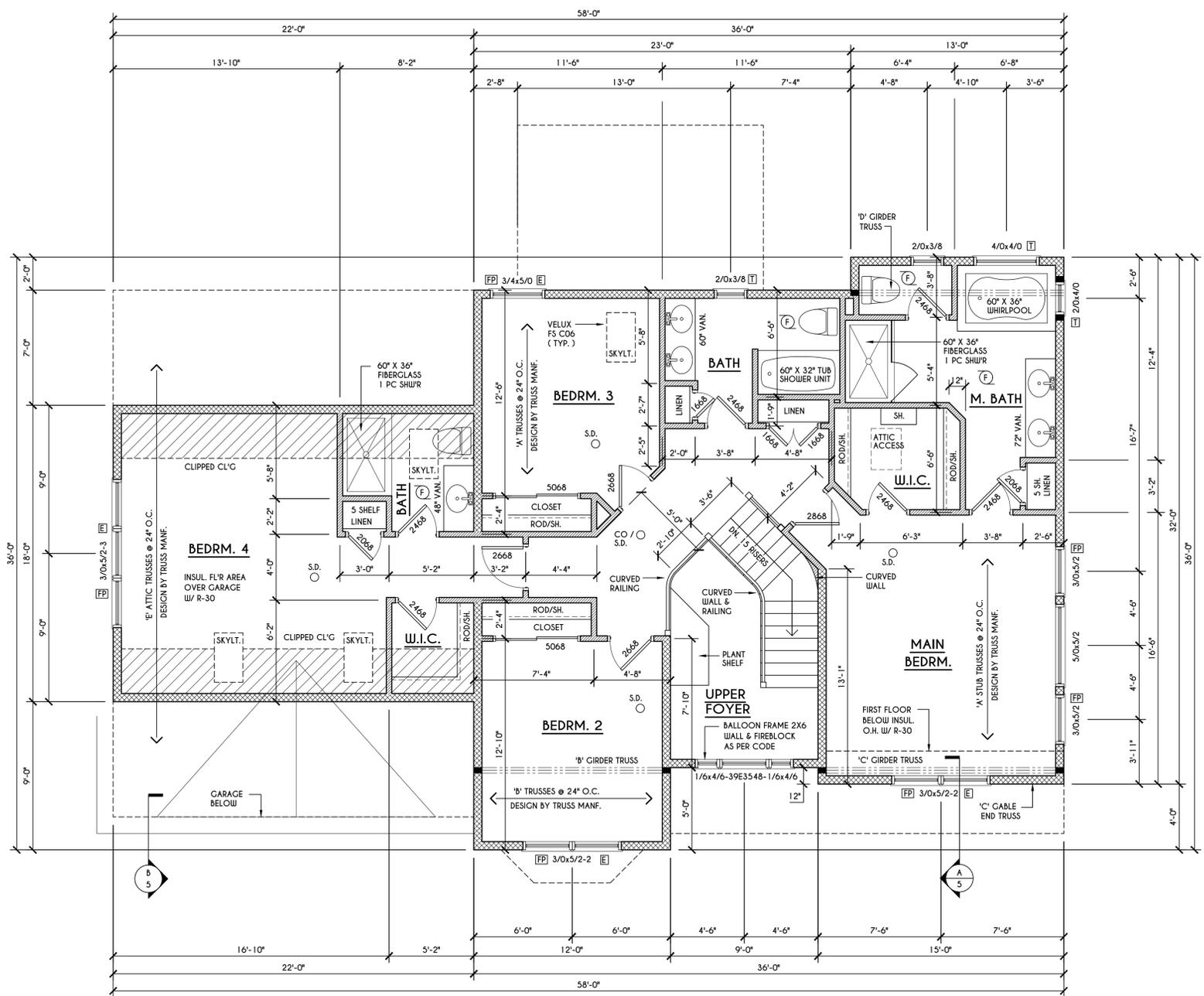
**GENERAL ROOF NOTES:**

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**

1456 SQ.FT.

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 HGT TO BE 8'-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 DIAL JACK STUDS EA. SIDE OF LOAD BEARING OPENINGS > 7 - 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:**

- = 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
- = SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING  
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 PER SECT. R312.2 OF 2020 RCNYS

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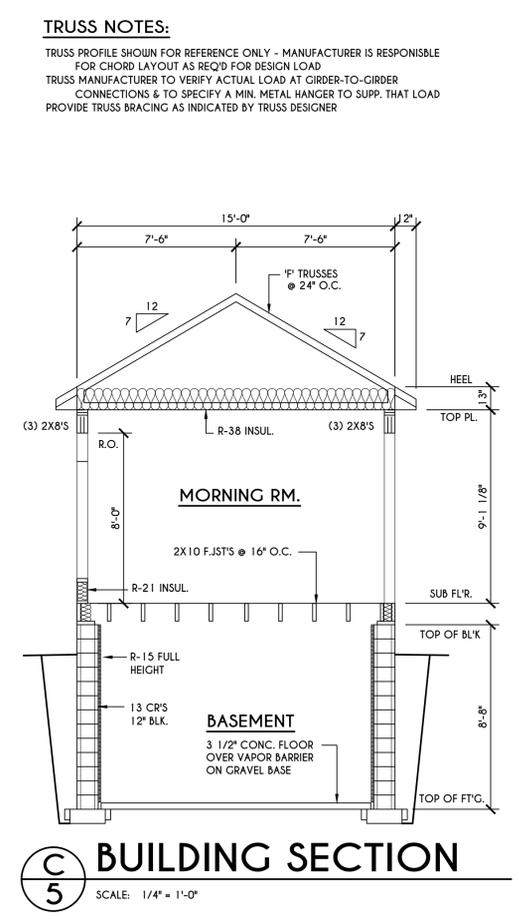
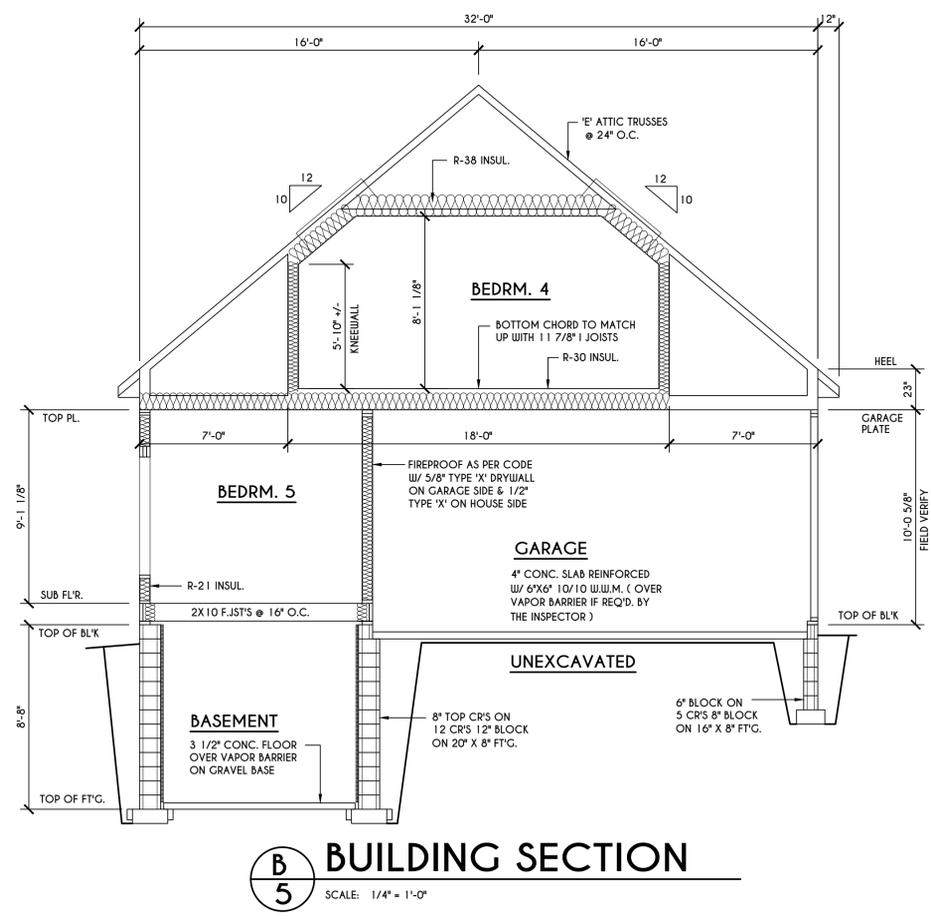
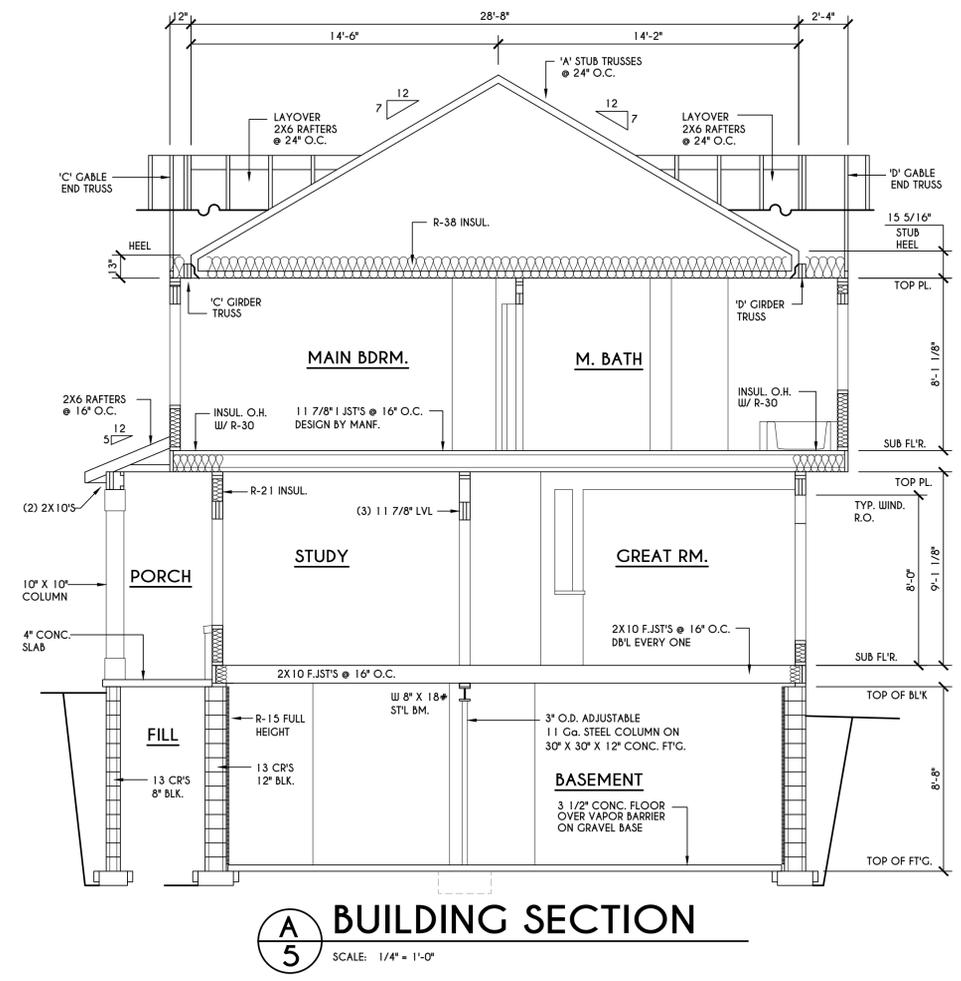
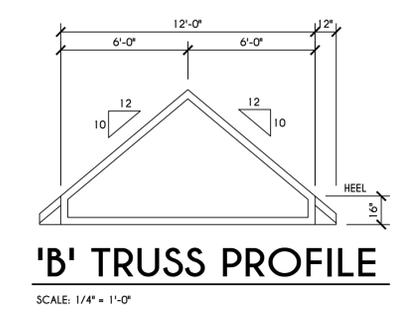
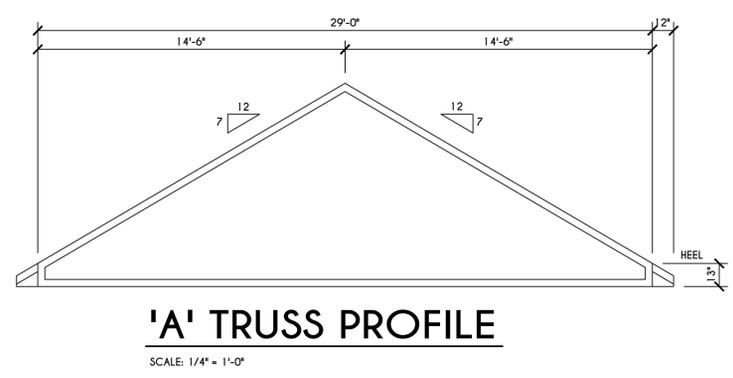
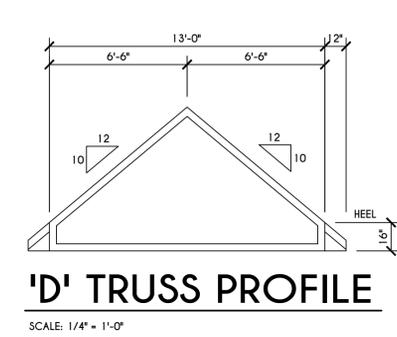
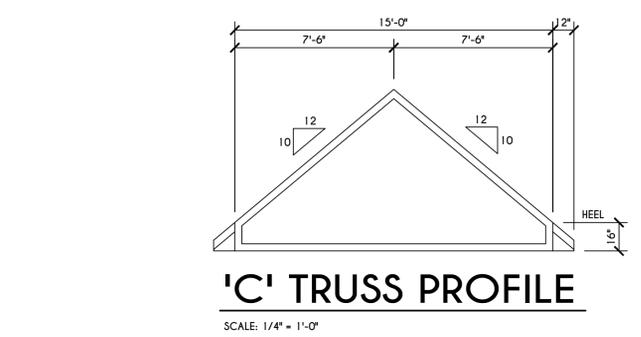
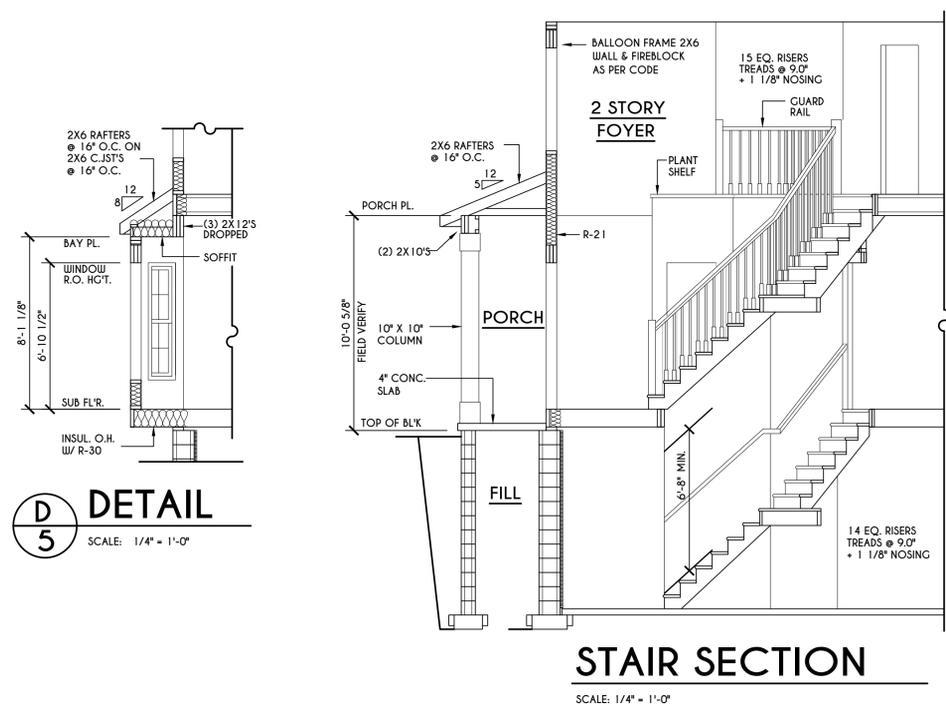
DATE	BY	DESCRIPTION

