

**Design Review & Historic Preservation Board
Agenda
January 27, 2022**

HISTORIC PRESERVATION DISCUSSION

RESIDENTIAL APPLICATION FOR REVIEW – NEW HOMES

- **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.
- **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.

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."
- **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."

Design Review and Historic Preservation Board
Minutes
January 13, 2021

PRESENT

Dirk Schneider, Chairman; Paul Whitbeck, John Mitchell, Kathleen Cristman

ALSO PRESENT

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

ABSENT

Dave Wigg, Bonnie Salem

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

HISTORIC PRESERVATION DISCUSSION

Susan Donnelly, Secretary to the Board, reported that the historic marker for the East Street Burying Ground has been delivered. The post is still in transit.

There was a short discussion of whether an event should be scheduled during May which is Historic Preservation Month. It was decided to hold on plans at this time due to COVID and revisit later in the year.

RESIDENTIAL APPLICATION FOR REVIEW

• **6 Cricket Hill Drive**

The Applicant is requesting design review for the construction of an approximately 116 SF addition off the side of the existing house.

Mark Lyons was present to discuss this application with the Board.

This project is a small bump out addition to accommodate a laundry room and closet. All materials will match the existing.

John Mitchell moved to accept the application as submitted.

Dirk Schneider seconded.

All Ayes.

• **24 Rollins Crossing**

The Applicant is requesting design review for the construction of a covered entryway off the front of the house.

The contractor, Brian Engler, was present.

The roof shingles will match the existing. There will be no railing as depicted in the rendering.

Kathleen Cristman moved to accept the application as submitted without railings.

Dirk Schneider seconded.

All Ayes.

- **192 Mendon Center Road**

The Applicant is requesting design review for the construction of a covered entryway off the front of the house.

The homeowner, Hiep Nguygen was present.

Mr. Nguygen discussed his plans for constructing a covered porch on the front elevation of his home. He plans to keep the same front door. There will be no transom windows as in his submission documents. The existing stoop is concrete. He plans to trim the columns in 6" x 6" white vinyl and the base of the columns will have stone trim. The shingles will match the existing on the home.

Dirk Schneider moved to approve the application for a covered porch with the conditions that the roof shingles will match the existing roof and the porch will match the window framing in color.

Paul Whitbeck seconded.

All Ayes.

- **25 Knollwood Drive**

The Applicant is requesting design review for the construction of a new covered entryway off the front of the house.

There was no representative present to discuss this application with the Board.

The Board expressed concerns about the new design. There is not enough information on the materials and finishes. The Board felt the proposed front door does not go with the house. They felt the current front porch is compatible with the structure and need further discussion on the rationale for the changes.

It was decided to hold this application open for more information.

- **3765 East Avenue**

The Applicant is requesting design review for the construction of a covered entryway off the front of the house.

Bob Cornell of Cornell Construction Design was present.

Mr. Cornell described project as a covered entryway. The ironwork will be removed on the front elevation. The Board inquired if the applicant was going forward with the garage project which was approved August 27, 2020 and amended December 10, 2020 because the current plans only show the new proposed entry way. Mr. Cornell indicated the applicant is withdrawing the plans for the garage project.

Dirk Schneider moved to approve the covered entryway as submitted with the understanding that this approval supersedes any previous approvals by the DRHPB.

Kathleen Cristman seconded.

All Ayes.

RESIDENTIAL APPLICATION FOR REVIEW – NEW HOMES

- **33 Coventry Ridge**

The Applicant is requesting design review for the construction of a two story single family home. The home will have a total living area of approximately 2926 square feet and is located in the Coventry Ridge Subdivision.

Steve Maynard was present to discuss this application with the Board.

The home is a two-story dwelling with a three-car garage with siding and brick finishes. The brick will be returned on the side elevations a few feet.

The grade of the property prohibits a side load garage.

Paul Whitbeck moved to approve the application as submitted.

John Mitchell seconded.

All Ayes.

- **47 Nature View**

The Applicant is requesting design review for the construction of a two story single family home that is approximately 2901 square feet.

Lou Masi of Mascot Builders was present.

There will be two garage doors on this model. The Board reviewed the application and discussed concerns about the lack of fenestration on the left side elevation. Options were discussed to break up the massing.

John Mitchell moved to accept the application as submitted with the condition that a window or transom window will be added to the first floor study on the left elevation.

Kathleen Cristman seconded.

All Ayes.

- **51 Nature View**

The Applicant is requesting design review for the construction of a two story single family home that is approximately 2328 square feet.

Lou Masi of Mascot Builders addressed this application.

There is not room in this garage for two doors. The Board commented on the multiple materials on the front elevation. Mr. Masi indicated that a similar monochromatic color palette will be chosen.

The Board recommended no shutters be added to this model. Brackets should be placed under the floating fireplace.

Dirk Schneider moved to application this application as submitted with the following conditions:

1. Brackets will be added underneath the fireplace on the rear elevation.
2. Brick will be added at the water table to the garage and single window by at least two feet.

John Mitchell seconded.

All Ayes.

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS - RETURNING

- **682 Stone Road**

The Applicant is requesting a Certificate of Appropriateness, pursuant to Code Section 185-196, for the construction of an oversized accessory structure on the property of a designated historic home.

Jeff Ashline of Mossein Architects and the homeowner, Dick Goldman were present.

The Board reviewed the revised plans submitted to the Town.

The window above the garage doors will be removed and the windows in the door will be squared up. The windows on the side elevations have been decreased in size. The shutters and cupola remain. The Board was divided in their opinions the appropriateness of the cupola.

Dirk Schneider made a motion to amend the resolution with the following conditions as follows:

1. All work is to be completed by December 31, 2022.
2. All work with be performed as reflected in the revised sketches SK 1 & 2 both dated 12/13/21.

Dirk Schneider seconded.

All Ayes.

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

- **51 Long Meadow Circle**

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

Dirk Schneider opened the Public Hearing.

The homeowner, Christopher Montgomery, was present.

Mr. and Mrs. Montgomery wish to place solar panels on the front of the garage which is attached to their home. The solar panels would face the street side in the neighborhood. The Board questioned if the solar panels could be placed on the rear of the garage so they would not be visible from the street. Mr. Montgomery stated that there is not enough sun in that area for the panels to function.

Mr. Montgomery also stated that the garage is only about 20 years old. Kathleen Cristman noted that the designation document dated 2000 stated that the garage was deemed part of the designation. She referenced Town of Pittsford Standards and Guidelines for Certificates of Appropriateness that states that landmark homes should not have solar panels visible from the street. She also referenced the Preservation League of NYS that discusses that solar panels are not appropriate on any part of a designated structure.

There was no public comment.

Dirk Schneider moved to close the Public Hearing.

Kathleen Cristman seconded.

All Ayes.

The Board discussed that the designation document for this home had been reviewed.

The Board also discussed how the proposed location of the solar panels are centered on the front of the garage and will be very visible from the street with coverage of 82% on the larger portion of the roof and 46% on the smaller portion of the roof. It was noted that the owner attempted to reduce the impact of the panels with invisible anchors but the panels would still be prominent and therefore will detract from the home.

The Board was in agreement that the solar panels are not appropriate on the front of the garage of this landmark home.

A resolution to deny the Certificate of Appropriateness was read by Kathleen Cristman stating that the solar panels are not compatible with the historic character of the property and therefore, not appropriate.

The resolution was moved by Board member Kathleen Cristman, seconded by Board member Dirk Schneider, and was voted upon by members of the Board as follows:

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

Accordingly, the Design Review and Historic Preservation Board denied a Certificate of Appropriateness for the addition of solar panels on the front of the garage located at 51 Long Meadow Circle.

Mr. Montgomery asked the Board what recourse he had regarding the decision. Town Attorney, Robert Koegel, advised the applicant that he has the right to file an administrative appeal to the Town Board within fifteen days of the date of the decision.

REVIEW OF MINUTES OF DECEMBER 9, 2021 MEETING

Dirk Schneider moved to accept the minutes of December 9, 2021 with one addition.

Kathleen Cristman seconded.

All Ayes.

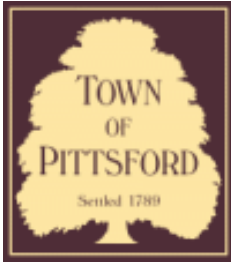
ADJOURNMENT

Dirk Schneider moved to close the meeting at 7:35 pm.

All Ayes.

Respectfully submitted,

Susan Donnelly
Secretary to the Design Review and Historic Preservation Board



Town of Pittsford

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

Permit #
B22-000007

Phone: 585-248-6250

FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 14 Landsdowne Lane ROCHESTER, NY 14618

Tax ID Number: 151.11-1-6.12

Zoning District: RN Residential Neighborhood

Owner: Daniel Wilmot

Applicant: Daniel Wilmot

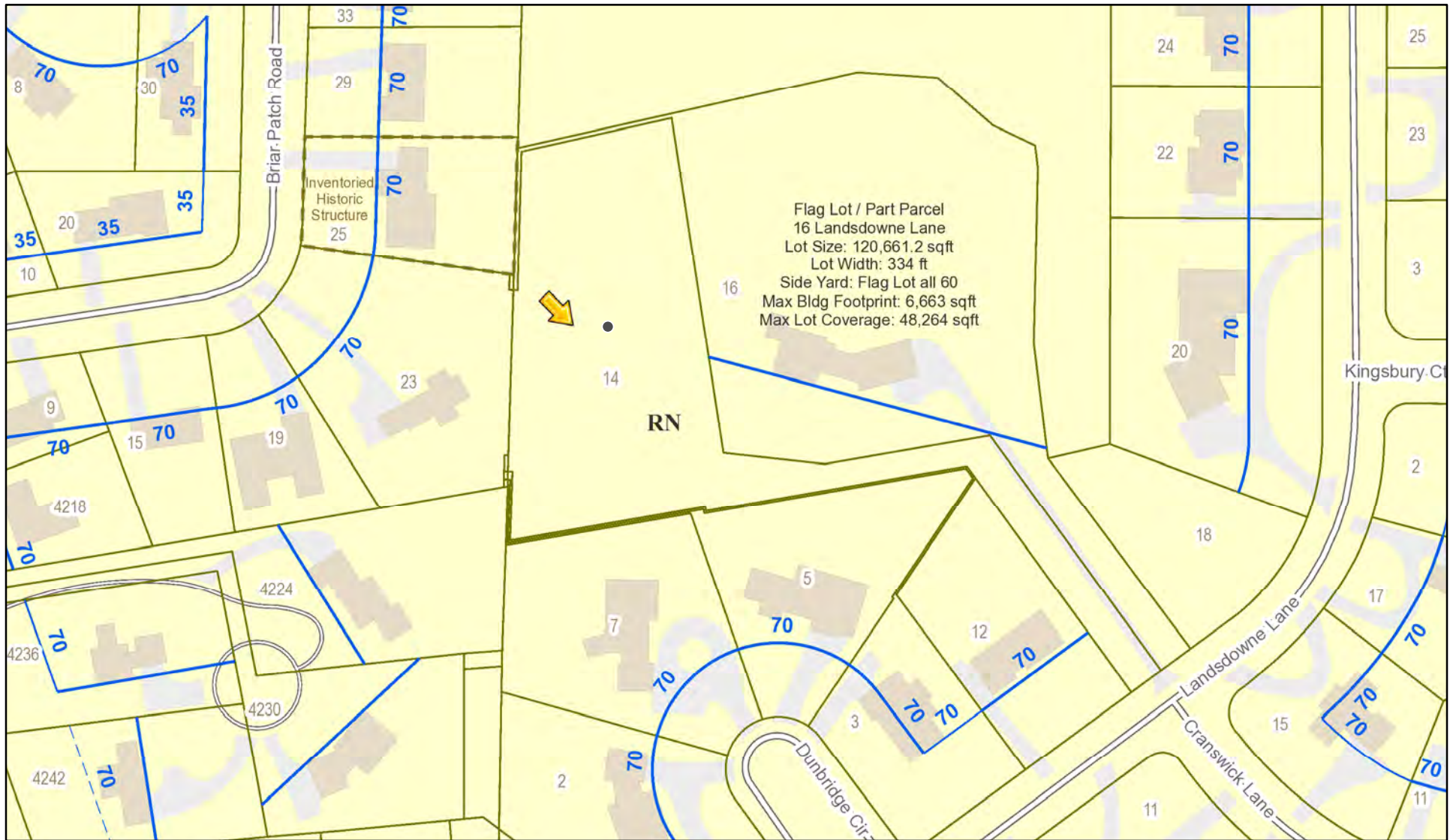
Application Type:

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

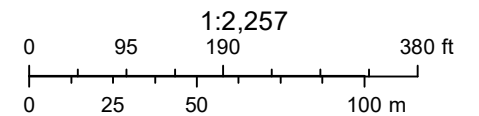
Project Description: Applicant is requesting design review for the construction of a two story single family home. The home will be approximately 4504 square feet.

Meeting Date: January 27, 2022

RN Residential Neighborhood Zoning



Printed January 20, 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.





Wilmot Residence
14 Landsdowne Lane
Pittsford, NY

Front Elevation



James Fahy Design Associates
Architecture & Engineering P.C.
Rochester, NY

WILMOT RESIDENCE

14 LANDSDOWNE LANE
PITTSFORD, NEW YORK



CLIENT:

DAN & MEREDITH WILMOT

ARCHITECT:

JAMES FAHY DESIGN ASSOCIATES
ARCHITECTURE & ENGINEERING P.C.
2024 W. HENRIETTA RD. SUITE 3K
ROCHESTER, NY 14623
TEL. (585) 272-1650
E-MAIL: info@jamesfahy.com
WEBSITE: www.jamesfahy.com

CIVIL ENGINEER:

PARRONE ENGINEERING
349 WEST COMMERCIAL ST. SUITE 3200
EAST ROCHESTER, NY 14445
TEL. (585) 586-0200
E-MAIL: www.parroneeng.com

CONTRACTOR:

BOWERING HOMES, INC.
1303 MARSH RD.
PITTSFORD, NY 14534
TEL. (585) 381-3376
WEBSITE: www.boweringhomes.com

KITCHEN & BATH DESIGNER:

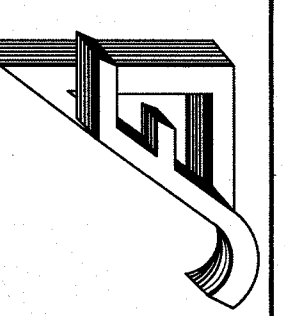
CUSTOM KITCHENS BY MARTIN & CO. INC.
1368 PITTSFORD MENDON RD.
MENDON, NY 14506
TEL. (585) 624-1880
WEBSITE: www.customkitchensbymartin.com

DRAWING INDEX:

ARCHITECTURAL:

- T1.0 TITLE SHEET
- A1.0 SOUTH & EAST ELEVATIONS
- A1.1 NORTH & WEST ELEVATIONS
- A2.0 FINISHED LOWER LEVEL PLAN
- A3.0 FIRST FLOOR PLAN
- A4.0 SECOND FLOOR PLAN
- A5.0 ROOF PLAN & TYPICAL WALL SECTION

James Fahy Design Associates
Architecture & Engineering P.C.
2024 W. Henrietta Rd. Suite 3K
Rochester, NY 14623
Tel: (585) 272-1650
E-mail: info@jamesfahy.com
Website: www.jamesfahy.com



WILMOT RESIDENCE
14 LANDSDOWNE LANE
PITTSFORD, NEW YORK
DAN & MEREDITH WILMOT

PROJECT: CLIENT:

REVISIONS	NO.	DATE

JOB NO.
A21-085

PROJECT NO.
15-2992-3

PHASE:
PRELIMINARY

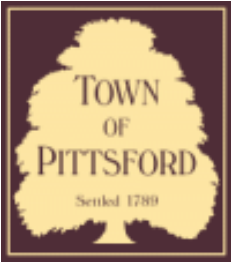
DATE:
8-27-2021

DRAWING NO.
T1.0









Town of Pittsford

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

Permit #
B21-000254

Phone: 585-248-6250

FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 9 Hawkstone Way PITTSFORD, NY 14534

Tax ID Number: 178.03-4-24

Zoning District: RN Residential Neighborhood

Owner: Ketmar Development Corp

Applicant: Ketmar Development Corp

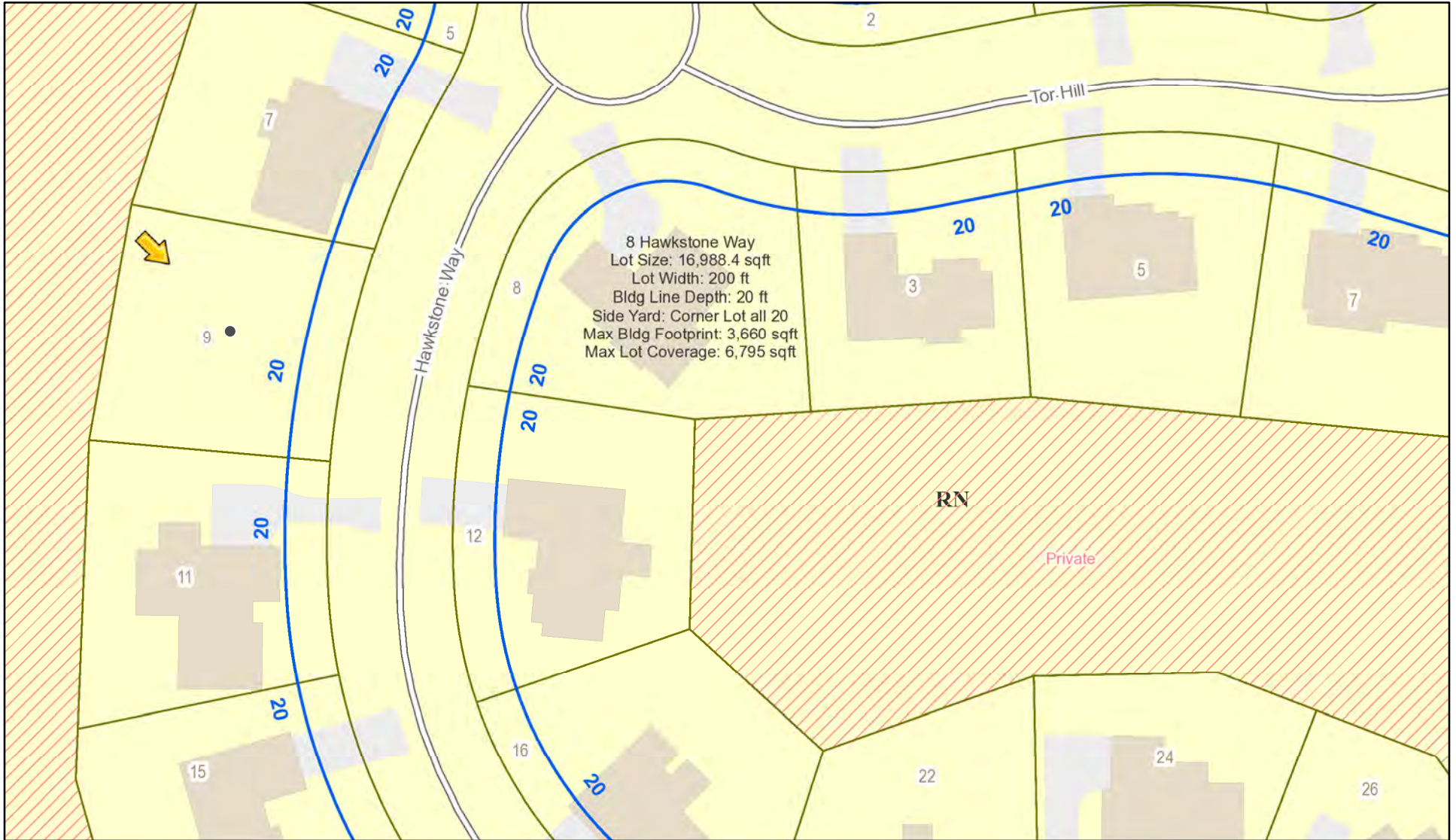
Application Type:

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

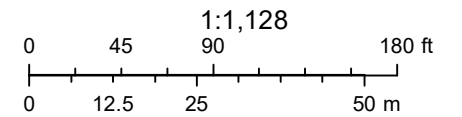
Project Description: Applicant is requesting design review for the construction of a one story single family home. The home will be approximately 1908 square feet and will be located in the Cottages at Malvern Hills Subdivision.

Meeting Date: January 27, 2022

RN Residential Neighborhood Zoning



Printed January 20, 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.



5

7

8

9

11

12

15



SPEC HOUSE

LOT 4 HAWKSTONE TOWN, NY

KETMAR DEVELOPMENT CORP.

PLAN 1908 R2 / PROJECT 2607C

SHEET INDEX

- C-1 COVER SHEET
- 1/4 ELEVATIONS
- 2/4 FOUNDATION PLAN
- 3/4 FIRST FLOOR PLAN
- 4/4 SECTIONS
- N-1 DETAILS
- N-2 REINFORCING NOTES

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 W/ SECTION G2420.

DRYER EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH & BE CONSTRUCTED OF METAL HAVING A MINIMUM THICKNESS OF 0.0157" (NO. 28 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 DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/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:

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

R402.4.5 RECESSED LIGHTING. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. RECESSED LUMINAIRES SHALL BE IC-RATED AND LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT GREATER THAN 2.0 cfm (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:

1. 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.
2. 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:

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

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

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

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

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

SITE WORK:

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

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

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

FOUNDATION:

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

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

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

POSITIVE DRAINAGE SHALL BE PROVIDED SO THAT FINISHED GRADE SLOPES AWAY FROM PERIMETER WALLS & FOOTINGS. CONTINUOUS 4" DIAM. PERFORATED DRAIN PIPE SHALL BE PLACED ALONG THE PERIMETER OF THE BASEMENT WALLS WHICH DRAINS TO THE SUMP PUMP. A MINIMUM OF 6" GRANULAR BASE SHALL BE PLACED OVER THE DRAIN TILE AND MINIMUM OF 2" UNDER THE TILE.

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

FIREPLACES:

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

FRAMING:

WOOD ROOF TRUSSES ARE TO BE METAL PLATE CONNECTED WOOD CHORD, WOOD WEB TRUSSES. TRUSS LAYOUT IS SCHEMATIC ONLY; TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN (INCLUDING SPACING) OF ALL TRUSSES. TRUSSES TO BE DESIGNED AND CERTIFIED BY AN ENGINEER LICENSED IN THE GOVERNING STATE.

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

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

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

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

ALL WOOD, IN CONTACT WITH CONCRETE OR EXPOSED TO THE ELEMENTS, SHALL BE PRESSURE TREATED OR OF A SPECIES SUITABLE FOR OUTDOOR USE. ALL FASTENER, JOIST HANGERS, & FLASHING SHALL BE HOT DIP GALVANIZED, STAINLESS STEEL, SILICON, BRONZE, OR COPPER, & SHALL BE APPROVED BY THE MANUFACTURER FOR USE W/ PRESSURE TREATED WOOD.

FLASHING IS REQUIRED IN THE FOLLOWING LOCATIONS: AT WALL & ROOF INTERSECTIONS & PROJECTING WOOD TRIM, TOP OF ALL EXTERIOR WINDOWS & DOOR OPENINGS, CHIMNEYS, UNDER & AT ENDS OF MASONRY, WOOD OR METAL COPINGS & SILLS, & WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAMED CONSTRUCTION & BUILT-IN GUTTERS. FLASHINGS SHALL BE PROVIDED AS REQ'D. TO COMPLY WITH ALL OF SECT. R703.4 OF THE 2020 RCNYS.

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

STAIRWAY & GUARD REQUIREMENTS:

STAIRWAYS SHALL BE AT LEAST 36" WIDE. TREADS SHALL BE AT LEAST 9" DEEP PLUS 3/4" TO 1 1/4" NOSING FOR CLOSED RISER TYPE, OR 9" FOR OPEN RISER TYPE. RISERS SHALL BE NO MORE THAN 8 1/4" HIGH. STAIRS SHALL COMPLY WITH 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 ⁻⁶ = 1.9 Fc ¹ = 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

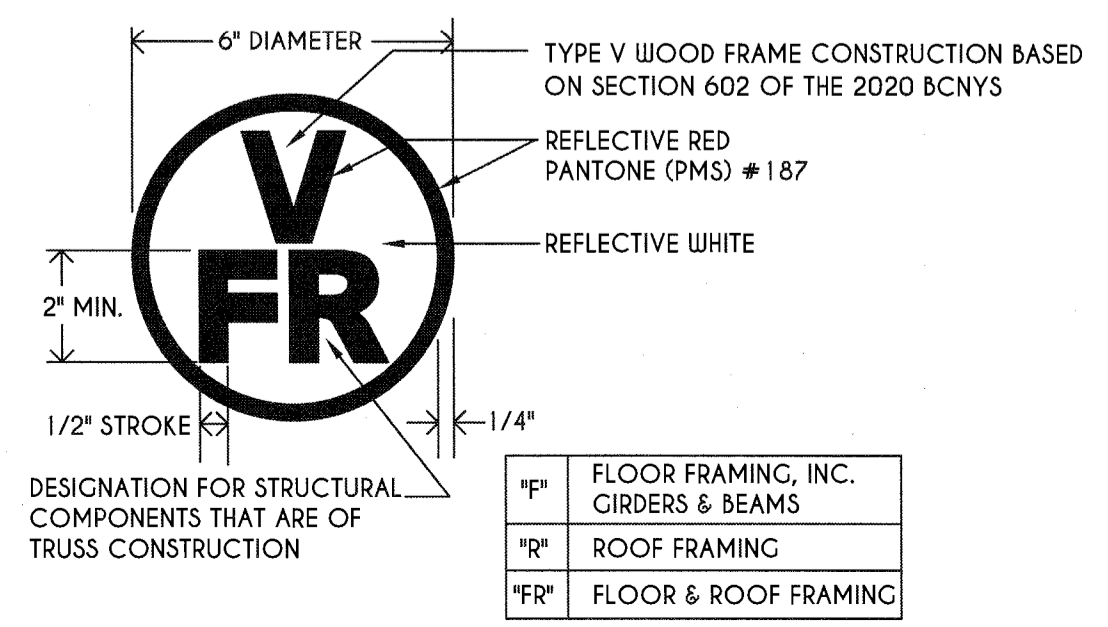
DESIGN CRITERIA:

(FOR GREATER ROCHESTER AREA & ADJACENT COUNTIES)

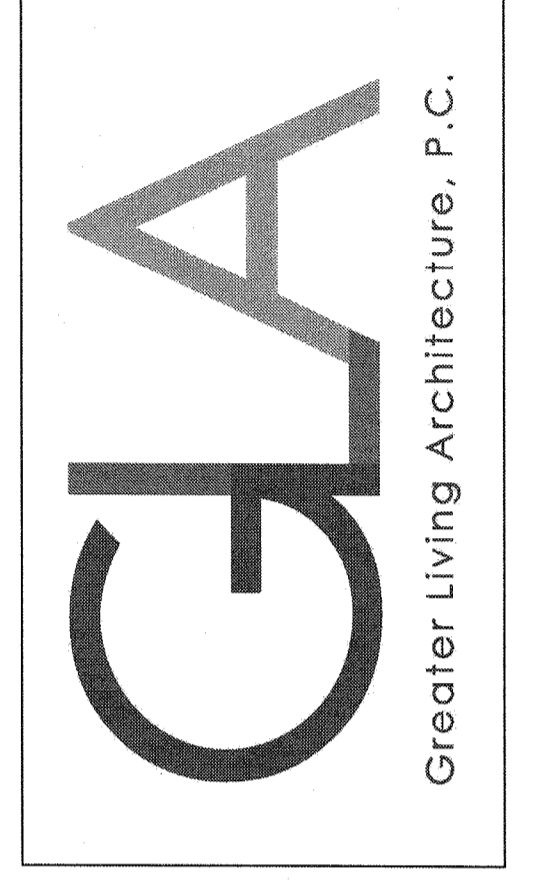
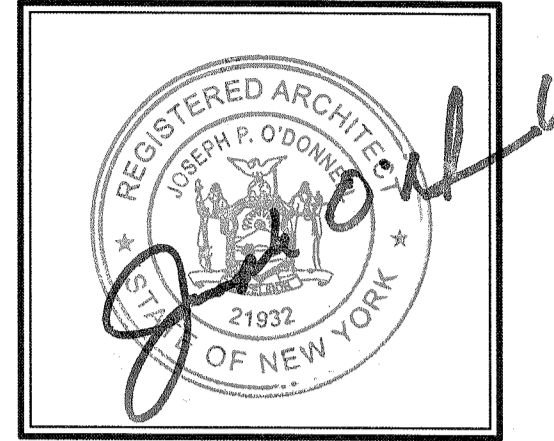
LOCAL JURISDICTION DESIGN CRITERIA MAY VARY AND SHALL BE STRICTLY ADHERED TO	
1ST FLOOR LIVING AREA LIVE LOAD	40 P.S.F.
2ND FLOOR LIVING AREA LIVE LOAD	30 P.S.F.
1ST & 2ND FLOOR DEAD LOAD	15 P.S.F.
GROUND SNOW LOAD	40 P.S.F.
ROOF DEAD LOAD	10 P.S.F.
ALLOWABLE SOIL BEARING	2500 P.S.F. AT MINIMUM 42" BELOW 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 SHEILD UNDERLAYMENT	REQUIRED 24" INSIDE OF EXTERIOR WALL LINE
FLOOD HAZARD	FIRM - 2008
ROOF TILE 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.



