

ROOF PLAN  
 1/8 = 1-0  
 ROOF PITCHES FRONT TO BACK 6/12 TYP. U.N.O.  
 ROOF PITCHES SIDE TO SIDE 10/12 TYP. U.N.O  
 RAFTERS 2 X 6 DF NO 2 @ 16" OC TYP.  
 HIPS AND RIDGES 2 X 8 DF NO 2 TYP.

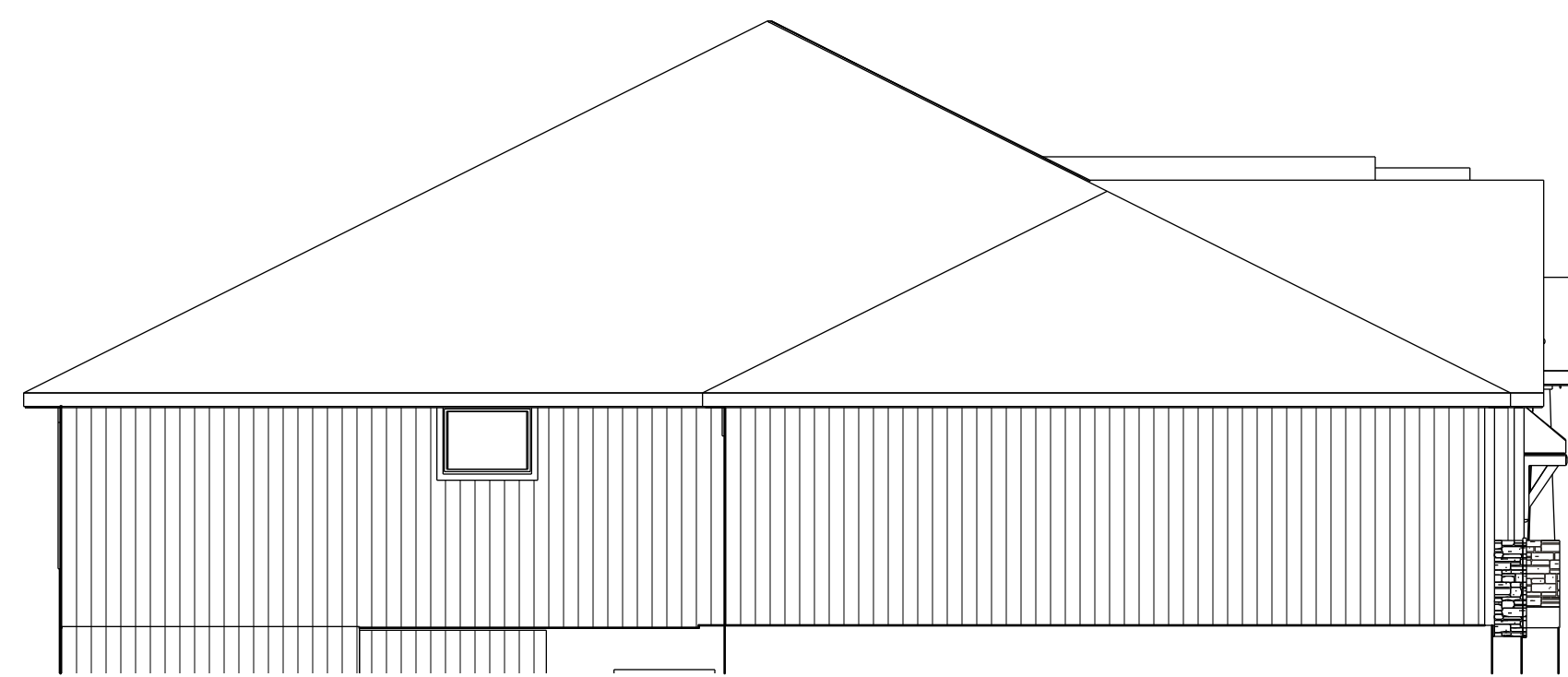


GARAGE DOOR ANSIL ABRAMS  
 FRONT ELEVATION  
 STUCCO AND STONE

NOTE: STONE TURNS  
 CORNERS 16"

RELEASE FOR CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 DEVELOPMENT SERVICES  
 LEE'S SUMMIT, MISSOURI  
 03/20/2026 3:36:30

LP TRIM, SOFFIT, AND FASCIA  
 TYP.