**CLIENT/LOCATION:**  
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 PITTSFORD, NY

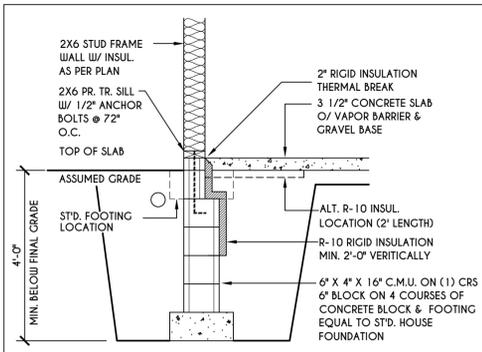
**BUILDER:**  
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**SECTIONS**  
 GLA PLAN 2951

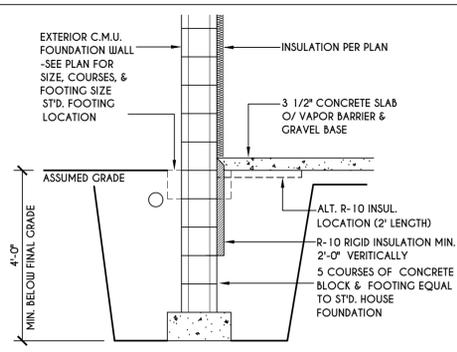
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PROJECT: 5988T	sheet: 5



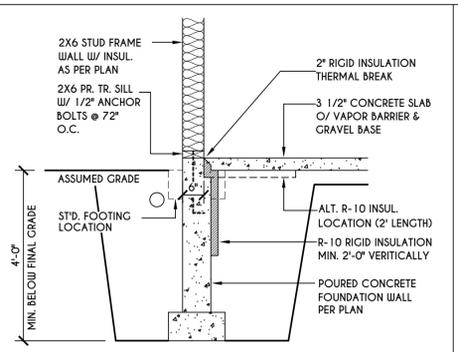
**TRUSS NOTES:**  
 TRUSS PROFILE SHOWN FOR REFERENCE ONLY - MANUFACTURER IS RESPONSIBLE FOR CHORD LAYOUT AS REQ'D FOR DESIGN LOAD  
 TRUSS MANUFACTURER TO VERIFY ACTUAL LOAD AT GIRDER-TO-GIRDER CONNECTIONS & TO SPECIFY A MIN. METAL HANGER TO SUPP. THAT LOAD  
 PROVIDE TRUSS BRACING AS INDICATED BY TRUSS DESIGNER



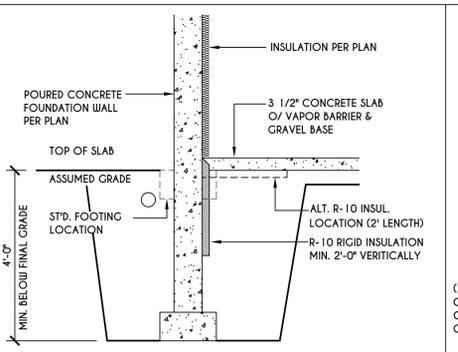
**1**  
**N-1**  
2X6 FRAME WALL ON C.M.U.  
WALK OUT DETAIL  
SCALE: 1/2" = 1'-0"



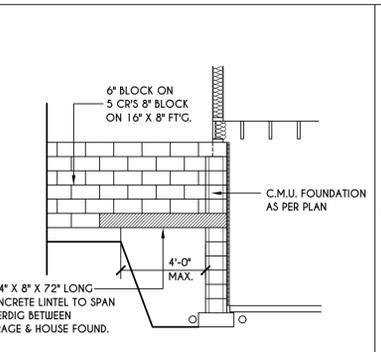
**2**  
**N-1**  
C.M.U.  
WALK OUT DETAIL  
SCALE: 1/2" = 1'-0"



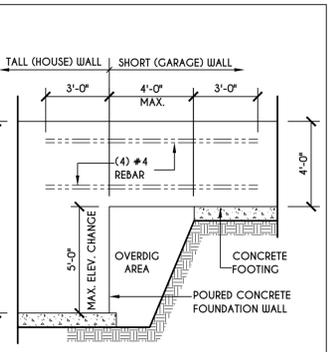
**3**  
**N-1**  
2X6 FRAME WALL ON POURED CONC.  
WALK OUT DETAIL  
SCALE: 1/2" = 1'-0"



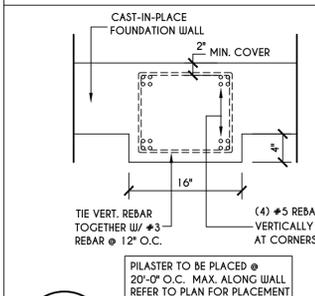
**4**  
**N-1**  
POURED CONC.  
WALK OUT DETAIL  
SCALE: 1/2" = 1'-0"



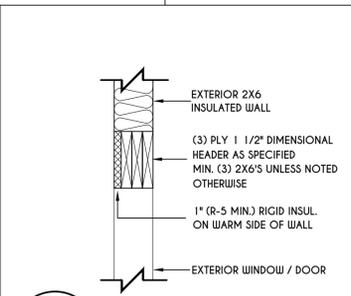
**5**  
**N-1**  
C.M.U. JUMP  
FOOTING DETAIL  
SCALE: 1/4" = 1'-0"



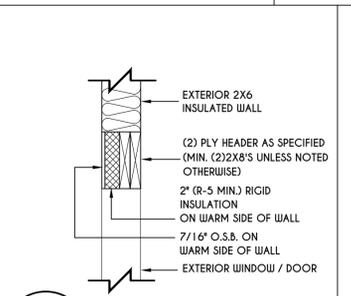
**6**  
**N-1**  
POURED WALL JUMP  
FOOTING DETAIL  
SCALE: 1/4" = 1'-0"



