

August 4, 2025

Building Addition Update:

August 10 will mark four years since the building was acquired and the church was planted at 7508 Maurer Lane. Since that time our numbers have grown from a few folks gathering for prayer to 95 "members" with Sunday gatherings averaging around 75. While the church has experienced slow, steady numeric growth the real fruit is seen in the lives of the members and the collective culture and ministry of the community as a whole - the church. It has been, and continues to be, a beautiful mess.

Recognizing that we were nearing the maximum capacity of 80 people in our current facility, in June 2024 we began taking steps toward building an addition. We prayerfully began sharing our need for more space and by November we had received sufficient funds to cover the core construction costs. We contracted with a local builder and began the process of obtaining construction plans (attached), city building permits (status update attached), and planning and zoning approval (pending). During the process we discovered that, under current regulations, our project would require a Conditional Use Permit (CUP). We also learned that a zoning rule change, which would exempt our project from the CUP requirement, was pending and expected to be approved soon.

Avoiding the CUP process, which involves neighborhood meetings, additional filings, and zoning board approval, would reduce the total project cost significantly. So, on advice of counsel we have been awaiting approval of the zoning rule change, which has been delayed multiple times. We understand that it is still under review by Metro Council and are hopeful that we are "nearing the finish line." If the change is not approved, we intend to proceed with the CUP process. In the meantime, we are waiting (Psalm 27:14), abiding (John 15:5), and being the church at Maurer Lane (Acts 2:42, Matthew 28:18-20, etc.).

In many ways the delay has been a blessing. It has drawn us closer to one another (especially on days when we have more people than chairs) and to Him as we sense Him preparing us for what's next. Below is a link to a 4-minute video update highlighting the first 4 years and concluding with new faces and recent baptisms.

<https://vimeo.com/1101644511>

Please keep us in prayer and let us know if you have any questions or would like more information.

General:

1. Contradictions &/ Errors in these drawings: any disagreements, contradictions and/or errors that may be discovered in these drawings shall be reported to the engineer before construction who shall help resolve them.
2. Precedence: the contract among the owner, building supplier and builder(s) shall take precedence over these drawings.
3. Changes for Code: charges for changes required by Code or structural safety shall be negotiated among the effected parties.
4. All equipment including but not limited to doors, windows, joist hangers, etc. shall be installed in accordance with the manufacturer's instructions and the Building Code.
5. These are general notes to supplement the drawings. Items referred to in these notes, but not shown on the drawings are not used on this project and are not required.

Wood Structure:

1. Unless specifically noted on the drawings: no one shall cut, notch or drill any trusses, headers, beams, posts, girts, purlins or flanges of joists.
2. Any member repairs or replacement shall be as specified in writing by a licensed engineer & the expense of the repair is the responsibility of the party creating the damage.
3. Dimension lumber shall be designed in accordance with the latest edition of the *National Design Specification for Wood Construction* (ANSI/APA NDS) and its supplement.
4. Metal plate connected wood trusses shall be designed in accordance with the latest edition of the *National Design Standard for Metal Plate Connected Wood Construction* (ANSI/TPI 1). Design shall be provided & certified by others. The engineer sealing these drawings cannot be held responsible for trusses.
5. All members shall be the size, grade and species as shown on these drawings.
6. SYP and/or SP shall designate Southern Pine Lumber kiln dried to 19% moisture content.
7. MSR shall designate machine stress rated lumber.
8. LVL and/or Micro-Lam shall designate laminated veneer lumber.
9. SPF shall designate Spruce-Pine-Fir.
10. PT shall designate pressure preservative treated lumber.
11. Pressure preservative treated lumber shall be treated with waterborne preservative and bear the quality mark of an approved inspection agency. Posts and skirts be protected with pressure preservative chemical treatments to retention levels for Use Category UC4B or better per AWPA-U1.
12. Unless noted, bracing shall be 2x4 #2 SPF located as shown on the drawings and attached as shown in the fastener schedule.
13. Unless noted otherwise, all sidewall bearing posts shall be carefully notched for truss bearing. The bearing surface shall be smooth, flush and in tight contact with the truss.
14. Unless noted otherwise, end trusses shall be nailed to the face of the corner & end posts as noted in the fastener schedule. End posts shall extend to the top chord of the truss and/or gable framing.
15. If this project includes Conventional Light-Frame Construction, it shall be in accordance with Section 2308 of the IBC and any details not specifically shown in these drawings shall be in accordance with *Details for Typical Wood Frame Construction* by the AF&PA.
16. Conventional solid sawn dimension lumber joists may be notched and/or drilled as shown in Figure 28 of *Details for Typical Wood Frame Construction* by the AF&PA. The webs of joists may be cut in accordance with the manufacturer's instructions.

