

GENERAL NOTES

DESIGN NOTES

1. Floor: 40 lbs. Live load, 15 lbs. Dead load
2. Roof: 30 lbs. Live load, 20 lbs. Dead load
3. Soil bearing capacity-2000 PSF
4. Live loads, dead loads, wind loads, snow loads, lateral loads, seismic zoning and any specialty loading conditions will need to be confirmed before construction and adjustments to plans made accordingly. See your local building officials for verification of your specific load data, zoning restrictions and site conditions.

CONCRETE AND FOUNDATIONS

1. All slabs on grade shall be 4 inch 3000 PSI (28-day compressive strength concrete), unless noted otherwise.
2. All slabs on grade shall bear on four inch compacted granular fill with 6 by 6 10-10 welded wire mesh.
3. Interior slabs shall have 6 mil. polyethylene vapor barrier underneath.
4. Provide proper expansion joints and control joints as per local requirements.
5. Provide additional bearing points as required by floor "I" joist manufacturer, and loading transfers.
6. Foundation details may vary with local codes and conditions, verify with contractor or engineer.
7. Provide foundation access and vents as required by local codes and conditions.
8. Foundation wall and footing sizes reinforcing must conform with your local building requirements.
9. Foundation walls are not to be backfilled until house is completely framed and roof is in place.
10. Verify depth of footings with your local codes.
11. Provide termite protection as required by HUD minimum property standards.

BASEMENT

1. Basement stairs are calculated as 10 inch treads with 1 inch nosing (11 inch total) and 7.75 inch risers.
2. Water heater and air conditioner may be located in basement when using basement option.
3. Provide sump pumps as required.
4. Some soil conditions may require a 12 inch concrete retaining wall, verify with contractor or engineer.
5. Provide exterior windows and door as grade allows.
6. Provide venting as local codes and conditions dictate.