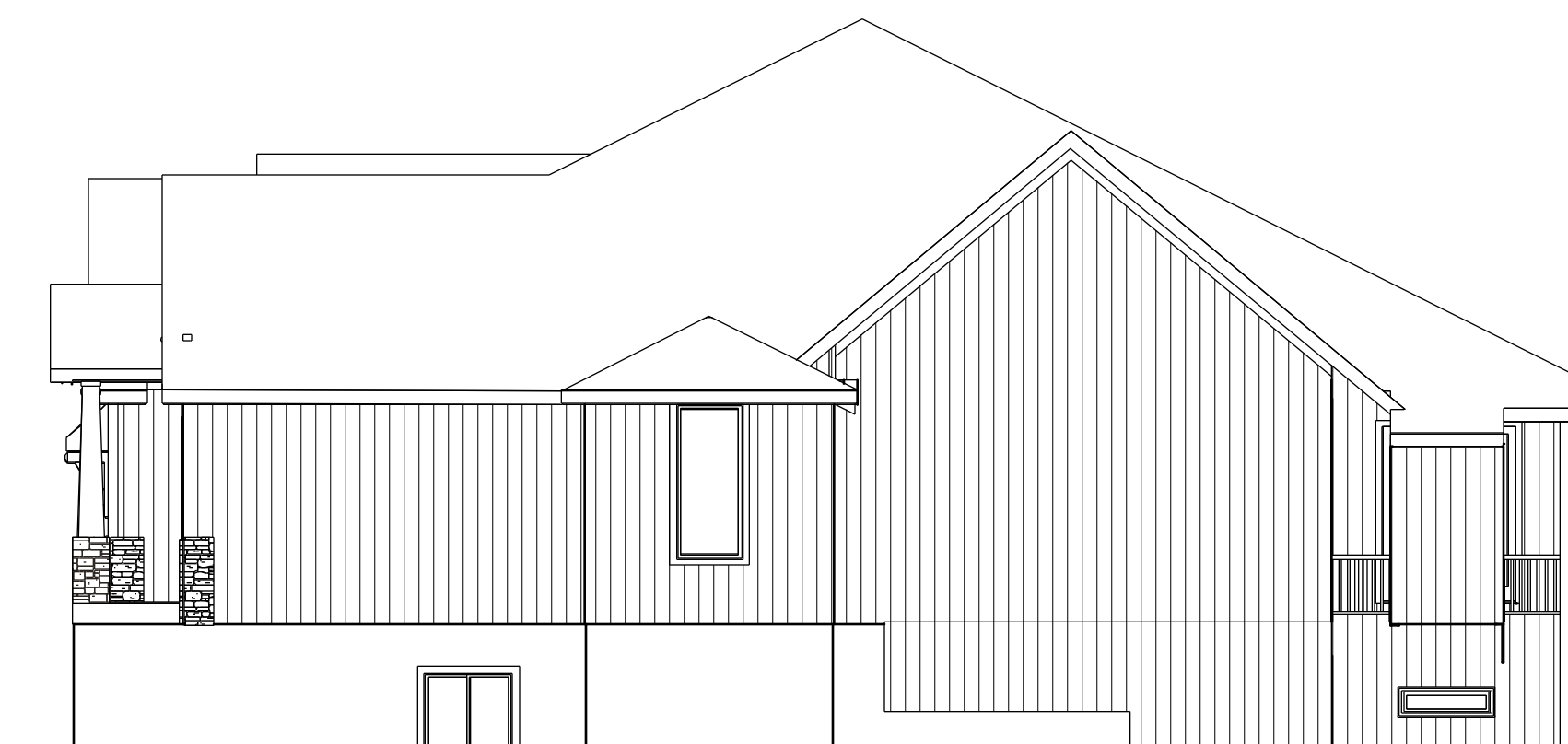


LEFT ELEVATION  
 1/8 = 1-0



REAR ELEVATION  
 1/8 = 1-0

LP PANEL SIDING 3  
 SIDES



LP PANEL SIDING 3  
 SIDES

RIGHT ELEVATION  
 1/8 = 1-0

PRELIMINARY PLAN

ENGINEER:  
 DANIEL NYBERG P.E.  
 NYBERG CUSTOM HOMES LLC  
 19417 E 14 ST N  
 INDEPENDENCE MO 64056  
 816-838-5429



DANIEL BRENT NYBERG  
 PROFESSIONAL ENGINEER  
 PE-2024000625  
 ISSUED FOR PERMIT

BUILD IN ACCORDANCE WITH  
 2018 INTERNATIONAL  
 RESIDENTIAL CODE AND  
 LOCAL CODES.