COPYRIGHT NOTICE :
 THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.
 UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.
 COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



3033 BRIGHTON-HENRIETTA TOWNLINE RD
 ROCHESTER, NY 14623
 CALL: (585) 272-9170
 FAX: (585) 292-1262
 www.greaterliving.com

REVISIONS:

DATE	BY	DESCRIPTION

CLIENT/LOCATION:

SPEC HOUSE
 LOT 4 HAWKSTONE
 PITTSFORD

BUILDER:

KETMAR
 DEVELOPMENT CORP.

COVER PAGE

CLA PLAN 1908R2	
drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: C 1

WINDOWS: VUD SOLAR GAIN GLASS W/ ARGON
 U-FACTOR 0.30
 SHGC 0.54

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 ECCCNY.

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 RAKES & OVERHANGS ARE TO BE 1'-0" UNLESS NOTED OTHERWISE
 4/12 PITCH ROOFS OR SHALLOWER TO HAVE 2 LAYERS 15# FELT
 BUILDER TO PROVIDE ROOF OR RIDGE VENTS AS PER CODE- THE MINIMUM NET FREE VENTILATION AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE (SECT. R806.2)
 CONTRACTOR TO CONTACT THIS OFFICE PRIOR TO CONSTRUCTION IF THE ASSUMED GRADE DEPICTED IS INACCURATE AND / OR WILL ALTER THE DESIGN AND / OR STRUCTURE NOTED.
MECHANICAL VENTILATION RATE:
 THIS PLAN AS DESIGNED REQUIRES (MIN) 1 CONTINUOUSLY RUN EXHAUST FAN CAPABLE OF (MIN) 60 cfm 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)

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

DWELLING UNIT FLOOR AREA (square feet)	NUMBER OF BEDROOMS				
	0-1	2-3	4-5	6-7	> 7
< 1,500	30	45	60	75	90
1,501-3,000	45	60	75	90	105
3,001-4,500	60	75	90	105	120
4,501-6,000	75	90	105	120	135
6,001-7,500	90	105	120	135	150
> 7,500	105	120	135	150	165

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

TABLE M1505.4.3 (2)
 INTERMITTENT WHOLE-HOUSE MECHANICAL VENTILATION RATE FACTORS ^{a,b}

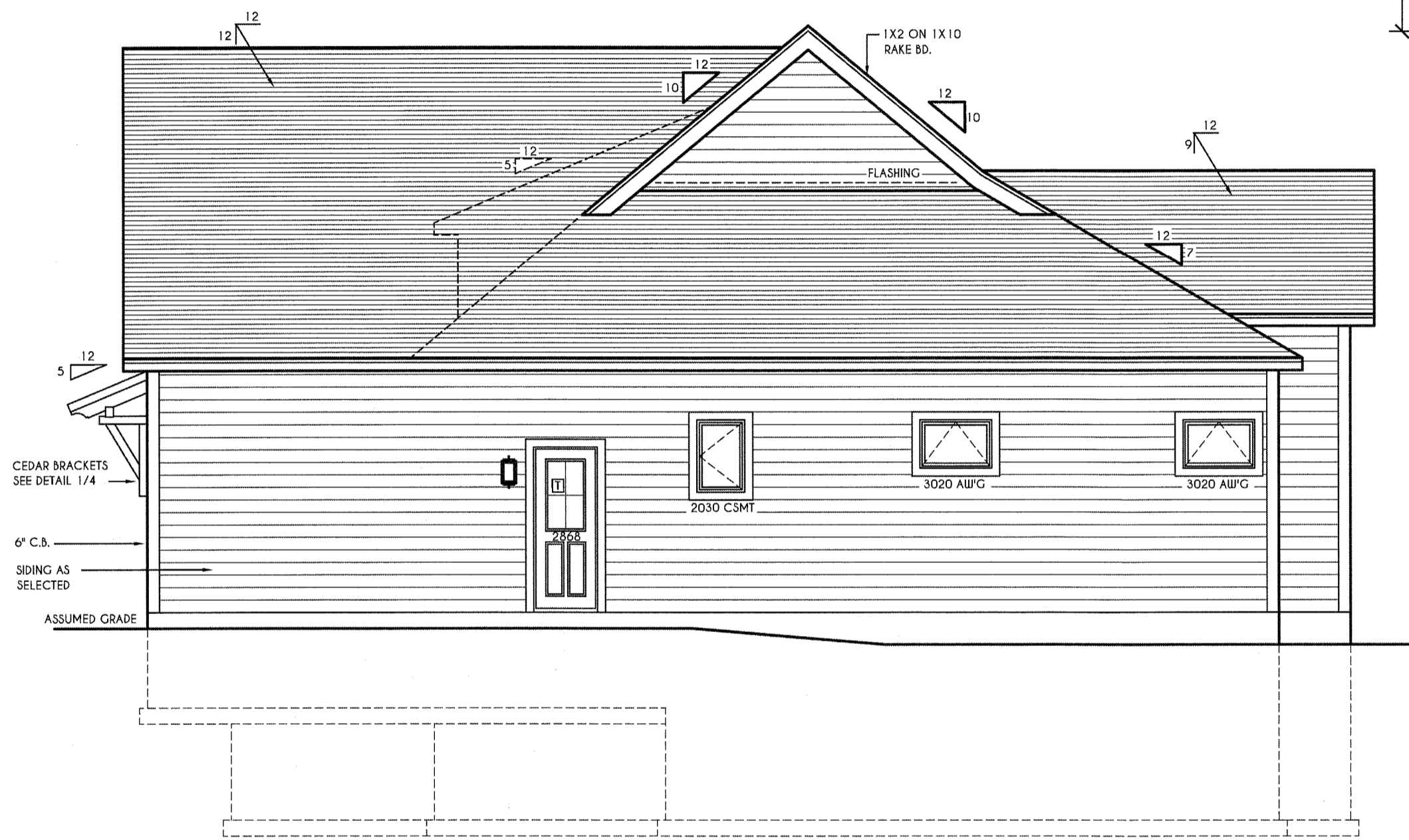
RUN-TIME PERCENTAGE IN EA. 4-HOUR SEGMENT	25%	33%	50%	66%	75%	100%
FACTOR ^a	4	3	2	1.5	1.3	1.0

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

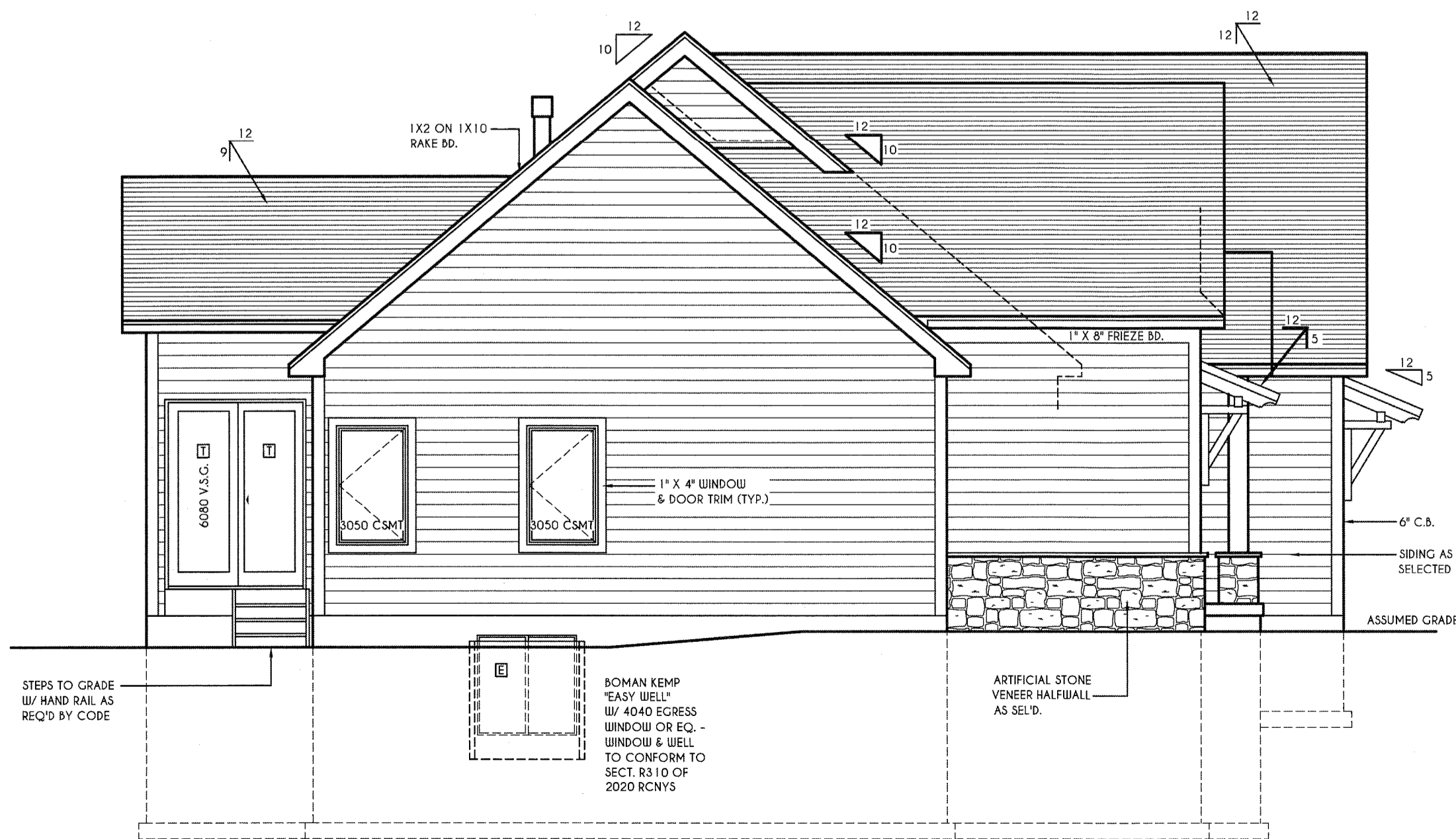
TABLE M1505.4.4
 MINIMUM REQUIRED LOCAL EXHAUST RATES FOR ONE AND TWO-FAMILY DWELLINGS

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

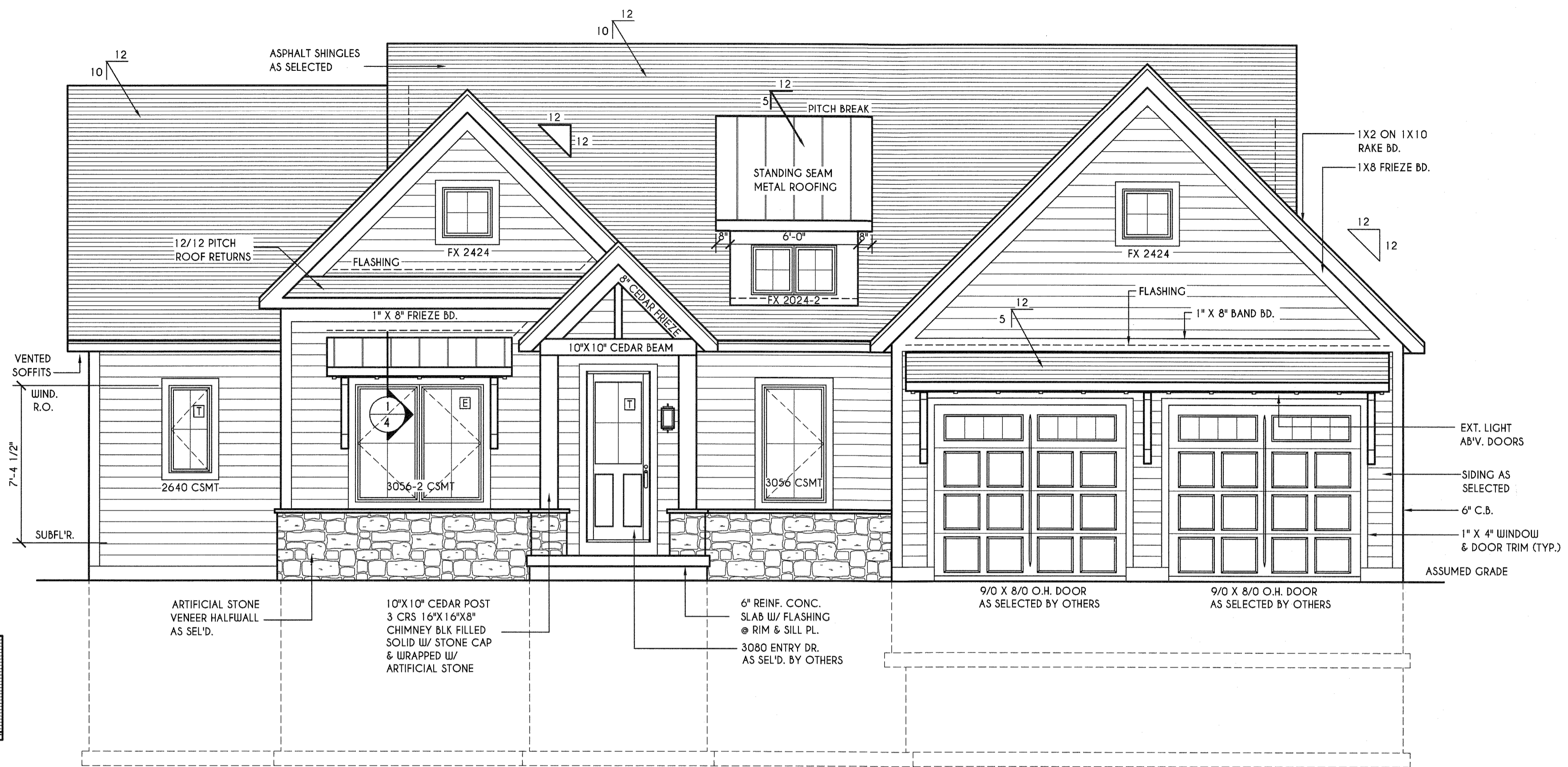
FOR SI: 1 CUBIC FT. PER MINUTE = 0.0004719 m³/s.



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

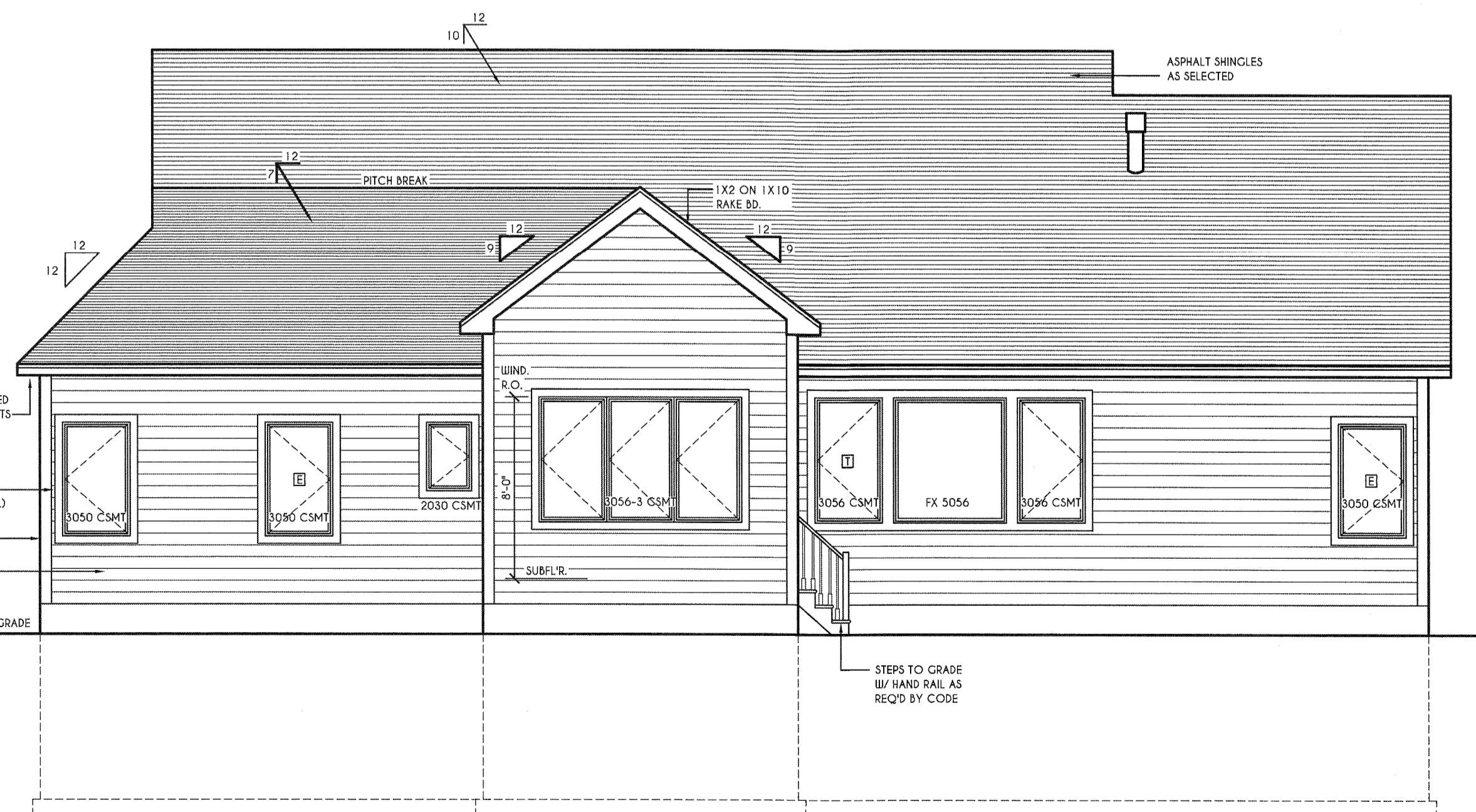


LEFT ELEVATION
 SCALE: 3/16" = 1'-0"



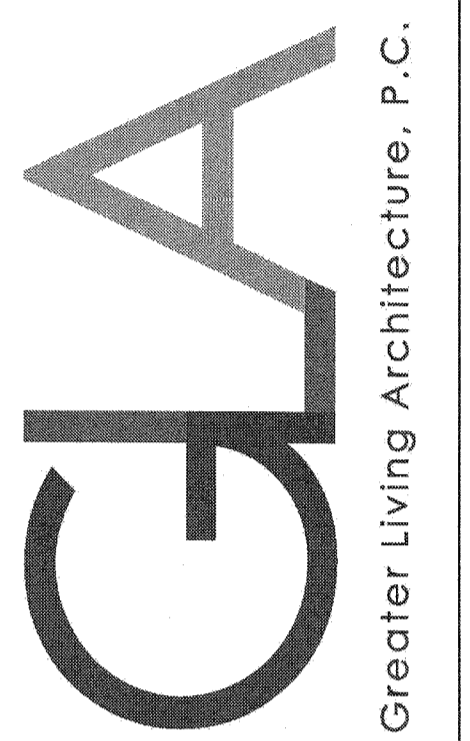
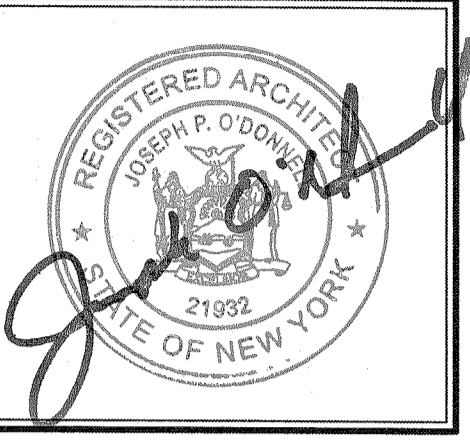
FRONT ELEVATION
 SCALE: 1/4" = 1'-0"

TOTAL LIVING AREA = 1908 SQ.FT.
 TOTAL CONDITIONED = 34,344 CU.FT.
 VOLUME



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

COPYRIGHT NOTICE:
 THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.
 UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209
 COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



3033 BRIGHTON-HENRIETTA
 TOWNLINE RD
 ROCHESTER, NY 14623
 CALL: (585) 272-9170
 FAX: (585) 292-1262
 www.greatliving.com

REVISIONS:

DATE	BY	DESCRIPTION

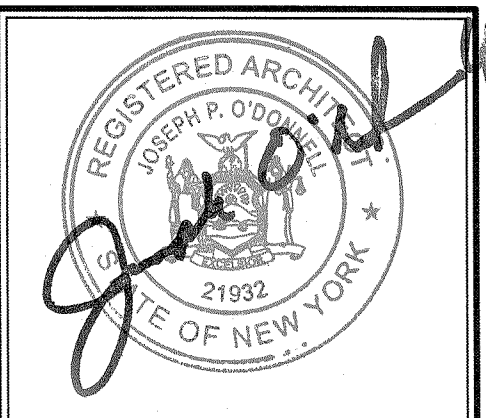
CLIENT/LOCATION:
 SPEC HOUSE
 LOT 4 HAWKSTONE
 PITTSFORD

BUILDER:
 KETMAR
 DEVELOPMENT CORP.

ELEVATIONS
 GLA PLAN 1908R2

drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: 1 4

COPYRIGHT NOTICE :
 THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.
 UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.
 COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



GLA
 Greater Living Architecture, P.C.

3033 BRIGHTON-HENRIETTA TOWNLINE RD
 ROCHESTER, NY 14623
 CALL: (585) 272-9170
 FAX: (585) 292-1262
 www.greaterliving.com

REVISIONS:

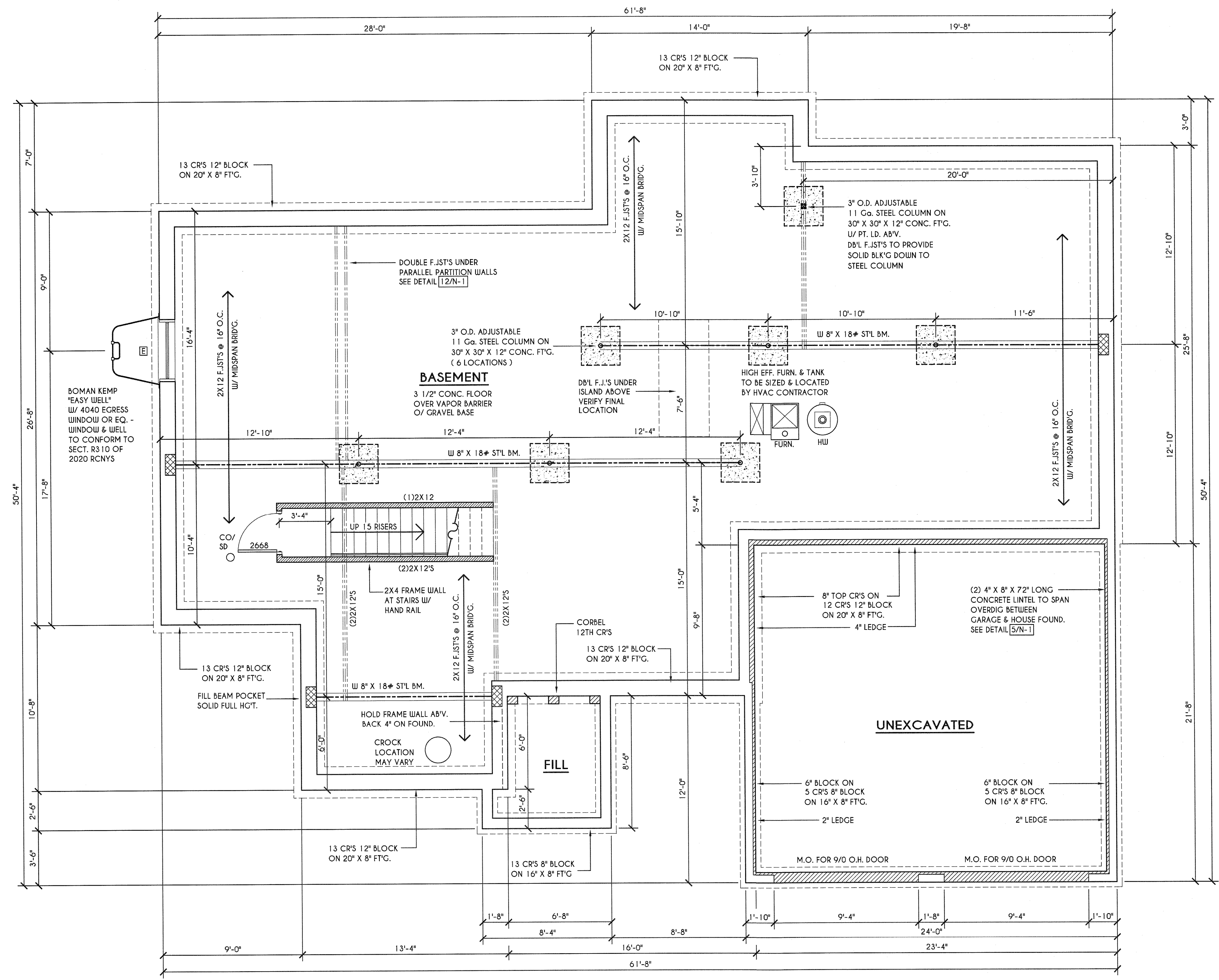
DATE	BY	DESCRIPTION

CLIENT/LOCATION:
 SPEC HOUSE
 LOT 4 HAUUKSTONE
 PITTSFORD

BUILDER:
 KETMAR
 DEVELOPMENT CORP.