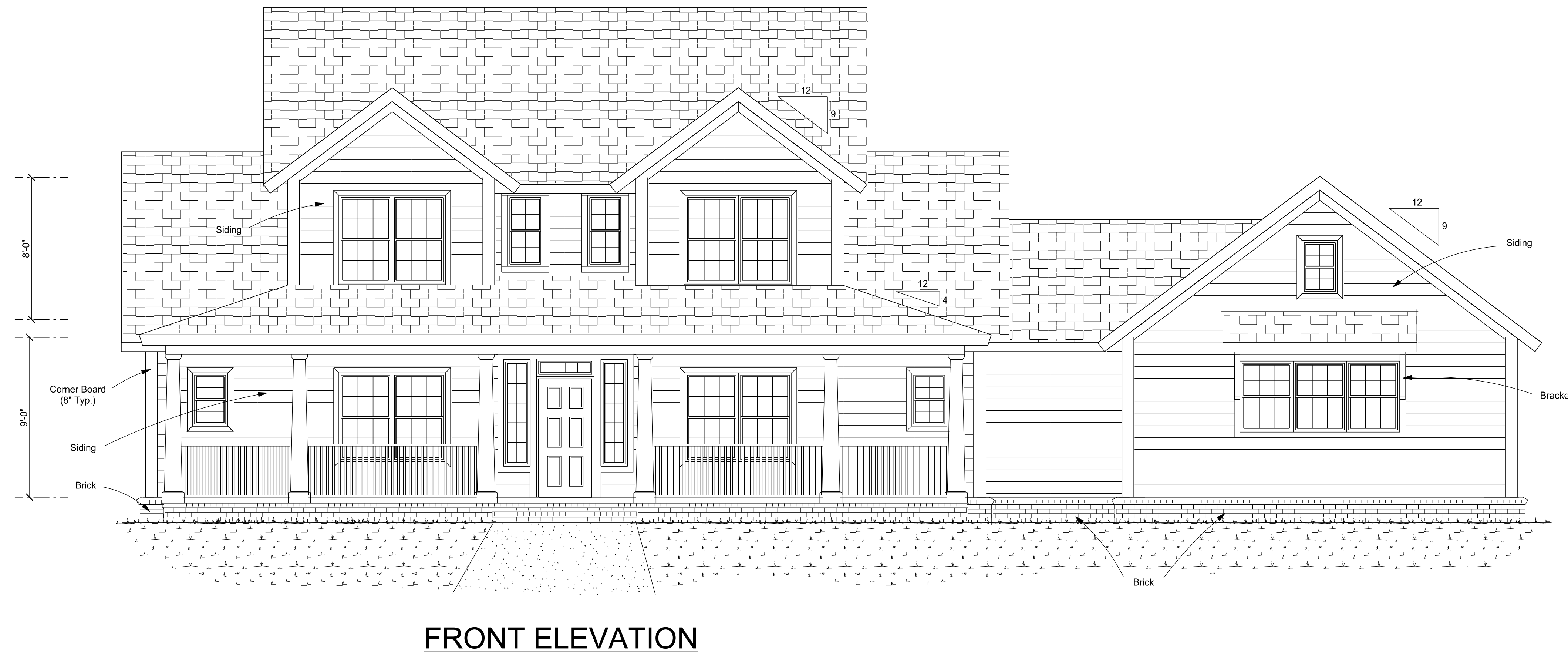
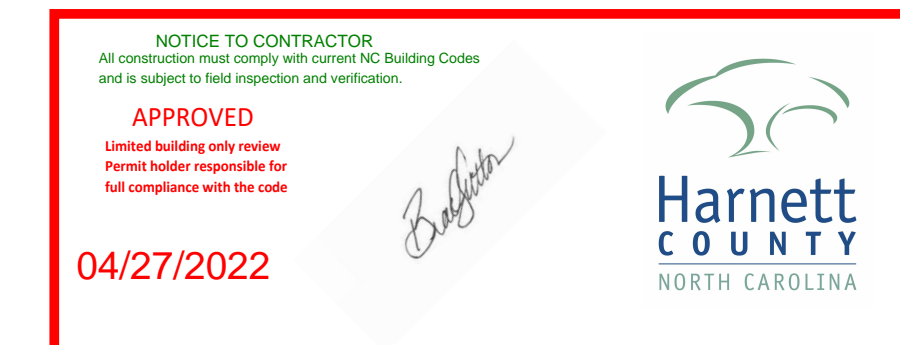
FRAMING

1. Contractor to confirm the size, spacing and species of all framing and structural members to meet your local code requirements.
2. Any structural or framing members not indicated on the plan are to be sized by the contractor.
3. Double floor joists under all partition walls, unless otherwise noted.
4. All angled walls are 45 degree angles unless noted otherwise.
5. Provide collar ties, cross-bridging and bracing as required.
6. Provide additional bearing points as required by loading transfers.
7. Framing lay-out and size may vary with local codes and conditions.
8. Roof framing plan is for general layout only, do no use for rafter count.

MISC. NOTES

1. Prefabricated fireplaces and flues are to be U.L. approved and installed per manu. specifications.
2. All materials, supplies and equipment to be installed per manu. specifications and local codes.
3. Provide type "x" firecode sheetrock on garage walls and ceilings.
4. Confirm window openings for your local egress requirements and minimum light and venting.
5. The mechanical and electrical layouts are suggested only. Consult your mechanical and electrical contractors for exact specifications, locations and sizes.
6. Minor alterations to this plan can be made by the builder. Please contact our drafting department for information price quotes if major changes are required.

This plan was designed and drafted by W.L. Martin Home Designs to meet average conditions and codes in the state of Oklahoma at the time it was designed. Because codes and regulations can change and may vary from jurisdiction to jurisdiction, W.L. Martin Home Designs cannot warrant compliance with any special code or regulation. Consult your local building official to determine the suitability of these plans for your specific site and application. This plan can be adapted to your local building codes and requirements, but also, it is the responsibility of the purchaser and/or builder of this plan to see that the structure is built in strict compliance with all governing municipal codes [city, county, state, and federal]. The purchaser and/or builder of this plan releases W.L. Martin Home Designs, its owner and employees from any claims or lawsuits that may arise during the construction of this structure or any time thereafter.