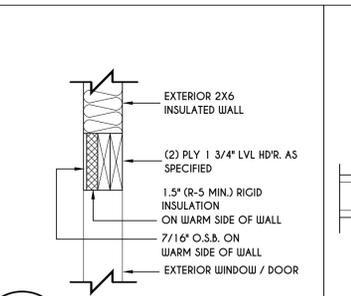
**7**  
**N-1**  
POURED WALL  
PILASTER DETAIL  
SCALE: 1" = 1'-0"



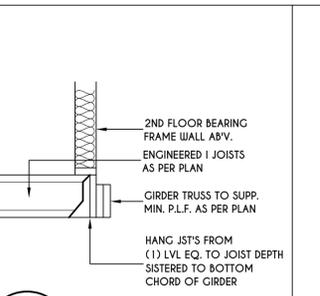
**8**  
**N-1**  
EXTERIOR INSULATED  
3 PLY HEADER DETAIL  
SCALE: 1" = 1'-0"



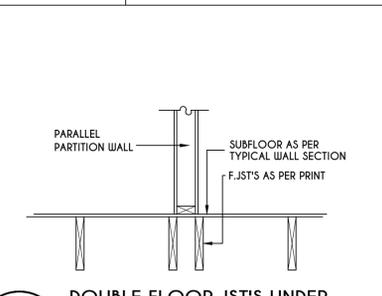
**9**  
**N-1**  
EXTERIOR INSULATED  
2 PLY HEADER DETAIL  
SCALE: 1" = 1'-0"



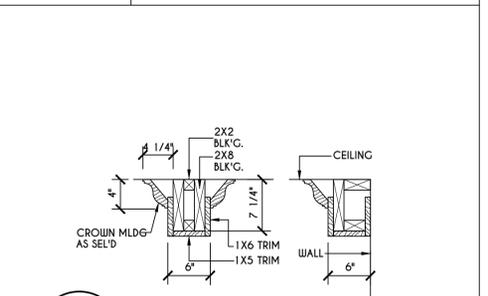
**10**  
**N-1**  
EXTERIOR INSULATED  
2 PLY LVL HEADER DETAIL  
SCALE: 1" = 1'-0"



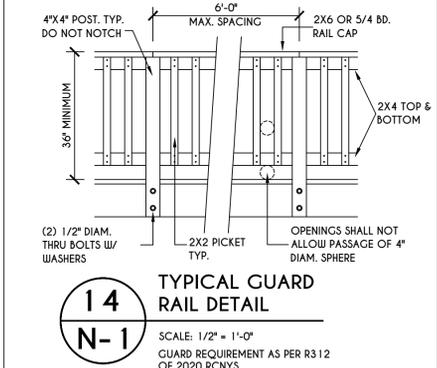
**11**  
**N-1**  
I JST / GIRDER DETAIL  
SCALE: 1/2" = 1'-0"



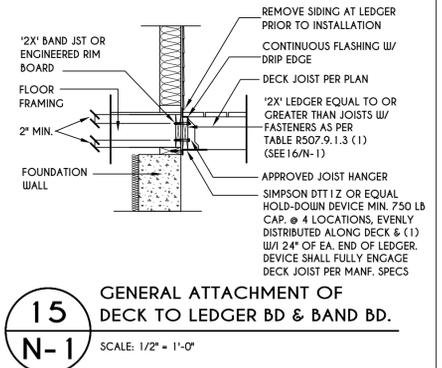
**12**  
**N-1**  
DOUBLE FLOOR JST'S UNDER  
PARALLEL PARTITION WALL DETAIL  
N.T.S.



**13**  
**N-1**  
COFFERED BEAM DETAIL  
N.T.S.



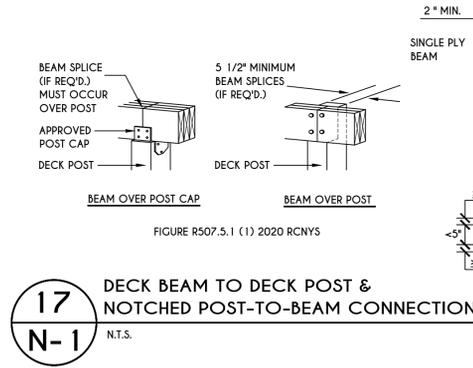
**14**  
**N-1**  
TYPICAL GUARD  
RAIL DETAIL  
SCALE: 1/2" = 1'-0"  
GUARD REQUIREMENTS AS PER R3 12 OF 2020 RCNYS



**15**  
**N-1**  
GENERAL ATTACHMENT OF  
DECK TO LEDGER BD & BAND BD.  
SCALE: 1/2" = 1'-0"

**16**  
**N-1**  
PLACEMENT OF LAG SCREWS & BOLTS IN LEDGERS  
FIGURE R507.9.1.3 (1) OF RCNYS  
N.T.S.

CONNECTION DETAILS	JOIST SPAN						
	6' & LESS	6'-1" - 8'	8'-1" - 10'	10'-1" - 12'	12'-1" - 14'	14'-1" - 16'	16'-1" - 18'
1/2" DIAM. LAG SCREWS W/ 1/2" MAX. SHEATHING	30	23	18	15	13	11	10
1/2" DIAM. BOLT W/ 1/2" MAX. SHEATHING	36	36	34	29	24	21	19
1/2" DIAM. BOLT W/ 1" MAX. SHEATHING	36	36	29	24	21	18	16

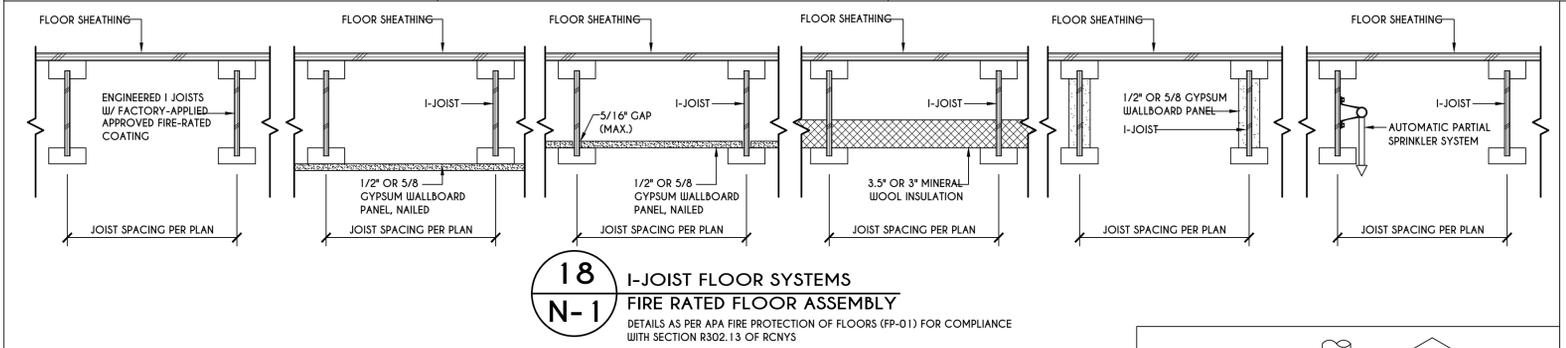


**17**  
**N-1**  
DECK BEAM TO DECK POST &  
NOTCHED POST-TO-BEAM CONNECTION  
N.T.S.

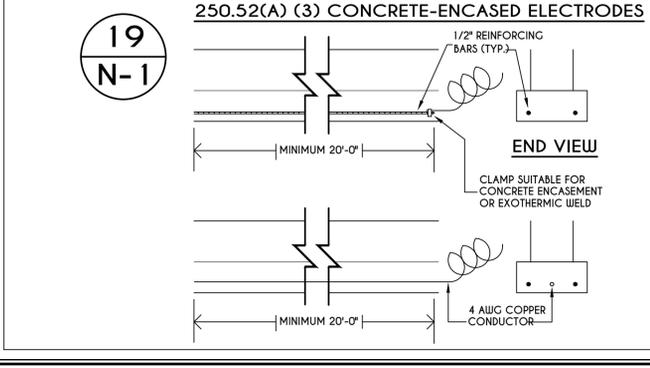
TABLE R507.4  
DECK POST HEIGHT

DECK POST SIZE	MAX. HEIGHT <sup>a,b</sup> (feet-inches)
4 x 4	6'-9"
4 x 6	8'
6 x 6	14'
8 x 8	14'

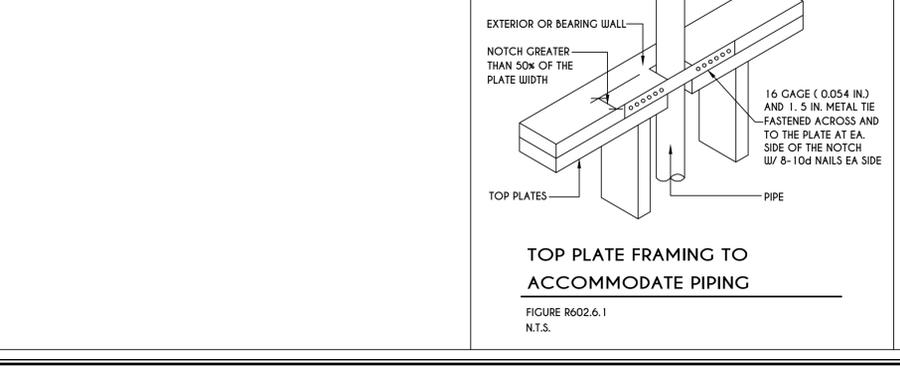
a. MEASURED TO UNDERSIDE OF BEAM  
b. BASED ON 40 psf LIVE LOAD  
c. THE MAXIMUM PERMITTED HEIGHT IS 8' FOR ONE-PLY & TWO-PLY BEAMS. THE MAXIMUM PERMITTED HEIGHT FOR THREE-PLY BEAMS ON POST CAP IS 6'-9"



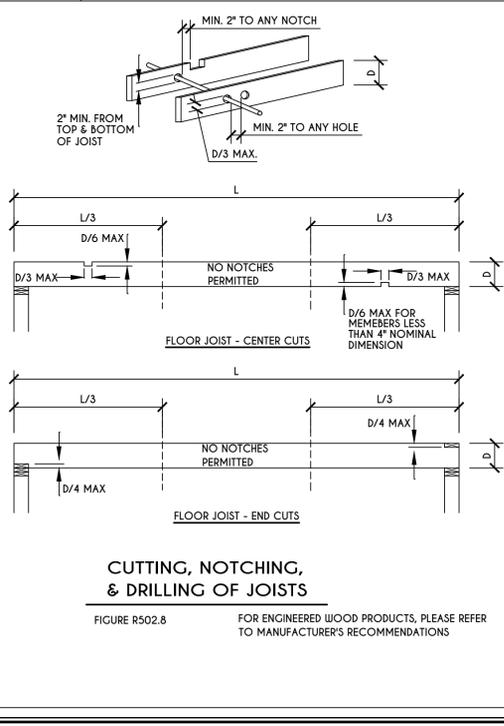
**18**  
**N-1**  
I-JOIST FLOOR SYSTEMS  
FIRE RATED FLOOR ASSEMBLY  
DETAILS AS PER APA FIRE PROTECTION OF FLOORS (FP-01) FOR COMPLIANCE WITH SECTION R302.13 OF RCNYS