FOUNDATION PLAN
 GLA PLAN 1908R2

drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: 2 4



BASEMENT & FOUNDATION PLAN

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

FRAMING LEGEND:

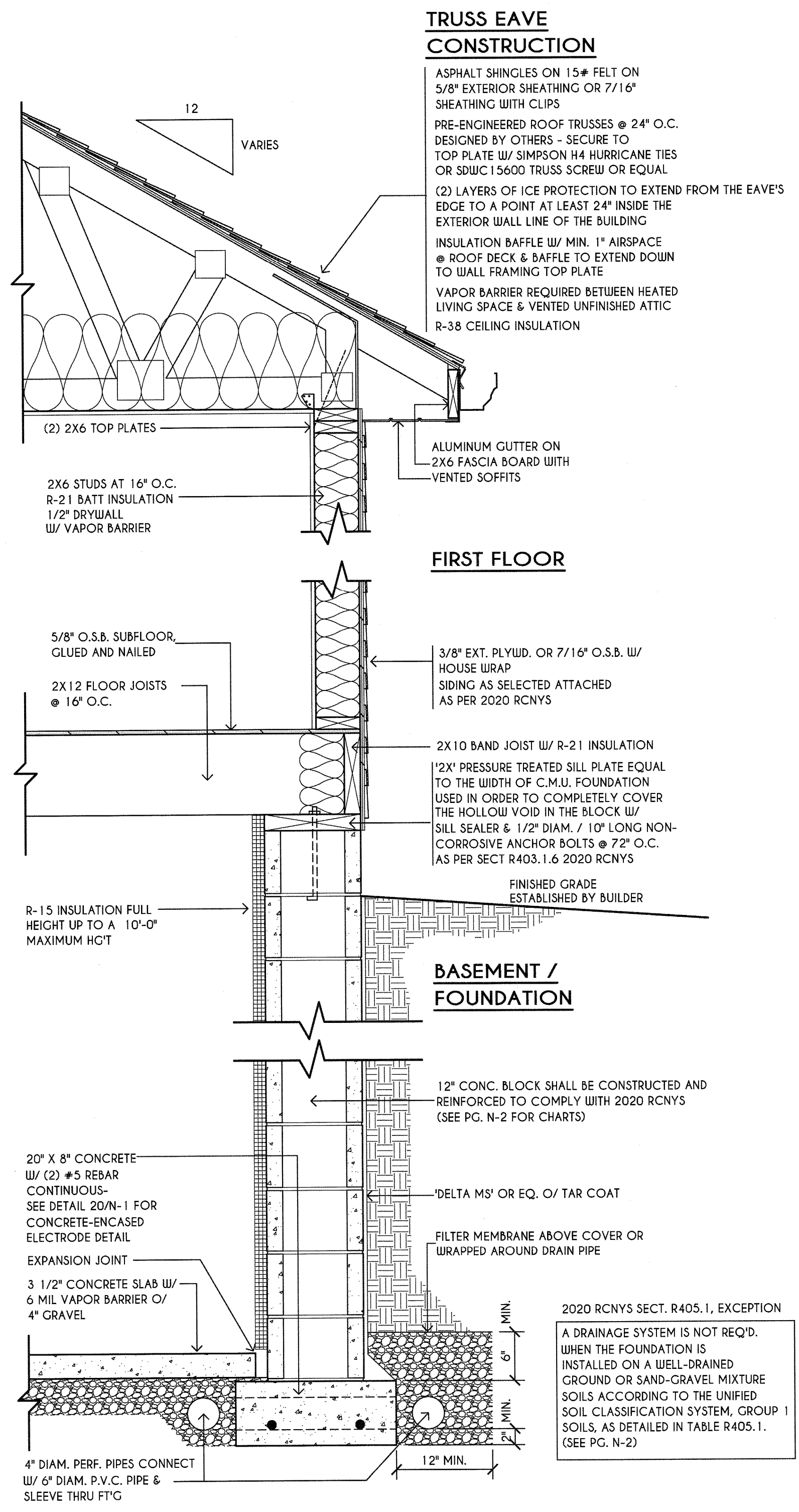
- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
- DROPPED HEADER
- FLUSH HEADER
- 2X4 STUDS @ 16" O.C.
- 2X6 STUDS @ 16" O.C.

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. HGTS TO BE 6'-10" 1/2" U.N.O.
 WHERE EMERGENCY ESCAPE & RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44" ABOVE FLOOR. THE MIN. HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQ. FT. WITH A MINIMUM HORIZONTAL PROJECTION & WIDTH OF 36".
 PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS DOWN TO FOUNDATION WALL AND / OR BEAMS PROVIDE 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 10' OF ALL SLEEPING AREAS
 REINFORCE FOUNDATION WALLS AS PER 2020 RCNYS. SEE PG. N-2 FOR REINFORCING CHARTS
 SEE CONCRETE-ENCASED ELECTRODE DETAIL 19/N-1

WINDOW / DOOR LEGEND:

- = 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



TYPICAL WALL SECTION

SCALE: 1" = 1'-0"

TRUSS EAVE CONSTRUCTION

ASPHALT SHINGLES ON 15# FELT ON 5/8" EXTERIOR SHEATHING OR 7/16" SHEATHING WITH CLIPS
 PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. DESIGNED BY OTHERS - SECURE TO TOP PLATE W/ SIMPSON H4 HURRICANE TIES OR SDWC 15000 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

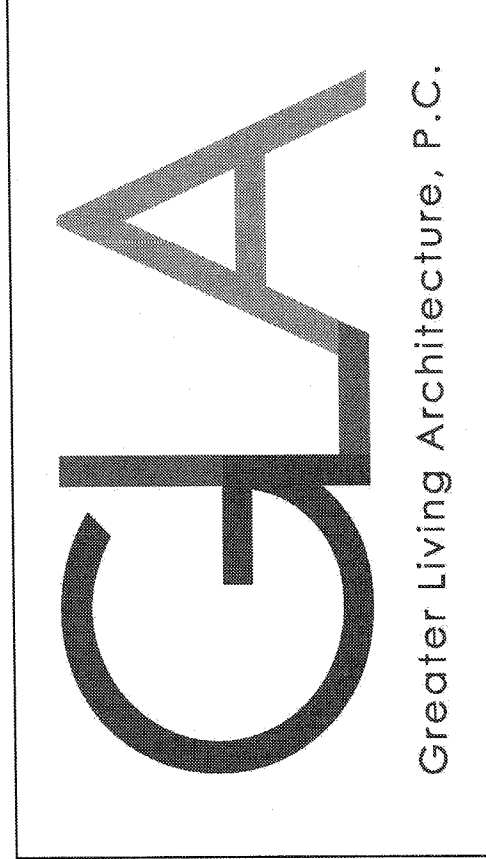
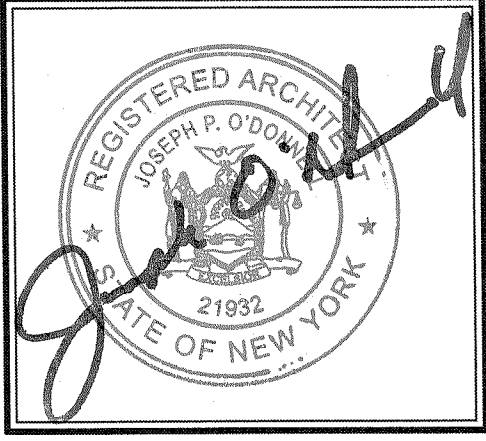
FIRST FLOOR

5/8" O.S.B. SUBFLOOR, GLUED AND NAILED
 2X12 FLOOR JOISTS @ 16" O.C.
 3/8" EXT. PLYWD. OR 7/16" O.S.B. W/ HOUSE WRAP SIDING AS SELECTED ATTACHED AS PER 2020 RCNYS
 2X10 BAND JOIST W/ R-21 INSULATION
 12"X 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 @ 2' O.C. AS PER SECT R403.1.6 2020 RCNYS
 FINISHED GRADE ESTABLISHED BY BUILDER

BASEMENT / FOUNDATION

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
 FILTER MEMBRANE ABOVE COVER OR WRAPPED AROUND DRAIN PIPE
 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)

COPYRIGHT NOTICE:
 THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS. UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209. COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



3033 BRIGHTON-HENRIETTA TOWNLINE RD
 ROCHESTER, NY 14623
 CALL: (585) 272-9170
 FAX: (585) 292-1262
 www.greaterliving.com

REVISIONS:

DATE	BY	DESCRIPTION

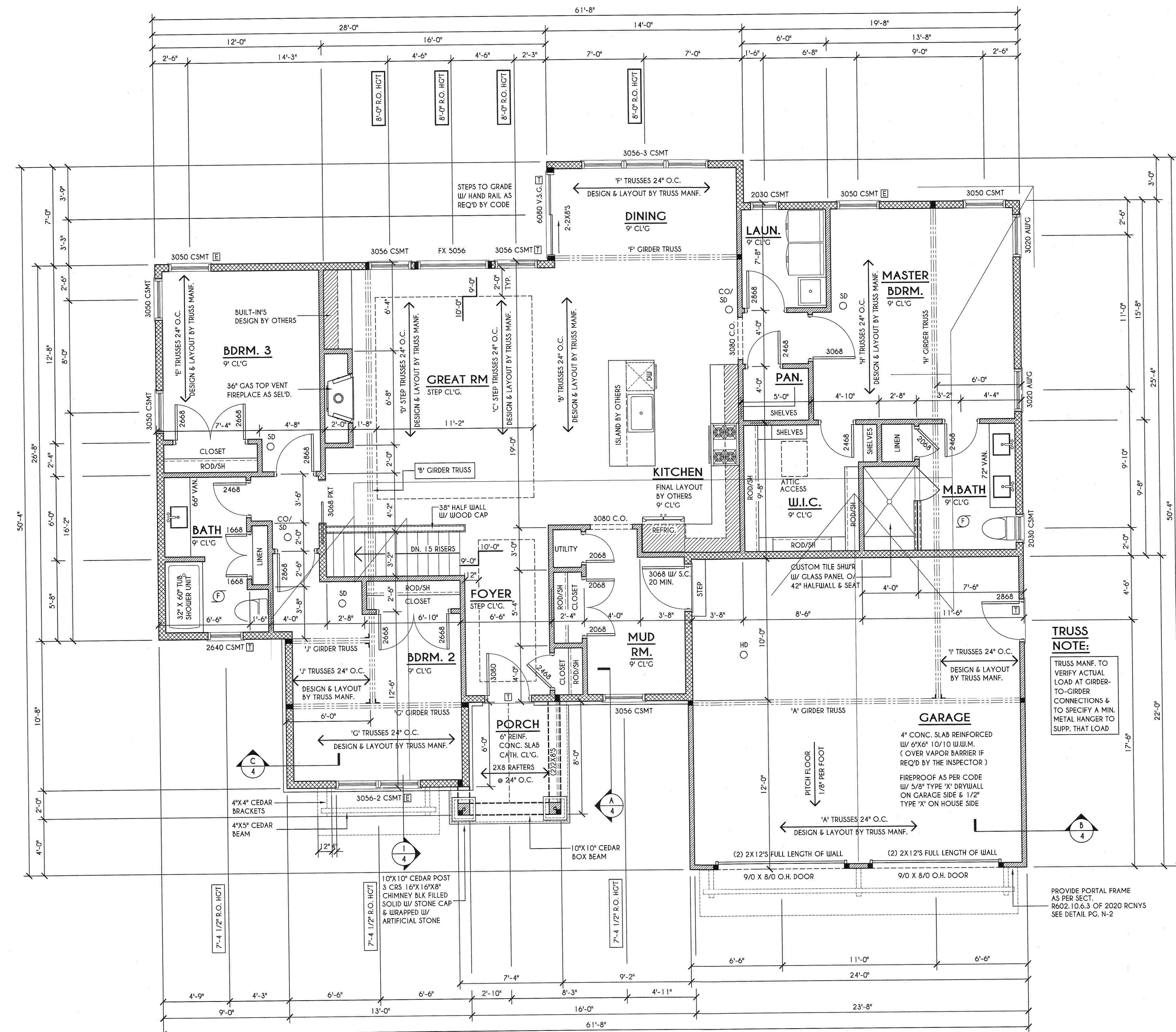
CLIENT/LOCATION:
 SPEC HOUSE
 LOT 4 HAWKSTONE
 PITTSFORD

BUILDER:
 KETMAR
 DEVELOPMENT CORP.

FIRST FLOOR PLAN

GLA PLAN 1908R2

drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: 3 4



TRUSS NOTE:

TRUSS MANF. TO VERIFY ACTUAL LOAD AT GIRDER-TO-GIRDER CONNECTIONS & TO SPECIFY A MIN. METAL HANGER TO SUPP. THAT LOAD

PROVIDE PORTAL FRAME AS PER SECT. R602.10.6.3 OF 2020 RCNYS SEE DETAIL PG. N-2

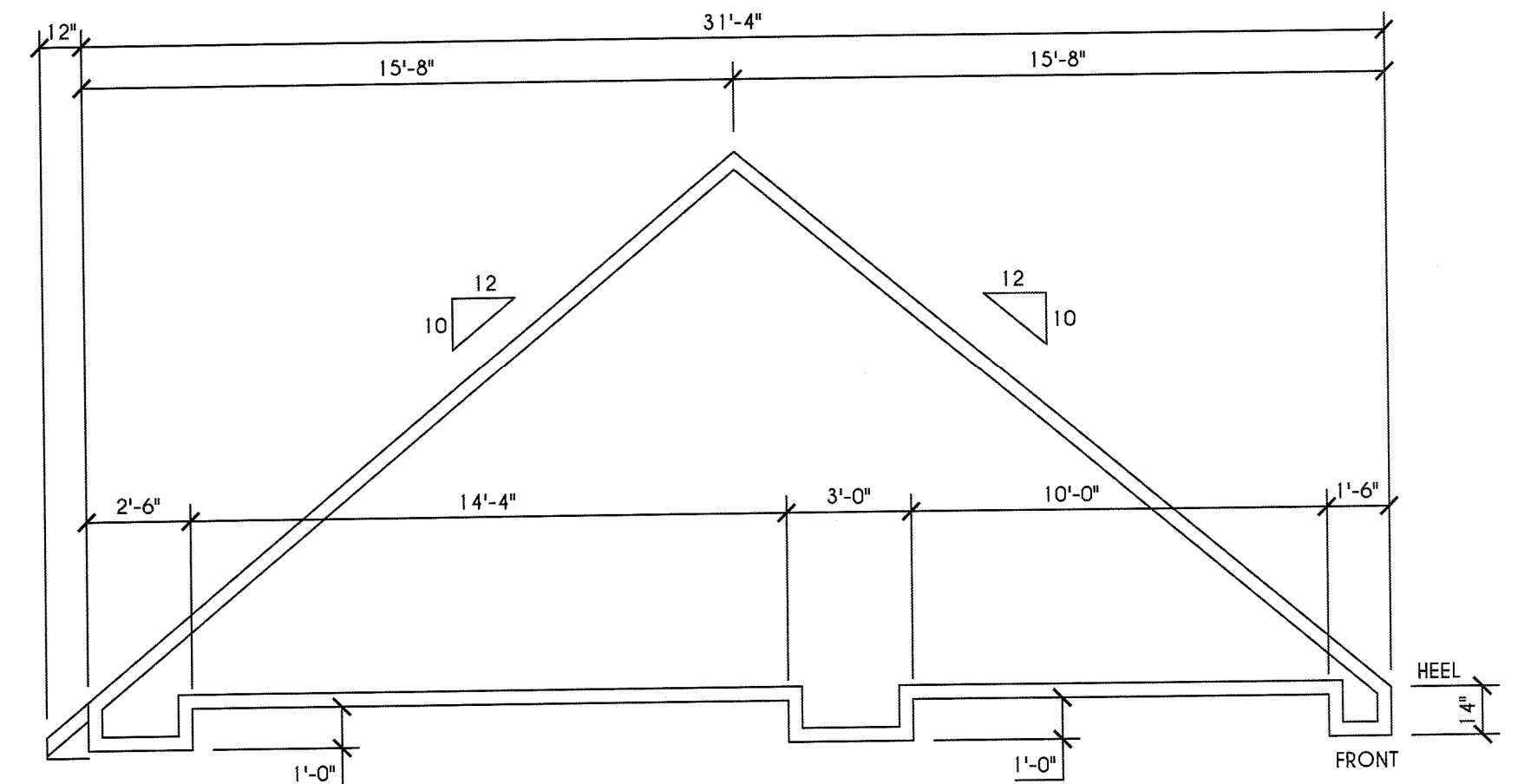
FIRST FLOOR PLAN

1908 SQ. FT.
 SCALE: 1/4" = 1'-0"

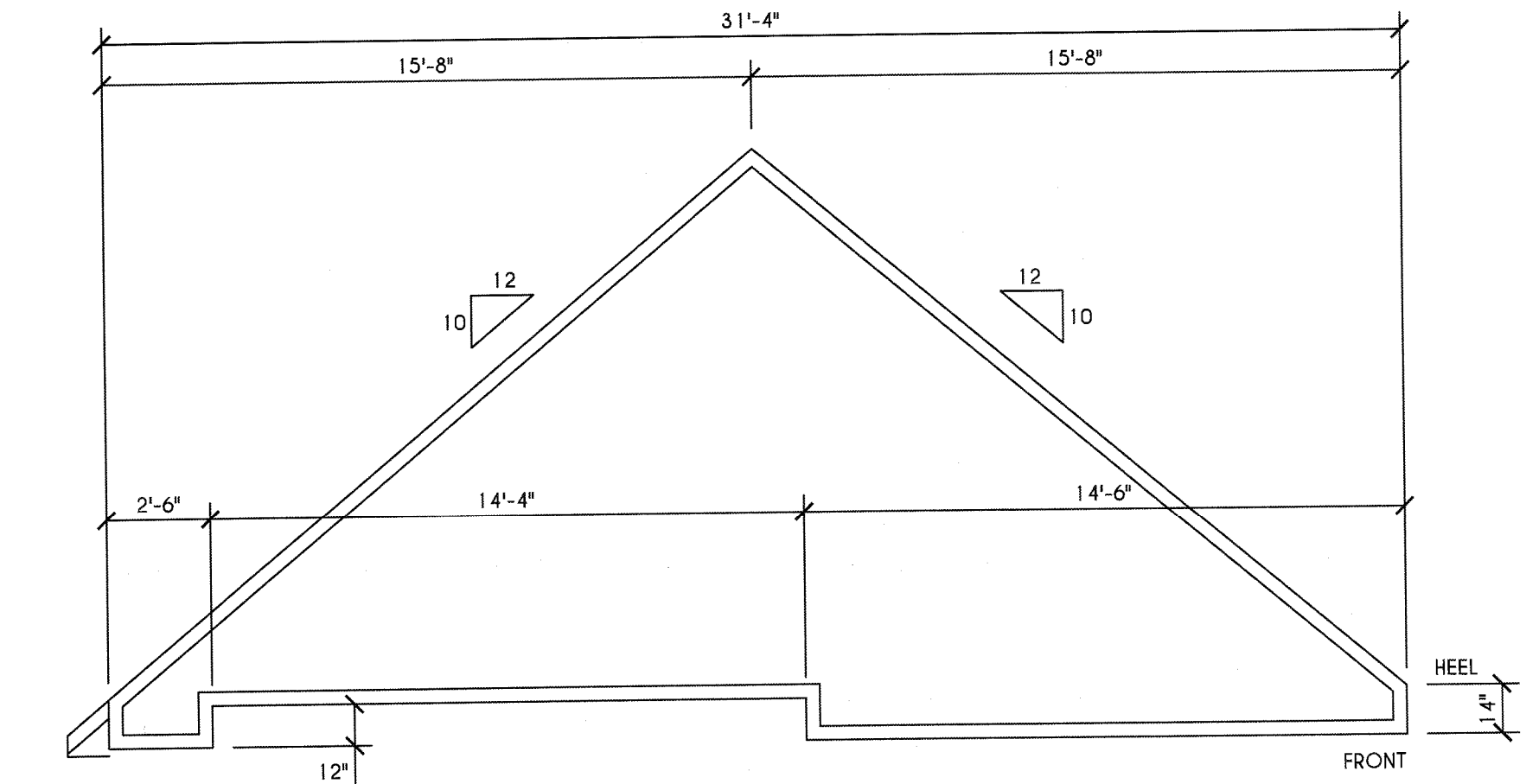
- FRAMING LEGEND:**
- PROVIDE SOLID POSTING- GLUED & NAILED, EQUAL TO THE # OF HEADERS TO BE SUPPORTED- UNLESS NOTED OTHERWISE
 - DROPPED HEADER
 - FLUSH HEADER
 - 2X4 STUDS @ 16" O.C.
 - 2X6 STUDS @ 16" O.C.

- GENERAL FIRST FLOOR PLAN NOTES:**
- FIRST FLOOR PLATE HOT TO BE 9'-1 1/8" (UNLESS NOTED OTHERWISE)
 ALL WINDOW R.O. HGTS 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. R314.4 OF 2020 RCNYS
 CARBON MONOXIDE ALARMS SHALL BE INSTALLED AS PER SECT. 9.15.33 FCNYS & BE WITHIN 10' OF ALL SLEEPING AREAS
 IF AN AUTOMATIC GARAGE DOOR OPENER IS PROVIDED, IT SHALL BE LISTED IN ACCORDANCE W/ UL 325
 THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWER OR TUBS.