Steel Panels used as Siding, Roofing & Trim:

1. Shall be fabricated from 0.0149" minimum thickness steel with galvanized or galvalume coating.
2. Shall be pre-finished with Ceram-a-star silicone modified polyester system or equal.
3. Shall be fastened with #9 (minimum) galvanized self drilling screws with neoprene rubber gaskets. Screws shall penetrate supporting member 1" minimum.
4. Unless noted otherwise, all screws shall be installed in the flats except that stitch screws & screws attaching trim shall be installed in the ribs.
5. Stitch screws (if required) shall be located as noted in these drawings. Stitch screws shall be #12 x 3/4" OR #9 x 2".
6. Steel panels placed in contact with treated wood shall be used in

accordance with the manufacturer's instructions. A barrier if required shall be Grave Vyocor or equal.

Concrete:

1. Minimum 28 day compressive strength: pads & unreinforced footings - 2,500 psi; reinforced pads & footings - 3,000 psi; slabs-on-grade - 3,000 psi. Unless plasticizers are used slump shall be 4". No water shall be added at the job site.
2. Precast pads shall be designed & specified by the manufacturer.
3. All concrete exposed to weather shall have 5% minimum and 7% maximum entrained air.
4. If shown on the drawings, all reinforcement shall be grade 60, deformed, and conform to ASTM A-616, A-617 or A-706 & located within 1/2" of the location shown on these drawings. If not shown on drawings it is not required.
5. If shown on the drawings, horizontal bars shall be lap splice: #3 - 22"; #4 - 29"; #5 - 36". Reinforcement shall be secured so as not to move while concrete is being poured. Cover shall be: cast against earth - 3"; other bars #8 & larger - 2"; all other bars - 1 1/2".
6. If shown on the drawings, welded wire reinforcement (WWR) shall be used as shown in these prints. WWR shall conform to ASTM A-185 & be within the top third of the slab depth. Lap WWR 2 cross wires plus 8".
7. Remove all vegetation, roots, topsoil, debris and any soft material beneath the slab-on-grade and/or foundations. All fill shall be well graded granular material such as pit run sand & gravel.
8. Place all fills in lifts no higher than 8" & compact with equipment expressly designed for soil compaction to 95% Modified Proctor Density. Minimum slab thickness is determined by others.
9. Except for buildings where migration of moisture through the slab will not be detrimental, and/or for particularly dry states, a 6 mil polyethylene vapor retarder with joints lapped 6" minimum shall be placed beneath the base course or sub grade & the concrete. On particularly wet sites under floor and/or perimeter drains shall be installed as required in addition to the vapor retarder.
10. Concrete shall be consolidated by vibration or equal so that it is thoroughly worked around rebars, into corners, etc., so there is no honeycombing, pitting, or planes of weakness. Vibrators shall not be used to transport concrete within forms.
11. The slab shall be provided in accordance with good concrete practice. The interior slab shall have a troweled finish, exterior flat work shall have a non-slip broom finish. Premature drying of the concrete shall be prevented by application of an approved curing compound or equal.
12. Concrete will not be placed when air temperature is below 40° F unless in accordance with Chapter 11 of *Design & Control of Concrete Mixtures* by the PCA.
13. Excess concrete shall not be dumped at the job site.
14. Concrete pads for mechanical & electrical equipment shall be provided; size & location coordinated with the appropriate subcontractor.