FRONT ELEVATION

REVISIONS	BY

#24392 - Oakfield - Reversed

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www.wlmartinhomes.com

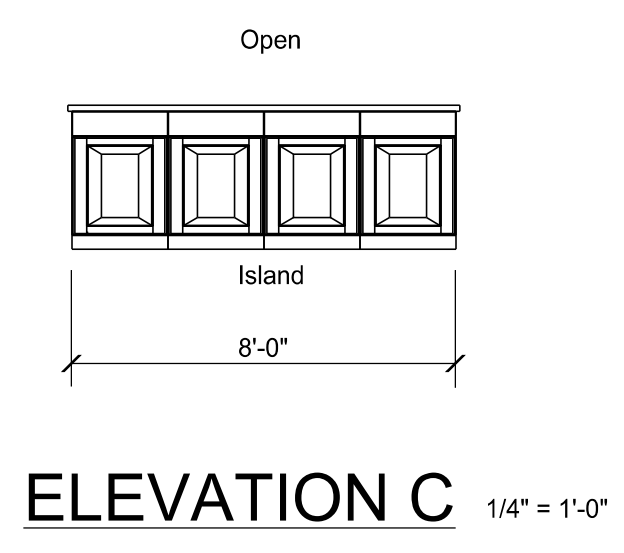
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Sheet	1
Of	8 Sheets

REVISIONS	BY

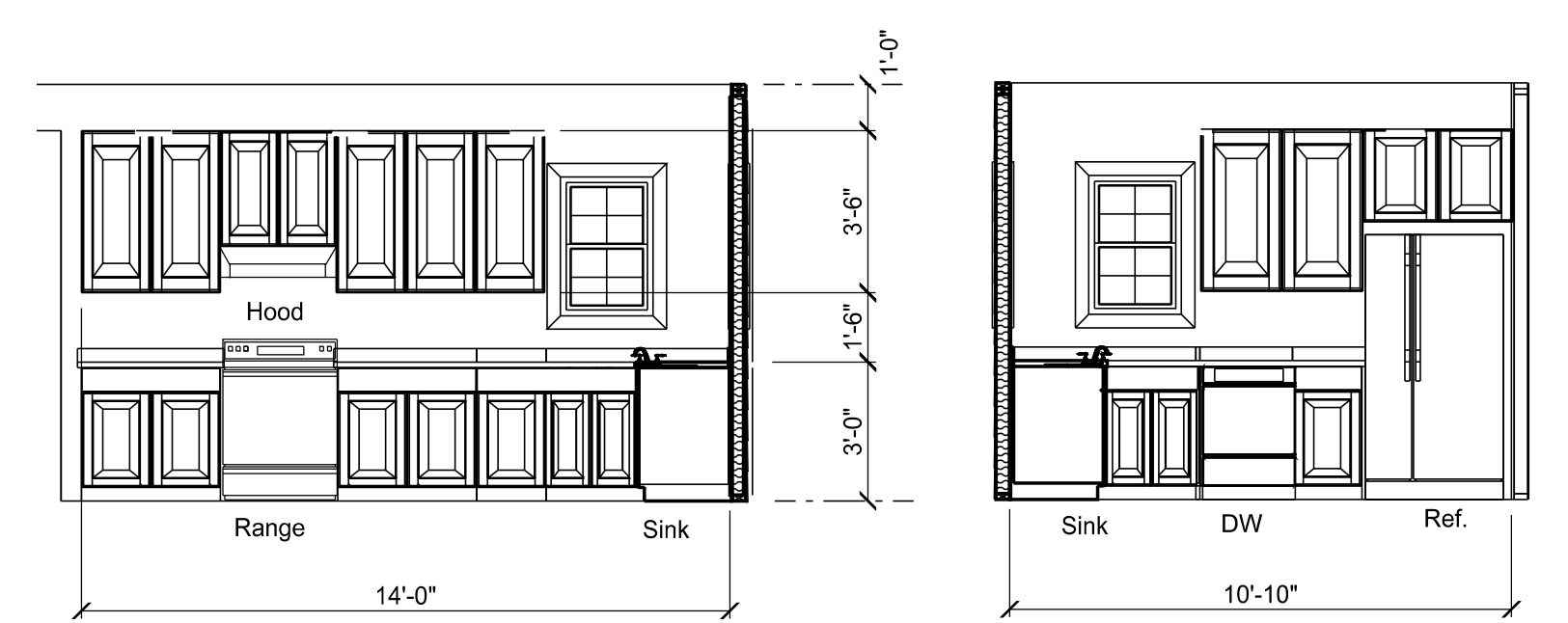
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Job
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Of 8 Sheets