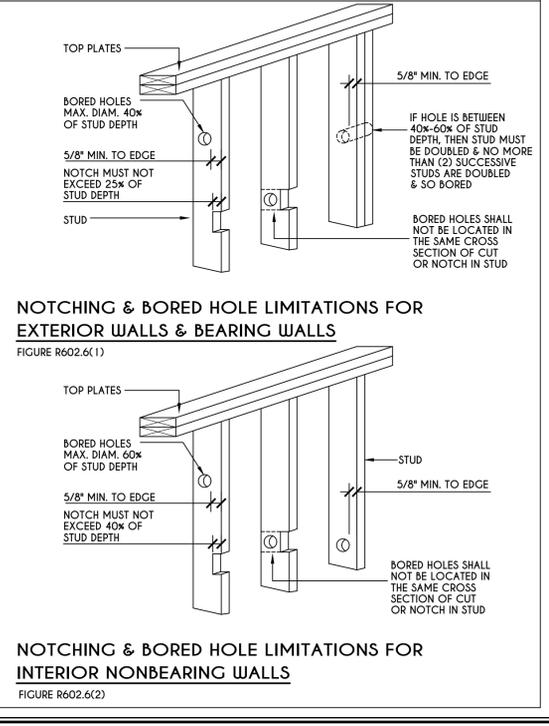
**19**  
**N-1**  
250.52(A) (3) CONCRETE-ENCASED ELECTRODES  
END VIEW  
CLAMP SUITABLE FOR CONCRETE ENCASEMENT OR EXOTHERMIC WELD  
4 AWG COPPER CONDUCTOR  
MINIMUM 20'-0"



TOP PLATE FRAMING TO ACCOMMODATE PIPING  
FIGURE R602.6.1  
N.T.S.



CUTTING, NOTCHING, & DRILLING OF JOISTS  
FIGURE R502.8  
FOR ENGINEERED WOOD PRODUCTS, PLEASE REFER TO MANUFACTURER'S RECOMMENDATIONS



NOTCHING & BORED HOLE LIMITATIONS FOR EXTERIOR WALLS & BEARING WALLS  
FIGURE R602.6(1)  
TOP PLATES, BORED HOLES MAX. DIAM. 40% OF STUD DEPTH, 5/8\"/>

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**REVISIONS:**

DATE	BY	DESCRIPTION

**CLIENT/LOCATION:**  
MING LIN RESIDENCE  
LOT 32 COUNTRY POINT  
PITTSFORD, NY

**BUILDER:**  
MASCOT INC.

**DETAILS**  
GLA PLAN 2951

drawn: CDK	checked: CSB
scale: AS NOTED	date: 12 / 21
PROJECT: 5988T	sheet: N 1

TABLE R404.1.1(2)

8-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE  $d > 5$  INCHES <sup>a, c, f</sup>

WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>g</sup>	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) <sup>b, c</sup>			
		SOIL CLASSES AND LATERAL SOIL LOAD <sup>d</sup> (psf PER FOOT BELOW GRADE)			
		GM, GP, SU, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MK, ML-CL AND INORGANIC CL SOILS 60	SC, MK, ML-CL AND INORGANIC CL SOILS 60
6'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	6'-8"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.
7'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	7'-4"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.
8'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	6'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	8'-0"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.
8'-8"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	6'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	8'-8"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.
9'-4"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	6'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	9'-4"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.
10'-0"	4' (OR LESS)	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	5'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	6'	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.
	10'-0"	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" O.C.	#5 @ 48" 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 REINFORCEMENT DOES 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 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 R404.1.  
e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL, WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL. MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.  
f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.  
g. 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.

TABLE R404.1.1(3)

10-INCH MASONRY FOUNDATION WALLS WITH REINFORCING WHERE  $d > 6.75$  INCHES <sup>a, c, f</sup>

WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>g</sup>	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) <sup>b, c</sup>			
		SOIL CLASSES AND LATERAL SOIL LOAD <sup>d</sup> (psf PER FOOT BELOW GRADE)			
		GM, GP, SU, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MK, ML-CL AND INORGANIC CL SOILS 60	SC, MK, ML-CL AND INORGANIC CL SOILS 60
6'-8"	4' (OR LESS)	#4 @ 56" O.C.	#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.	#4 @ 56" O.C.
	6'-8"	#5 @ 56" O.C.	#5 @ 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.	#4 @ 56" O.C.
	5'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.
	7'-4"	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.
8'-0"	4' (OR LESS)	#4 @ 56" O.C.	#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.	#4 @ 56" O.C.
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.
	8'-0"	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.
8'-8"	4' (OR LESS)	#4 @ 56" O.C.	#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.	#4 @ 56" O.C.
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.
	8'-8"	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.
9'-4"	4' (OR LESS)	#4 @ 56" O.C.	#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.	#4 @ 56" O.C.
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.
	9'-4"	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.
10'-0"	4' (OR LESS)	#4 @ 56" O.C.	#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.	#4 @ 56" O.C.
	6'	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.
	10'-0"	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" O.C.	#5 @ 56" 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 REINFORCEMENT DOES 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 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 R404.1.  
e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL, WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL. MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.  
f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.  
g. 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.

TABLE R404.1.1(4)

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

WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL <sup>g</sup>	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) <sup>b, c</sup>			
		SOIL CLASSES AND LATERAL SOIL LOAD <sup>d</sup> (psf PER FOOT BELOW GRADE)			
		GM, GP, SU, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MK, ML-CL AND INORGANIC CL SOILS 60	SC, MK, ML-CL AND INORGANIC CL SOILS 60
6'-8"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	6'-8"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
7'-4"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	7'-4"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
8'-0"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	8'-0"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
8'-8"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	8'-8"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
9'-4"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	9'-4"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.
10'-0"	4' (OR LESS)	#4 @ 72" O.C.	#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.	#4 @ 72" O.C.
	6'	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.	#4 @ 72" O.C.
	10'-0"	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.	#5 @ 72" O.C.

- a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE LAID IN RUNNING BOND.  
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c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 5 INCHES.  
d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R404.1.  
e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL, WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL. MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.  
f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.  
g. 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.

TABLE R404.1.2(8)

MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10- AND 12-INCH NOMINAL FLAT BASEMENT WALLS <sup>b, c, d, e, f, h, k, n, o</sup>

MAXIMUM WALL HEIGHT (FEET)	MAXIMUM UNBALANCED BACKFILL HEIGHT (FEET)	MINIMUM VERTICAL REINFORCEMENT-BAR SIZE & SPACING (INCHES)											
		SOIL CLASSES <sup>a</sup> AND DESIGN LATERAL SOIL LOAD <sup>d</sup> (psf PER FOOT OF DEPTH)											
		GM, GP, SU, AND SP SOILS 30				GM, GS, SM-SC AND ML SOILS 45				SC, MK, ML-CL AND INORGANIC CL SOILS 60			
5	4	NR	NR	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	NR	NR	NR	NR	NR	NR
7	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
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8	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
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9	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
10	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

- a. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. REFER TO TABLE R404.1.  
b. TABLE VALUES ARE BASED ON REINFORCING BARS WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.  
c. VERTICAL REINFORCEMENT 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 (2).  
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 WILL 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 COVERS FOR THE REINFORCEMENT MEASURED FROM THE INSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 3/4 INCH. CONCRETE COVERS FOR REINFORCEMENT MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 1 1/2 INCHES FOR NO. 3 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,  $f_c$  OF NOT LESS THAN 2,500 PSI AT 28 DAYS, UNLESS A HIGHER STRENGTH IS REQUIRED BY FOOTNOTE I OR m.  
l. THE MINIMUM THICKNESS IS PERMITTED TO BE REDUCED 2 INCHES, PROVIDED THE MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE,  $f_c$  IS 4,000 PSI.  
m. A PLAN CONCRETE WALL WITH A MINIMUM NOMINAL THICKNESS OF 12 INCHES IS PERMITTED, PROVIDED MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE,  $f_c$  IS 3,500 PSI.  
n. SEE TABLE R602.3 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 CRITERIA
GENERAL REQUIREMENTS	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE. THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER. BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED. THE AIR BARRIER IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SHALL BE SEALED.	AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL. 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.	CAVITIES WITH CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSTALLED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM.
WALLS	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHALL BE SEALED. 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.
CRACK SPACE WALLS	EXPOSED EARTH IN UNVENTED CRACK SPACES SHALL BE COVERED WITH A CLASS I VAPOR BARRIER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRACKSPACE WALLS.
SHAFTS, PENETRATIONS	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING THE EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	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.
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. CALLING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALL OR CEILING.	

a. IN ADDITION, INSPECTION OF LOG WALLS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ICC-403.

R401.4 SOIL TESTS.

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

R401.4.1 GEOTECHNICAL EVALUATION.

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

TABLE R401.4.1

PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS

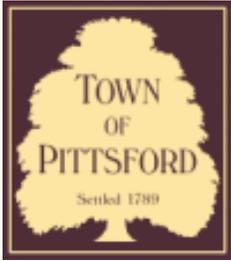
CLASS OF MATERIALS	LOAD-BEARING PRESSURE (pounds per square foot)
CRYSTALLINE BEDROCK	12,000
SEDIMENTARY & FOLIATED ROCK	4,000
SANDY GRAVEL AND/OR GRAVEL (GM & GP)	3,000
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL (SU, SP, SM, SC, GM & GC)	2,000
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY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