WARNINGS Buildings with NO Floor Slab:

1. Moisture migrating from the earth will usually cause condensation on the underside of the ceiling/ roof in the winter months. A vapor retarder installed similar to Concrete note 9 is recommended.
 2. On a wet site traffic close to the posts can cause the walls to shift.
- Erection:**
1. Job site safety is the responsibility of the erector. Neither the building supplier and their employees, nor the engineer can be held responsible for damage or injuries during construction. Only permanent bracing is shown on the prints. The erector shall provide additional temporary bracing as required to maintain safety & stability during erection.
 2. It is the responsibility of each contractor and/or the owner to properly receive, unload & store materials without damaging them.
 3. Post-Frame Buildings shall be erected in accordance with: the *BCSI-B10 Post-Frame Truss Installation & Restraint & Bracing* distributed by the Structural Building Components Association and *Accepted Practices for Post-Frame Building Construction: Framing Tolerances, & Accepted Practices for Post-Frame Building Construction: Metal Panel and Trim Installation Tolerances*, distributed by the National Frame Builders Association.
 4. Conventional wood frame construction shall be erected in a workman like manner.

Permits & Required Inspections:

Each contractor and/or the owner shall have an up to date set of drawings on the job site; obtain the proper local building permits; and ensure all required local inspections are made.

Roof & Wall Penetrations:

Each contractor who penetrates the roof and/or wall shall make the penetration weather proof with flashing and caulking as required. Workmanship shall be neat & clean.

Foundation:

1. Foundation design is based on Type 4 Loose soil as described in the table below. This shall be field verified by others as required.
2. Post back fill: shall be the inorganic portion of the excavated soil in accordance with ASABE EP 486 Section 4.3.2 compacted to at least its pre-excavation density.
3. Erosion protection: provisions shall be made to prevent soil erosion and direct the water away from the foundation. (Responsibility of the owner, unless specifically purchased from the Builder.)

ANSI/ASAE EP 489 Table 1 - Presumed soil properties

for post foundation design (for use in absence of codes or tests)

TYPE	Description	S Lateral	S Vertical
3 Firm	Firm sandy gravel	300 psf/ft	2000 psf
3 Loose	Loose sandy gravel	200 psf/ft	2000 psf
4 Firm	Firm silty/ clayey sand	200 psf/ft	1500 psf
4 Loose	Loose silty/ clayey sand	150 psf/ft	1500 psf
5 Medium	Medium clay, sandy clay	130 psf/ft	1000 psf
5 Soft	Soft clay, sandy clay	100 psf/ft	1000 psf

(This table has been condensed for these notes.)

Structural Framing Fastener Schedule:

1. If the members listed below are used on this project, they shall be fastened as noted. For items that are not listed below, fastening is shown in the detail drawings. If items are shown in both locations, the detail shall govern, for structural items appearing in neither contact the building supplier. Nail sizes are minimum.
2. In this table, 'post' means bearing post & 'stub post' means blocking between the truss & header/ support.
3. TLCKD4 refers to a self-drilling screw 0.189" x 4", ESR-1078.
4. Fasteners shall be pre-drilled as required to avoid splits.

Member to Member	Qty	Fastener/ remarks
Cleats to post	5	0.135"x3.5" GRS
Skirt to post	4	0.135"x3.5" GRS
Girts to Post	4	0.131 x 3" GRS
Truss to post	3	0.135"x3.5" GRS
Truss to stub post	3	0.135"x3.5" GRS
Stub post to truss header	2	0.135"x3.5" GRS
End truss to Post	4	0.135"x3.5" GRS
Purlin to Truss	2	0.120x 3" RS nails
Supports & Headers to Post	-	See Details
Braces	2	0.135 x 3.5"GRS each connection
Boxing to Headers	1	0.135 x 3.5" at 9" oc
Bearing Block to Post	-	See Details

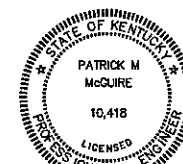
Design Criteria:

- Remarks:
1. This information has been supplied by the building supplier and/or owner. The engineer accepts no responsibility for inaccurate information supplied by others.
 2. Occupant Load less than 300
 3. 2015 IBC as amended & adopted by the state of Kentucky.

