



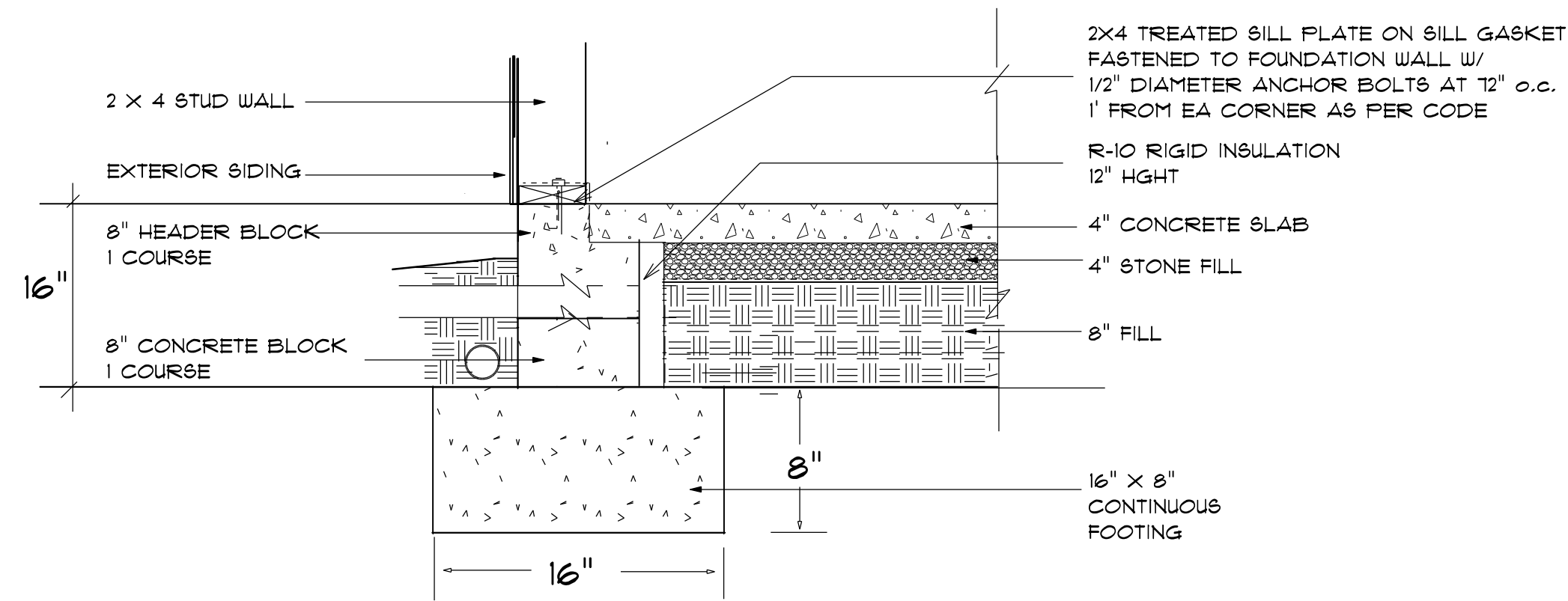
REAR ELEVATION
SCALE: 1" = 1/4"



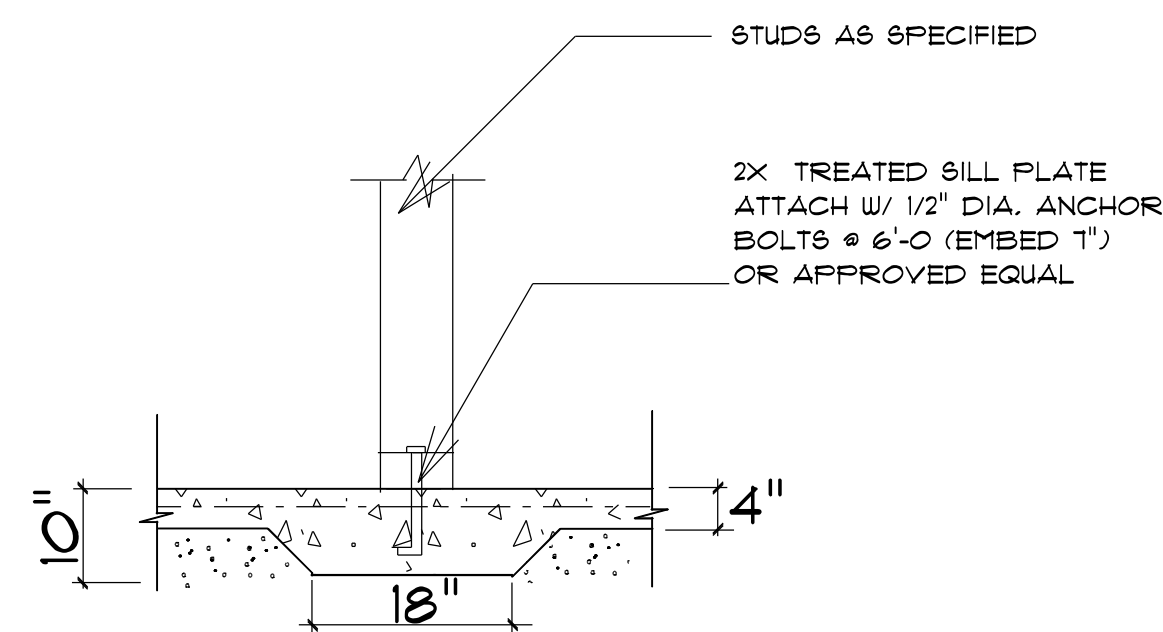
LEFT ELEVATION
SCALE: 1" = 1/4"



RIGHT ELEVATION
SCALE: 1" = 1/4"