# Town of Pittsford

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

**Permit #  
B22-000016**

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

## DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

**Property Address:** 8 Black Wood Circle PITTSFORD, NY 14534

**Tax ID Number:** 178.03-5-29

**Zoning District:** IZ Incentive Zoning

**Owner:** Wilshire Hill LLC

**Applicant:** Pride Mark Homes

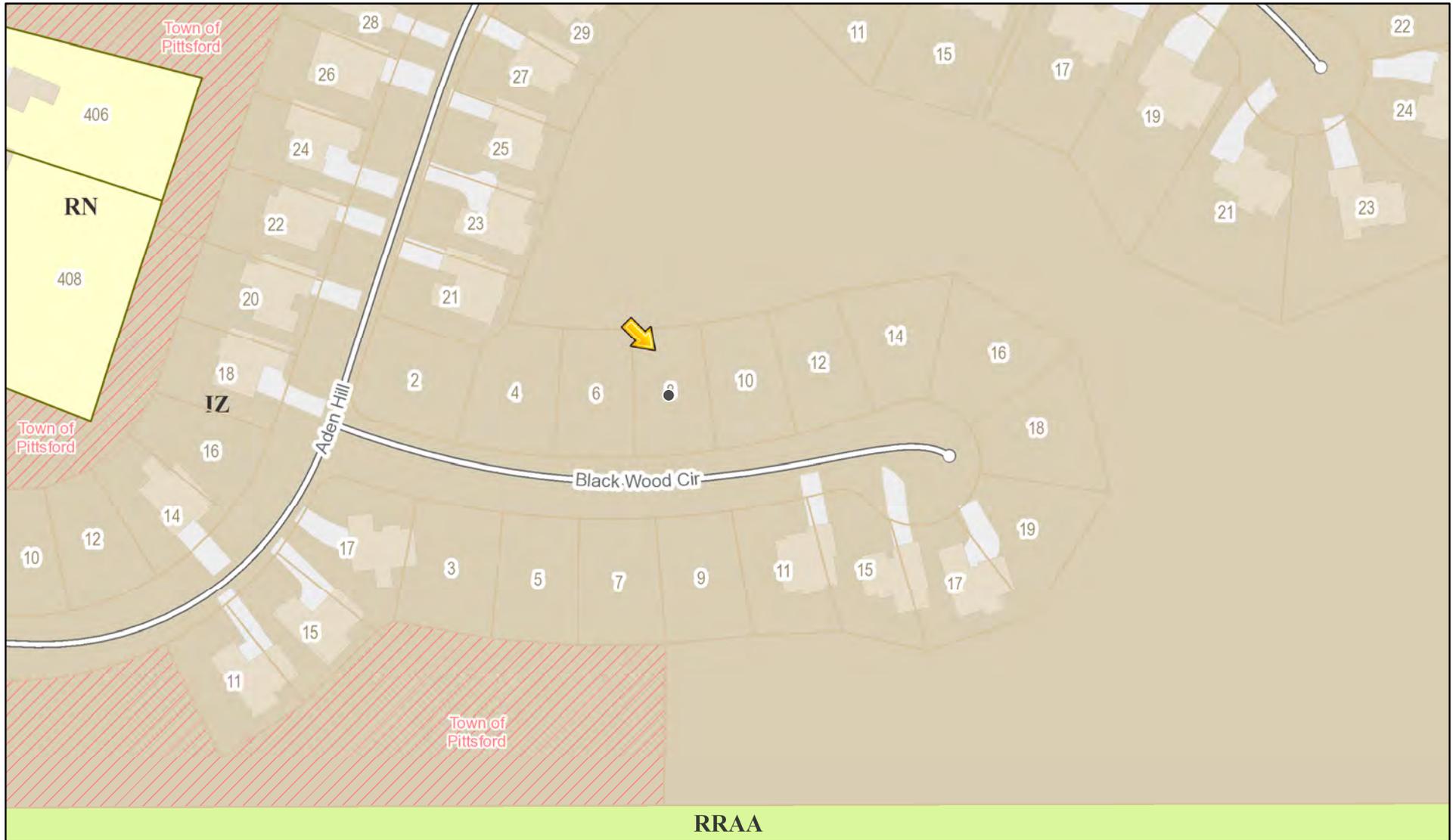
### Application Type:

- 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)

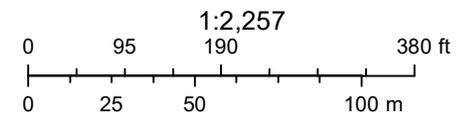
**Project Description:** Applicant is requesting design review for the construction of an approximately 2107 SF new single story family home in the Wilshire Hill subdivision.

**Meeting Date:** February 10, 2022

# RN Residential Neighborhood Zoning



Printed February 3, 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.



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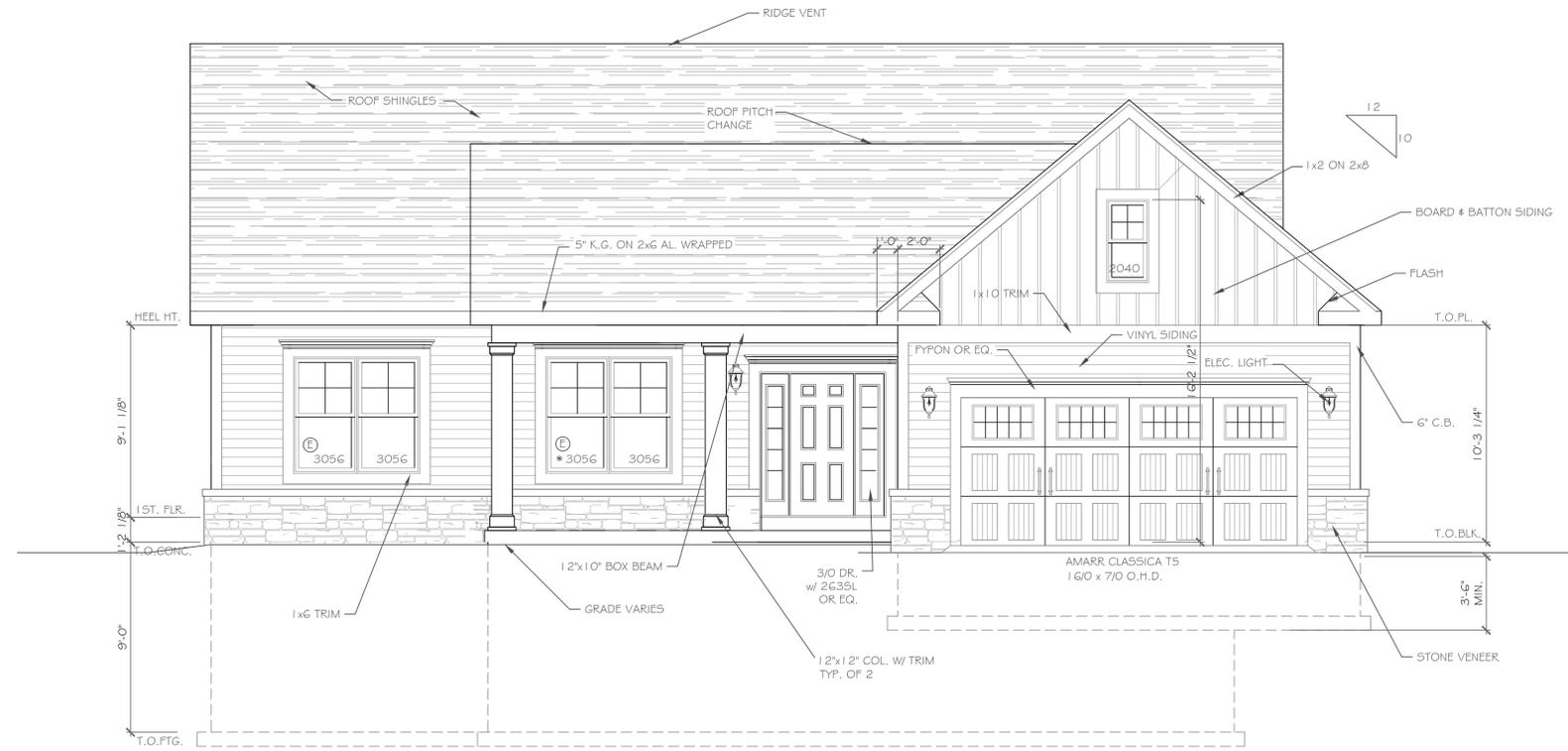
406

17

# DESIGN CRITERIA:

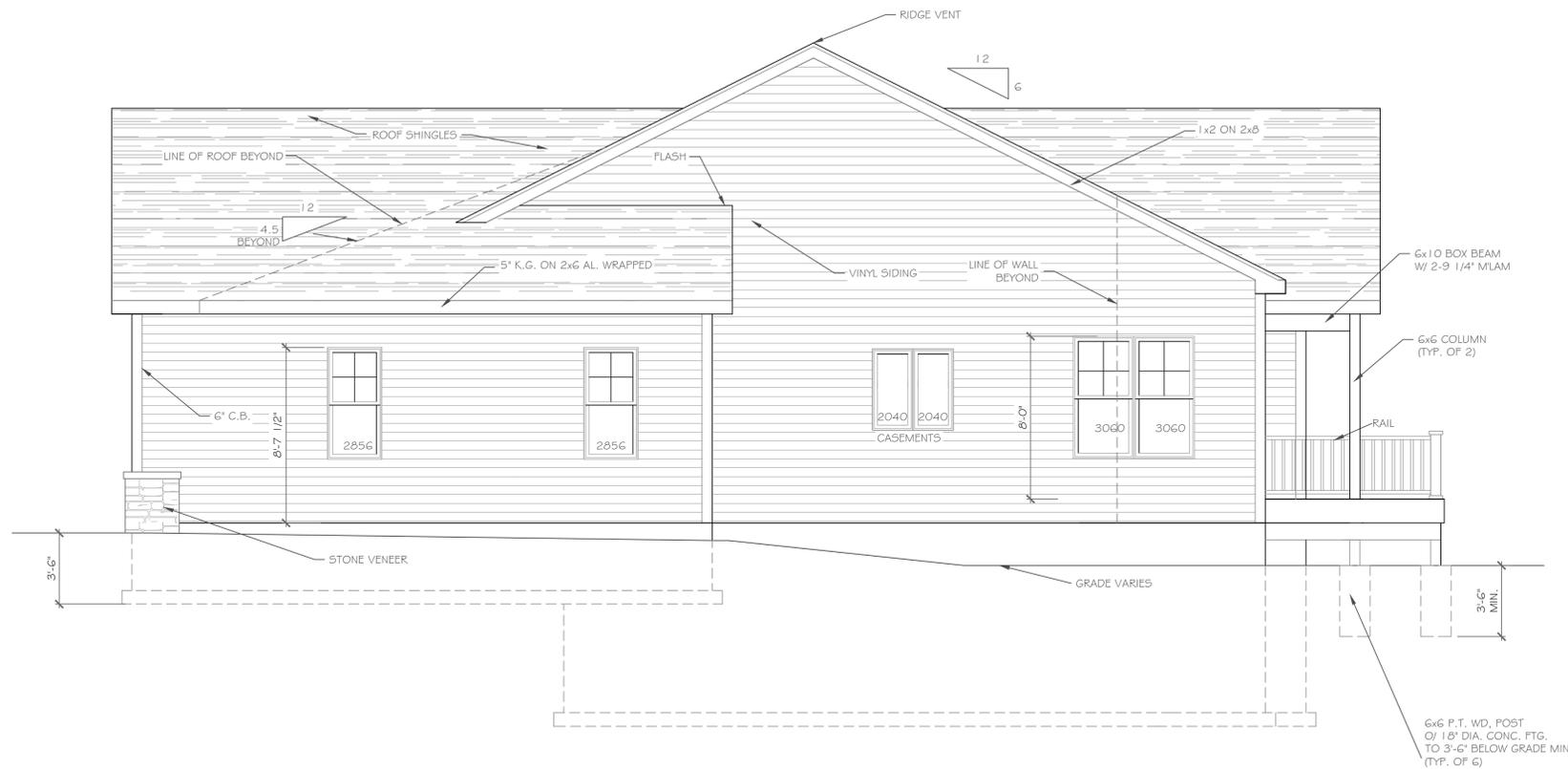
-For Greater Rochester Area and surrounding counties.