Parameter		Remark
Building Code:	2018 KY BC	3
Risk/ Use category	II	2
Roof material	Metal	
Ground snow, psf:	10	
Minimum roof snow, psf:	-	
Top chord live, psf:	20	
Top chord dead, psf:	10	
Bottom chord dead, psf:	10	
Wall dead, plf:	5	
2nd floor live, psf:	N/A	
2nd room floor dead, psf:	N/A	
Wind, Vult mph:	115	
Wind Exposure:	B	
Wind Enclosure:	enclosed	
Seismic, Ss	0.206	
Seismic, site class:	D	
Seismic Design Category	C	

Certification Notes:

1. The intent of these drawings & notes is to convey structural information. They are for an experienced post-frame erection crew. Information for general construction methods and/ or specific elements such as track and man doors must come from the building supplier and/ or industry standard publications.
2. This certification is for structural design only. All other matters of Code compliance including but not limited to egress, fire resistance, etc., are the responsibility of others. The engineer certifying these drawings is not the Engineer of Record.
3. Special inspections are beyond the scope of work of the engineer sealing this document
4. If it is suspected that this document has been modified, substituted, or altered in any way, contact the Engineer directly to obtain a copy.



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Christ's Church
at Maurer Lane, Inc**
Rick Hughes,
Co-Pastor
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church addition

Drawings Prepared by:

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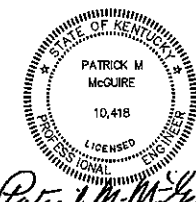
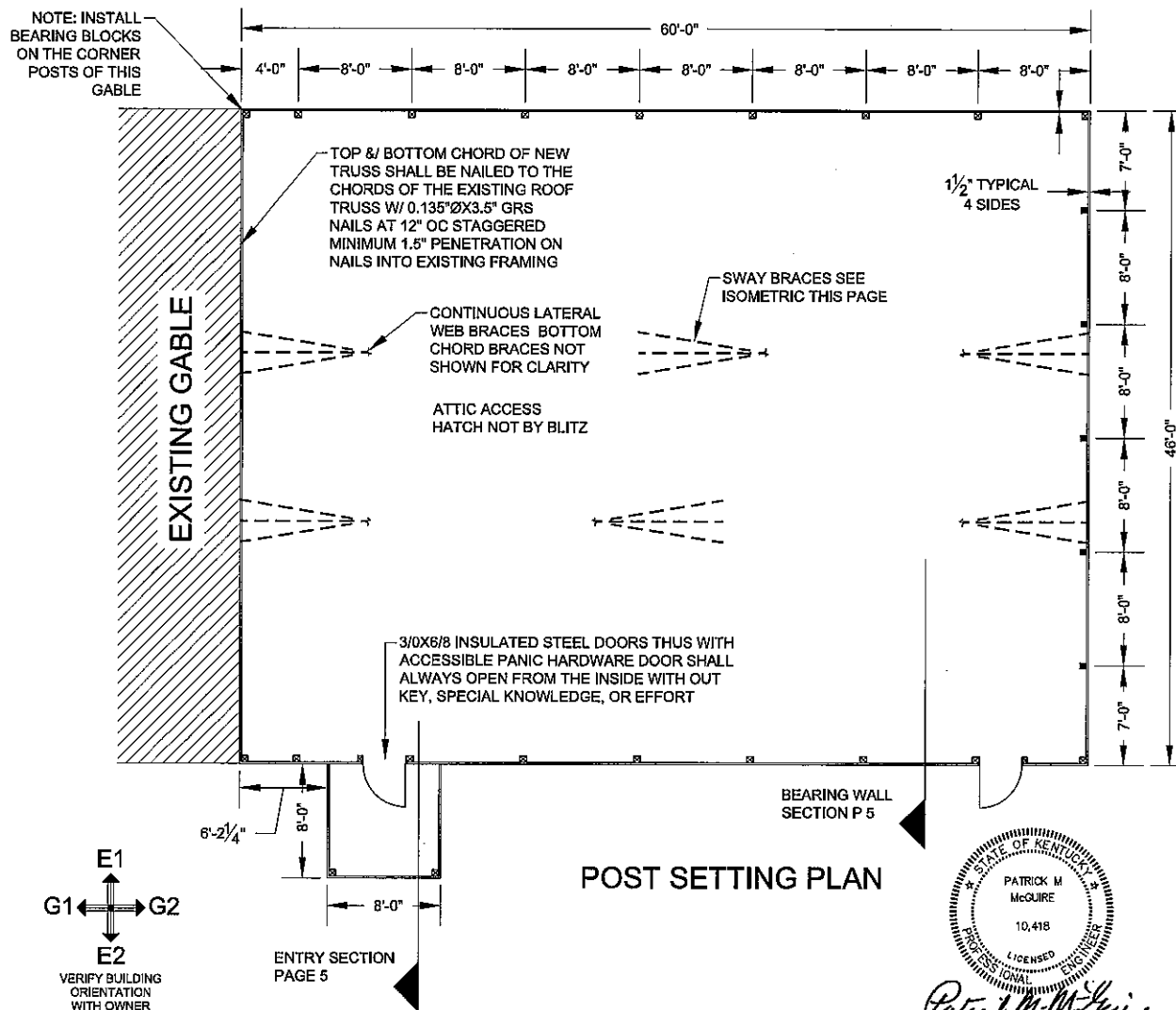
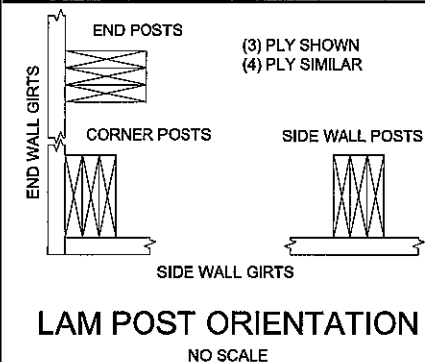
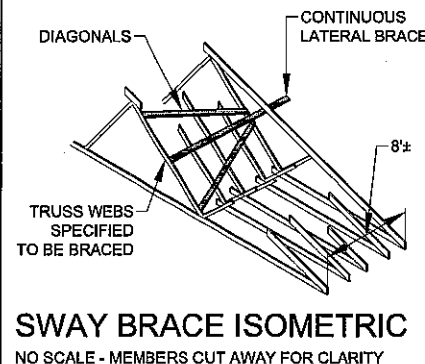
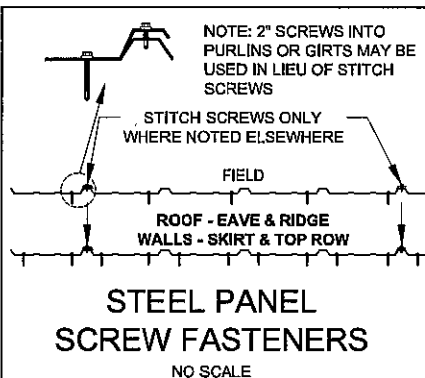
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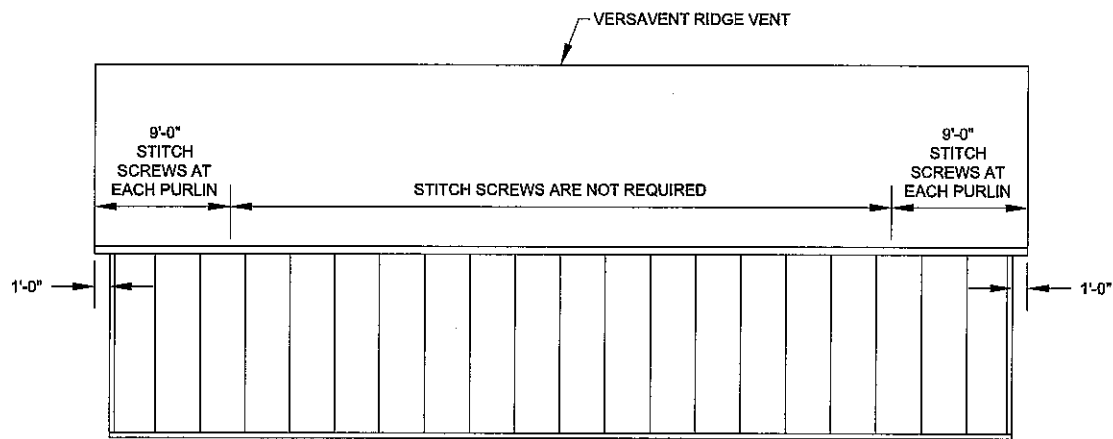