STEM WALL FOUNDATION Detail
not to scale



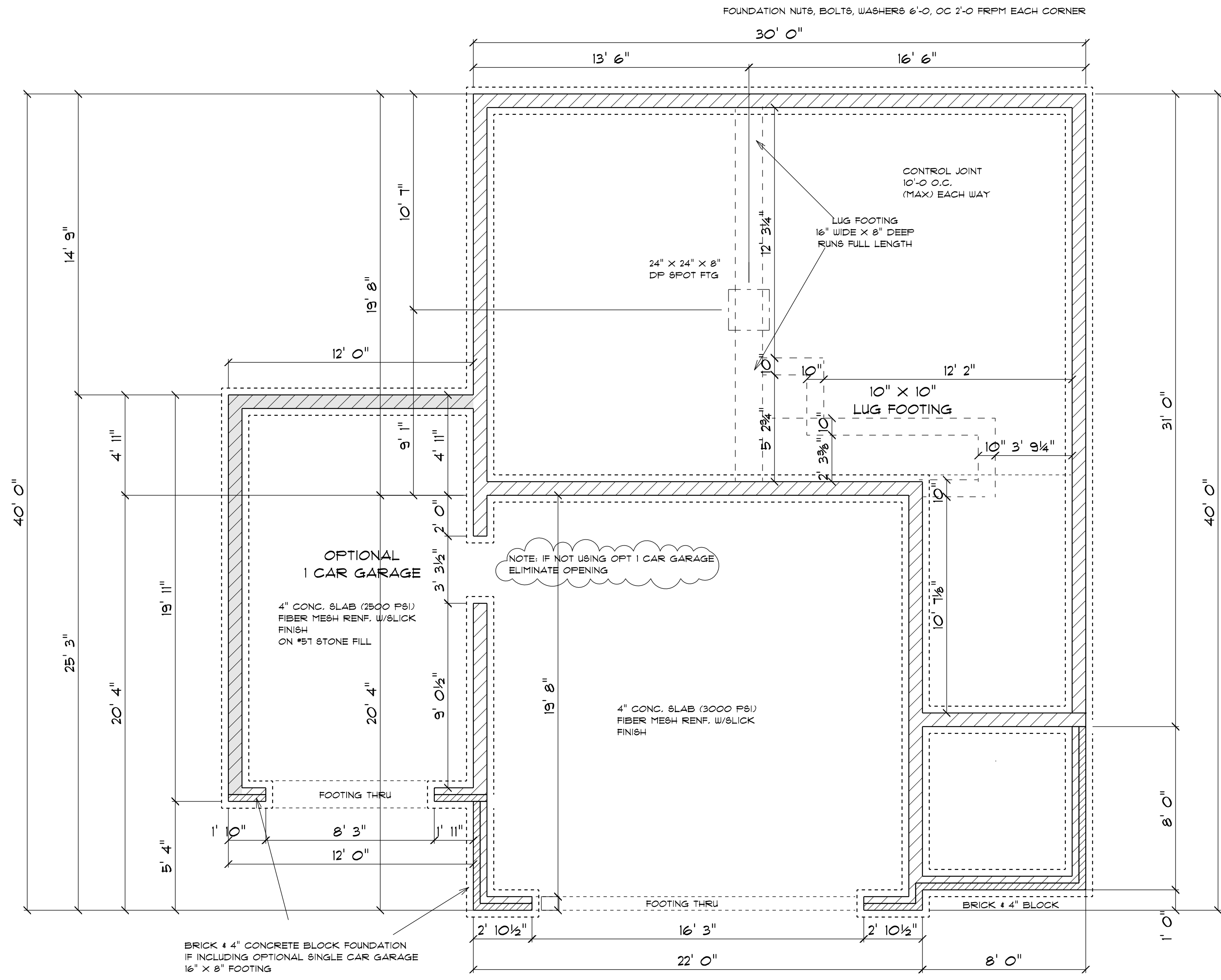
TYPICAL THICKENED SLAB not to scale

PROVIDE EXPANSION JOINTS AT THE EDGES OF SLABS THAT ARE NOT HEATED OR THAT ARE EXPECTED TO CHANGE TEMPERATURE SIGNIFICANTLY OVER THEIR LIFETIMES
ALSO PROVIDE EXPANSION JOINTS TO ISOLATE BUILDING ELEMENTS THAT PENETRATE SLABS SUCH AS STRUCTURAL COLUMNS, WALLS, OR PLUMBING

WELDED WIRE MESH OR REBAR REINFORCEMENT
4" MINIMUM CONCRETE SLAB
6 MIL POLYETHYLENE CONCRETE RATED MOISTURE BARRIER
4" MIN. COMPACTED GRAVEL -- GRAVEL MUST BE CLEAN AND FREE FROM ORGANIC MATTER
SOIL MUST BE SOLID AND FREE OF ORGANIC MATERIAL -- SOME SOILS REQUIRE COMPACTION -- IN TERMITE AREAS THE SOIL MAY REQUIRE CHEMICAL TREATMENT -- CONTRACTOR TO VERIFY COMPACTION AND SOIL TREATMENT REQUIREMENTS OF LOCAL AREA

CONTROL JOINTS
PROVIDE CONTROL JOINTS TO INDUCE CRACKING AT SELECTED LOCATIONS -- TROWEL OR CUT JOINTS INTO THE SURFACE OF SLABS TO ABOUT 1/4 OF THE SLAB DEPTH AND AT 20 FT. INTERVALS -- COLD JOINTS CAN ACT AS CONTROL JTS

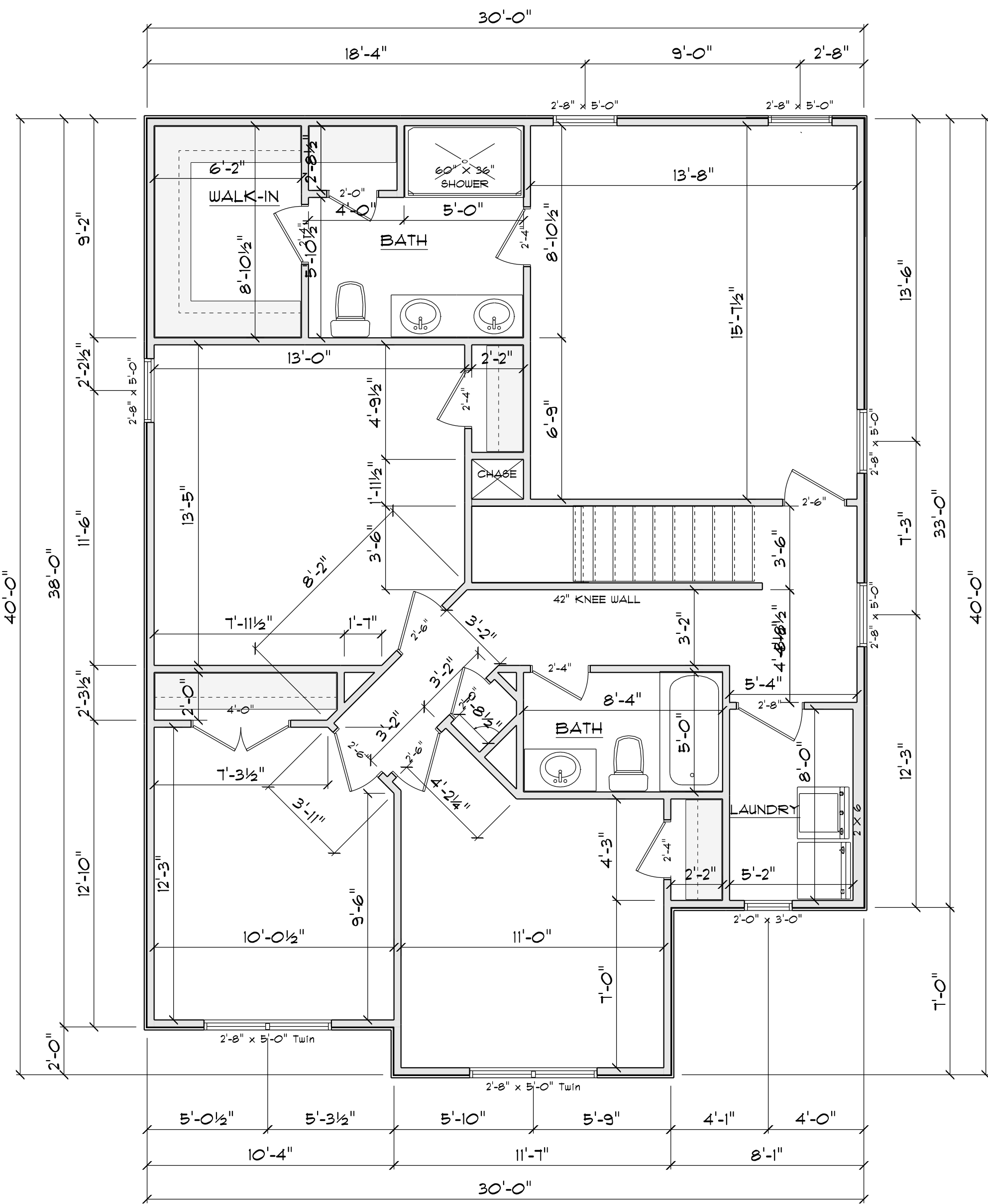
CONCRETE SLAB DETAILS / NOTES
not to scale



FOUNDATION PLAN
SCALE: 1" = 1/4"

Termite Soil Treatment: Treat entire slab area soil or crawl space surface before vapor barrier is installed and slab is poured with a state approved termiticide. Termiticide should be applied by a licensed and certified pest control professional by the state of North Carolina.