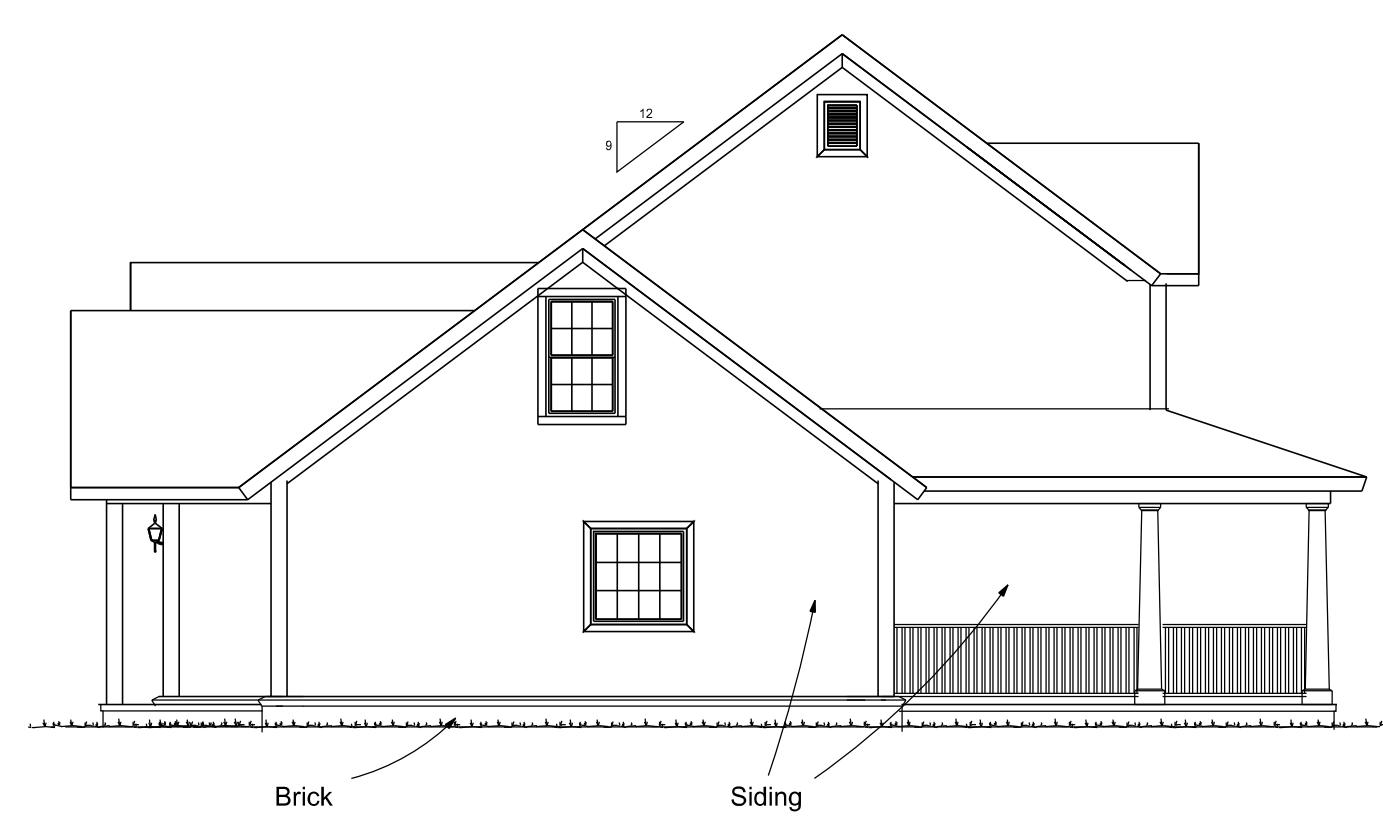


ELEVATION C 1/4" = 1'-0"