1ST & 2ND FLOOR LIVING AREA LIVE LOAD	40 PSF
SLEEPING AND ATTIC AREA LIVE LOAD	30 PSF
FLOOR DEAD LOAD	15 PSF
GROUND SNOW LOAD	40 PSF
ROOF DEAD LOAD	10 PSF
ALLOWABLE SOIL BEARING	2500 PSF AT MINIMUM 42" BELOW FINISHED GRADE
WIND SPEED	115 MPH, EXPOSURE B
SEISMIC DESIGN	CATEGORY B
WEATHERING	SEVERE
FROST DEPTH LINE	42 INCHES
TERMITE DAMAGE	SLIGHT TO MODERATE
DECAY DAMAGE	NONE TO SLIGHT
WINTER DESIGN TEMPERATURE	1 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 2017 S.F.

NOTE: - WINDOWS TO BE "GREAT LAKES" DOUBLE-HUNG OR EQUAL  
 - 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 R310 OF THE RES. CODE OF NYS  
 - \* : SAFETY GLASS REQ. PER SECTION R308.4 OF THE RES. CODE OF NYS



RIGHT SIDE ELEVATION

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

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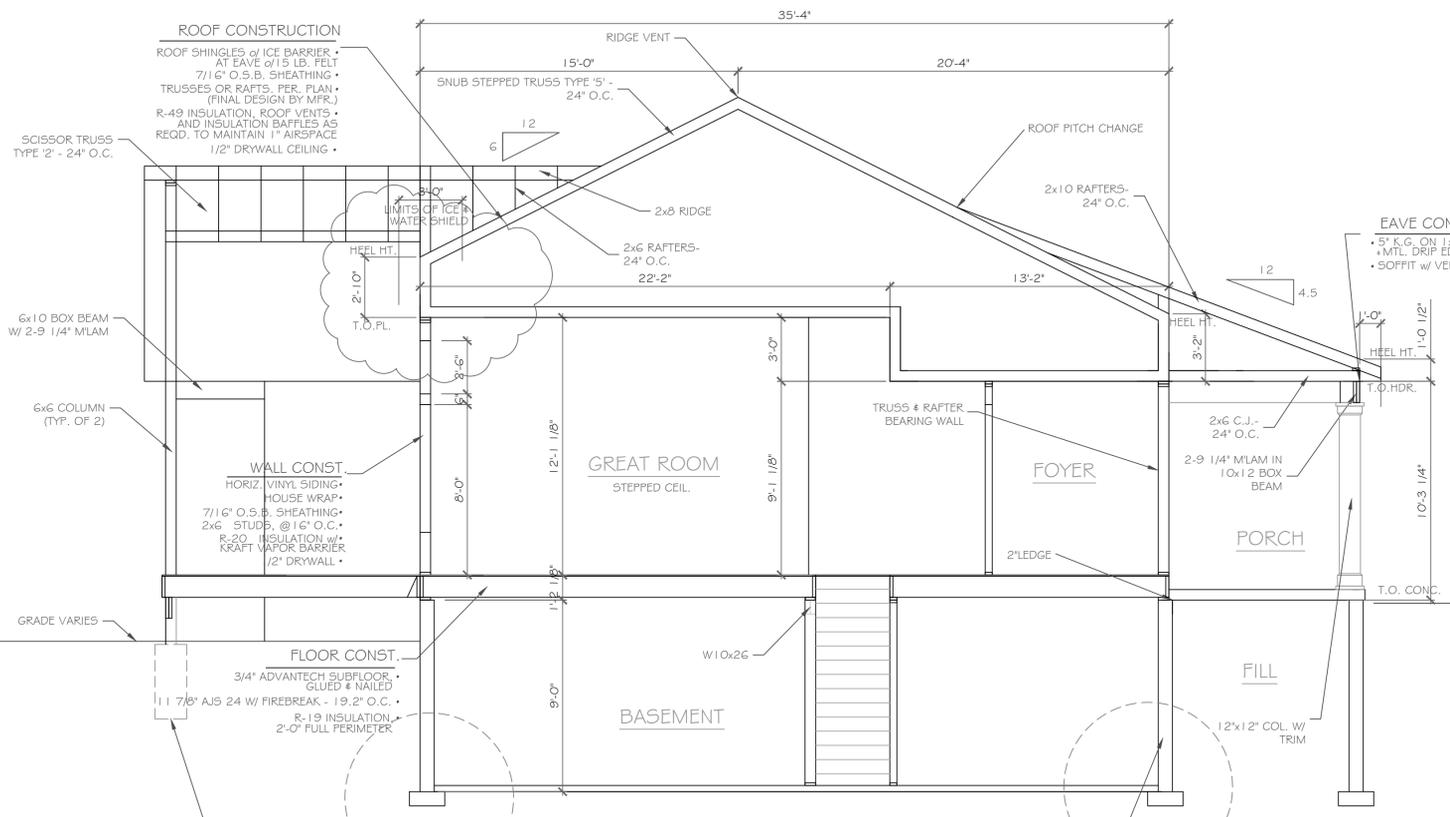
REVISIONS-	NO.	DATE	DESCRIPTION

DRAWING TITLE: <b>Elevations</b>	PHASE: Construction Documents
	DATE: February 2, 2022

PROJECT: Lot 28C Wishire Hill Pittsford, New York	CLIENT: Morrell Builders
JOB NO.:A21-074	DATE: February 2, 2022

**CKH**  
 architecture  
 1501 Pittsford Victor Road  
 Suite 100  
 Victor, New York 14564  
 phone: (585) 249-1334  
 e-mail: CKHennessey@frontem.net

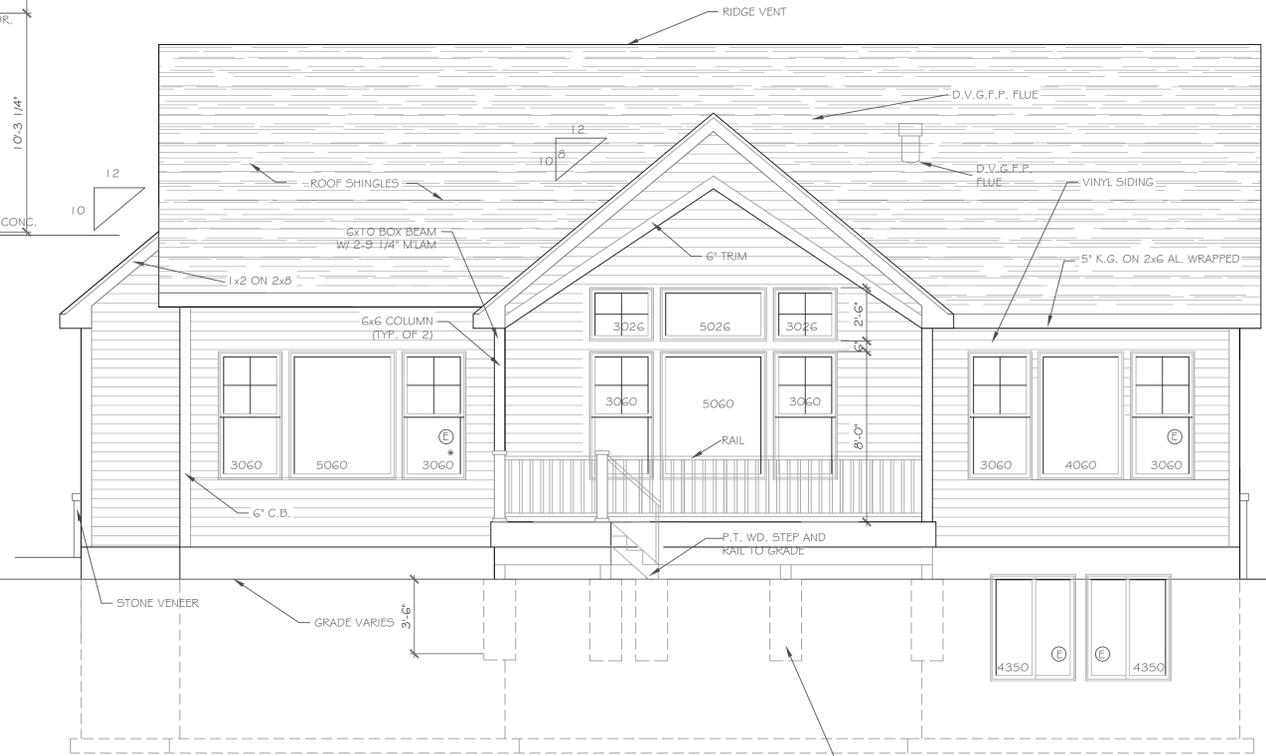
DRAWING NO. -  
**A-1**



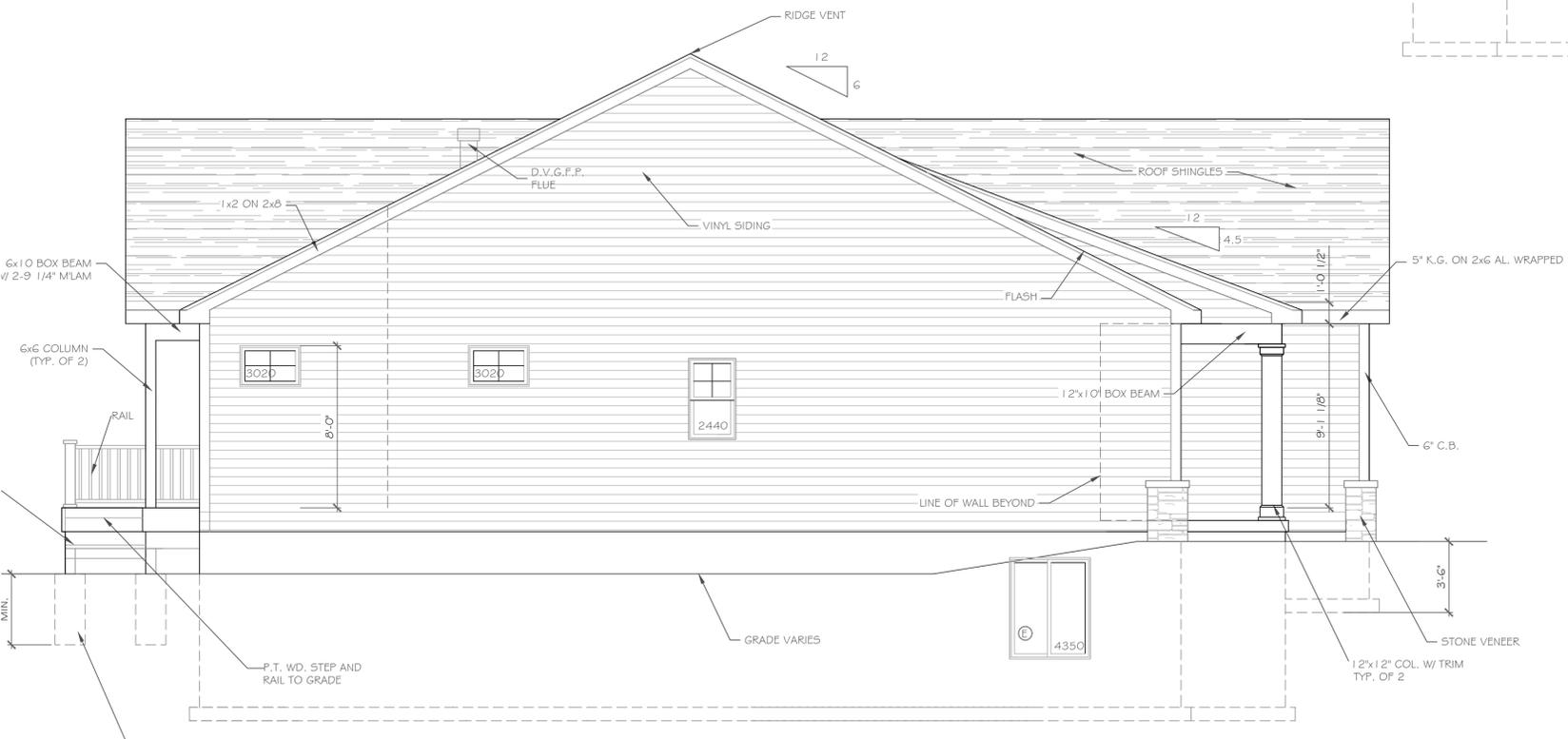
**A CROSS SECTION**  
1/4" = 1'-0"