FOUNDATION NOTES:
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL.
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI
PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.
FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.
FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSI.
PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND SURFACE IN CRAWL SPACE
ALL ANCHOR BOLTS TO BE 12" LONG, 1/2" DIA. A36 UNO ANCHOR BOLTS SHALL BE 8" SPACE AT A MAX OF 6' OC AND NO MORE THAN 1" FROM EA CORNER.



2ND FLOOR PLAN

SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	1093.4 sq. ft.

OPENING SCHEDULE				
R.O. HEIGHT	R.O. WIDTH	LIBRARY NAME	COUNT	SIZE
60-1/2"	32"	Window\Double Hung	5	2'-8" x 5'-0"
36"	24"	Window\Double Hung	1	2'-0" x 3'-0"
60-1/2"	64-1/2"	Window\Double Hung	2	2'-8" x 5'-0" Twin

GENERAL FRAMING NOTES:

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

FRAMING LUMBER SHALL BE SYP #2 GRADE AND/OR SPRUCE PINE FIR #1 AND/OR #2, KILN DRIED.

WHERE PRE-ENGINEERED JOISTS ARE USED, JOIST MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N.C. ENGINEER.

STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN THE MEMBER TO ITS ORIGINAL CAPACITY.

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" ON AN USE 3-16d NAILS 2" IN AT EACH END. DOUBLE ALL STUDS UNDER ROOF POST DOWNS UNO.

NAIL FLOOR JOISTS TO BILL PLATE WITH 8d TOE NAILS.

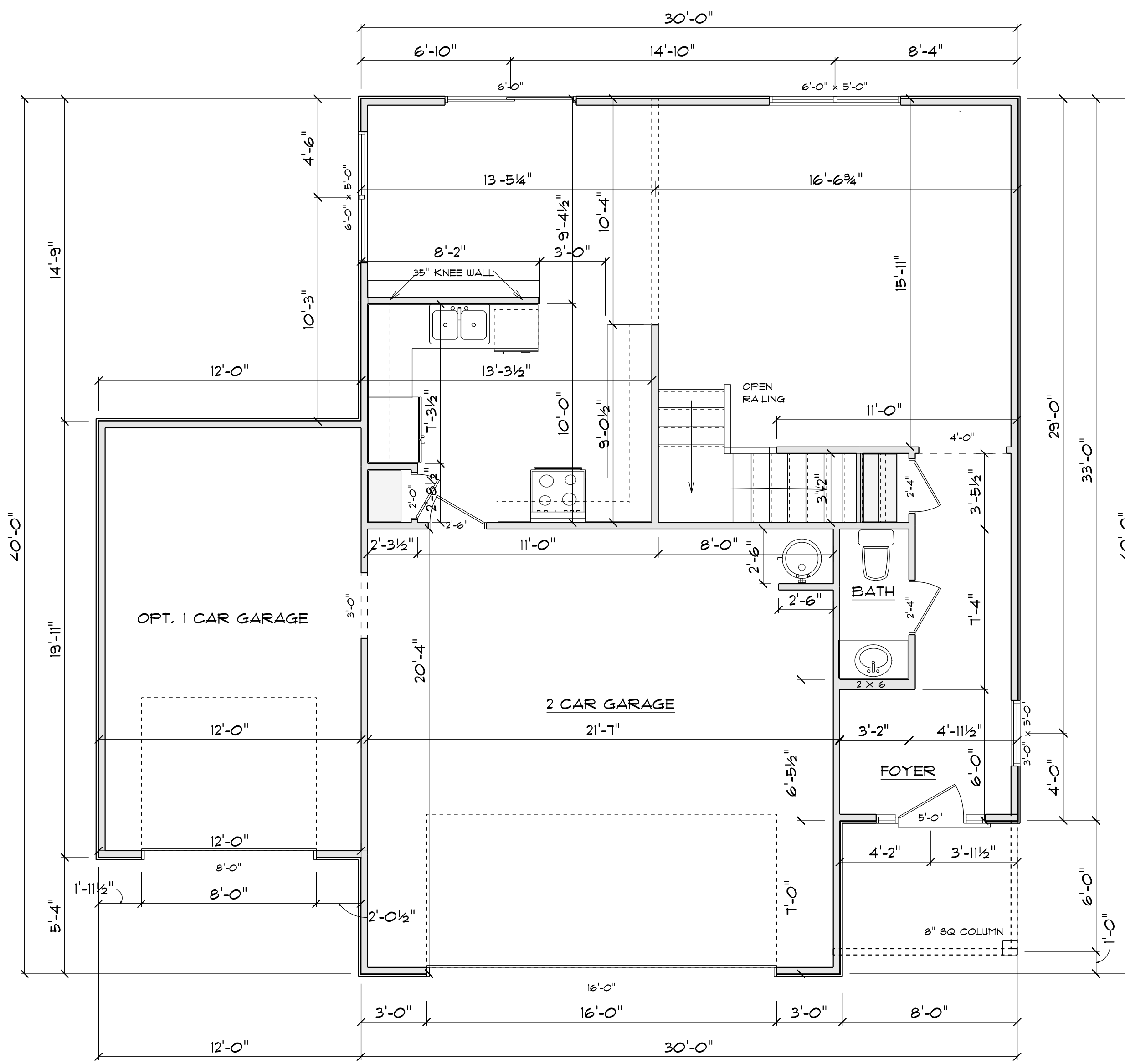
ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESSURE TREATED.

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE BASED ON 2 X 4 STUDS UNO. DOUBLE STUDS UNDER ALL HEADERS.