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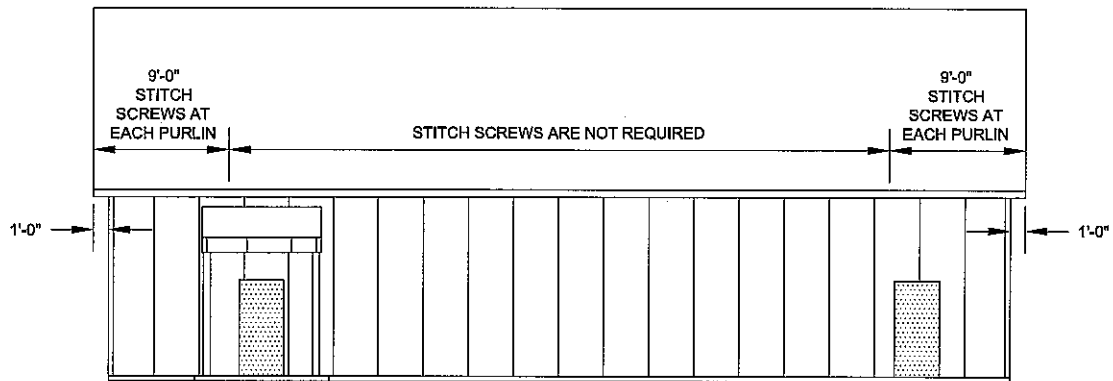
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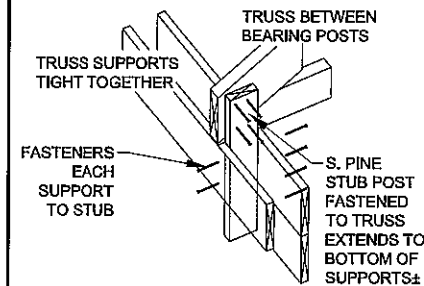
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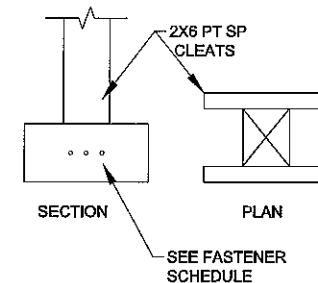
ELEVATION EAVE 1