**FOUNDATION CONST.**  
 2x8 SILL PLATE w/ SILL SEALER  
 1/2" ANCHOR BOLTS @ 6'-0" O.C. MIN.  
 POURED 9" CONC. WALL; FOR VERTICAL  
 REINFORCING SEE TABLE R404.1.1(1)  
 ON FOUNDATION PLAN  
 CEMENT FARGE AND TAR COAT  
 DAMPPROOFING OR EQ.  
 R-15 INSULATION TO SLAB  
 20"x8" CONT. CONC. FTG. w/ COVE BASE

**EAVE CONST.**  
 5" K.G. ON 1x8 ON 2x6  
 + MTL. DRIP EDGE  
 + SOFFIT w/ VENTS



**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**LEFT SIDE ELEVATION**  
SCALE: 1/4" = 1'-0"

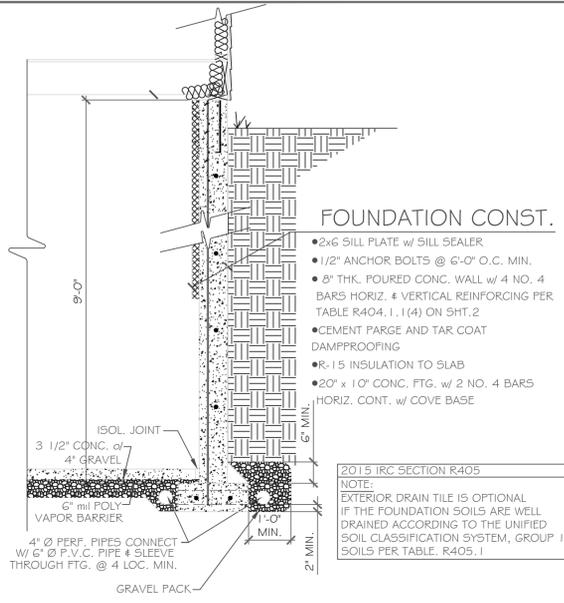
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 Chapter 17, Title 23, of the  
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REVISIONS-	NO.	DATE	DESCRIPTION

DRAWING TITLE- <b>Elevations</b>	PHASE- Construction Documents
	DATE- February 2, 2022

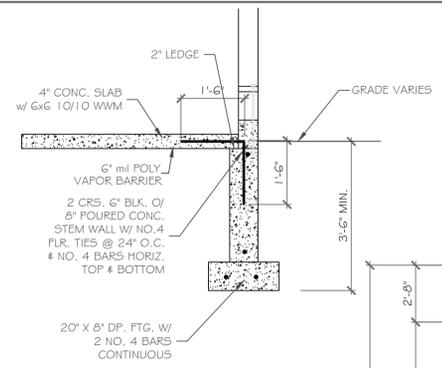
PROJECT- Lot 28C Wishire Hill Pittsford, New York	CLIENT- Morrell Builders
JOB NO.- A21-074	DATE- February 2, 2022

**CKH**  
**architecture**  
 1 501 Pittsford Victor Road  
 Suite 100  
 Victor, New York 14564  
 phone-(585) 249-1334  
 e-mail-CKHennessey@frontier.net



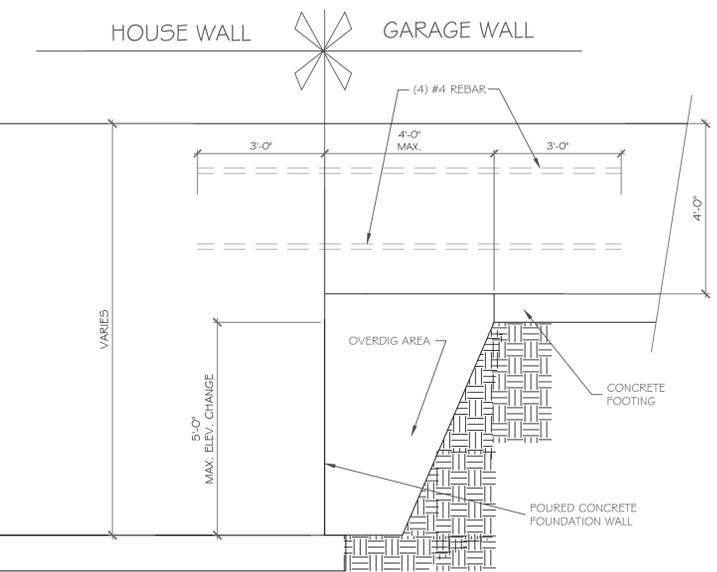
**FOUNDATION CONST.**

- 2x6 SILL PLATE w/ SILL SEALER
- 1/2" ANCHOR BOLTS @ 6'-0" O.C. MIN.
- 8" THK. POURED CONC. WALL w/ 4 NO. 4 BARS HORIZ. & VERTICAL REINFORCING PER TABLE R404.1.1 (4) ON SHT. 2
- CEMENT FARGE AND TAR COAT DAMPPROOFING
- R-15 INSULATION TO SLAB
- 20" x 10" CONC. FTG. w/ 2 NO. 4 BARS HORIZ. CONT. w/ COVE BASE

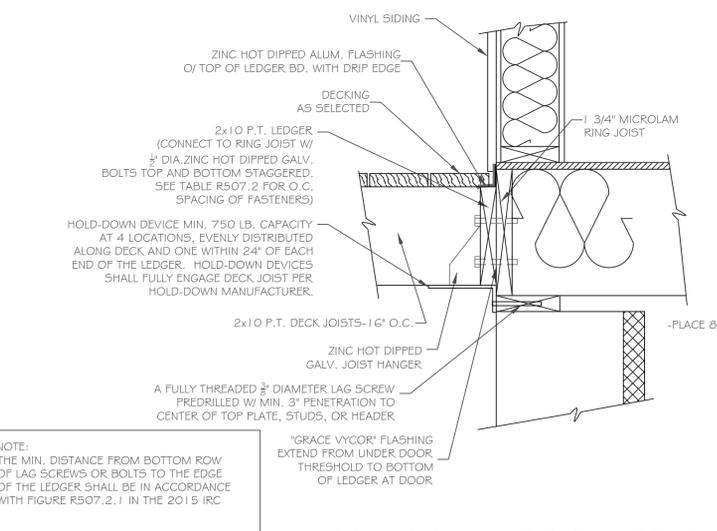


**GARAGE WALL DETAIL**  
SCALE: 1/2" = 1'-0"

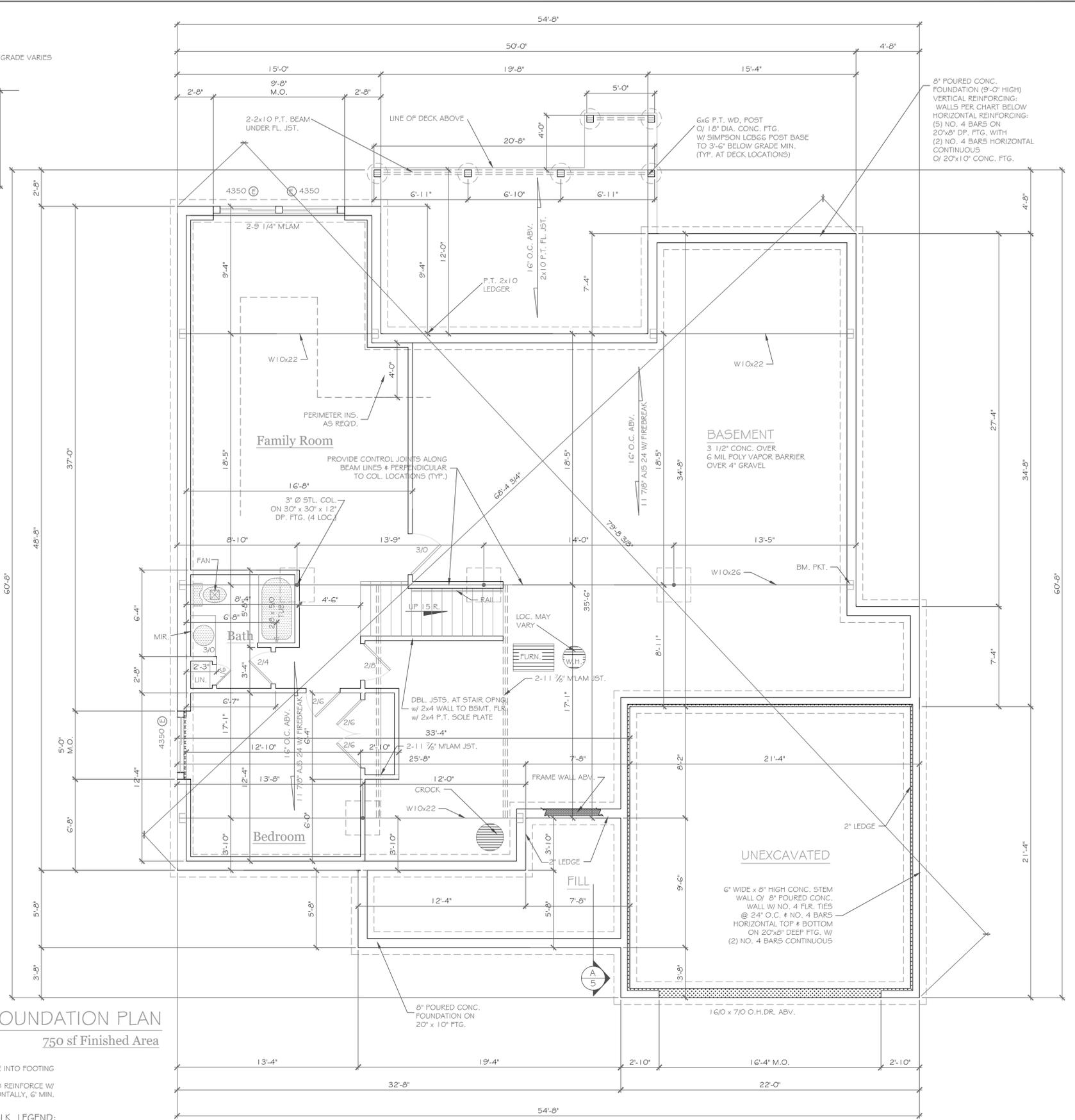
**TYPICAL POURED WALL DETAILS**  
SCALE: 1/2" = 1'-0"



**POURED WALL JUMP FOOTING DETAIL**  
SCALE: 1/2" = 1'-0"



**5 DECK CONNECTION TO DWELLING**  
SCALE: 1/2" = 1'-0"



**BASEMENT & FOUNDATION PLAN**  
1/4" = 1'-0"  
750 sf Finished Area

**NOTE:**  
- PROVIDE (2) NO. 5 BARS VERTICAL, TIE INTO FOOTING  
- PLACE 8" x 20" GARAGE FTG. ON ENGINEERED FILL & REINFORCE W/ 2 #5 BARS HORIZONTALLY, 6" MIN.