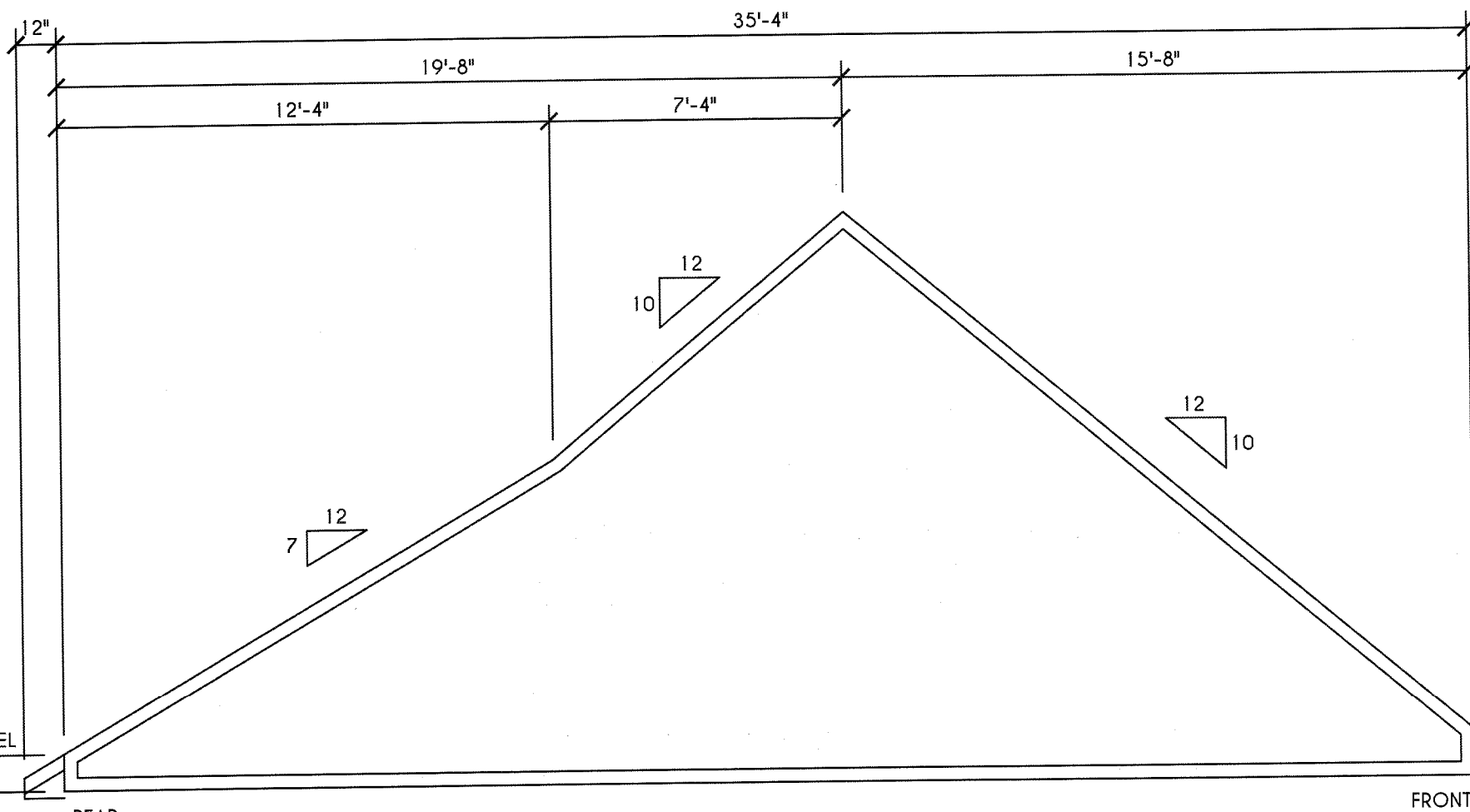
- WINDOW / DOOR LEGEND:**
- MEETS OR EXCEEDS EGRESS REQUIREMENTS - CLEAR OPENING AREA OF 5.7 SQ.FT. - CLEAR OPENING WIDTH OF 20" - CLEAR OPENING HEIGHT OF 24" PER SECT. R310.2.1 OF 2020 RCNYS
 - SPECIFIES THAT THIS FIXED OR OPERABLE UNIT REQUIRES SAFETY GLAZING PER SECT. R308.4 OF 2020 RCNYS
 - SPECIFIES THAT THIS OPERABLE WINDOW UNIT REQUIRES FACTORY APPLIED FALL PROTECTION PER SECT. R312.2 OF 2020 RCNYS



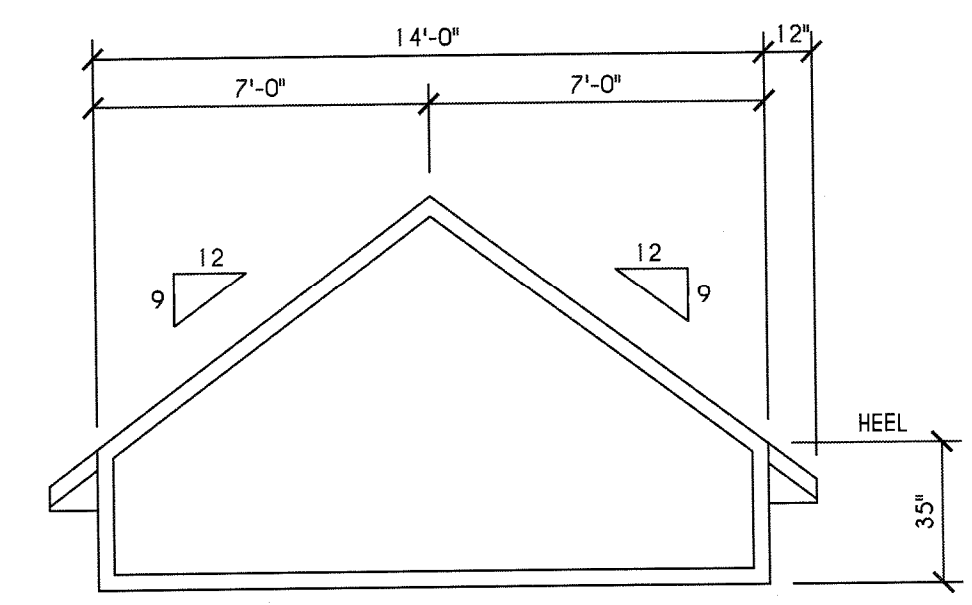
'C' STEP TRUSS PROFILE
 SCALE: 1/4" = 1'-0"



'D' STEP TRUSS PROFILE
 SCALE: 1/4" = 1'-0"

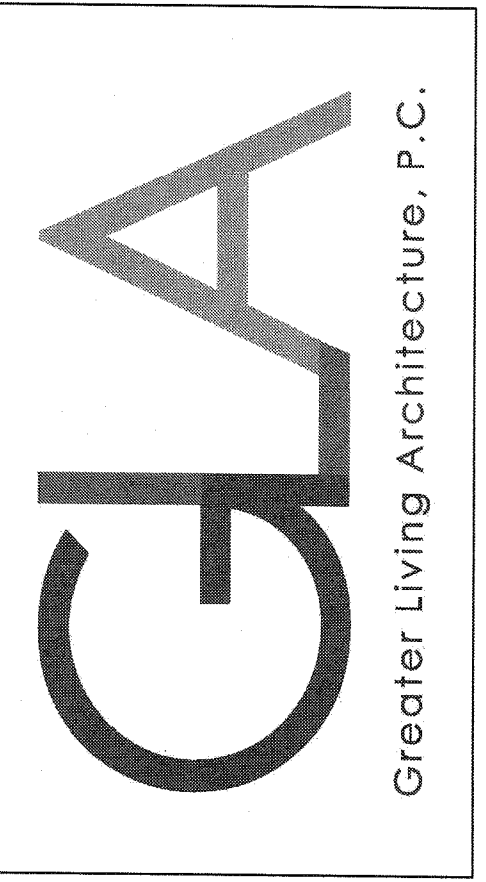
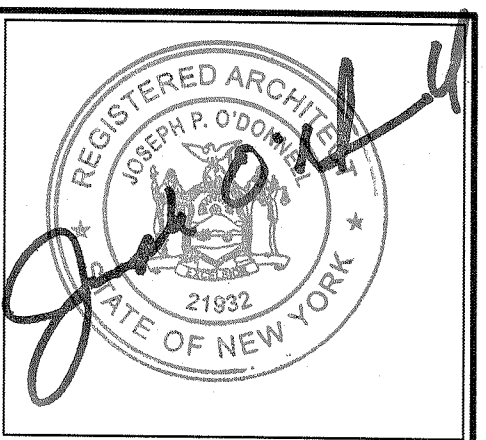


'H' TRUSS PROFILE
 SCALE: 1/4" = 1'-0"



'F' TRUSS PROFILE
 SCALE: 1/4" = 1'-0"

COPYRIGHT NOTICE :
 THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.
 UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209.
 COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



3033 BRIGHTON-HENRIETTA TOWNLINE RD
 ROCHESTER, NY 14623
 CALL: (585) 272-9170
 FAX: (585) 292-1262
 www.greatliving.com

REVISIONS:

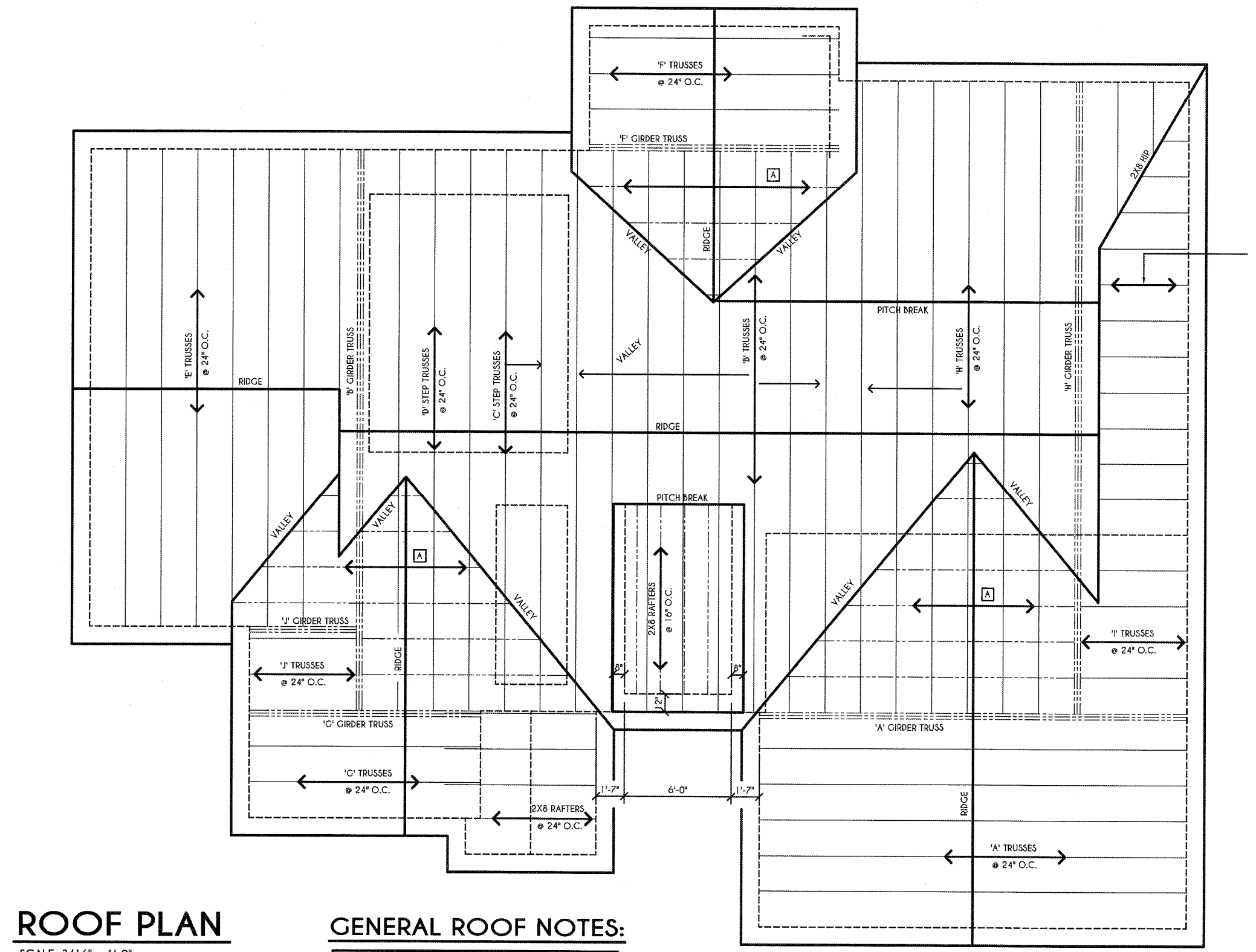
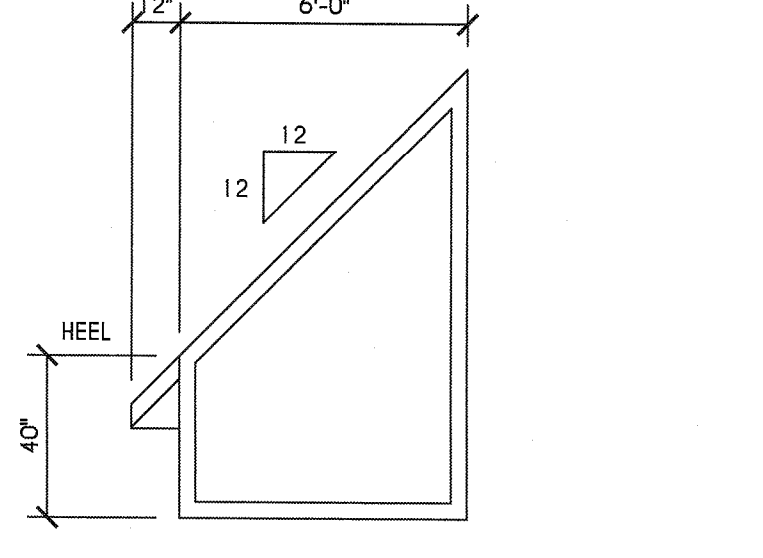
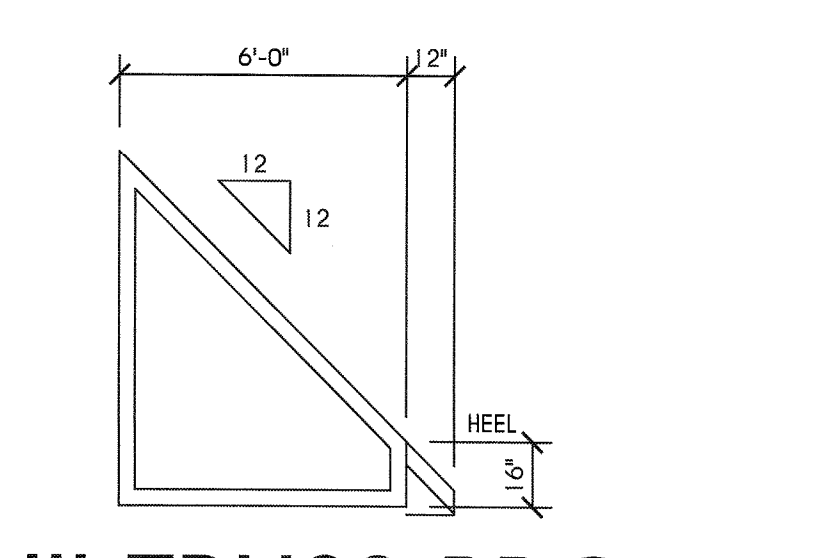
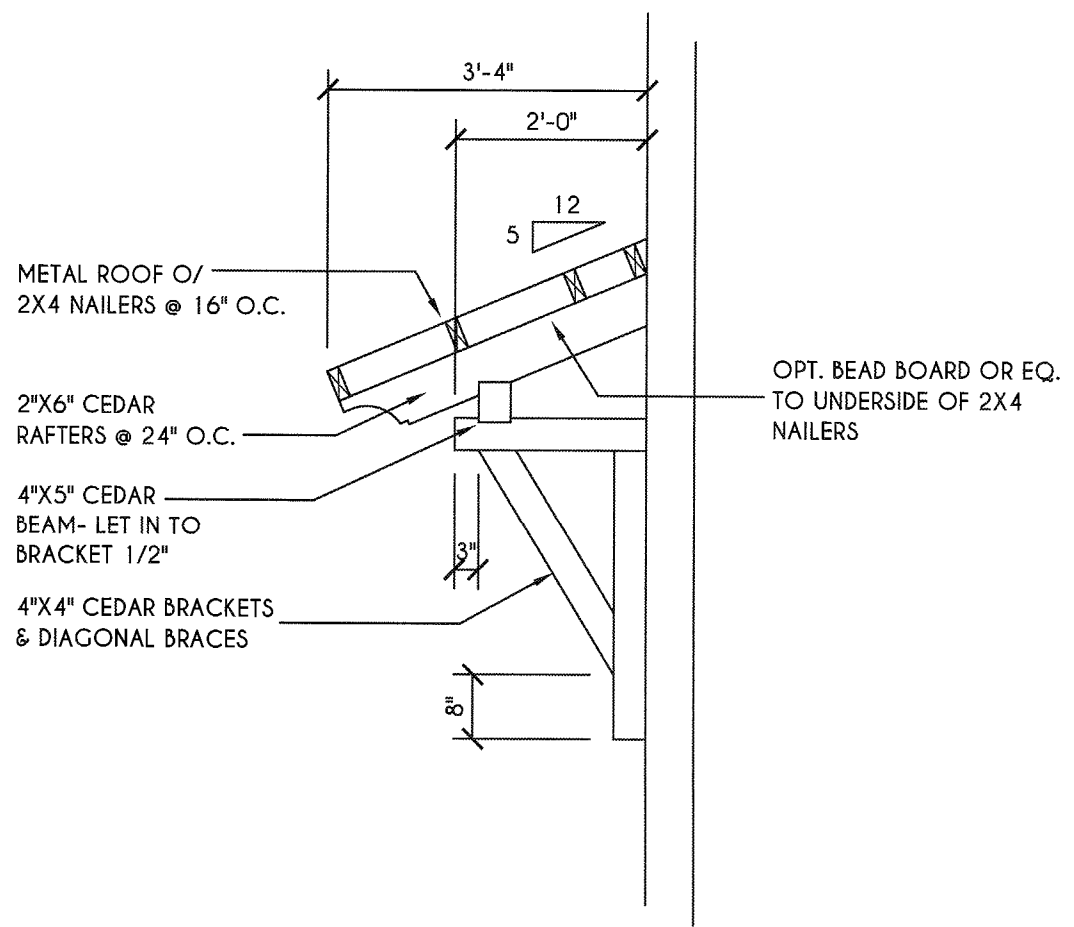
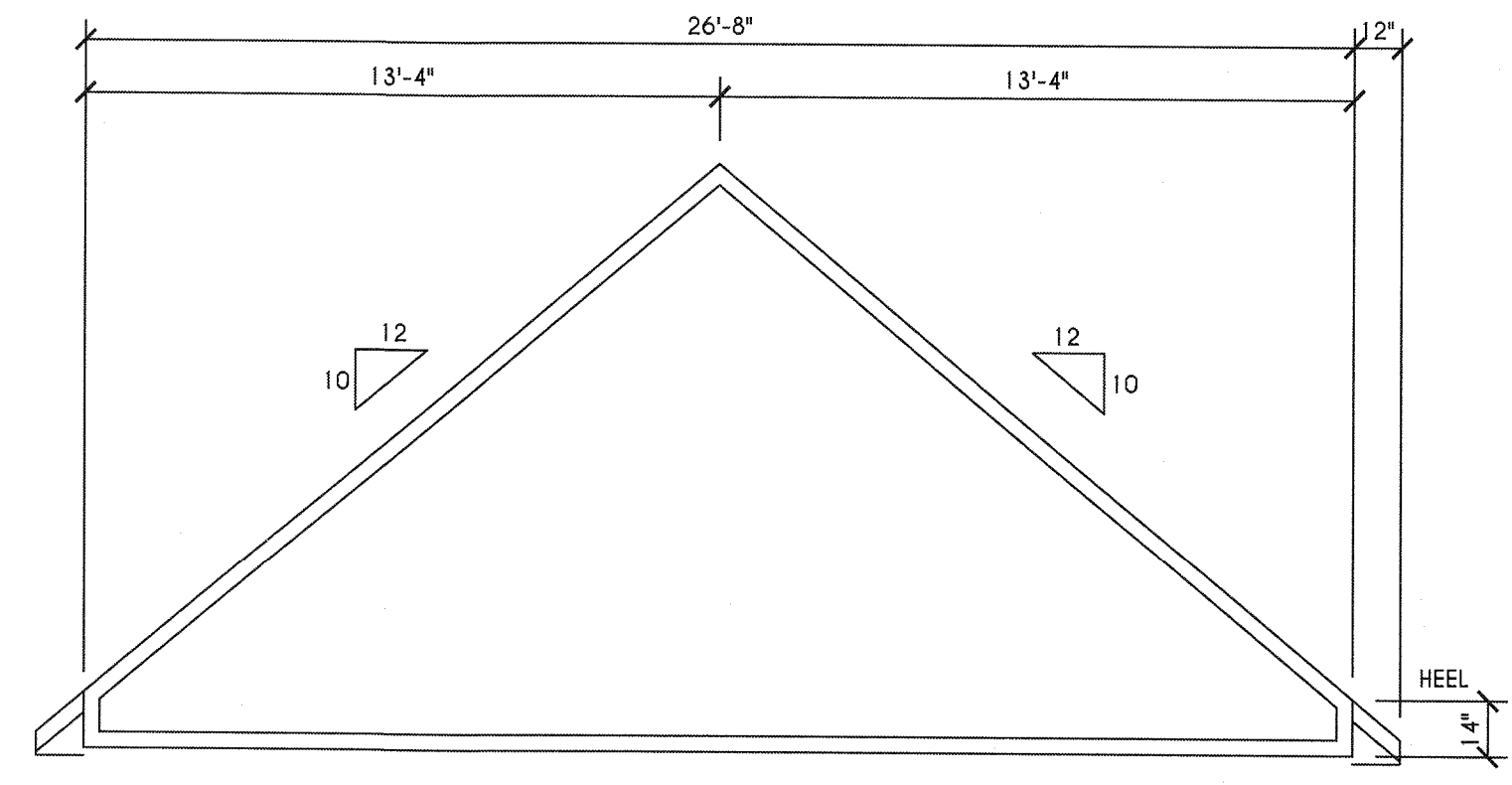
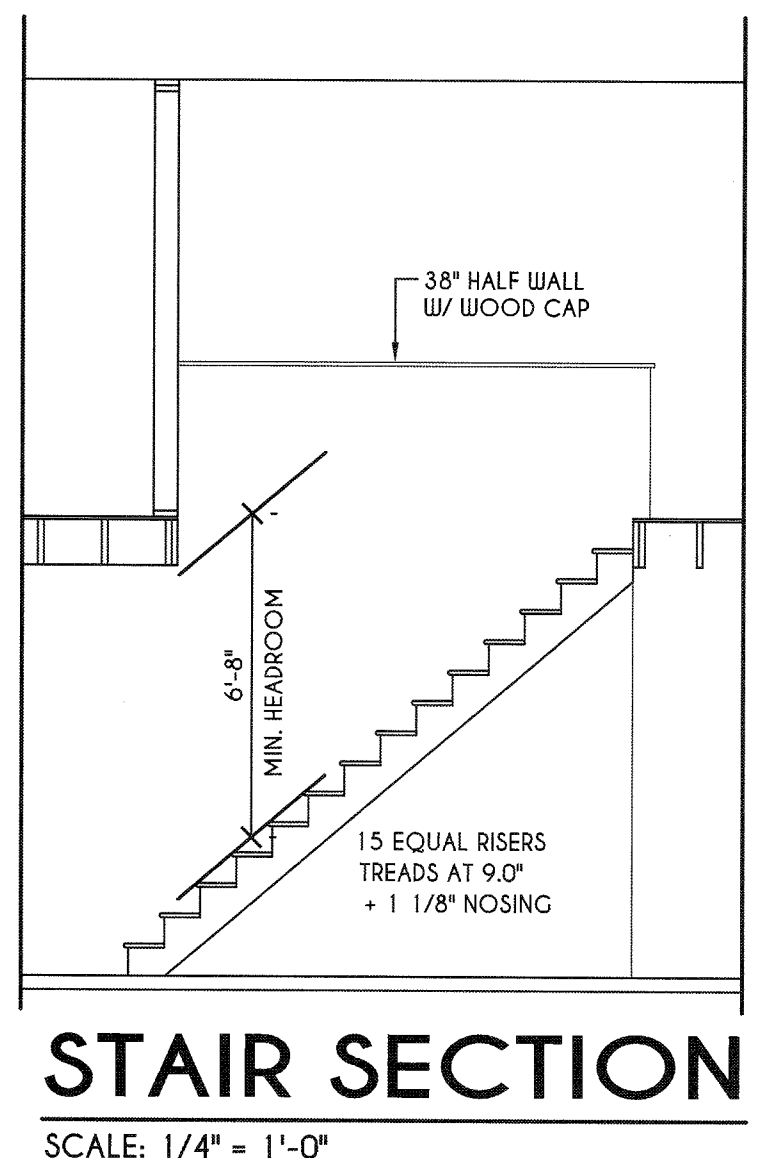
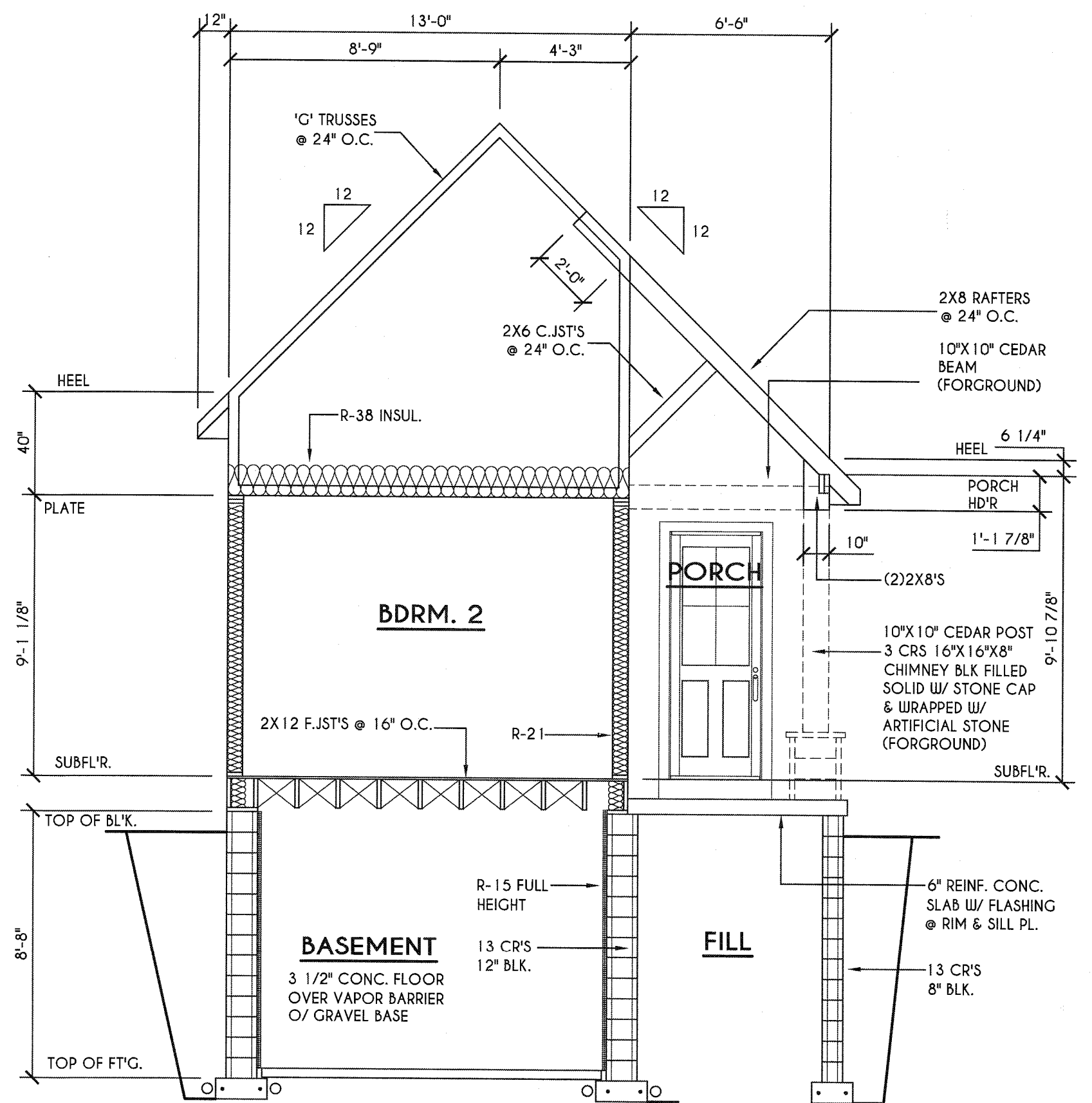
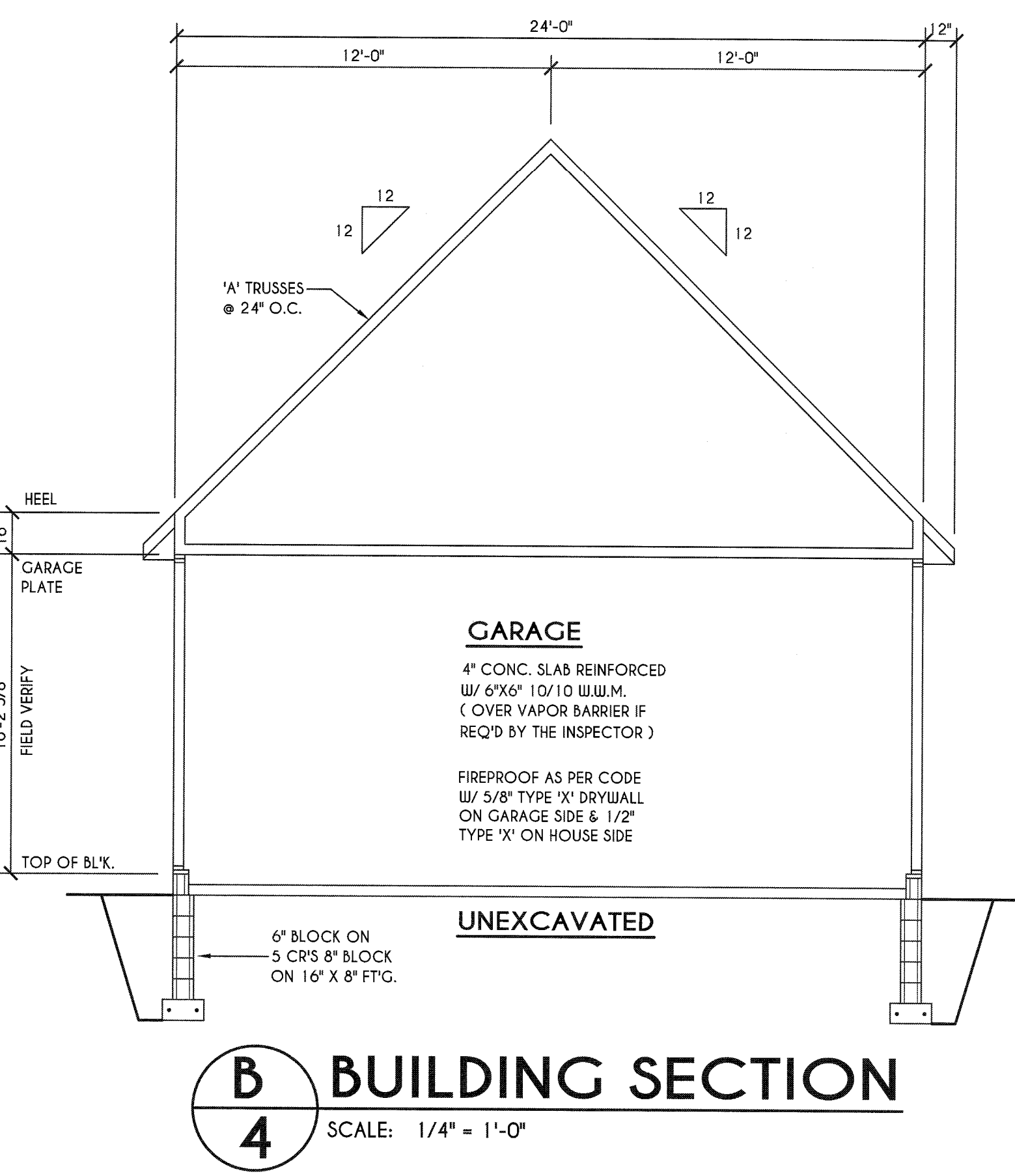
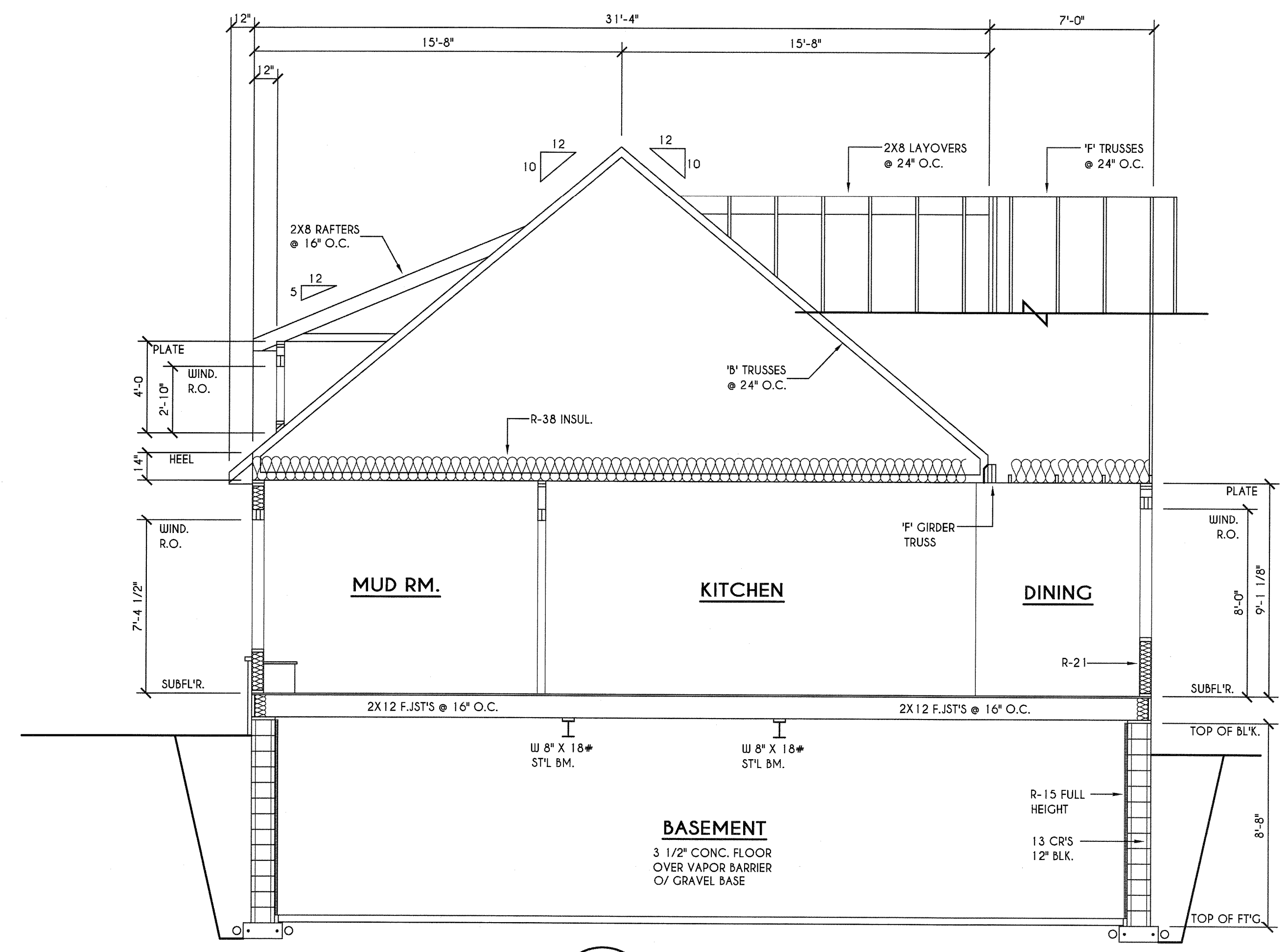
DATE	BY	DESCRIPTION