TRUMARK customHOMES  
 KYLE VI  
 LOT 147 WOODSIDE RIDGE  
 2070 NW O'BRIAN RD  
 LEE SUMMIT MO

SCALE  
 1/4" = 1-0

DATE  
 3-15-26

PLAN NO.  
 4619

SHEET NO.  
 1 OF 5

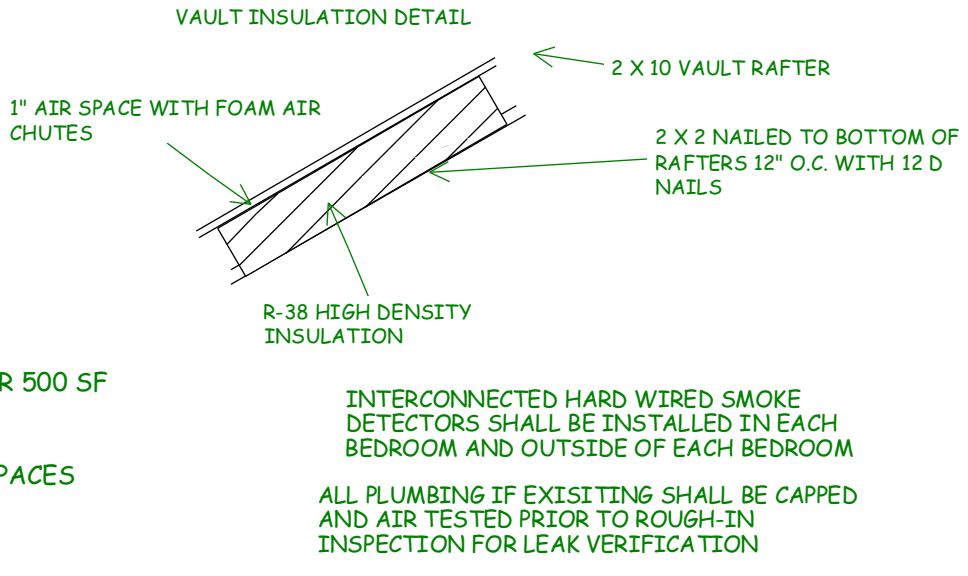




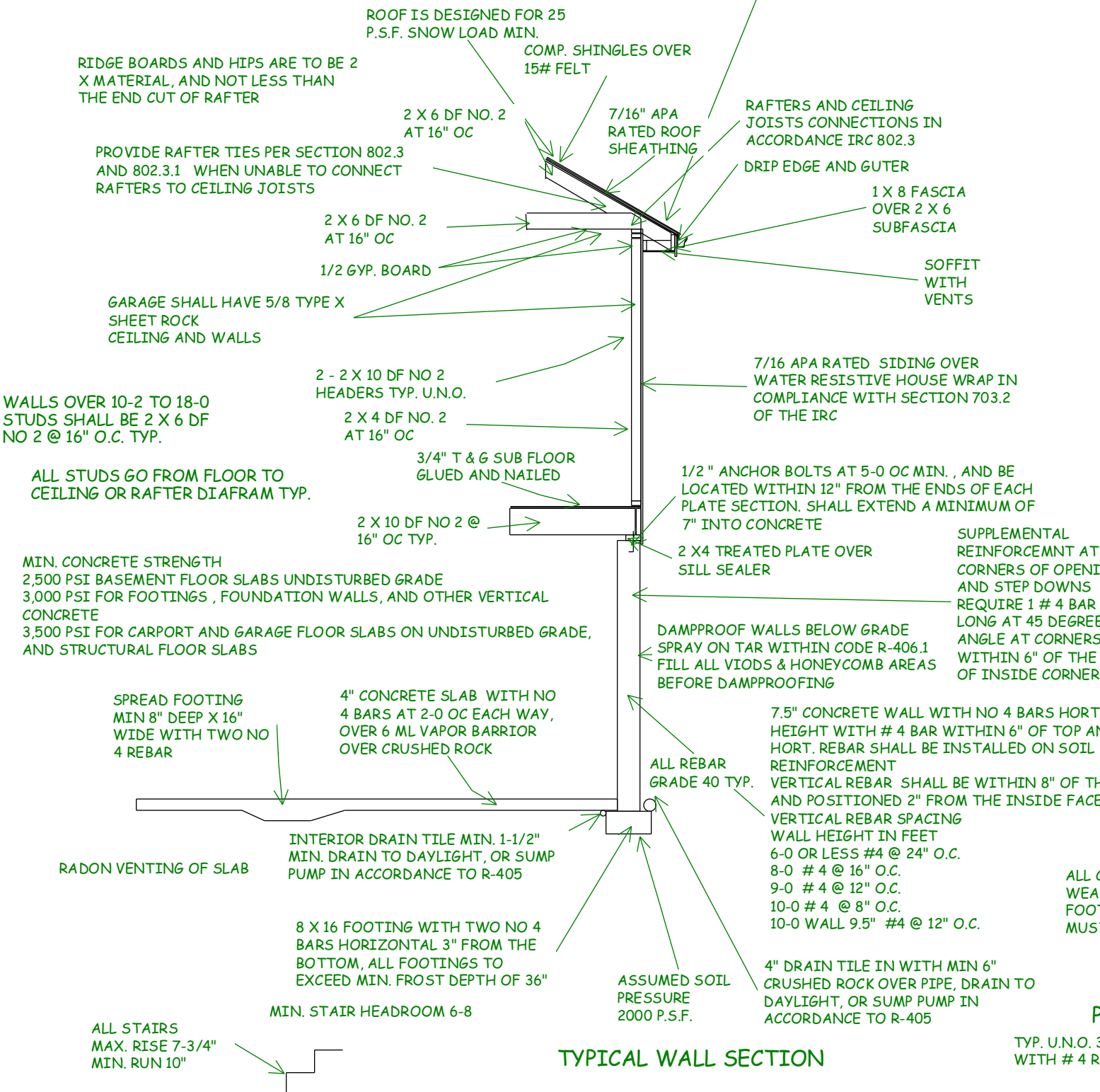
2 X 6 DF NO 2 @ 16" O.C. RAFTERS MAX. SPAN 14-4 BETWEEN SUPPORTS

ENERGY CONSERVATION CODE THE FOLLOWING VALUES ARE NEEDED.