LVL'S AND TJI'S TO BE SIZED BY OTHERS

EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

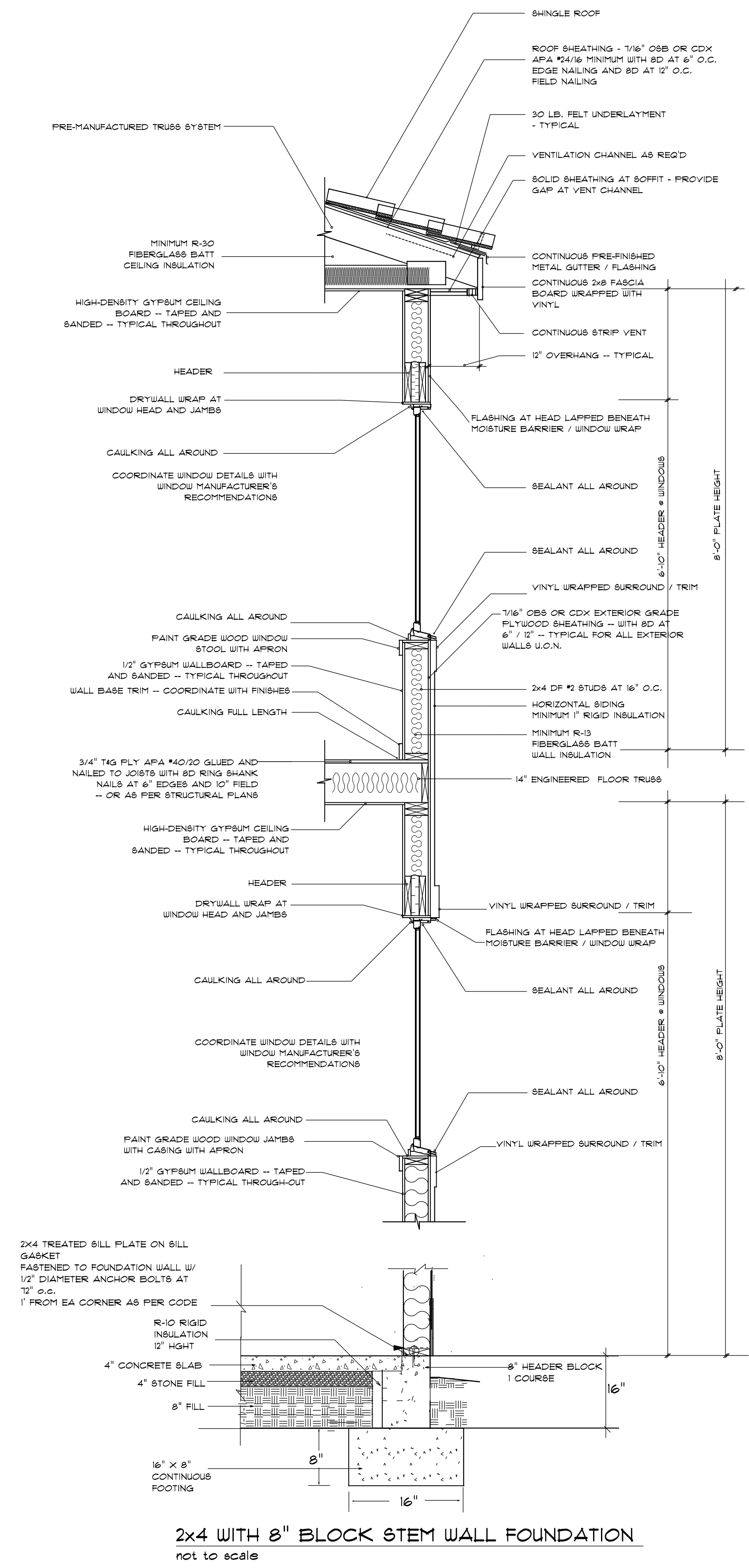


1ST FLOOR PLAN

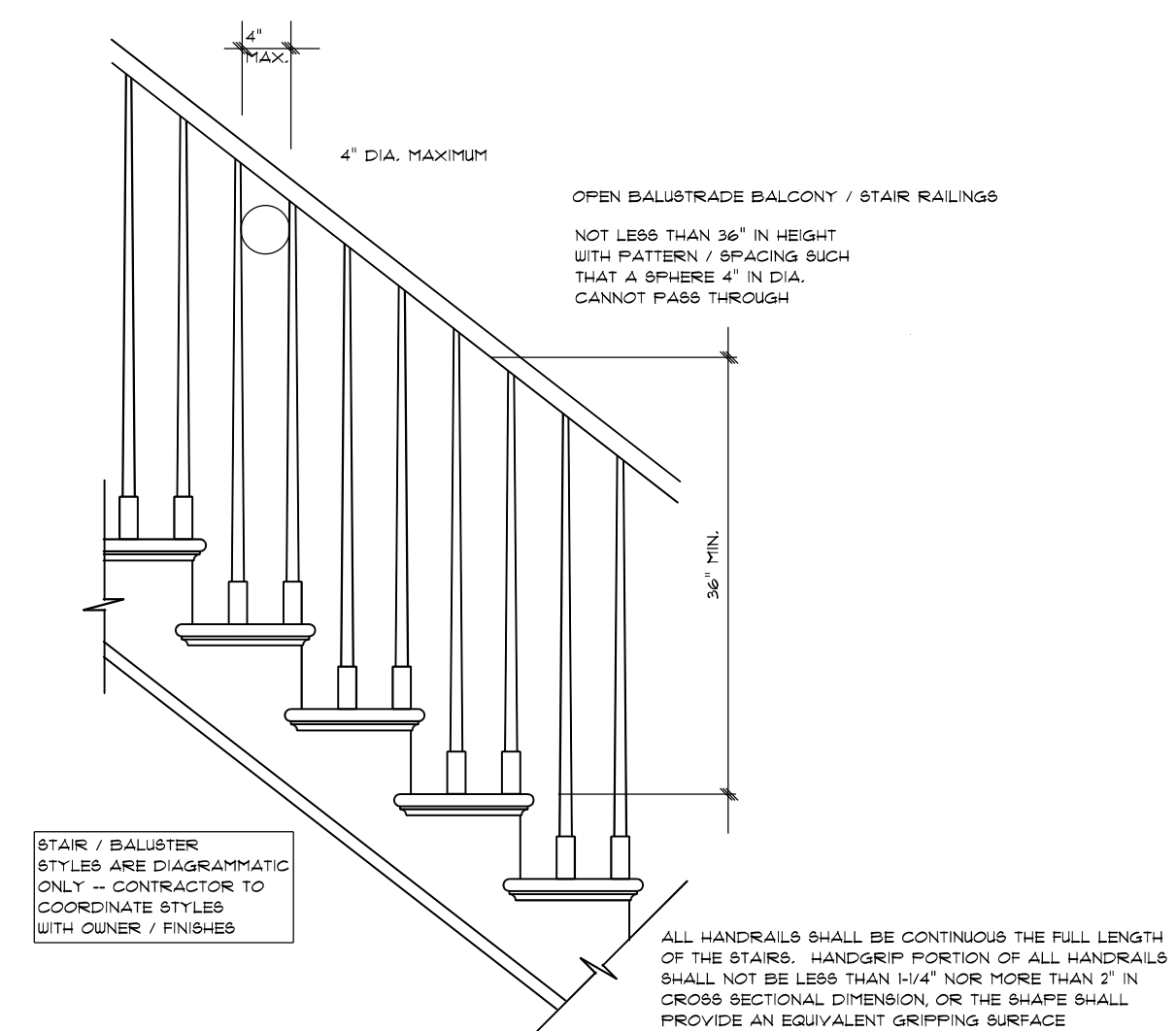
SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	701 sq. ft.
2 Car Garage	448 sq. ft.
Covered Front Porch	54.9 sq. ft.
Opt. 1 Car Garage	251.2 sq. ft.

OPENING SCHEDULE				
R.O. HEIGHT	R.O. WIDTH	LIBRARY NAME	COUNT	SIZE
80-1/2"	72"	Exterior Door\Patio	1	6'-0"
60-1/2"	36"	Window\Double Hung	1	3'-0" x 5'-0"
60-1/2"	72-1/2"	Window\Double Hung	2	2'-8" x 5'-0" Twin