CLIENT/LOCATION:
 SPEC HOUSE
 LOT 4 HAWKSTONE
 PITTSFORD

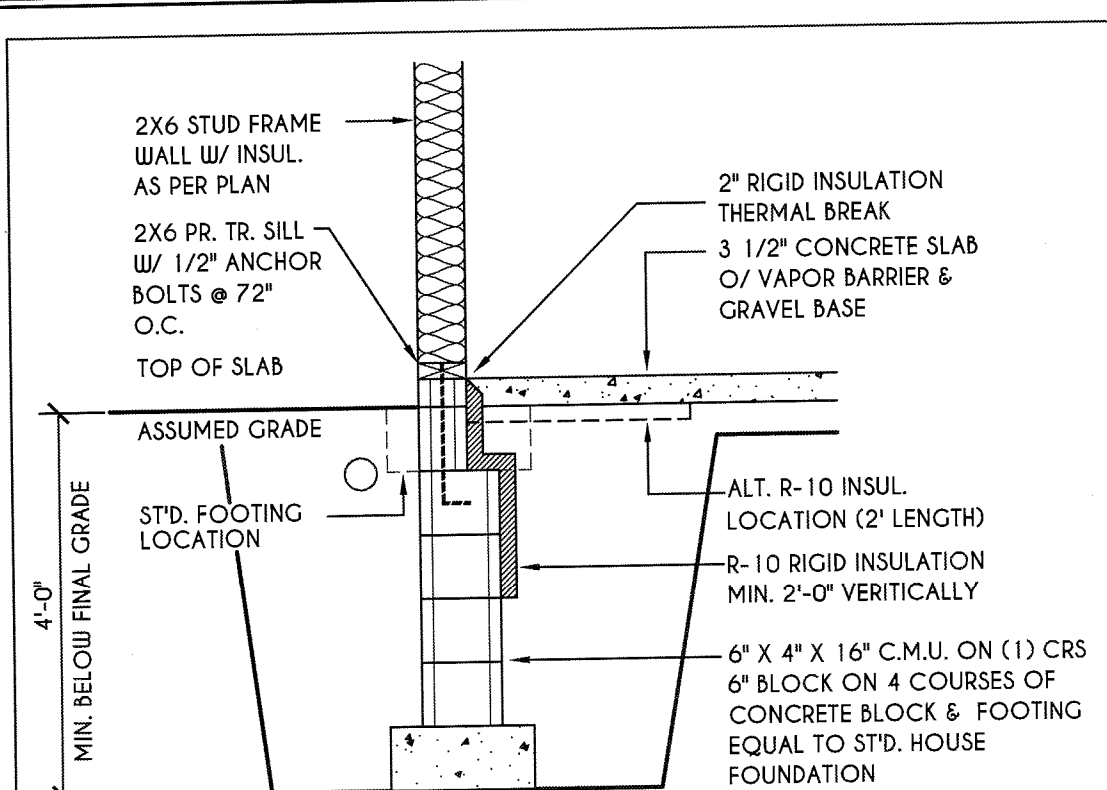
BUILDER:
 KETMAR
 DEVELOPMENT CORP.

SECTIONS
 GLA PLAN 1908R2

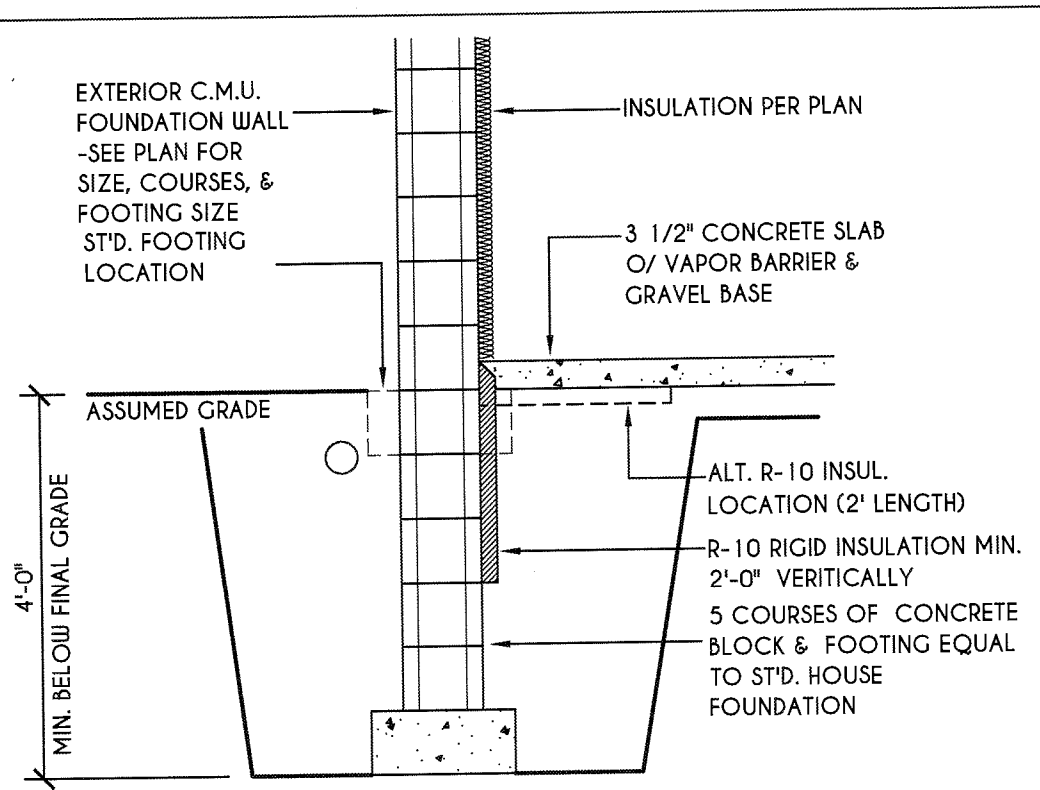
drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: 4



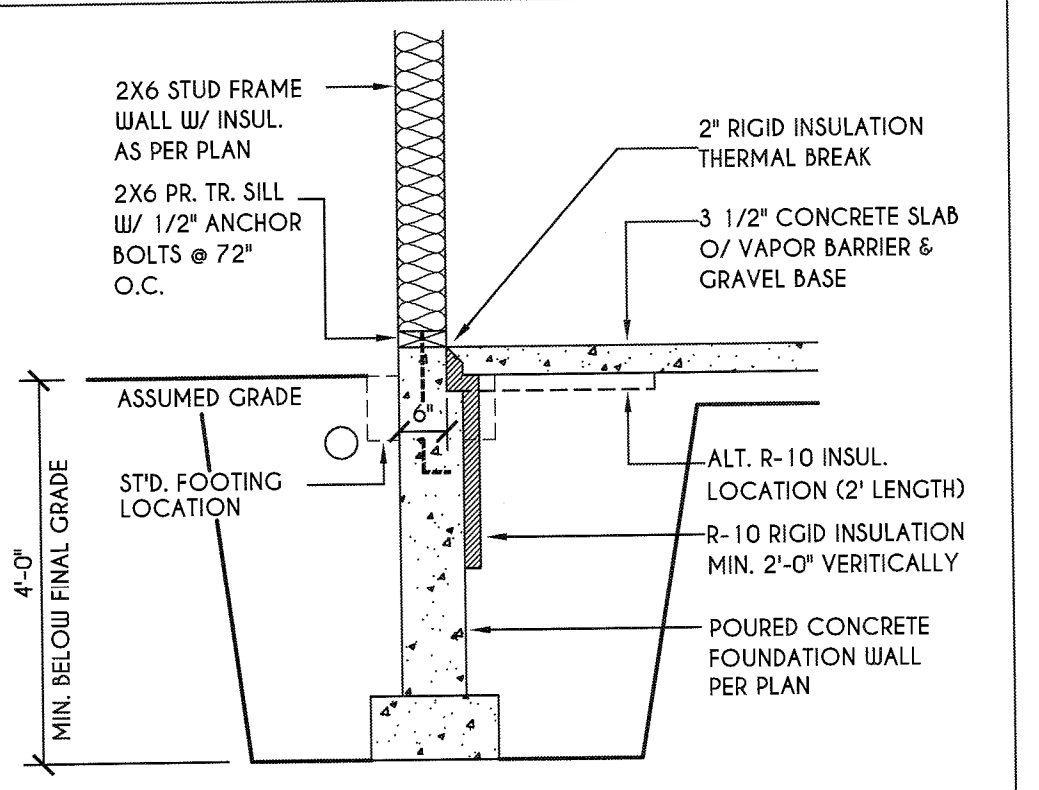
GENERAL ROOF NOTES:
 ALL RAKES & OVERHANGS ARE TO BE 1'-0" UNLESS NOTED OTHERWISE
 ALL NON-STRUCTURAL VALLEYS TO HAVE 2X12 SLEEPER ATTACHED TO PLYWOOD ROOF SHEATHING
 THIS FRAMING DIAGRAM IS INTENDED TO BE SCHEMATIC AND POSITION OF MEMBERS MAY BE ALTERED TO SUIT ACTUAL FIELD CONDITIONS
 4/12 PITCH ROOFS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



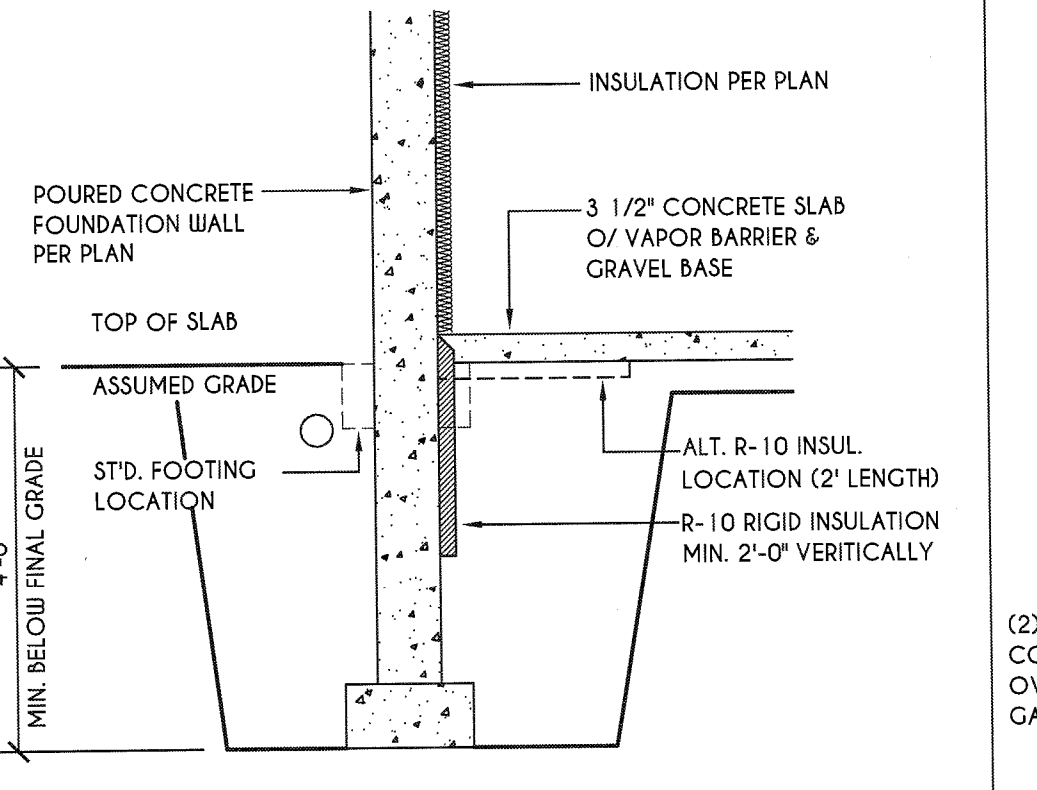
1
N-1
2X6 FRAME WALL ON C.M.U. WALK OUT DETAIL
SCALE: 1/2" = 1'-0"



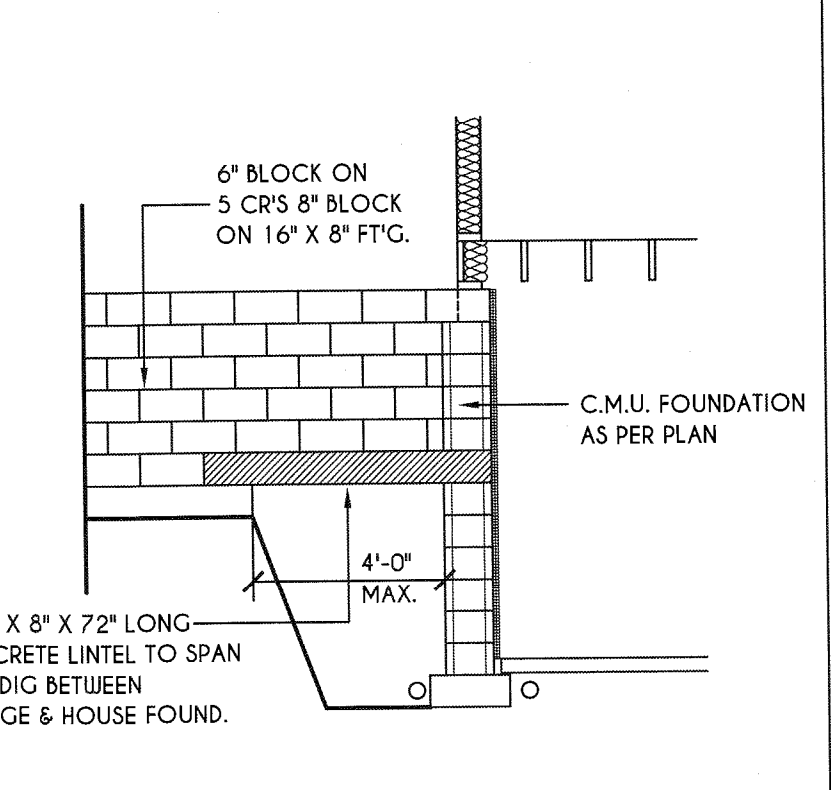
2
N-1
C.M.U. WALK OUT DETAIL
SCALE: 1/2" = 1'-0"



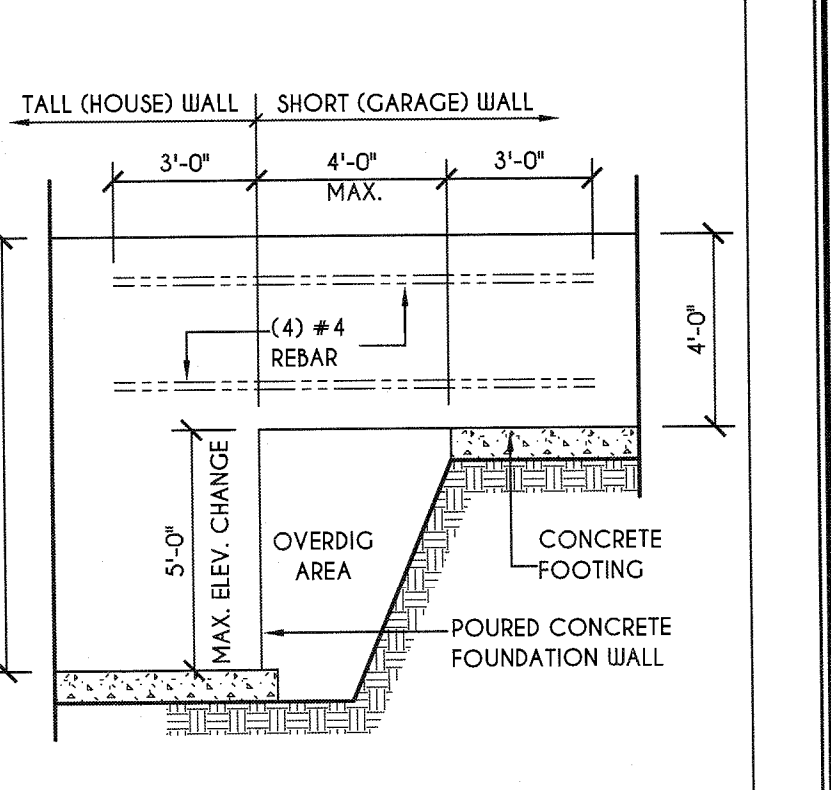
3
N-1
2X6 FRAME WALL ON POURED CONC. WALK OUT DETAIL
SCALE: 1/2" = 1'-0"



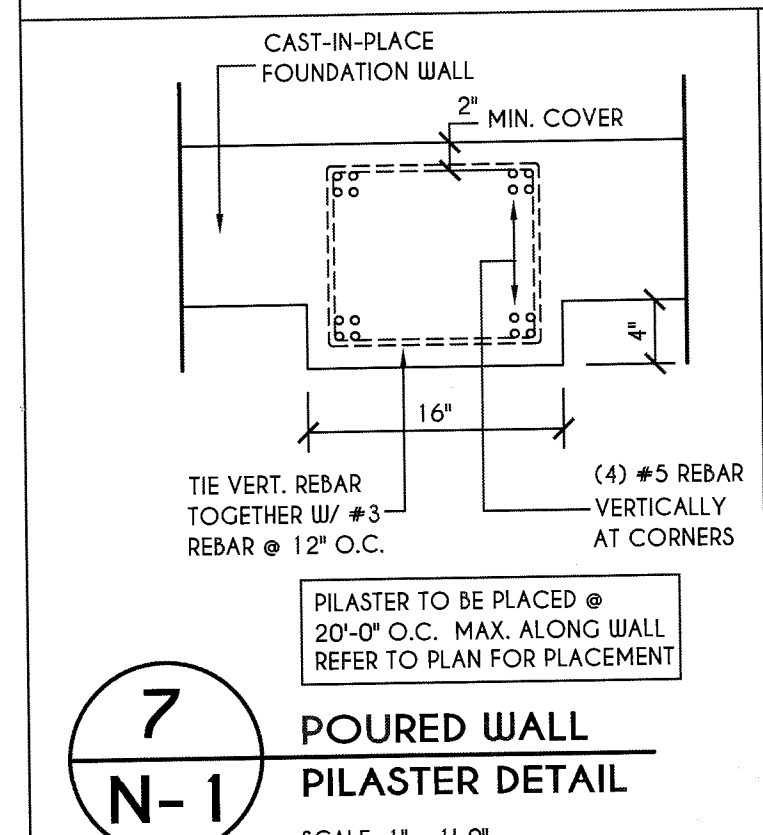
4
N-1
POURED CONC. WALK OUT DETAIL
SCALE: 1/2" = 1'-0"



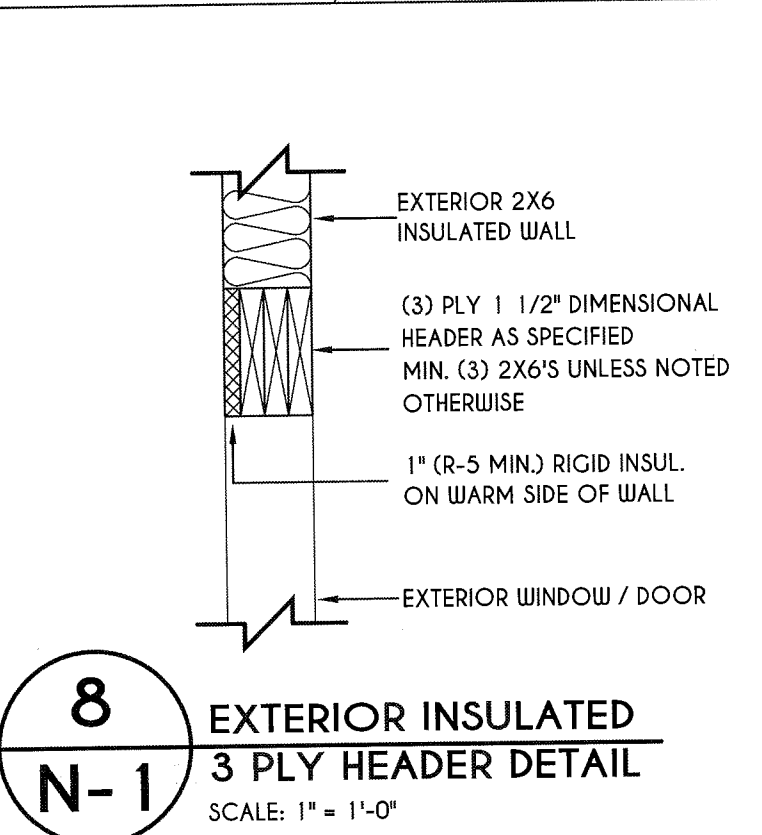
5
N-1
C.M.U. JUMP FOOTING DETAIL
SCALE: 1/4" = 1'-0"