R-15 IN WALLS  
R-49 IN ATTICS  
R-38 IN VAULTS  
R-30 REDUCTION FOR VAULTS IS ONLY FOR 500 SF PF AREA  
R-19 IN FLOORS OVER UNCONDITIONED SPACES  
R-10 IN CRAWL SPACE WALLS  
BASEMENT WALLS R-13 CAVITY OR R-10 CONTINUOUS  
SLABS SHALL BE R-10 FOR A DEPTH OF 2 FOOT  
A WINDOW U FACTOR OF .35 OR BETTER  
DUCTWORK NEEDS TO HAVE AN R-8 VALUE



- DWELLING / GARAGE OPENINGS BETWEEN GARAGE AND SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS SHALL BE EQUIPPED WITH SOLID WOOD OR STEEL DOORS NOT LESS THAN 1-3/8" THICK OR 20 MINUTE RATED DOORS, WITH SELF CLOSING DEVICES REQUIRED FOR GARAGE / DWELLING SEPARATION DOORS. IRC 502.2.1
- WHOLE HOUSE MECHANICAL VENTILATION SYSTEM IS REQUIRED FOR ANY DWELLING IN COMPLIANCE WITH IRC M 1505
- CARBON MONOXIDE DETECTORS REQUIRED IRC R 315
- STEEL COLUMNS SHALL BE MINIMUM SCHEDULE 40 R407.3
- DECK SHALL BE BUILT PER TABLES 507.2, 507.2.1, 507.3, 507.6, 507.5.1(1)(2), 507.5, AND 507.6
- STUDS SHALL BE CONTINUOUS BETWEEN FLOOR, CEILING AND OR ROOF DIAPHRAGMS R602.3
- ADDED REQUIREMENTS FOR WINDOW FALL PROTECTION R312.2
- NEW PROVISIONS FOR ATTACHMENT OF RAFTERS, TRUSSES AND ROOF BEAMS R802.3.1, R802.11
- INSULATION REQUIRED FOR ALL BASEMENT WALLS (INCLUDING UNFINISHED BASEMENTS) N102.1
- EXTERIOR WINDOWS/DOORS SHALL HAVE U-FACTOR 0.35 AND GLAZING SHALL HAVE SOLAR HEIGHT GAIN FACTOR OF 0.40 N102.1
- HOUSE LEAKAGE AND DUCT LEAKAGE PERFORMANCE STANDARDS EFFECTIVE JANUARY 1, 2014. A SAMPLE TESTING PROGRAM WILL BE IMPLEMENTED OCTOBER 1, 2012. KCBRC N102.4.1.2, N103.2.2
- PROGRAMMABLE THERMOSTAT REQUIRED N103.1.1
- AIR HANDLERS SHALL BE RATED FOR MAXIMUM 2% AIR LEAKAGE RATE N103.2.2.1
- BUILDING CAVITIES USED AS RETURN AIR PLENUMS SHALL BE SEALED TO PREVENT LEAKAGE ACROSS THE THERMAL ENVELOPE KCBRC N103.2.2
- CERTAIN HOT WATER PIPES SHALL BE INSULATED N103.4
- ALL EXHAUST FANS SHALL TERMINATE TO THE BUILDING EXTERIOR M1507.2
- MAKEUP AIR SYSTEM REQUIRED FOR KITCHEN EXHAUST HOODS THAT EXCEED 400 CFM M1503.4
- BUILDING CAVITIES IN A THERMAL ENVELOPE WALL (INCLUDING THE WALL BETWEEN THE HOUSE AND GARAGE) SHALL NOT BE USED AS RETURN AIR PLENUMS
- AN AIR HANDLING SYSTEM SHALL NOT SERVE BOTH THE LIVING SPACE AND THE GARAGE M1601.6
- A CONCRETE- ENCASED GROUNDING ELECTRODE ("UFER" GROUND) CONNECTION SHALL BE PROVIDED TO THE ELECTRICAL SERVICE E3608.1
- COMPLIANCE WITH THE REQUIREMENT AND SHOW CONNECTION AS NEEDED FOR ROOF BEAM, TRUS, RAFTER, AND GIRDER CONNECTION FOR UPLIFT PER IRC 802.11. ALL RAFTERS BE IN COMPLIANCE WITH IRC 502.11 AMENDED RAYMORE CODE



WINDOW SAFETY GLAZING PER 308

SAFETY GLAZING REQUIRED ALONG WALKING SURFACES AND STAIRS LOCATED WITHIN 36 INCHES HORIZONTALLY OF THE STEPS. SAFETY GLAZING REQUIRED IF EXPOSED SINGLE PANEL IS IN EXCESS OF 9 SQUARE FEET OR THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FINISHED FLOOR.