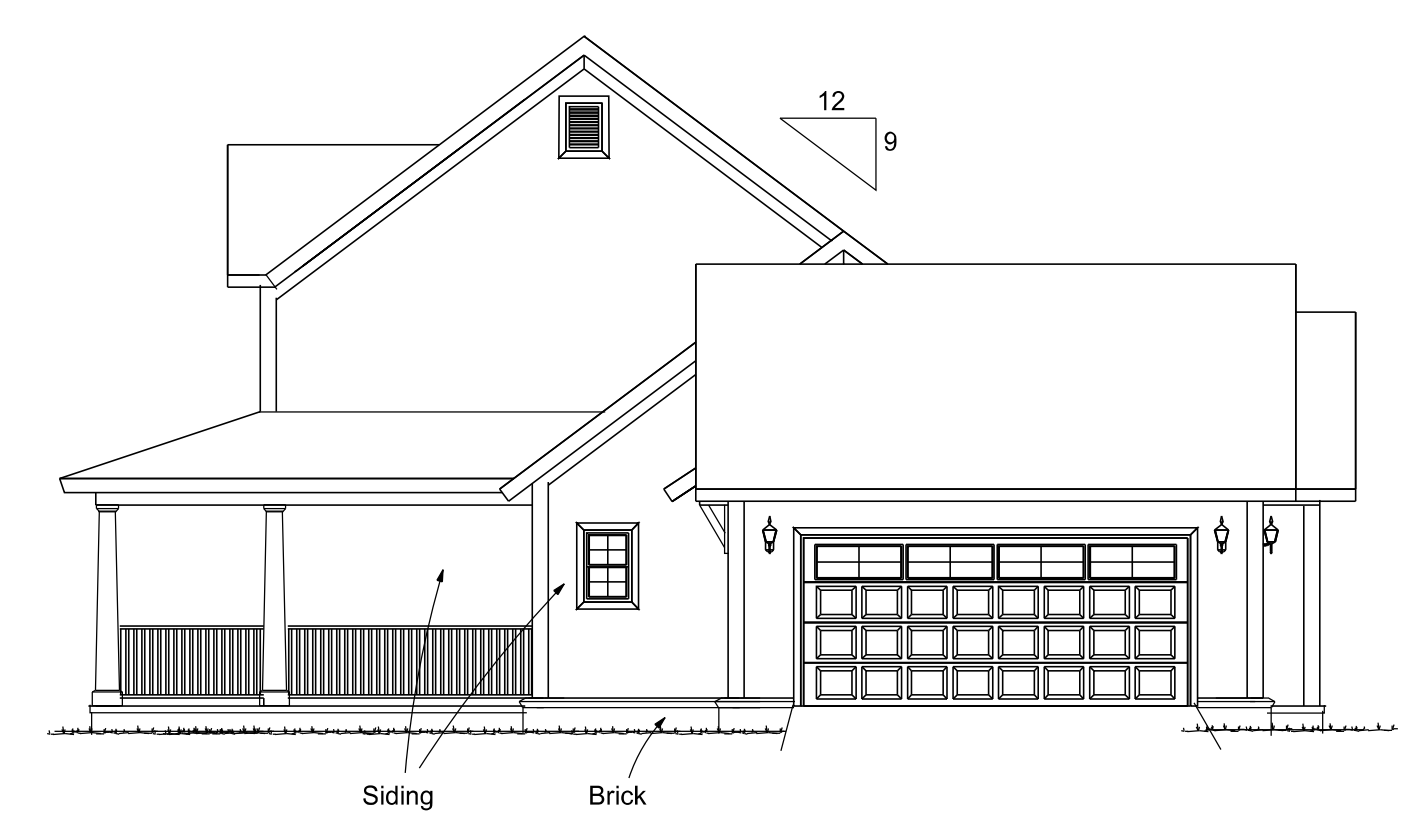


ELEVATION A 1/4" = 1'-0"