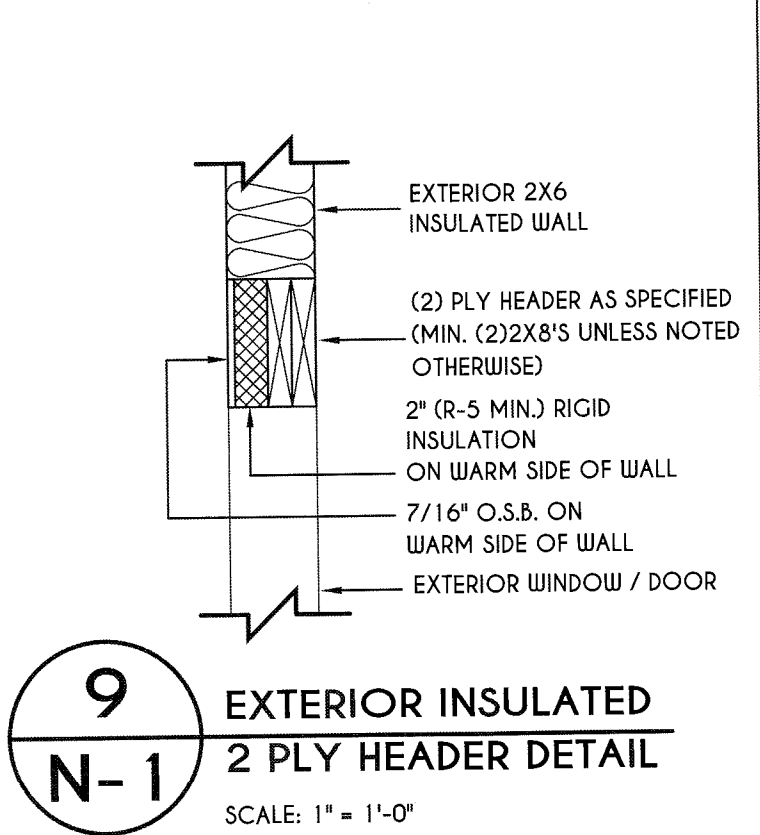
6
N-1
POURED WALL JUMP FOOTING DETAIL
SCALE: 1/4" = 1'-0"



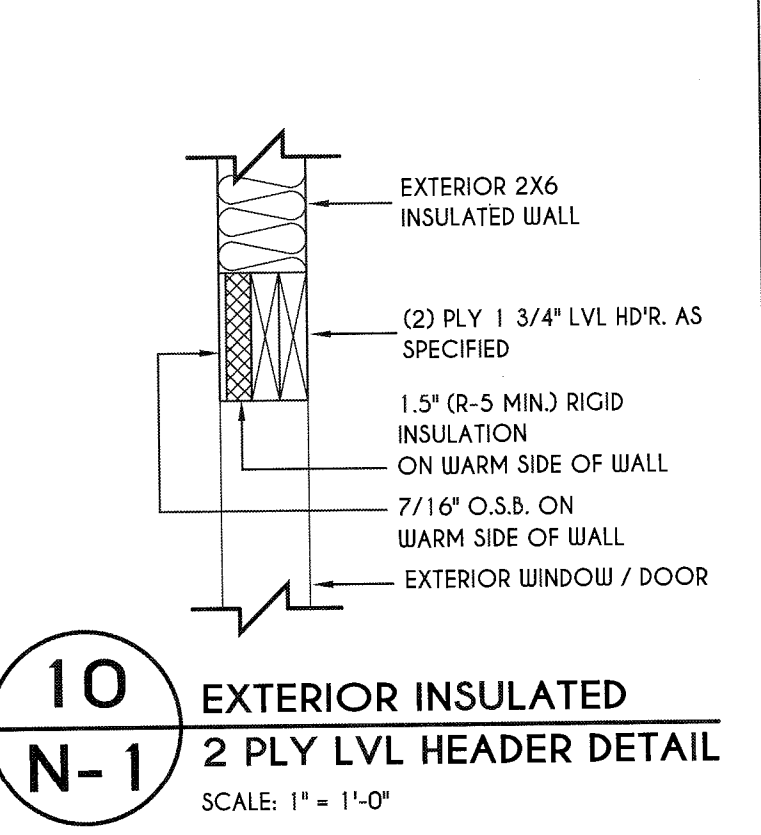
7
N-1
POURED WALL PILASTER DETAIL
SCALE: 1" = 1'-0"



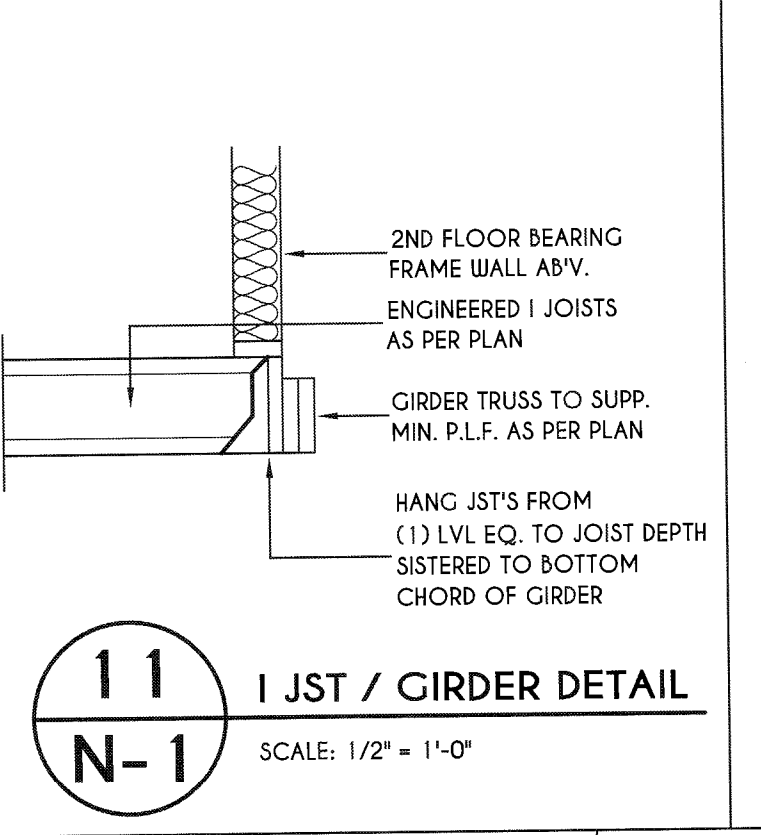
8
N-1
EXTERIOR INSULATED 3 PLY HEADER DETAIL
SCALE: 1" = 1'-0"



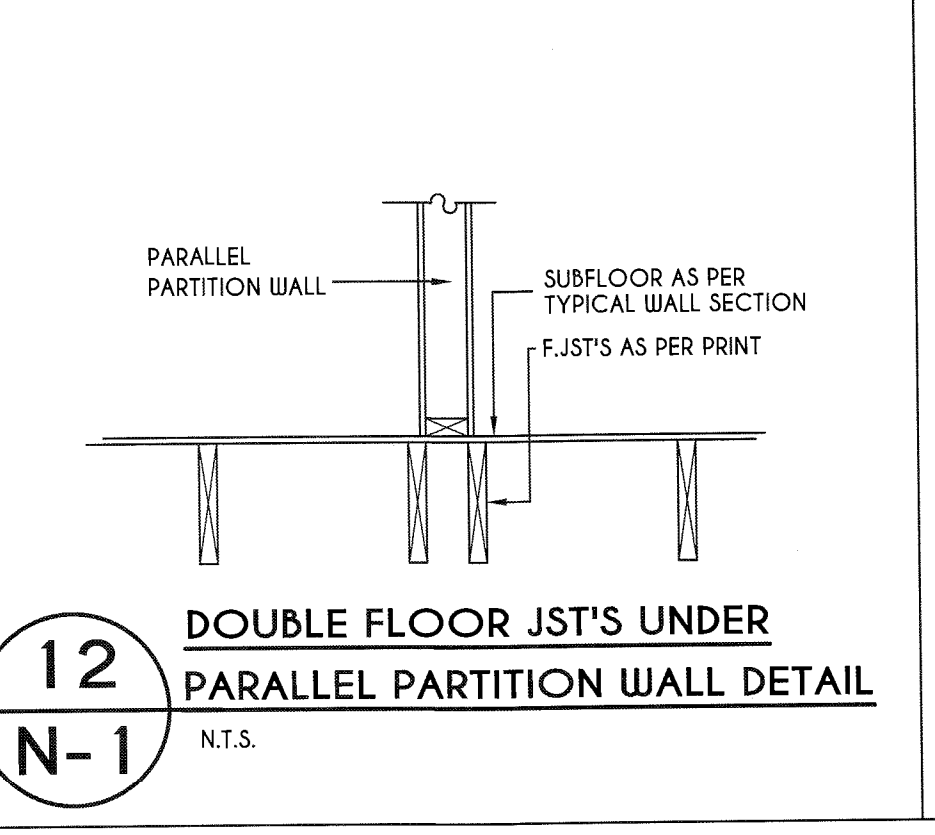
9
N-1
EXTERIOR INSULATED 2 PLY HEADER DETAIL
SCALE: 1" = 1'-0"



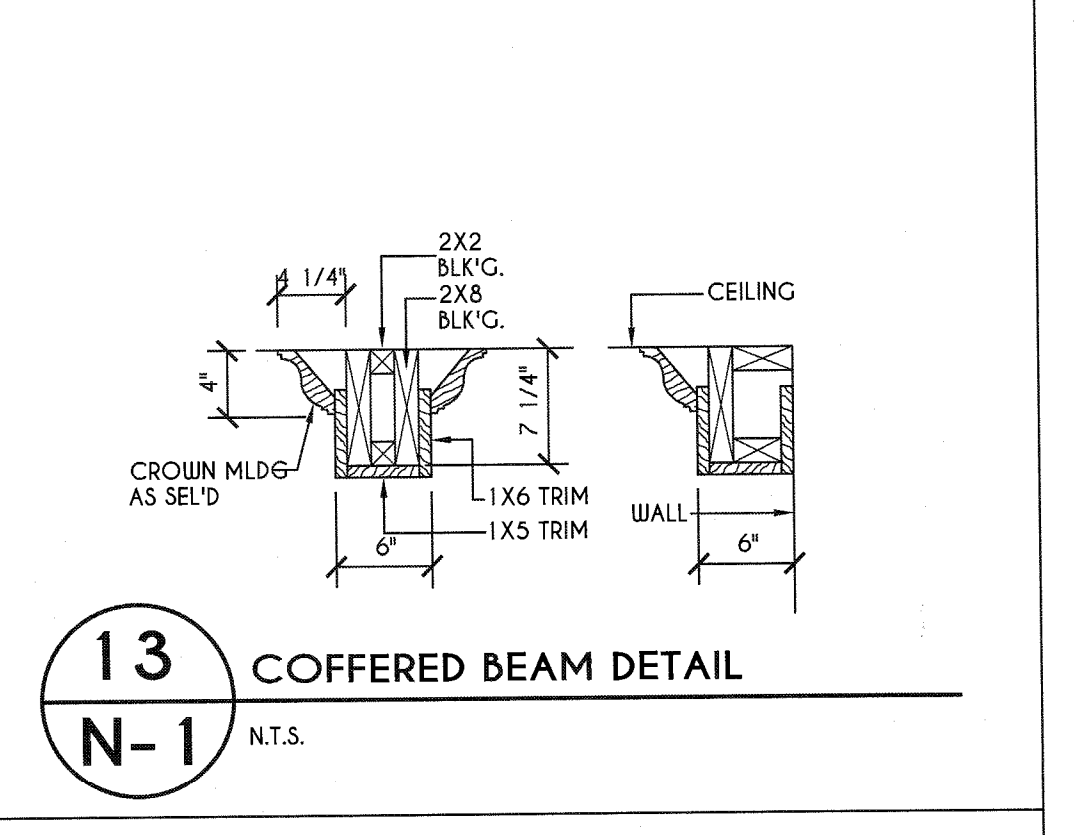
10
N-1
EXTERIOR INSULATED 2 PLY LVL HEADER DETAIL
SCALE: 1" = 1'-0"



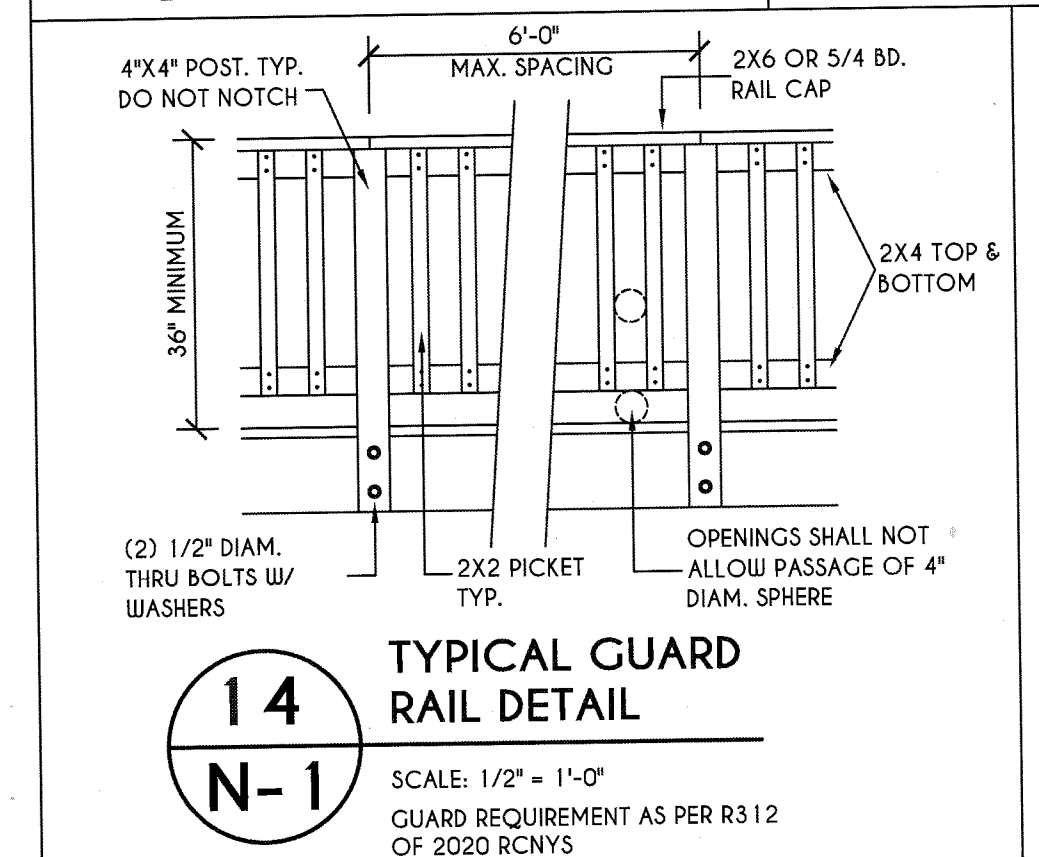
11
N-1
I JST / GIRDER DETAIL
SCALE: 1/2" = 1'-0"



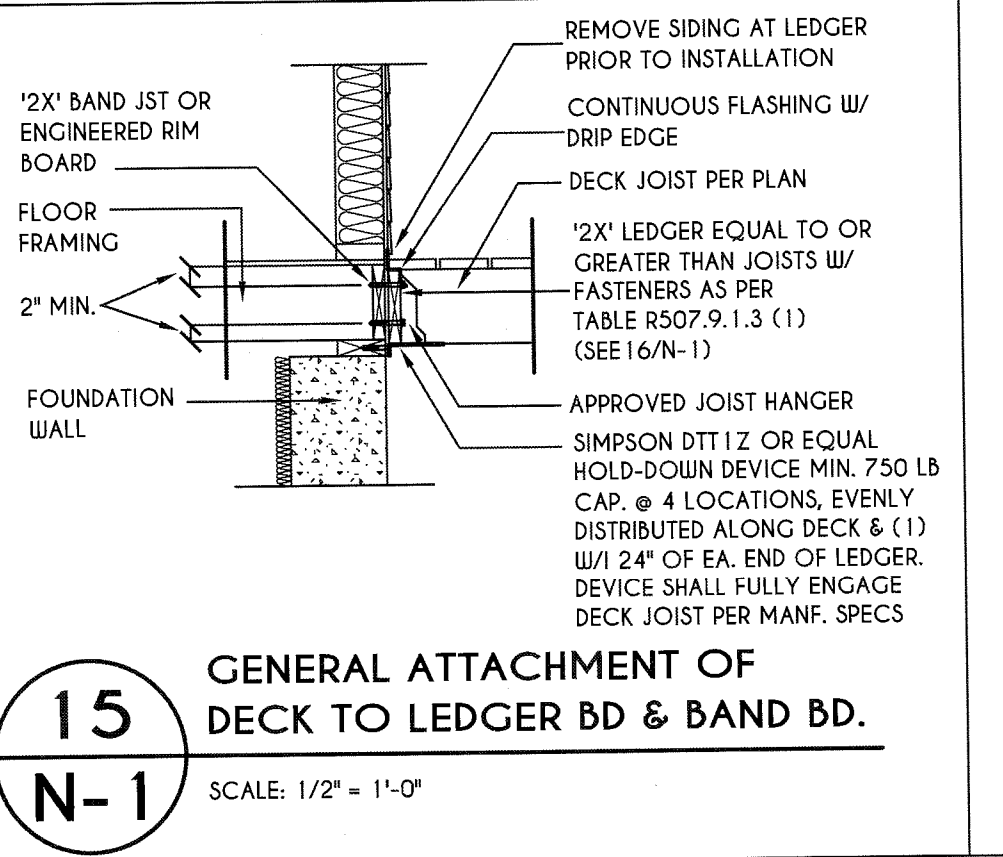
12
N-1
DOUBLE FLOOR JST'S UNDER PARALLEL PARTITION WALL DETAIL
N.T.S.



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



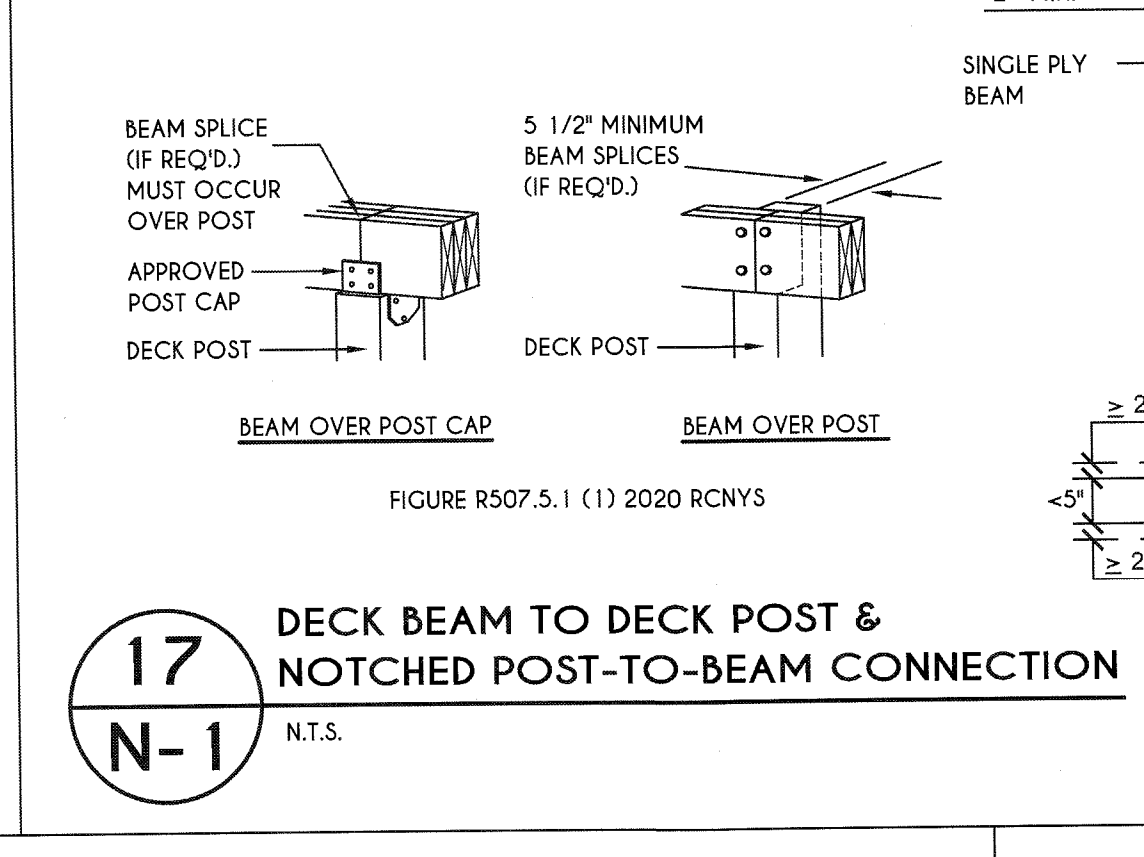
14
N-1
TYPICAL GUARD RAIL DETAIL
SCALE: 1/2" = 1'-0"
GUARD REQUIREMENT AS PER R312 OF 2020 RCNYS



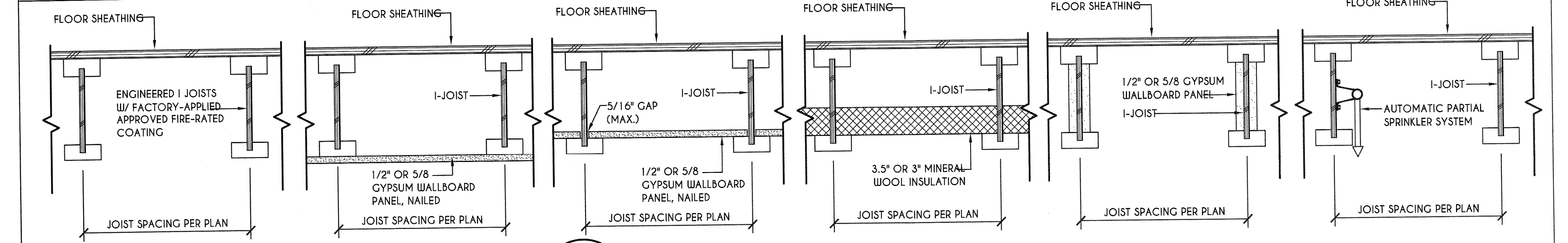
15
N-1
GENERAL ATTACHMENT OF DECK TO LEDGER BD & BAND BD.
SCALE: 1/2" = 1'-0"

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

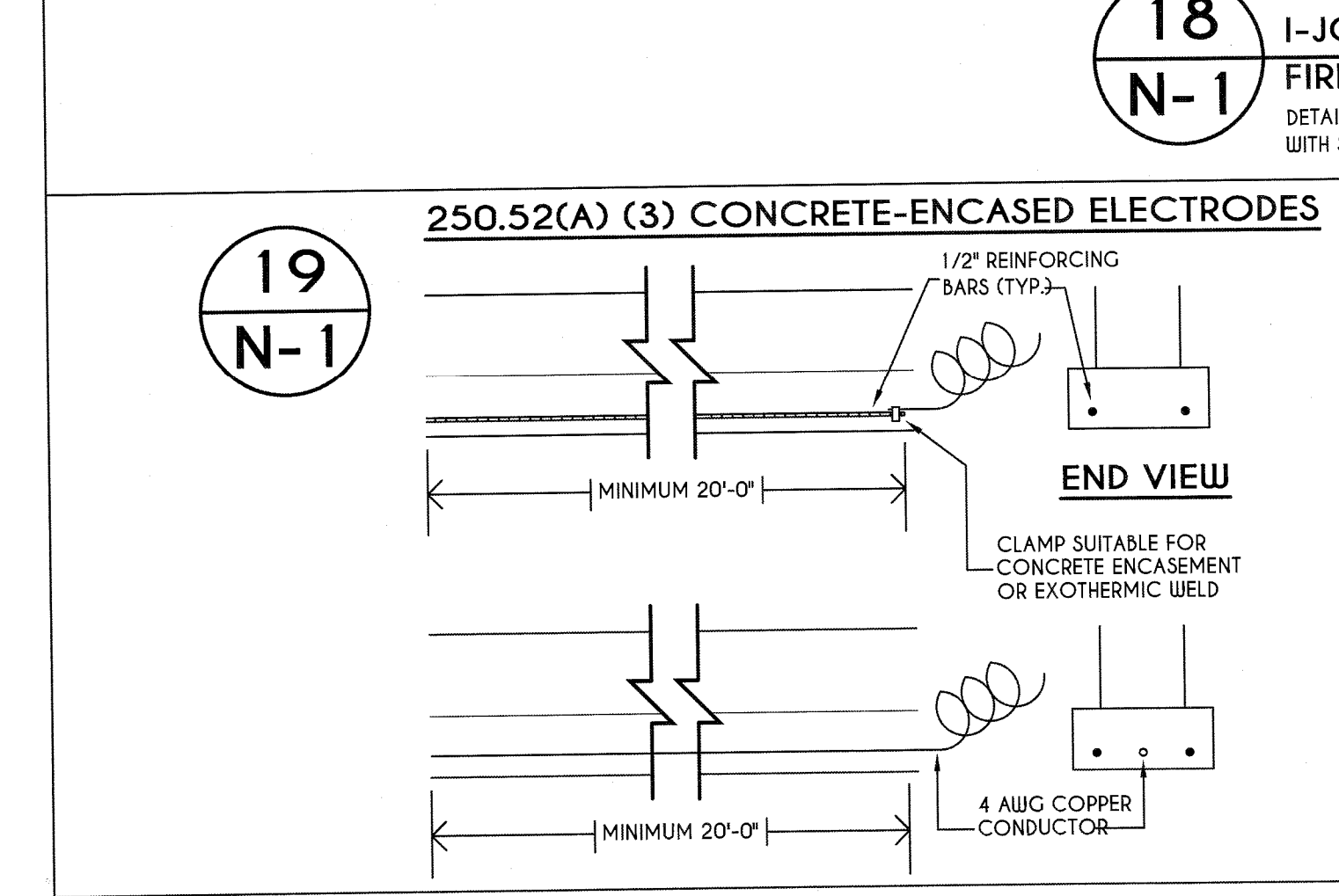
CONNECTION DETAILS	JOIST SPAN						
	6' & LESS	6'-1" - 8'	8'-1" - 10'	10'-1" - 12'	12'-1" - 14'	14'-1" - 16'	16'-1" - 18'
1/2" DIAM. LAG SCREW W/ 1/2" MAX. SHEATHING	30	23	18	15	13	11	10
1/2" DIAM. BOLT W/ 1/2" MAX. SHEATHING	36	36	34	29	24	21	19
1/2" DIAM. BOLT W/ 1" MAX. SHEATHING	36	36	29	24	21	18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