SAFETY GLAZING REQUIRED WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 40 INCHES ABOVE A WALKING SURFACE. SAFETY OR TEMPERED GLAZING IS REQUIRED.

WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2

WINDOW EGRESS REQUIREMENTS

BEDROOM WINDOW EGRESS MINIMUM FOR A DOUBLE HUNG WINDOW IS 34 INCH CLEAR WIDTH MIN. AND 24 INCH CLEAR HEIGHT MIN. WITH A CLEAR OPENABLE AREA OF 5.7 SQUARE FEET MIN.

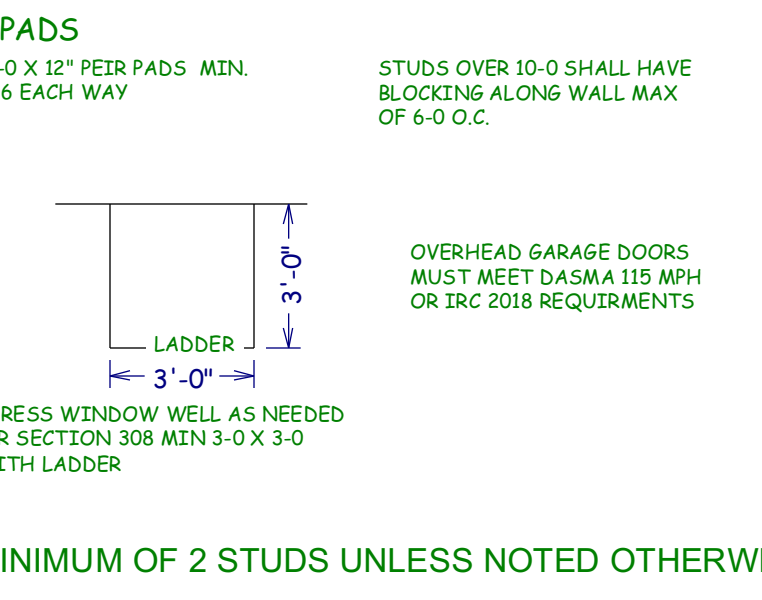
A CASEMENT OR SLIDER WINDOW MINIMUMS ARE 20 INCH CLEAR WIDTH MINIMUM AND 41 INCH CLEAR HEIGHT MINIMUM. WITH A MINIMUM 5.7 SQUARE FOOT OF OPENABLE AREA.

OPENING OF EGRESS WINDOW NOT MORE THAN 42" FROM THE FLOOR

EGRESS WINDOW WELL AS NEEDED PER SECTION 308 MIN 3-0 X 3-0 WITH LADDER

LADDER 3'-0"