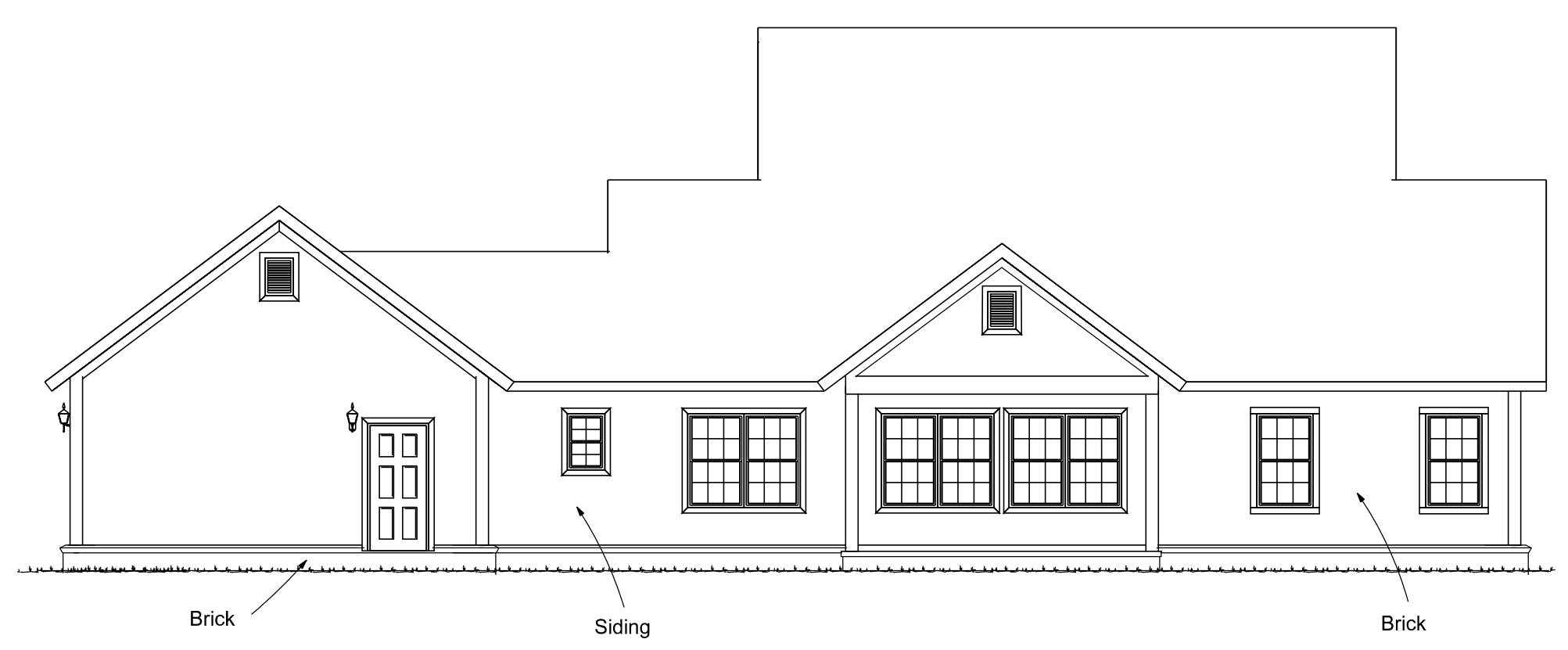
ELEVATION B 1/4" = 1'-0"