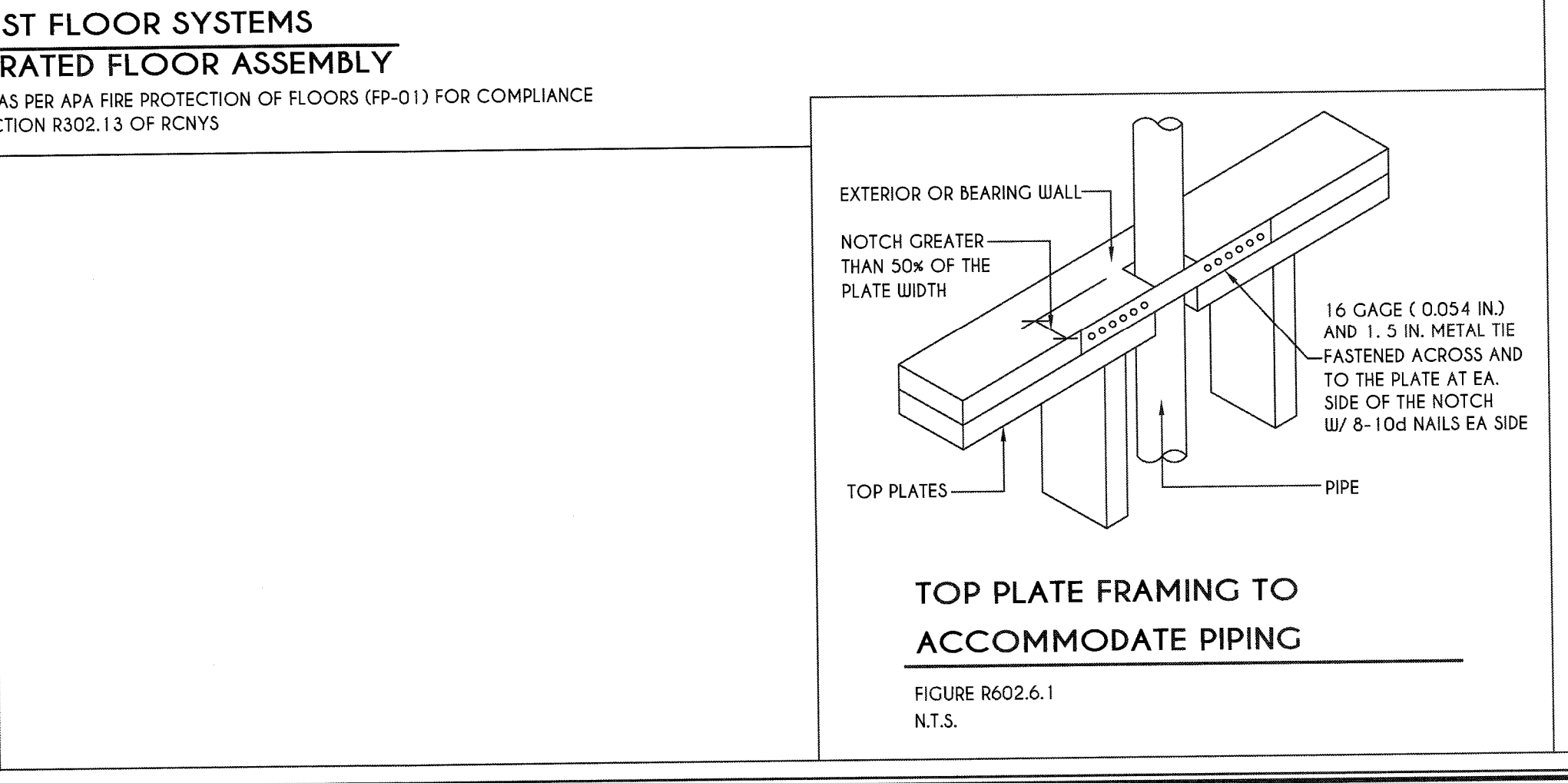
17
N-1
DECK BEAM TO DECK POST & NOTCHED POST-TO-BEAM CONNECTION
N.T.S.



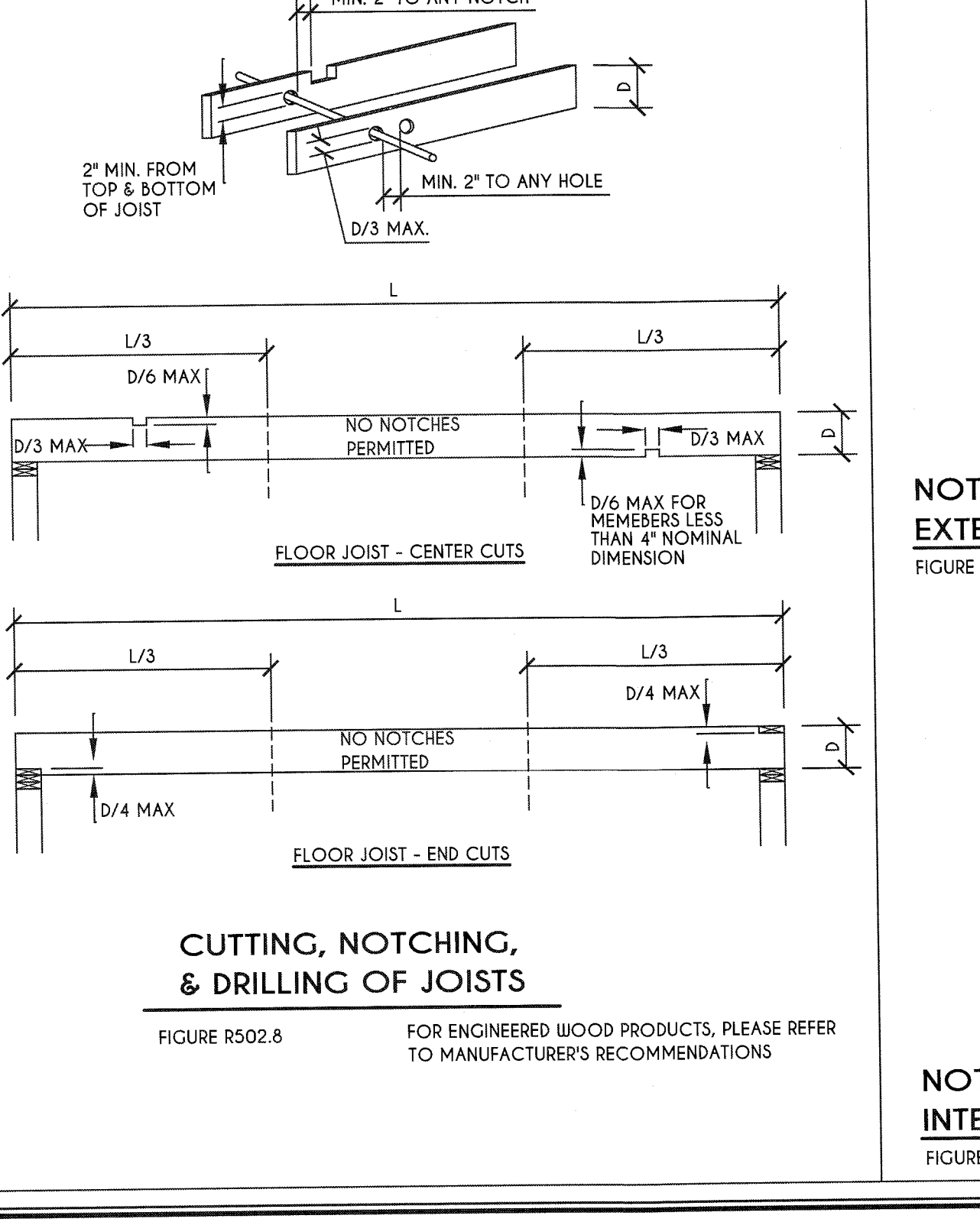
18
N-1
I-JOIST FLOOR SYSTEMS FIRE RATED FLOOR ASSEMBLY
DETAILS AS PER AIA FIRE PROTECTION OF FLOORS (FP-01) FOR COMPLIANCE WITH SECTION R302.13 OF RCNYS



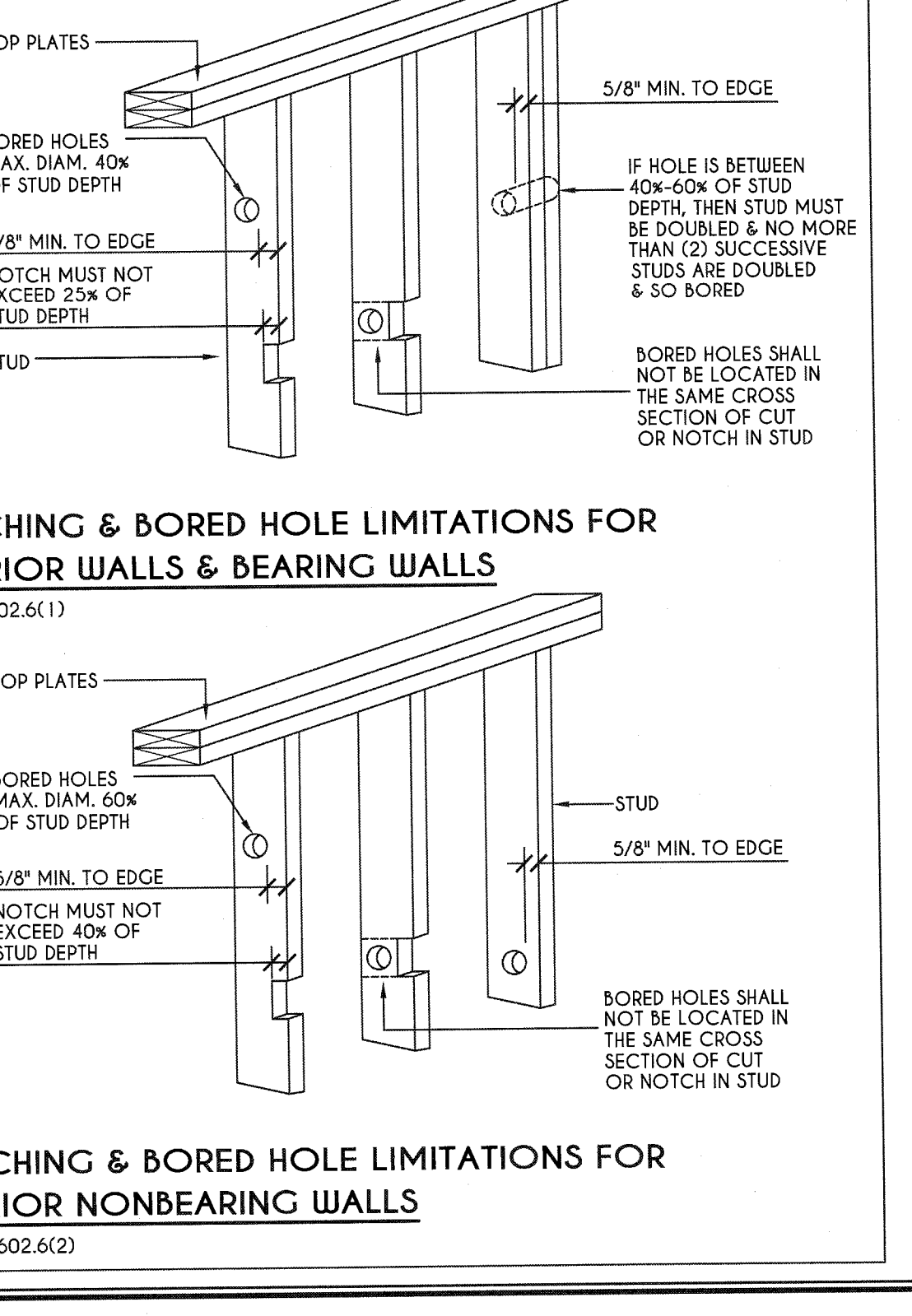
19
N-1
250.52(A) (3) CONCRETE-ENCASED ELECTRODES
END VIEW
CLAMP SUITABLE FOR CONCRETE ENCASEMENT OR EXOTHERMIC WELD
4 AWG COPPER CONDUCTOR
MINIMUM 20'-0"



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

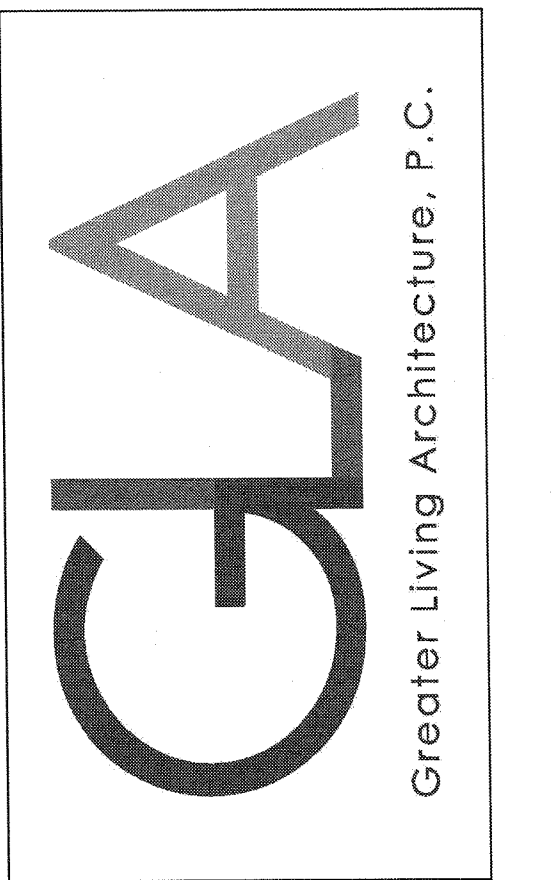
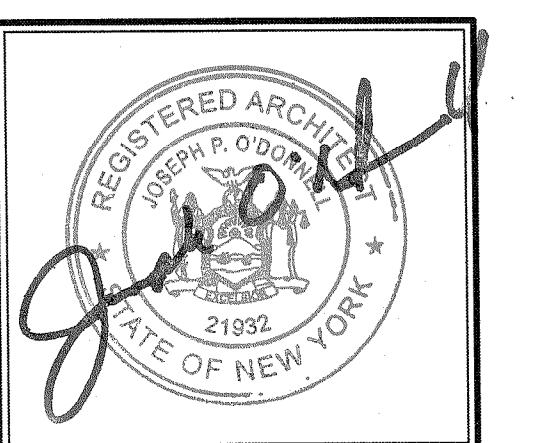


CUTTING, NOTCHING, & DRILLING OF JOISTS
FIGURE R502.8 FOR ENGINEERED WOOD PRODUCTS, PLEASE REFER TO MANUFACTURER'S RECOMMENDATIONS



NOTCHING & BORED HOLE LIMITATIONS FOR EXTERIOR WALLS & BEARING WALLS
FIGURE R602.6(1)
NOTCHING & BORED HOLE LIMITATIONS FOR INTERIOR NONBEARING WALLS
FIGURE R602.6(2)
BORED HOLES SHALL NOT BE LOCATED IN THE SAME CROSS SECTION OF CUT OR NOTCH IN STUD

COPYRIGHT NOTICE:
THESE PLANS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS BY GREATER LIVING ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR MODIFICATION OF THESE PLANS IS A VIOLATION OF COPYRIGHT LAWS. CLIENT RIGHTS ARE LIMITED TO ONE-TIME USE FOR THE CONSTRUCTION OF THESE PLANS.
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209
COPYRIGHT © ALL RIGHTS RESERVED GREATER LIVING ARCHITECTURE, P.C.



3033 BRIGHTON-HENRIETTA
TOWNLIN RD
ROCHESTER, NY 14623
CALL: (585) 272-9170
FAX: (585) 292-1262
www.greatliving.com

REVISIONS:

DATE	BY	DESCRIPTION

CLIENT/LOCATION:
SPEC HOUSE
LOT 4 HAWKSTONE
PITTSFORD

BUILDER:
KETMAR
DEVELOPMENT CORP.

DETAILS

GLA PLAN 1908R2

drawn: JJS	checked: CDK
scale: AS NOTED	date: 12/16/21
PROJECT: 2607C	sheet: N 1

TABLE R404.1.1(2)

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

WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL e	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) b, c			
		SOIL CLASSES AND LATERAL SOIL LOAD d (psf PER FOOT BELOW GRADE)			
		GM, GP, SU, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MI, ML-CL AND INORGANIC CL SOILS 60	SC, MI, 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"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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.
	8'-0"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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.
	8'-8"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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.
	9'-4"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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.
	10'-0"	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 48" O.C.	#4 @ 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 DO, D1 AND D2.
- c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 5 INCHES.
- d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1.
- e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.
- f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R404.1.1(3)

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

WALL HEIGHT	HEIGHT OF UNBALANCED BACKFILL e	MINIMUM VERTICAL REINFORCEMENT AND SPACING (INCHES) b, c			
		SOIL CLASSES AND LATERAL SOIL LOAD d (psf PER FOOT BELOW GRADE)			
		GM, GP, SU, AND SP SOILS 30	GM, GS, SM-SC AND ML SOILS 45	SC, MI, ML-CL AND INORGANIC CL SOILS 60	SC, MI, 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"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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.
	8'-0"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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.
	8'-8"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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.
	9'-4"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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.
	10'-0"	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 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 DO, D1 AND D2.
- c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 6.75 INCHES.
- d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1.
- e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.
- f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R404.1.1(4)

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

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

- a. MORTAR SHALL BE TYPE M OR S AND MASONRY SHALL BE Laid IN RUNNING BOND.
- b. ALTERNATIVE REINFORCING BAR SIZES AND SPACINGS SHALL HAVE AN EQUIVALENT CROSS-SECTIONAL AREA OF REINFORCEMENT PER LINEAL FOOT OF WALL SHALL BE PERMITTED PROVIDED THE SPACING OF THE REINFORCEMENT DOES NOT EXCEED 72" IN SEISMIC DESIGN CATEGORIES A, B AND C, AND 48 INCHES IN SEISMIC DESIGN CATEGORIES DO, D1 AND D2.
- c. VERTICAL REINFORCEMENT SHALL BE GRADE 60 MINIMUM. THE DISTANCE FROM THE FACE OF THE SOIL SIDE OF THE WALL TO THE CENTER OF VERTICAL REINFORCEMENT SHALL BE NOT LESS THAN 8.75 INCHES.
- d. SOIL CLASSES ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM AND DESIGN LATERAL SOIL LOADS ARE FOR MOIST CONDITIONS WITHOUT HYDROSTATIC PRESSURE. REFER TO TABLE R405.1.
- e. UNBALANCED BACKFILL HEIGHT IS THE DIFFERENCE IN HEIGHT BETWEEN THE EXTERIOR FINISH GROUND LEVEL AND THE LOWER OF THE TOP OF THE CONCRETE FOOTING THAT SUPPORTS THE FOUNDATION WALL OR THE INTERIOR FINISH GROUND LEVEL. WHERE AN INTERIOR CONCRETE SLAB-ON-GRADE IS PROVIDED AND IS IN CONTACT WITH THE INTERIOR SURFACE OF THE FOUNDATION WALL, MEASUREMENT OF THE UNBALANCED BACKFILL HEIGHT FROM THE EXTERIOR FINISH GROUND LEVEL TO THE TOP OF THE INTERIOR CONCRETE SLAB IS PERMITTED.
- f. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R404.1.2(8)

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

MAXIMUM WALL HEIGHT (FEET)	MAXIMUM UNBALANCED BACKFILL HEIGHT (FEET)	MINIMUM VERTICAL REINFORCEMENT-BAR SIZE & SPACING (INCHES)											
		SOIL CLASSES AND DESIGN LATERAL SOIL LOAD (psf PER FOOT OF DEPTH)											
		GM, GP, SU, AND SP SOILS 30			GM, GS, SM-SC AND ML SOILS 45			SC, MI, ML-CL AND INORGANIC CL SOILS 60			SC, MI, ML-CL AND INORGANIC CL SOILS 60		
5	4	6	8	10	12	6	8	10	12	6	8	10	12
		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
6	5	6	8	10	12	6	8	10	12	6	8	10	12
		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7	6	6	8	10	12	6	8	10	12	6	8	10	12
		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
8	7	6	8	10	12	6	8	10	12	6	8	10	12
		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
9	8	6	8	10	12	6	8	10	12	6	8	10	12
		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
10	9	6	8	10	12	6	8	10	12	6	8	10	12
		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 R405.1.
- 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 (9).
- d. NR INDICATES NO VERTICAL 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. INTERSECTIONS IS NOT PERMITTED.
- g. UNBALANCED BACKFILL SHALL BE 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 1/2 PERCENT OF THE WALL THICKNESS OR 3/8 INCH.
- i. CONCRETE COVER FOR THE REINFORCEMENT MEASURED FROM THE INSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 3/4 INCH. CONCRETE COVER FOR REINFORCEMENT MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL BE NOT LESS THAN 1 1/2 INCHES FOR NO. 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 1 OR n.
- l. THE MINIMUM THICKNESS IS PERMITTED TO BE REDUCED TO 2 INCHES, PROVIDED THE MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, f_c IS 4,000 PSI.
- m. A PLAIN CONCRETE WALL WITH A MINIMUM NOMINAL THICKNESS OF 12 INCHES IS PERMITTED, PROVIDED MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE, f_c IS 3,500 PSI.
- n. SEE TABLE R608.3 FOR TOLERANCE FROM NOMINAL THICKNESS PERMITTED FOR FLAT WALLS.
- o. THE USE OF THIS TABLE SHALL BE PROHIBITED FOR SOIL CLASSIFICATIONS NOT SHOWN.

TABLE R 402.4.1.1 AIR BARRIER AND INSULATION INSTALLATION

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION 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 CARPS 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.	THE INSULATION IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE AIR BARRIER.
WALLS	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHE BE SEALED. KNEE WALLS SHALL BE SEALED.	CAVITIES WITH CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM. EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.
WINDOWS, SKYLIGHTS AND DOORS	THE SPACE BETWEEN WINDOW / DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING, SHALL BE SEALED.	
RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.
FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS)	THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.
CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR BARRIER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWLSPACE WALLS.
SHAFTS, PENETRATIONS	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING THE EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
NARROW CAVITIES		BATTIS 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 BIRING		BATT INSULATION SHALL BE CUT INVERT TO FIT AROUND WIRING AND PLUMBING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND AROUND WIRING AND BIRING.
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 AROUND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	
HVAC REGISTER BOOTHS	HVAC REGISTER BOOTHS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SURFACE OR BELOW.	
CONCEALED SPRINKLERS	WHEN REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALL OR CEILING.	

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

401.4 SOIL TESTS.

WHERE QUANTIFIABLE DATA CREATED BY ACCEPTED SOIL SCIENCE METHODOLOGIES INDICATE EXPANSIVE, COMPRESSIBLE, SHRINKING 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 IS DONE BY AN APPROVED AGENCY USING AN APPROVED METHOD.