**CONC. BLK. LEGEND:**

[Pattern]	ELEV. = 0'
[Pattern]	ELEV. = (-) 8'
[Pattern]	ELEV. = (-) 1'-4"
[Pattern]	ELEV. = (-) 7'-0"
[Pattern]	ELEV. = (-) 9'-0"

**PARTIAL TABLE R404.1.2(b)**  
NOMINAL FLAT BASEMENT WALLS (p,c,d,e,f,h,i,k,n,o)

MAXIMUM WALL HEIGHT (feet)	MAXIMUM UNBALANCED BACKFILL HEIGHT(e) (feet)	MINIMUM VERTICAL REINFORCEMENT BAR SIZE AND SPACING(INCHES)			
		Soil classes(g) & design lateral soil (psf per foot of depth)			
		GW, GP, SW and SP 30 soils	GM, GC, SM, SM-SC and ML 45 soils	SH, ML, CL and inorganic CL 60 soils	
4	4	NR	NR	NR	NR
5	5	NR (i)	NR	NR	NR
6	6	NR	NR	NR	NR
7	7	#5 at 37" o.c.	#5 at 37" o.c.	#6 at 39" o.c.	#6 at 39" o.c.
8	8	#5 at 41" o.c.	#6 at 39" o.c.	#6 at 38" o.c.	#6 at 29" o.c.
9	9	#6 at 46" o.c.	#6 at 30" o.c.	#6 at 29" o.c.	#6 at 23" o.c.

b. Table values are based on reinforcing bars with a min. yield strength of 60,000 psi  
c. Vertical reinforcement w/ 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 reinforcement is required, except for 6" nominal walls formed w/ stay in place forming systems in which case vertical reinforcement shall be No. 4 @ 48" o.c.  
e. Allowable deflection criterion is L/240, where L is the unsupported height of the basement wall in inches.  
f. Interpretation is not permitted.  
g. Vertical reinforcement shall be located to provide a cover of 1 1/4" 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 1.0 percent of the wall thickness or 3/8".  
h. Concrete cover for reinforcement measured from the inside face of the wall shall not be less than 3/4". Concrete cover for reinforcement measured from the outside face of the wall shall not be less than 1 1/2" for No. 5 bars and smaller, and not less than 2" for larger bars.  
i. Concrete shall have a specified compressive strength of not less than 2,500 psi at 28 days, unless a higher strength is required by footnote l or m.  
l. The minimum thickness is permitted to be reduced 2", provided the minimum specified compressive strength of concrete is 4,000 psi.  
m. See Table R608.3 for tolerance from nominal thickness permitted for flat walls.  
n. The use of this Table shall be prohibited for soil classifications not shown.

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**REVISIONS-**

NO.	DATE	DESCRIPTION

**DRAWING TITLE:**  
Basement & Foundation Plan

**PROJECT:**  
Lot 28C Wishire Hill  
Pittsford, New York

**CLIENT:**  
Morrell Builders

**PHASE:**  
Construction Documents

**DATE:**  
February 2, 2022

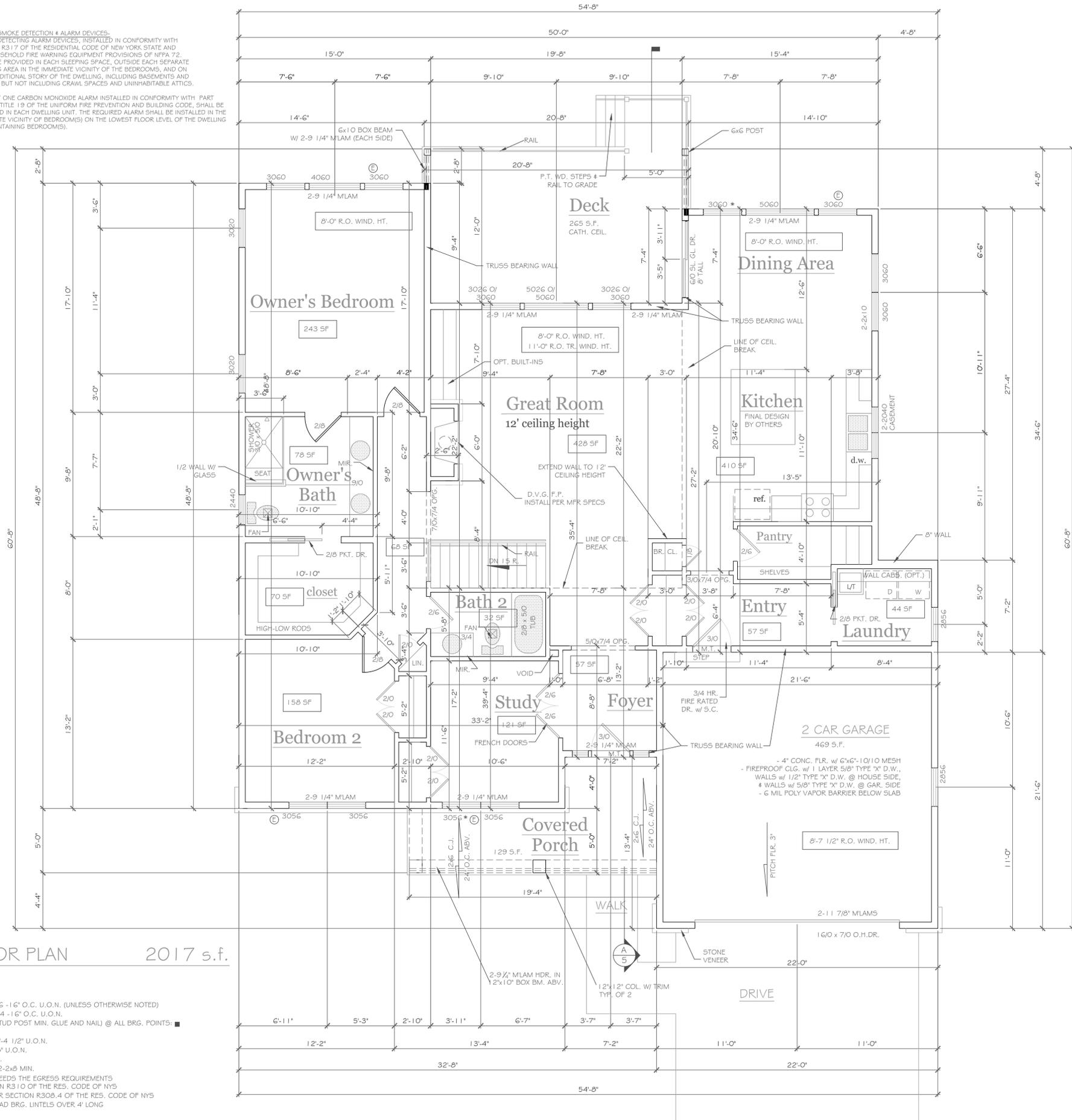
**JOB NO.:**  
A21-074

**CKH architecture**  
1501 Pittsford Victor Road  
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**DRAWING NO.:**  
A-2

NOTES: SMOKE DETECTION & ALARM DEVICES-  
SMOKE DETECTING ALARM DEVICES, INSTALLED IN CONFORMITY WITH SECTION R317 OF THE RESIDENTIAL CODE OF NEW YORK STATE AND THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72, SHALL BE PROVIDED IN EACH SLEEPING SPACE, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AND ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND CELLARS BUT NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS.

AT LEAST ONE CARBON MONOXIDE ALARM INSTALLED IN CONFORMITY WITH PART 1225.2, TITLE 19 OF THE UNIFORM FIRE PREVENTION AND BUILDING CODE, SHALL BE PROVIDED IN EACH DWELLING UNIT. THE REQUIRED ALARM SHALL BE INSTALLED IN THE IMMEDIATE VICINITY OF BEDROOM(S) ON THE LOWEST FLOOR LEVEL OF THE DWELLING UNIT CONTAINING BEDROOM(S).



FIRST FLOOR PLAN 2017 s.f.

1/4" = 1'-0"

NOTES:

- EXTERIOR WALLS TO BE 2 x 6 - 16" O.C. U.O.N. (UNLESS OTHERWISE NOTED)
- INTERIOR WALLS TO BE 2 x 4 - 16" O.C. U.O.N.
- PROVIDE SOLID BLDG. (3 STUD POST MIN. GLUE AND NAIL) @ ALL BRG. POINTS: ■
- APPLIANCES PER CONTRACT
- WINDOW R.O. HTS. TO BE 7'-4 1/2" U.O.N.
- CEILING HTS. TO BE 9'-1 1/8" U.O.N.
- ANGLES TO BE 1 1/2 U.O.N.
- UNSPECIFIED HDRS. TO BE 2-2x8 MIN.
- Ⓢ: WINDOW MEETS OR EXCEEDS THE EGRESS REQUIREMENTS PER SECTION R310 OF THE RES. CODE OF NYS
- \* : SAFETY GLASS REQ. PER SECTION R308.4 OF THE RES. CODE OF NYS DBL. JACK STUDS @ ALL LOAD BRG. LINTELS OVER 4' LONG

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REVISIONS-	NO.	DATE	DESCRIPTION

DRAWING TITLE-  
**First Floor Plan**

PHASE-  
Construction Documents

PROJECT-  
Lot 28C Wishire Hill  
Pittsford, New York

CLIENT-  
Morrell Builders

JOB NO.-  
A21-074

DATE-  
February 2, 2022

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DRAWING NO.-  
**A-3**







15 BLACKWOOD CIRCLE