2x4 WITH 8" BLOCK STEM WALL FOUNDATION
not to scale



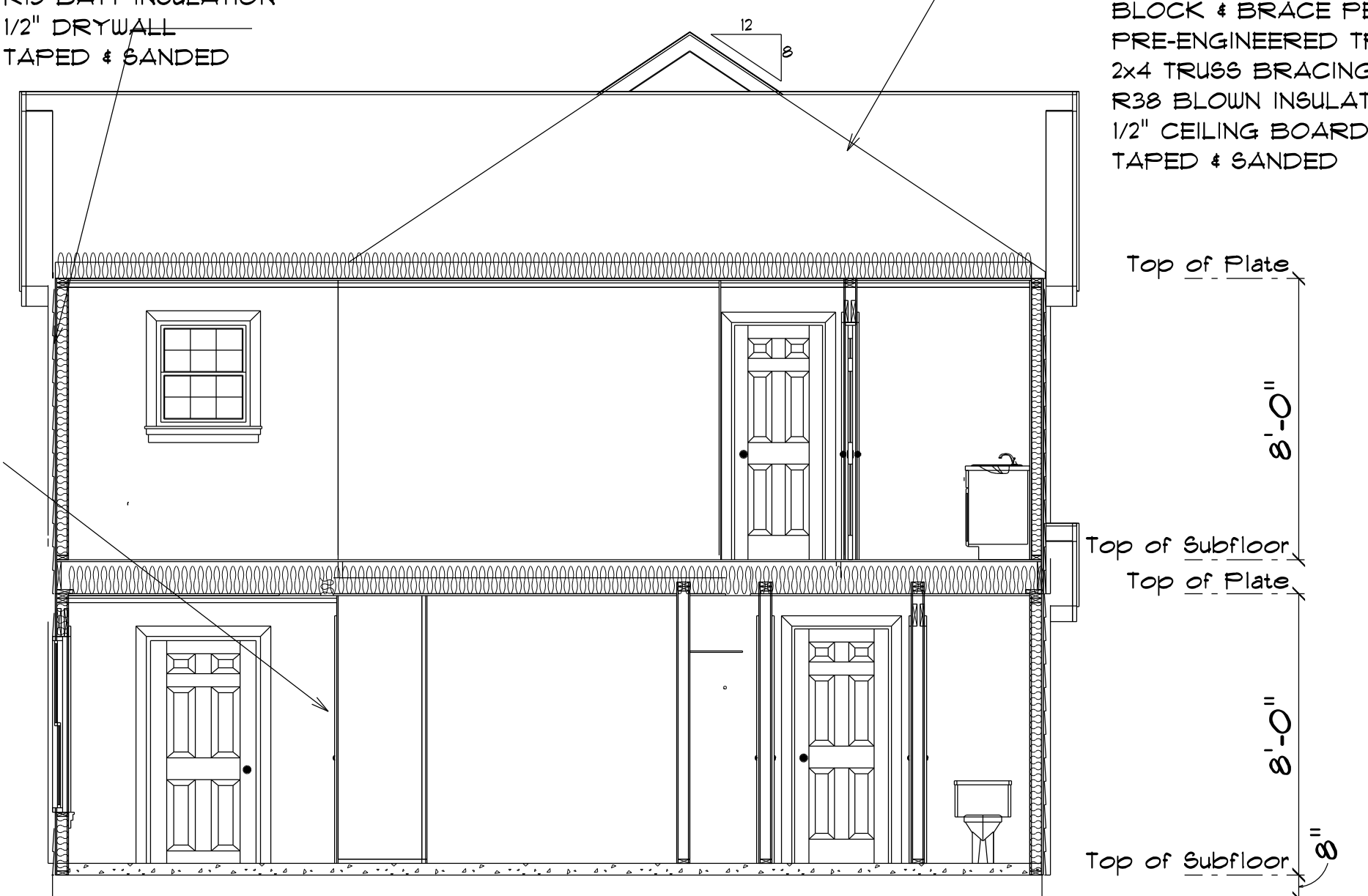
STAIR RAILING

ROOF NOTES:
TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.
IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.
DO NOT CUT OR REMOVE CHORDS OR OTHER TRUSS MEMBERS.
DO NOT NOTCH OR DRILL TRUSS MEMBERS.
WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.

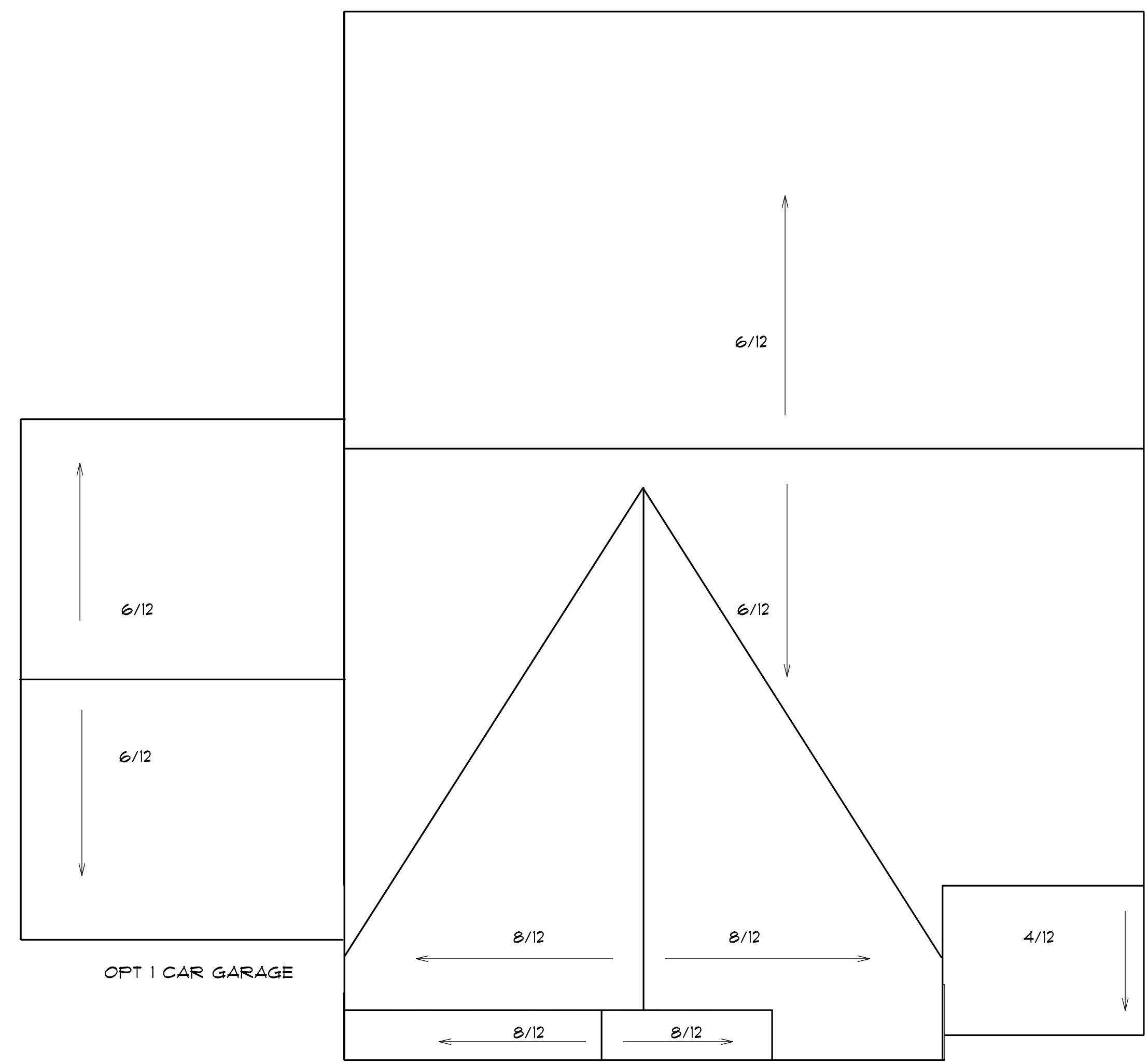
TYPICAL 2x4 SIDING EXTERIOR WALL:
VINYL SIDING
1/16" PLYWOOD SHEATHING
2x4 STUDS @ 16" o.c.
R15 BATT INSULATION
1/2" DRYWALL
TAPED & SANDED

TYPICAL 2x4 WALL:
1/2" DRYWALL
TAPED & SANDED
2x4 STUDS @ 16" o.c.
1/2" DRYWALL
TAPED & SANDED

TYPICAL TRUSS ROOF:
SHINGLES
1/16" ROOFING PLYWOOD c/w
1" CLIPS
BLOCK & BRACE PER TRUSS MGR.
PRE-ENGINEERED TRUSSES @ 24" o.c.
2x4 TRUSS BRACING
R30 BLOWN INSULATION
1/2" CEILING BOARD
TAPED & SANDED