401.4.1 GEOTECHNICAL EVALUATION.

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

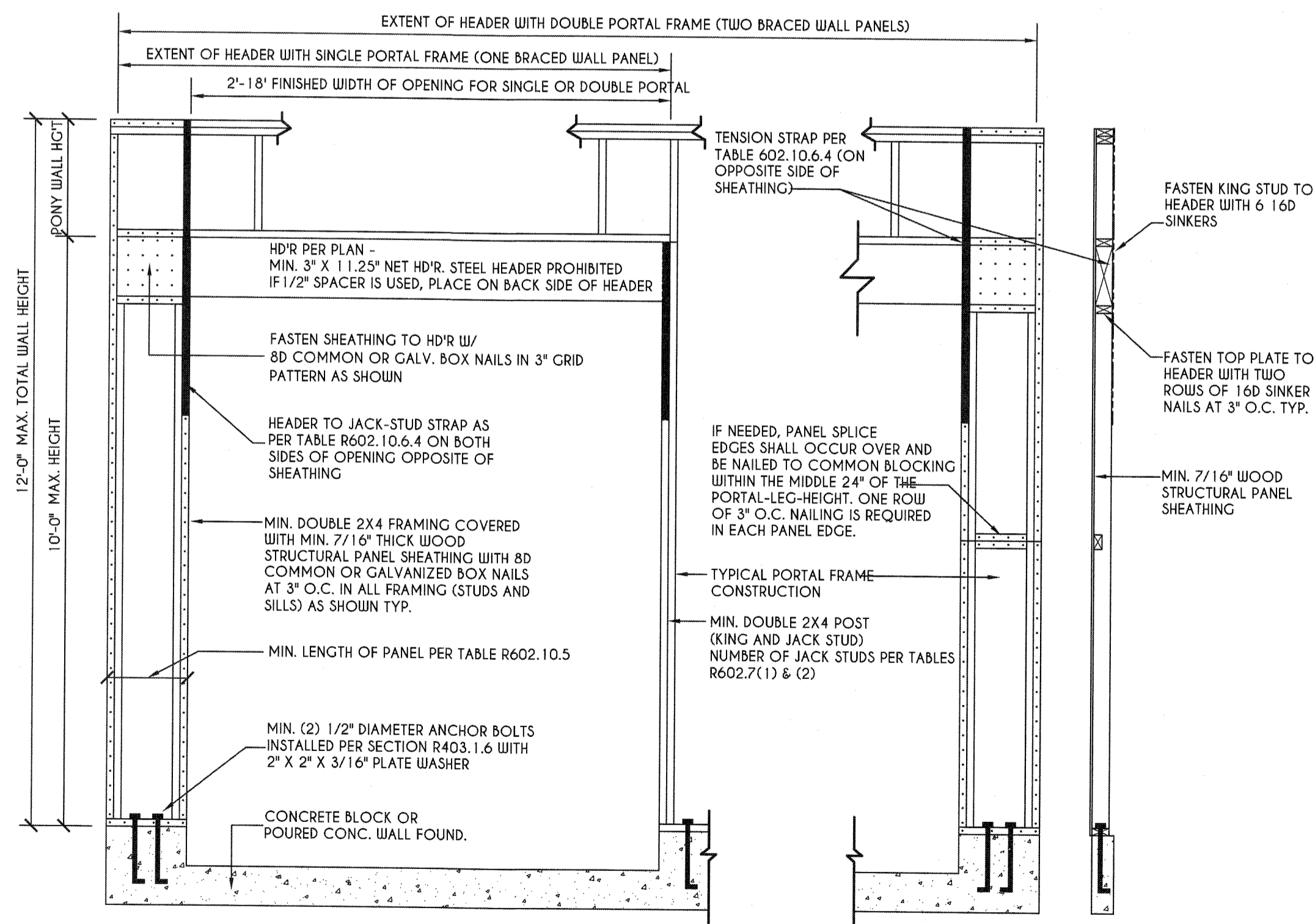
TABLE R401.4.1 PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS

CLASS OF MATERIALS	LOAD-BEARING PRESSURE (pounds per 100 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)	1,500

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

UNIFIED SOIL CLASSIFICATION SYSTEM

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







FOR SALE



Call for more information
or to schedule a viewing

Call or text
608-785-1234

www.realtor.com





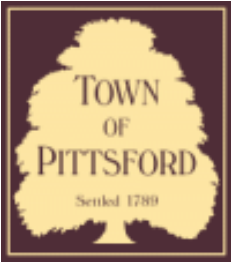
FOR SALE



Call for more information
www.realty.com
800-858-8888

RE/MAX

1234567890



Town of Pittsford

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

Permit #
S21-000013

Phone: 585-248-6250

FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 3400 Monroe Avenue ROCHESTER, NY 14618

Tax ID Number: 150.16-2-3

Zoning District: C Commercial

Owner: Pittsford Colony LLC

Applicant: Sign & Lighting Services LLC

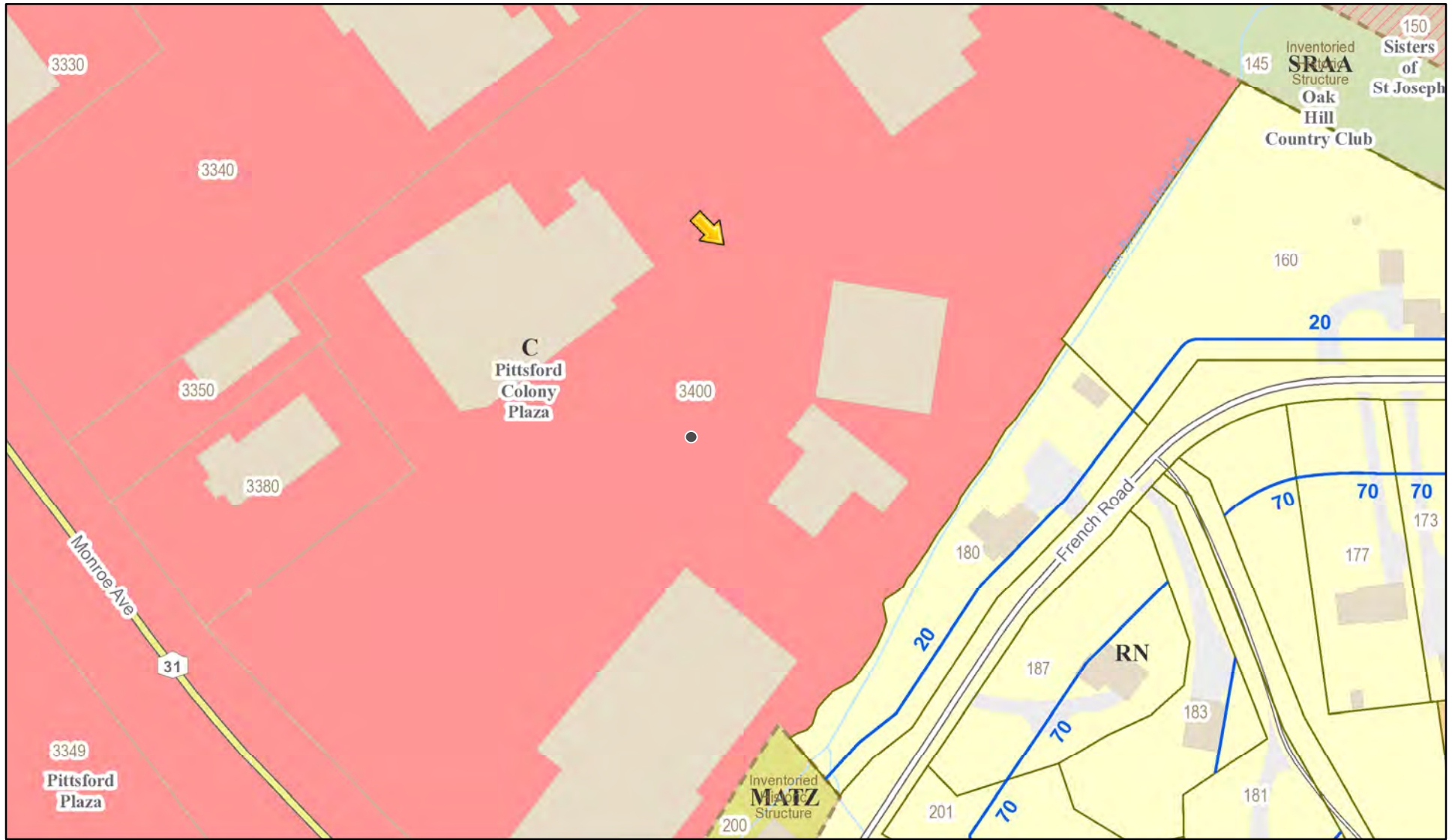
Application Type:

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

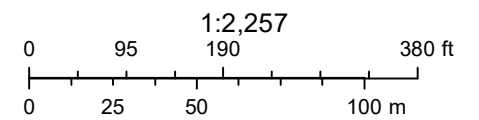
Project Description: Applicant has requested design review to replace two business identification signs. The building sign will be approximately 72 square feet over the entrance and the sign on the door will be approximately 4 square feet. Both signs meet zoning and will identify the business "Massage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

Meeting Date: January 27, 2022

RN Residential Neighborhood Zoning



Printed January 20, 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.



150

160

171

173

177

179

181

183

187

201

180

3462

200

3400

3340

3380

3350

3330

3349

Massage Envy™

Proposed branding for:

Rochester, NY

3400 Monroe Avenue

Clinic # 0817

Creation Date: 09/03/2021

Site



Drawing # **C70598**
 OE **144882**

Address: 3400 Monroe Ave.
 City/ST: Rochester, NY.

Date: 09/03/2021
 Designer: CXJ PM: SF

File Location: STND ___
 Drive/Clients/ CSTM ___
 AS CR EN

Revisions:	
X	_____
X	_____
X	_____
X	_____
X	_____
X	_____

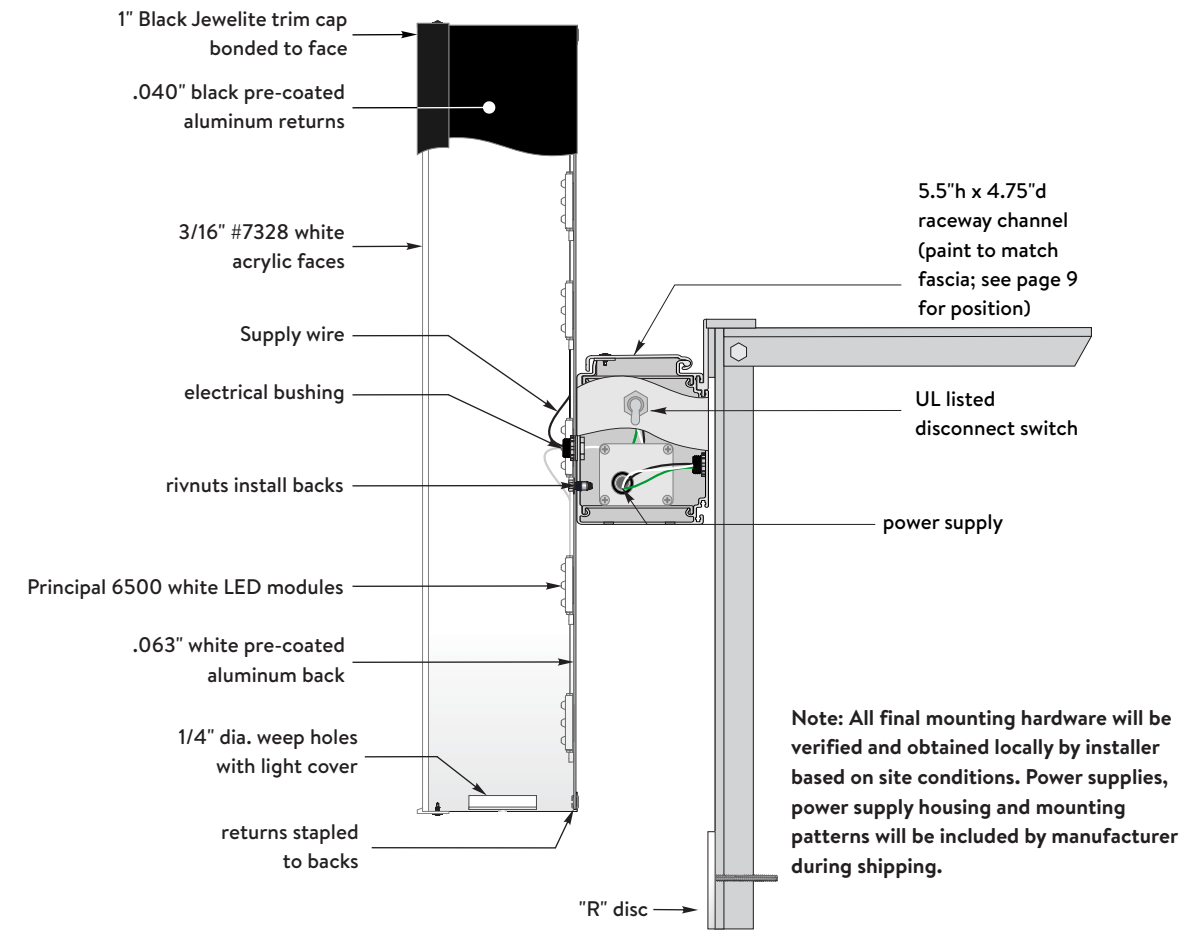
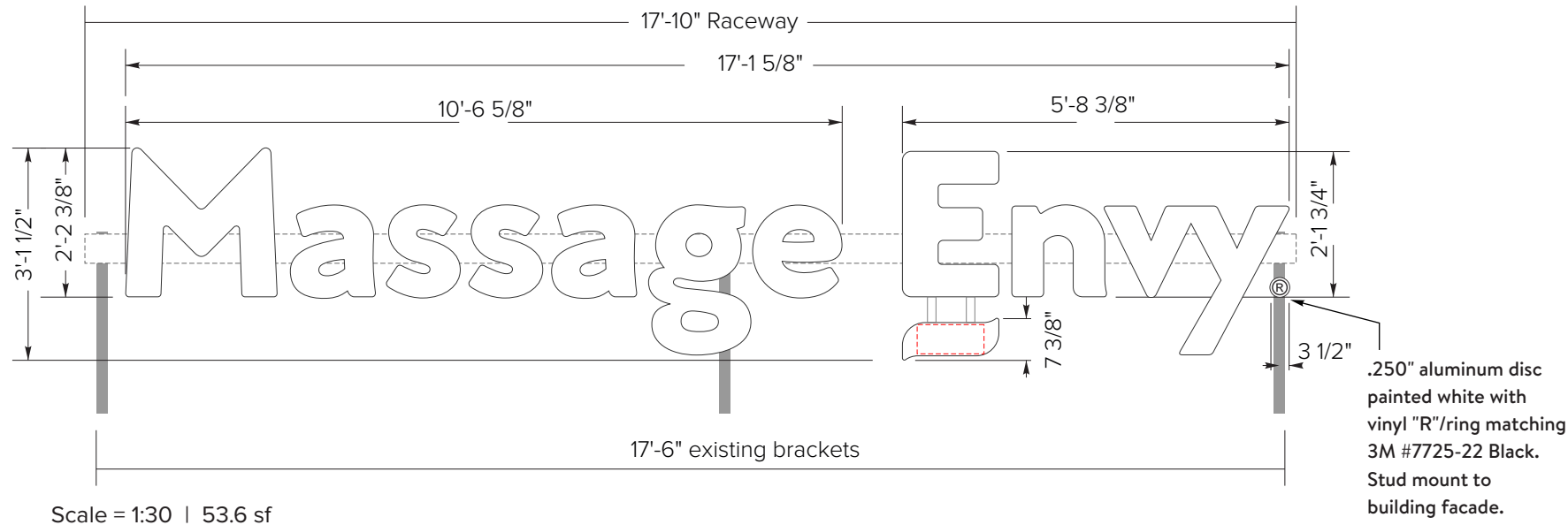
Underwriters Laboratories, Inc.
 Sign components to be in strict UL compliance.

All dimensions are imperial unless specified metric. Items are scaled as noted when printed on an 11x17 sheet.



S1 Custom Raceway Wired Illuminated Letterset

Remove existing letterset from roof brackets. Install new custom raceway wired letterset to existing roof brackets. Existing roof brackets are (2"X2"X17'-6"X1/2" thick). Raceway color TBD.



Note: All final mounting hardware will be verified and obtained locally by installer based on site conditions. Power supplies, power supply housing and mounting patterns will be included by manufacturer during shipping.

After



Before



Drawing # **C70598-2**
OE **144882**

Address: 3400 Monroe Ave.
City/ST: Rochester, NY.

Date: 09/03/2021
Designer: CXJ PM: SF

File Location: STND ___
Drive/Clients/ CSTM ___
 AS CR EN

Revisions:

Updated 45 sqft JM 122021	X
updated area to 54 sf - JAS - 12.21.21	X
X	X
X	X
X	X

Underwriters Laboratories, Inc.
Sign components to be in strict UL compliance.

All dimensions are imperial unless specified metric. Items are scaled as noted when printed on an 11x17 sheet.

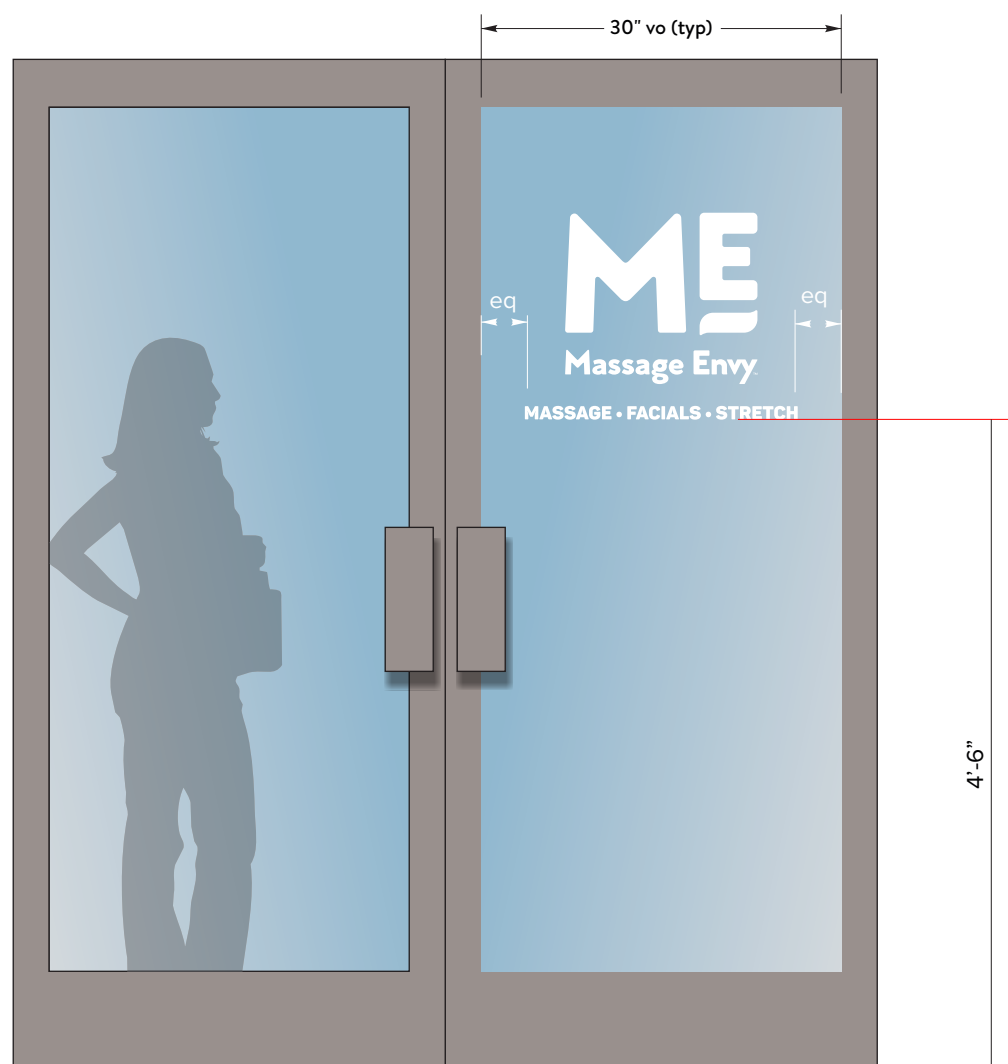


S2 Door Vinyl

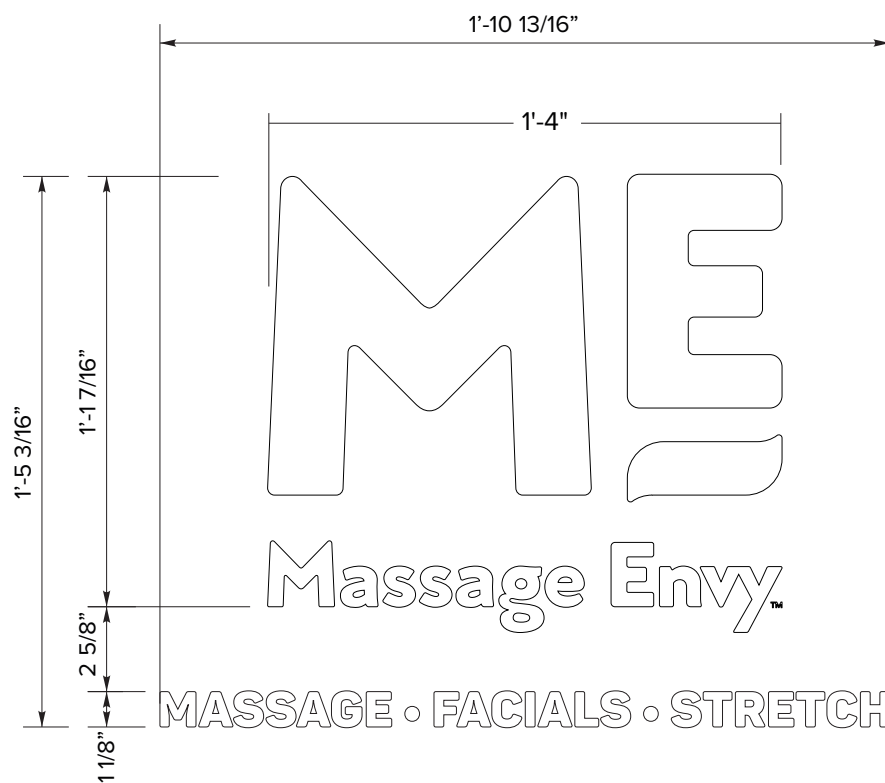
Remove existing door vinyl, clean off any remaining residue and install new graphics.



3M #7725-20 Matte White film (first surface)



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



Scale: 1:6

INSTALL BY OTHERS

Drawing # **C70598-1**
OE **144882**

Address: 3400 Monroe Ave.
City/ST: Rochester, NY.

Date: 09/03/2021
Designer: CXJ PM: SF

File Location: STND ___
Drive/Clients/ CSTM ___
AS CR EN

Revisions:

Added install by others note - KB - 9.29.21	X
X	X
X	X
X	X
X	X

Underwriters Laboratories, Inc.
Sign components to be in strict UL compliance.

All dimensions are imperial unless specified metric. Items are scaled as noted when printed on an 11x17 sheet.



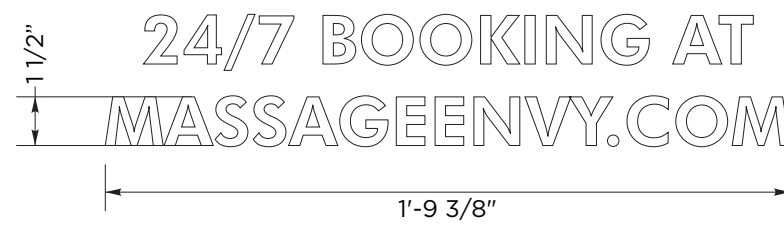
S3 Booking Vinyl

Remove vinyl from sidelite. Clean off any remaining residue and apply new vinyl.

3M #7725-20 Matte White film (first surface)



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



Scale: 1:6

INSTALL BY OTHERS

Drawing # **C70598-1**
 OE **144882**

Address: 3400 Monroe Ave.
 City/ST: Rochester, NY.

Date: 09/03/2021
 Designer: CXJ PM: SF

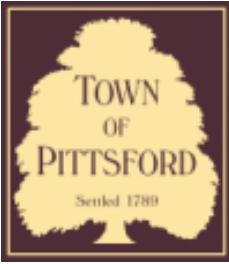
File Location: STND ___
 Drive/Clients/ CSTM ___
 AS CR EN

Revisions:	
Removed hours - KB - 9.29.21	X
X	X
X	X
X	X
X	X

Underwriters Laboratories, Inc.
 Sign components to be in strict UL compliance.

All dimensions are imperial unless specified metric. Items are scaled as noted when printed on an 11x17 sheet.





Town of Pittsford

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

Permit #
S22-000001

Phone: 585-248-6250

FAX: 585-248-6262

DESIGN REVIEW AND HISTORIC PRESERVATION BOARD REFERRAL OF APPLICATION

Property Address: 3750 Monroe Avenue PITTSFORD, NY 14534

Tax ID Number: 151.13-1-22

Zoning District: MATZ PUD MATZ Planned Unit Development

Owner: DEL 3750 Monroe Ave Assoc,LLC

Applicant: Skylight Signs

Application Type:

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

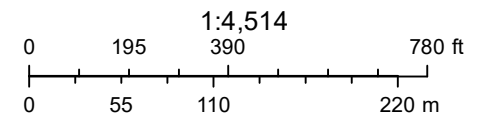
Project Description: Applicant has requested design review to install a new business identification sign. The building sign will be approximately 60 square feet over the entrance. The sign meets zoning and will identify the business "KORE."

Meeting Date: January 27, 2022

RN Residential Neighborhood Zoning

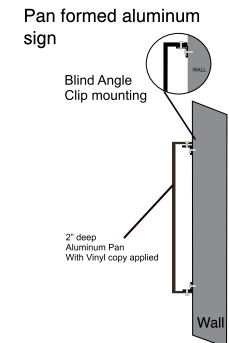
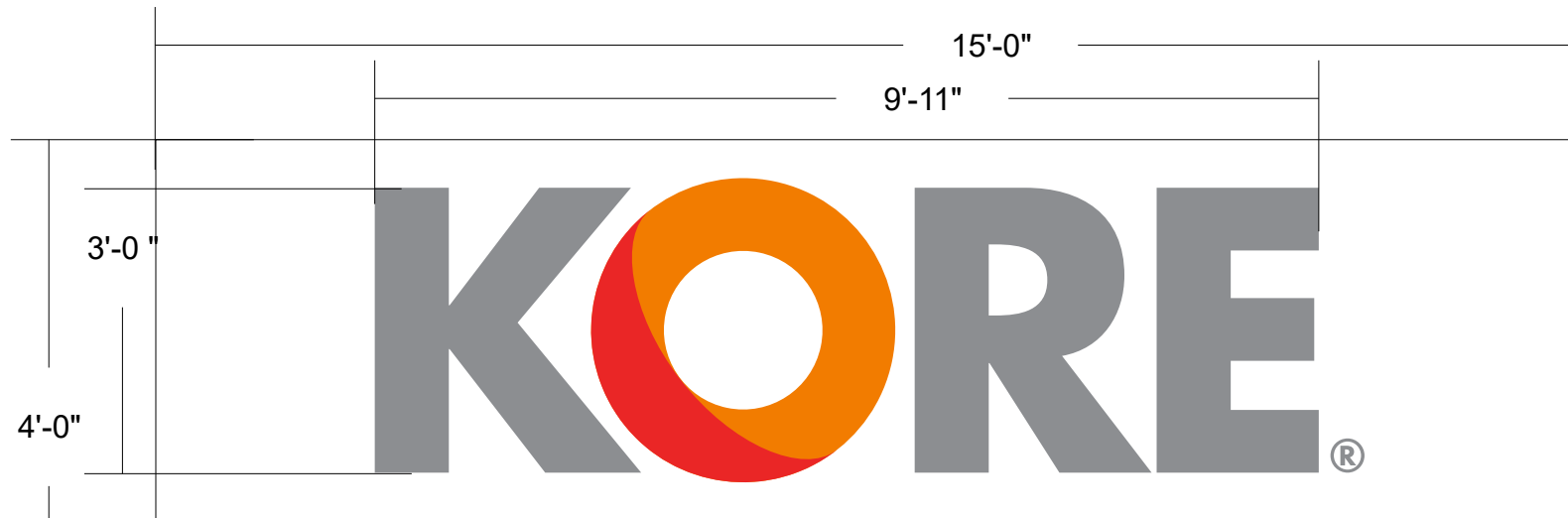


Printed January 20, 2022



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.



Description:

(1) Single sided 2" deep aluminum pan form panel sign to be mounted to building fascia.
Panel to be painted White with vinyl applied graphics.

Colors: Gray: Pantone 430 C
Red: Pantone 1788 C
Orange: Pantone 151 C



Type of sign/s	Exterior sign
Date	12/15/2021
Customer Name	KORE
Address	3750 Monroe Ave. Pittsford, NY
Sign Location	

This original, conceptual, and or shop drawing has been created by SKYLIGHT SIGNS INC.

It is submitted for use within the above stated organization ONLY and/or other parties necessary to make signage decisions.

This drawing is not to be shown, e-mailed or transmitted in anyway to anyone outside of your organization, nor is it to be used, reproduced or exhibited in any way, without expressed written consent.

This custom artwork is for representational purposes only. Colors will not exactly match the paint or materials to be used.

ALL ELECTRICAL SIGNS REQUIRE 120V ELECTRIC, UNLESS OTHERWISE STATED

skylight signs inc.
60 Industrial Park Circle
Rochester NY 14624
Phone 585 594-2500
Fax 585 594-2525

I have reviewed this drawing and accept it as shown. Any changes made to this drawing at any time will affect the contract price. Any and all changes to this drawing must be accompanied by written explanation and approved by both parties prior to production.

Customer Signature: _____

Date: _____

Landlord Signature: _____

Date: _____