ELEVATION EAVE 2



STUB POST DETAIL 3
NO SCALE - REFER TO FASTENER SCHEDULE FOR FASTENER TYPE & QUANTITY



CLEAT DETAILS
NO SCALE



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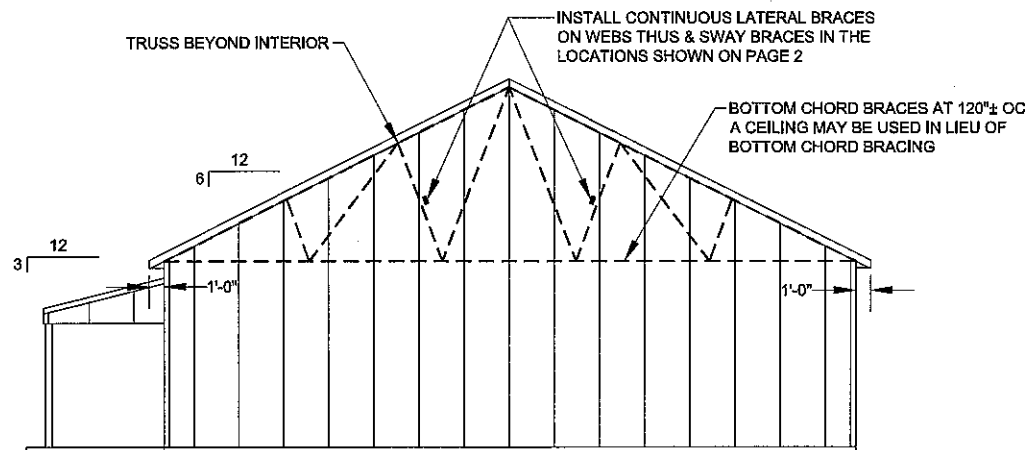
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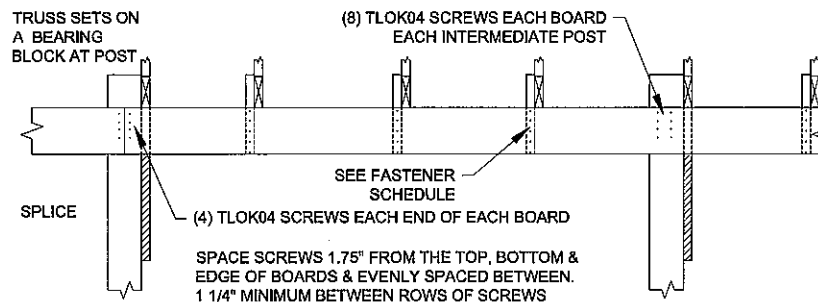
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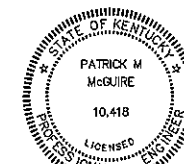