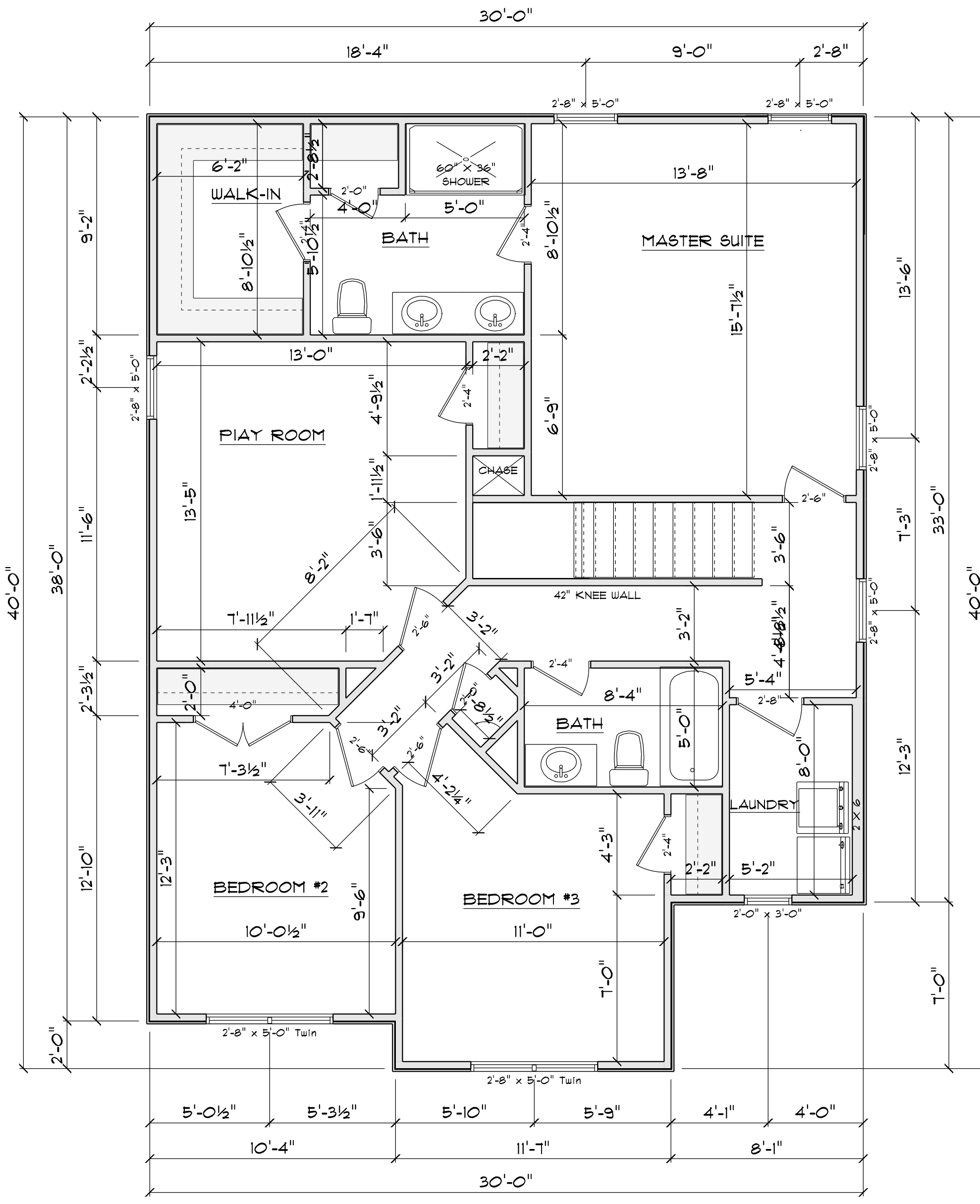


SECTION
SCALE: 1" = 1/4"



ROOF PLAN
SCALE: 1" = 1/4"

6/12 PITCH MAIN ROOF
8/12 PITCH FRONT GABLES
4/12 PITCH SHED ROOFS
12" OH ALL



2ND FLOOR PLAN
SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	1093.4 sq ft.

OPENING SCHEDULE				
R.O. HEIGHT	R.O. WIDTH	LIBRARY NAME	COUNT	SIZE
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NAIL FLOOR JOISTS TO SILL PLATE WITH 8d TOE NAILS.

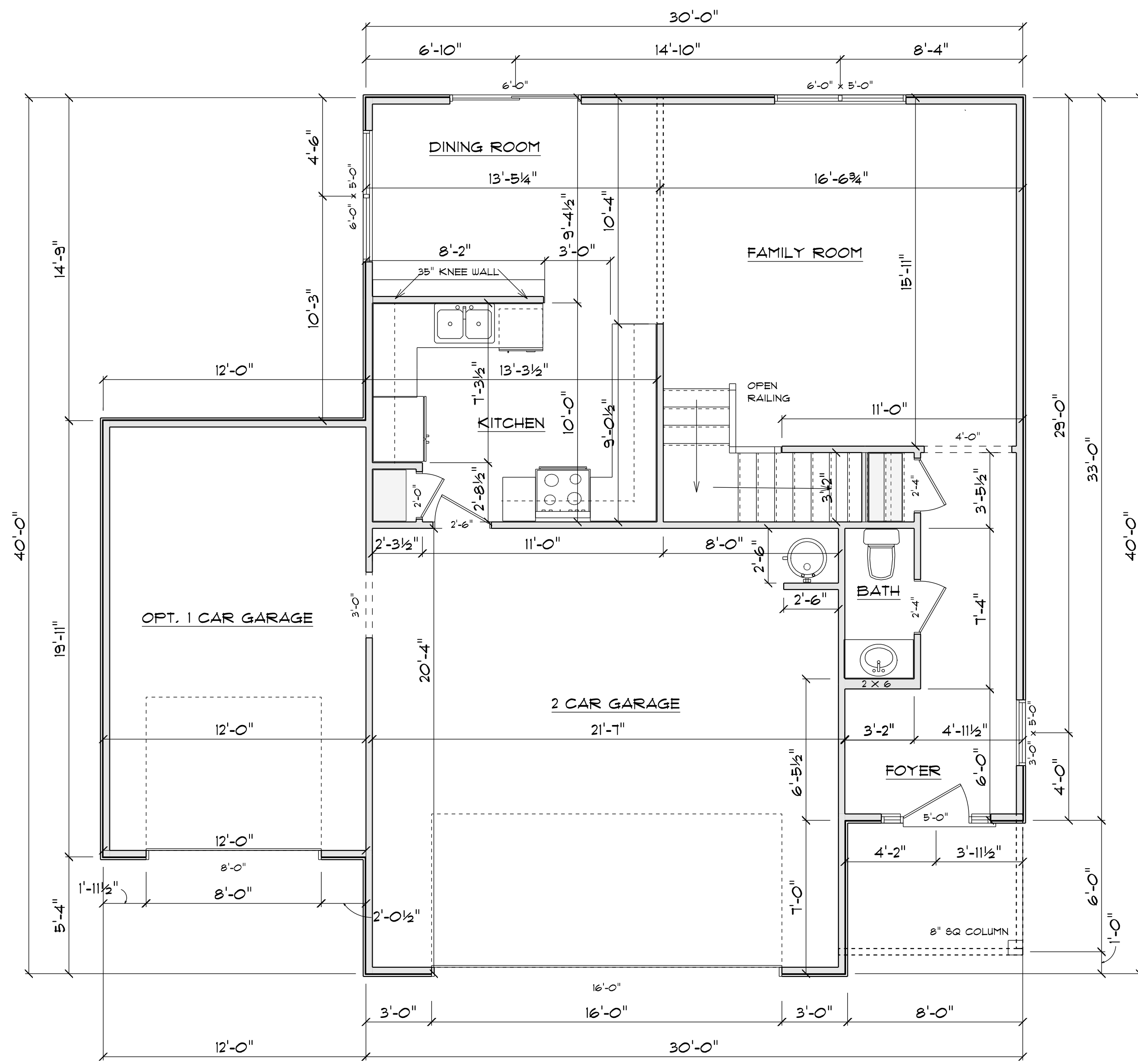
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EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4



1ST FLOOR PLAN
SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	701 sq ft.
2 Car Garage	448 sq ft.
Covered Front Porch	54.9 sq ft.
Opt. 1 Car Garage	251.2 sq ft.