OVERHEAD GARAGE DOORS MUST MEET DASHA 115 MPH OR IRC 2018 REQUIREMENTS



PURLIN LEG O.C. SUPPORT

2 X 6 DF NO 2 4'-0"  
2 X 8 DF NO 2 5'-4"  
2 X 10 DF NO 2 8'-0"  
2 X 12 DF NO 2 9'-6"

SUPPORT LEG FOR PURLINS

2 X 4 8'-0"  
2 X 4 W 2 X 4 T - BRACE 9'-7"  
2 X 6 W 2 X 6 T - BRACE 17'-2"  
2 X 8 W 2 X 6 T - BRACE 17'-4"

NOTE: LOCATE RAFTER TIES AS NEAR AS PRACTICAL TO THE TOP OF CEILING JOISTS

2 X 4 RAFTER TIES AT EVERY RAFTER TYP.

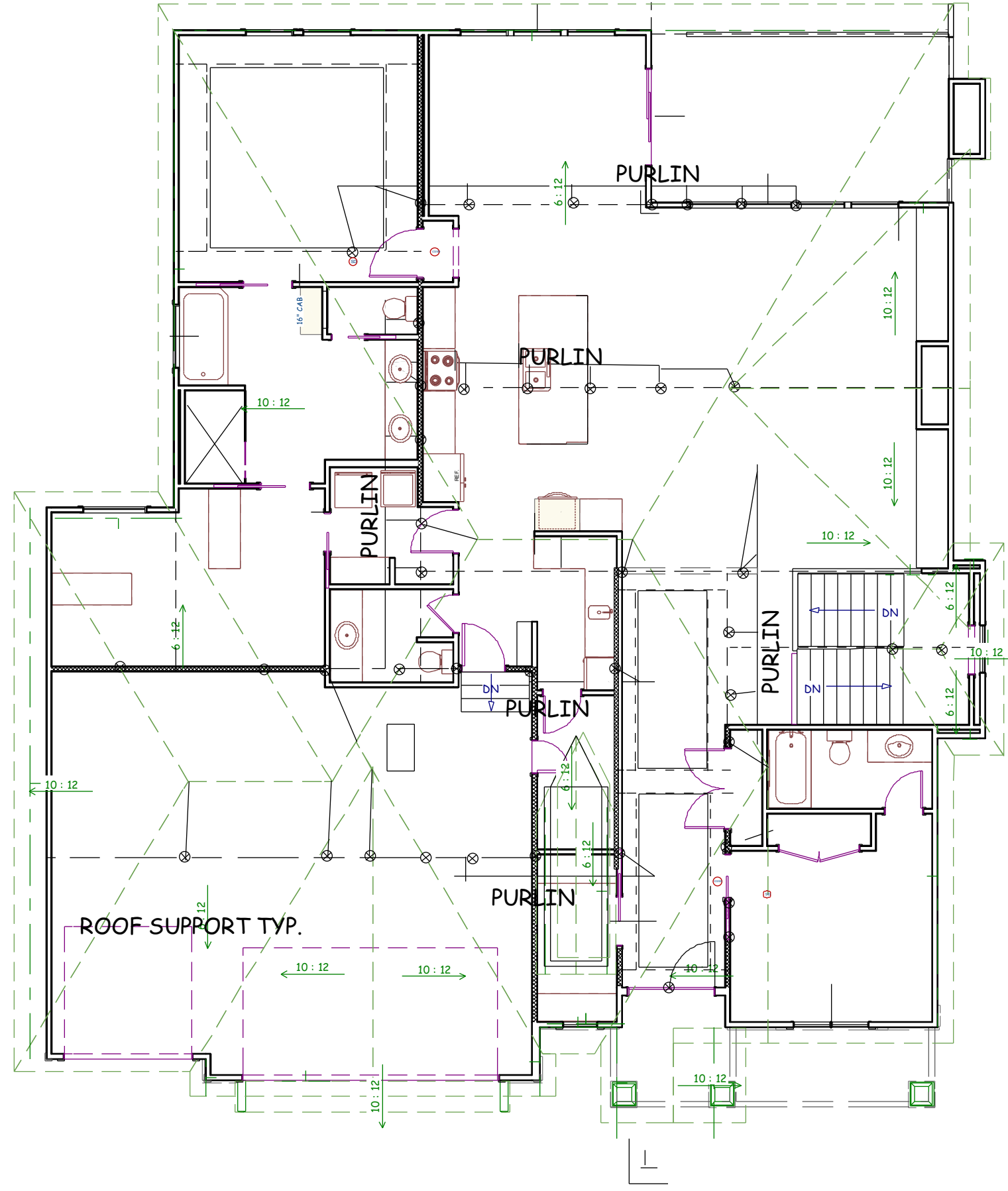
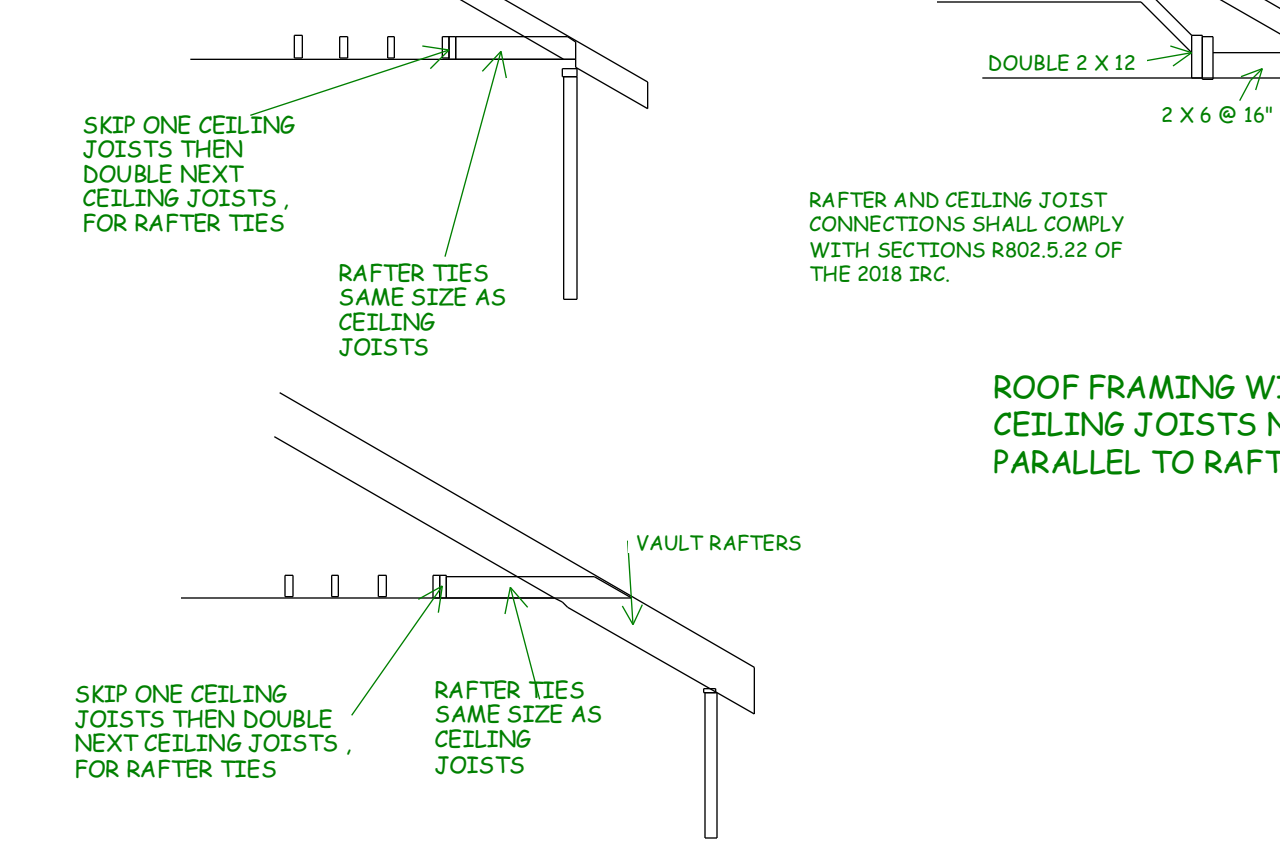
DOUBLE 2 X 12

2 X 6 @ 16" O.C.

RAFTERS AND CEILING JOIST CONNECTIONS SHALL COMPLY WITH SECTION R802.5.22 OF THE 2018 IRC.

RAFTERS TIES SAME SIZE AS CEILING JOISTS

ROOF FRAMING WITH CEILING JOISTS NOT PARALLEL TO RAFTERS



PURLIN PLAN  
1/8" = 1'-0  
RAFTER SPAN MAX. 14-0

ENGINEER:  
DANIEL NYBERG P.E.  
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