ELEVATION GABLE 2



TRUSS SUPPORT FASTENING

NO SCALE -- ONE MEMBER SHOWN FOR CLARITY



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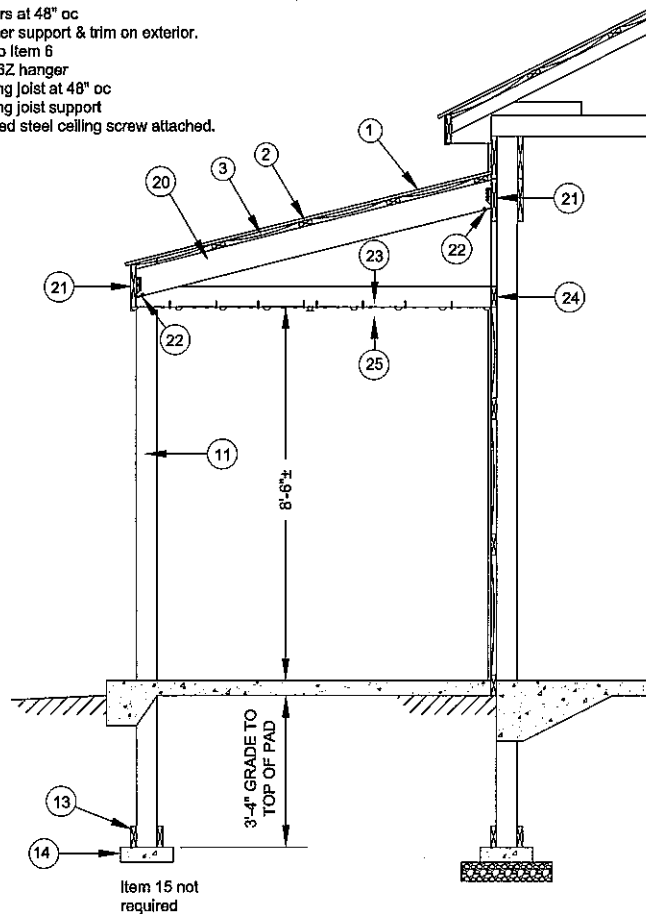
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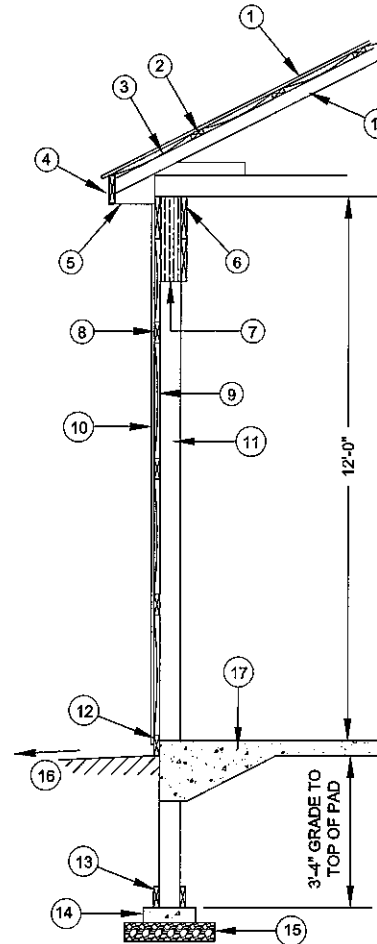
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Materials:

- 20 2x8 #2 SP rafters at 48" oc
- 21 2x12 #2 SP rafter support & trim on exterior.
Fasten similar to Item 6
- 22 Simpson LRU26Z hanger
- 23 2x6 #2 SP ceiling joist at 48" oc
- 24 2x6 #2 SP ceiling joist support
- 25 29 Ga prefinished steel ceiling screw attached.



ENTRY SECTION
NO SCALE

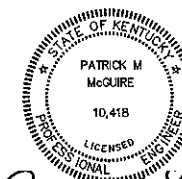


BEARING WALL SECTION
NO SCALE

Materials:

- 1 29 Ga prefinished steel roofing screw attached.
- 2 2x4 #2 SPF purlins at 24" oc.
- 3 Plyfoi condensation retarder
- 4 2x Fascia & trim
- 5 Soffit vented eaves, solid gables
- 6 (3) 2x12 #2 SP truss supports see detail Page 4 for fastening
- 7 2x6x24"± SP bearing block w/ (12) 0.135"Øx3.5" PFRS nails per block.
- 8 2x6 #2 SP girts at 36"± oc
- 9 Tyvek or equal house wrap
- 10 29 Ga steel siding screw attached
- 11 EAVES 6x6 #2 PT SP solid sawn posts. GABLE (3) ply 2x6 #1 SP laminated posts by Steinkampf or equal. Run posts from top of the truss to the top of the pad
- 12 2x8 PT skirt board
- 13 2x6x9" PT SP cleats
- 14 14"ØX4" precast pad
- 15 EAVES 24"Øx5" layer of #57 crushed stone or equal. Tamped tight & level for flush bearing of concrete pad. GABLE & 3/Ø DOOR POSTS - not required
- 16 Slope grade away from building per Code.
- 17 Concrete slab top of slab shall match top of existing existing slab.
- 18 MPC wood trusses at 24" oc± Designed & certified by others.

NOTE: Insulation, fire blocking, interior finishes, etc. shall be specified by others in accordance with the Building Code.



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