OPENING SCHEDULE				
R.O. HEIGHT	R.O. WIDTH	LIBRARY NAME	COUNT	SIZE
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60-1/2"	72-1/2"	Window\Double Hung	2	2'-8" x 5'-0" Twin

FLOOR TRUSS NOTES:

DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol - (NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de realizar cualquier modificación.)**

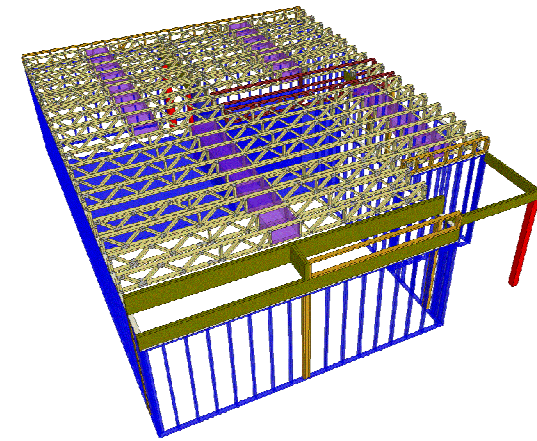
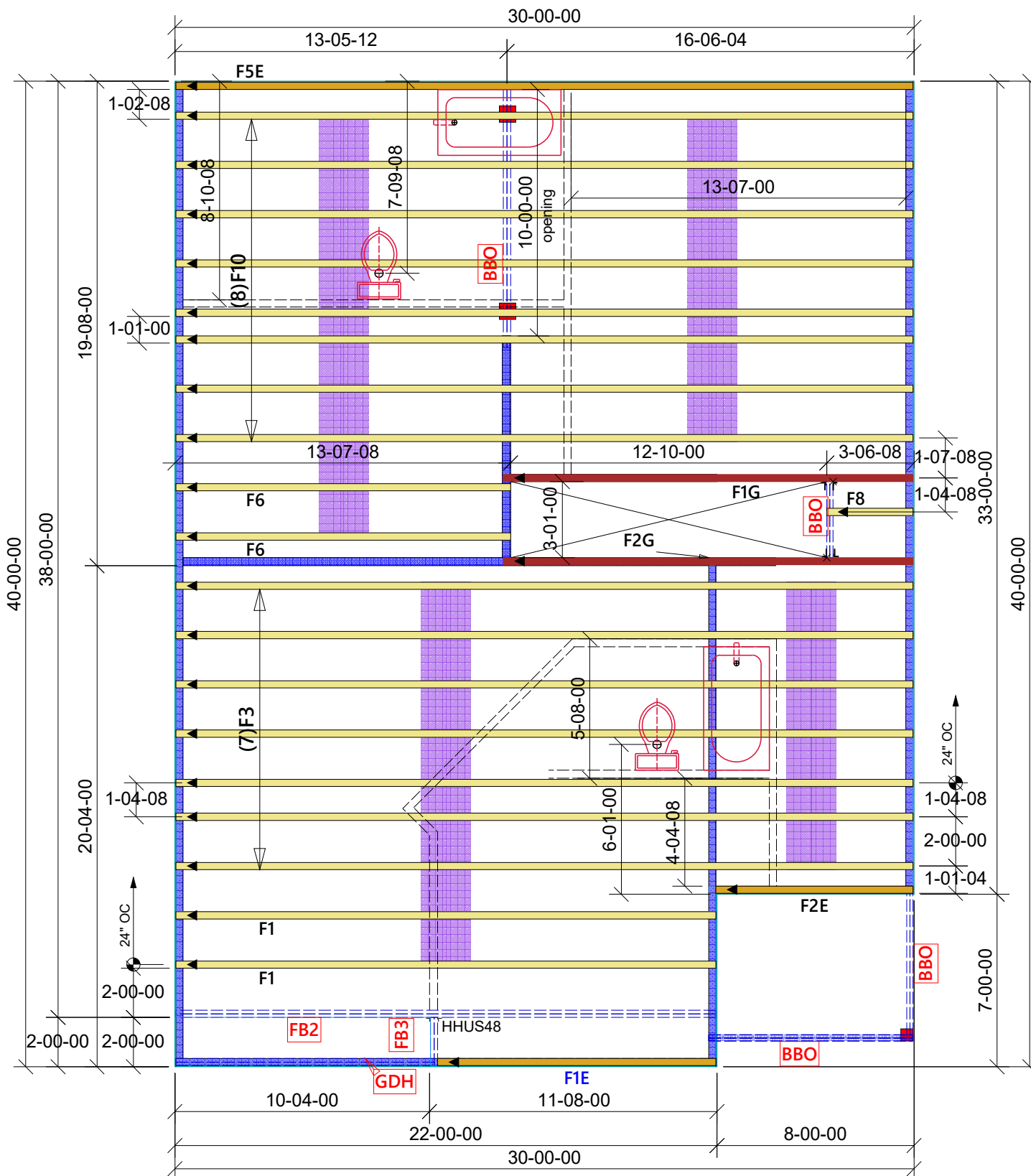
- This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
- The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
- The wood components shown on this diagram are to be used in dry service (moisture content <19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
- Refer to the Truss Design Drawings for specific information about each individual truss design.
- The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
- The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
- Floor Trusses have been spaced as specified in the plans or as directed by the contractor / customer. BFS recommends that the contractor / customer consider economics, floor performance, floor coverings, and accessibility when selecting the floor truss spacing.
- Inflexible floor coverings, such as ceramic tile, require careful consideration and planning by the contractor. The contractor shall select and use an approved floor covering assembly for the chosen floor covering and floor truss spacing used in the project. Ceramic tile assemblies are shown in the TCNA Handbook for Ceramic, Glass, and Stone Installation. Builders FirstSource is not responsible for floor covering related issues.
- The builder / owner is to inform Builders FirstSource of any additional loads placed on floor trusses, such as loads from structural members, heavy granite island countertops, fireplace surrounds, etc. If we do not note these additional loads on the placement diagram or truss design drawings, then they have not been added.
- This Placement Diagram may show approximate plumbing drop locations with a corresponding truss layout. With or without this information, the contractor shall insure that the installer verifies all plumbing locations and installs the trusses to avoid interference. Consider all plumbing such as toilets, tub drain and overflow, showers, etc. The contractor shall also plan for other potential utility conflicts.
- Floor Truss Spacing may be altered to avoid plumbing interference. Avoid overloading single trusses due to truss spacing shifts. Do not exceed the allowable span rating of the subfloor sheathing used.
- Floor Trusses shall be fully sheathed on the top chord. The builder shall select structural sheathing that meets the truss spacing requirement as well as the desired long term performance characteristics for the specific assembly.
- Strongbacks are either recommended or required as shown on the Truss Design Drawings. BFS recommends installing strongbacks for all floor trusses to improve floor performance and allow load sharing between trusses.
- This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.

WARNING:

TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. **Espanol - (TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION. NO HACERLO PODRIA RESULTAR EN LESIONES O MUERTE.)**

- Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
- Floor Trusses shall be temporarily restrained during installation. DO NOT WALK ON UNRESTRAINED FLOOR TRUSSES. Unrestrained floor trusses may suddenly collapse or roll over and may cause injury or death.
- BCSI INSTRUCTIONS SHALL BE FOLLOWED:**
BCSI-B7 = Floor Truss Installation

**TOTAL FLOOR AREA
1117.94 SQ FT**



Material Schedule		
Symbol	Name	QTY
J L	THA422	2

- NOTES:**
- Trusses are 16" deep @24" typical.
 - Dimensions to outside of sheathing. Trusses are shortened 1/2" at ext. walls.
 - Install 2x6 strongbacks 10" oc typical.
 - See design drawings for additional notes/detail.
 - Triangle on layout indicates left side of truss as shown on design drawings. Do not install backwards.

PlotID	Length	Product	Products	
			Plies	Net Qty
GDH	22-00-00	1-3/4" x 11-7/8" VERSA-LAM® 2.0 3100 SP	2	2
FB2	22-00-00	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	2	2
FB3	2-00-00	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	2	2

Until the building is completely erected in accordance with plans, the trusses may be unstable and present a safety hazard. Truss instability may increase with building width, height, and length. Buildings under construction are vulnerable to high winds and present a possible safety hazard. It is the responsibility of the contractor and framer to recognize adverse weather conditions and take prompt and appropriate action to protect life and prevent injury. Prior to setting trusses, refer to Building Component Safety Information (BCSI) document produced by SBCA and TPI. Follow BCSI Specifications for Erection and Bracing.

Builders
FirstSource
Albemarle, NC

Customer Name: Lamco Construction
Subdivision: Blackberry Manor
Lot#: 11
Plan Name: Jackson Plan

Revisions:

Job Number: 2489096
Drawn By: AG
DATE: 10/27/2020
Page Number: 1 of 1

No Scale

File Name

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- The wood components shown on this diagram are to be used in dry service (moisture content <19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
- Refer to the Truss Design Drawings for specific information about each individual truss design.
- The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
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- In some cases, field framing may be required to achieve the final appearance shown on the Construction Documents.
- Field framing, including valley rafters, installed over roof trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center (O.C.) or less. Stagger knee braces from adjacent rafters such that the load is distributed uniformly over multiple truss locations and not concentrated at one location or along one truss.
- Truss Top Chords shall be fully sheathed or have lateral bracing (purlins) spaced at 24" O.C. or less. Truss Bottom Chord Bracing shall not exceed the maximum shown on the Truss Design Drawing. Field framed bottom chord floor or ceiling attachments shall be spaced at 24" O.C. or less. Proper Bracing prevents buckling of individual truss members due to design loads.
- This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.
- If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection Detail applicable for the project details and wind load category.
- The Contractor shall follow the SBCA TTB Partition Separation Prevention and Solutions for truss attachment to non-load bearing walls and carefully complete these details to avoid gypsum wall board related issues.

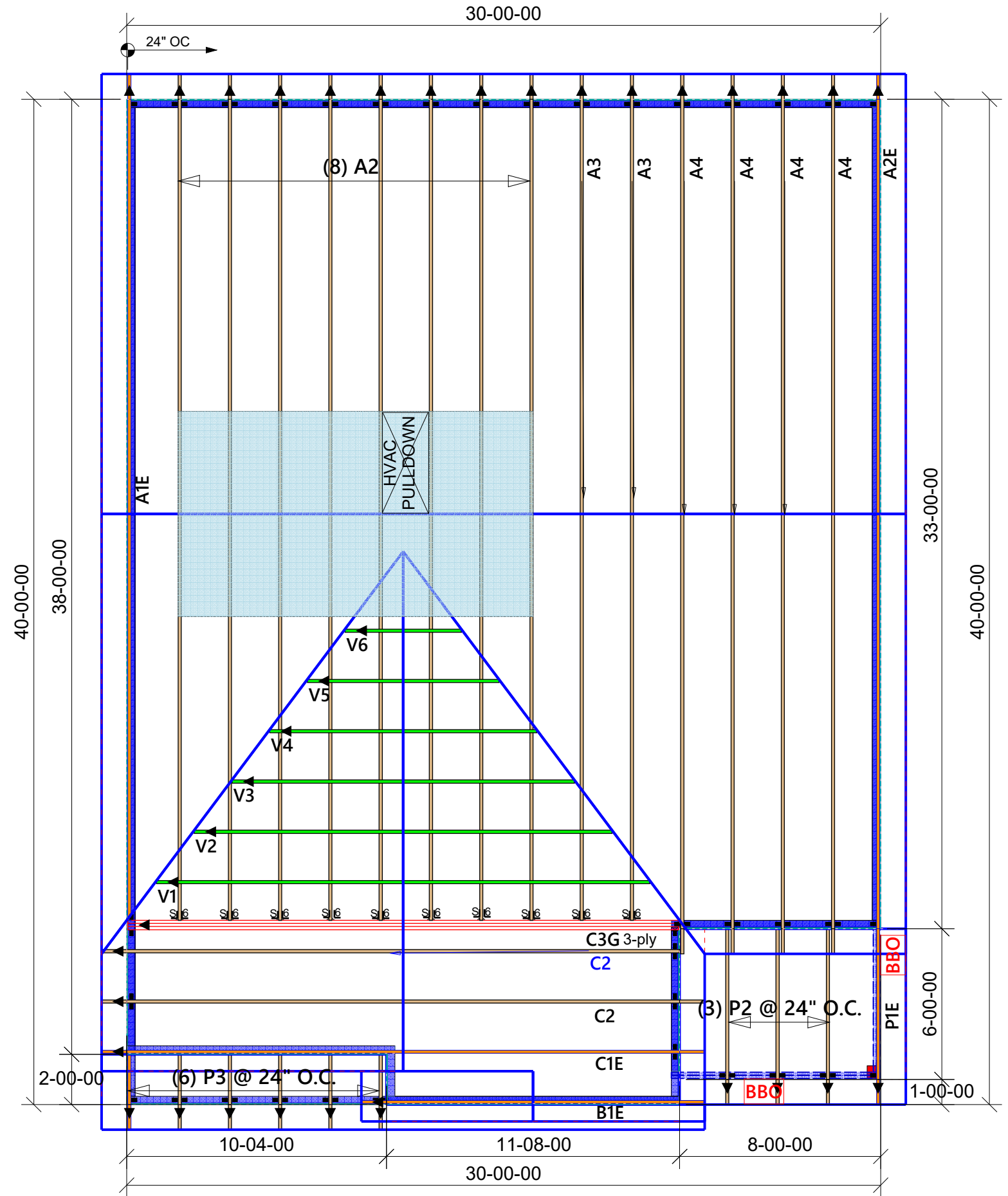
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- Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
- Buildings under construction are vulnerable to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or death.
- BCSI INSTRUCTIONS SHALL BE FOLLOWED:**
 BCSI-B1 = Safe Truss Handling and Installation
 BCSI-B2 = Installation and Temporary Restraint
 BCSI-B3 = Permanent Restraint
 BCSI-B4 = Safe Construction Loading
 BCSI-B5 = Truss Damage and Modification Guidelines
 BCSI-B7 = Floor Truss Installation
 BCSI-B8 = Toe-Nailed Connections
 BCSI-B9 = Multi-Ply Girders
 BCSI-B10 = Post Frame Truss Installation
 BCSI-B11 = Fall Protection
- Follow TPI Requirements for Long Span Trusses (>60').

**TOTAL ROOF AREA
1551.35 SQ FT**



Symbol	Name	QTY
3/6	MUS26	10

- NOTES:**
- Trusses are @24" typical.
 - Dimensions to outside of sheathing.
 - See design drawings for additional notes/detail.
 - Triangle on layout indicates left side of truss as shown on design drawings. Do not install backwards.

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Customer Name: Lamco Construction
 Subdivision:
 Lot#: _____ Plan Name: Jackson Plan
 MISC NOTES:
 File Name

Builders
FirstSource
Albemarle, NC

Revisions:

Job Number
2489104

Drawn By:
AG

DATE:
10/22/2020

Page Number
1 of 1

No Scale