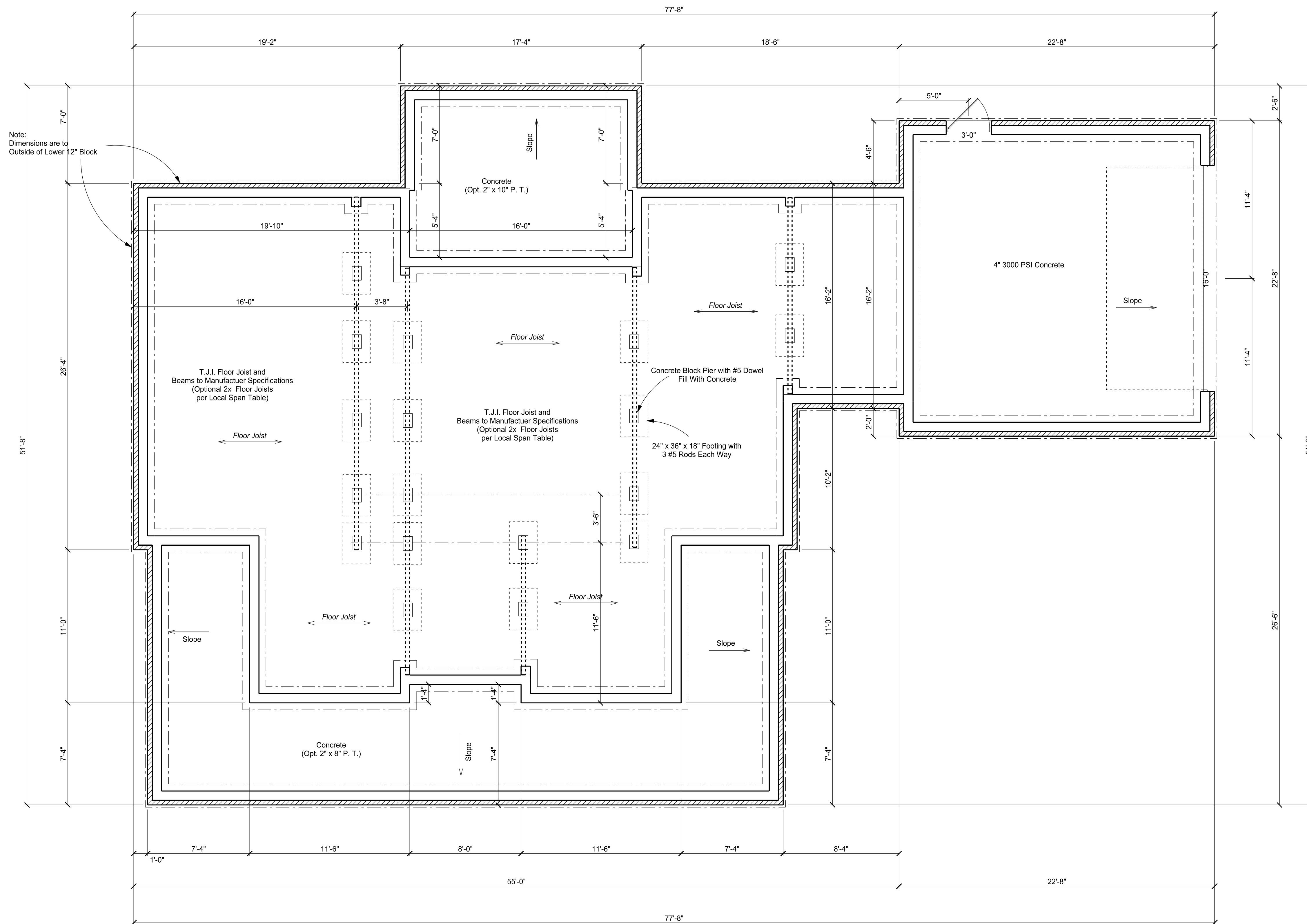
LEFT SIDE ELEVATION 1/8" = 1'-0"



RIGHT SIDE ELEVATION 1/8" = 1'-0"



REAR ELEVATION 1/8" = 1'-0"



Note:
Dimensions are to
Outside of Lower 12\"/>

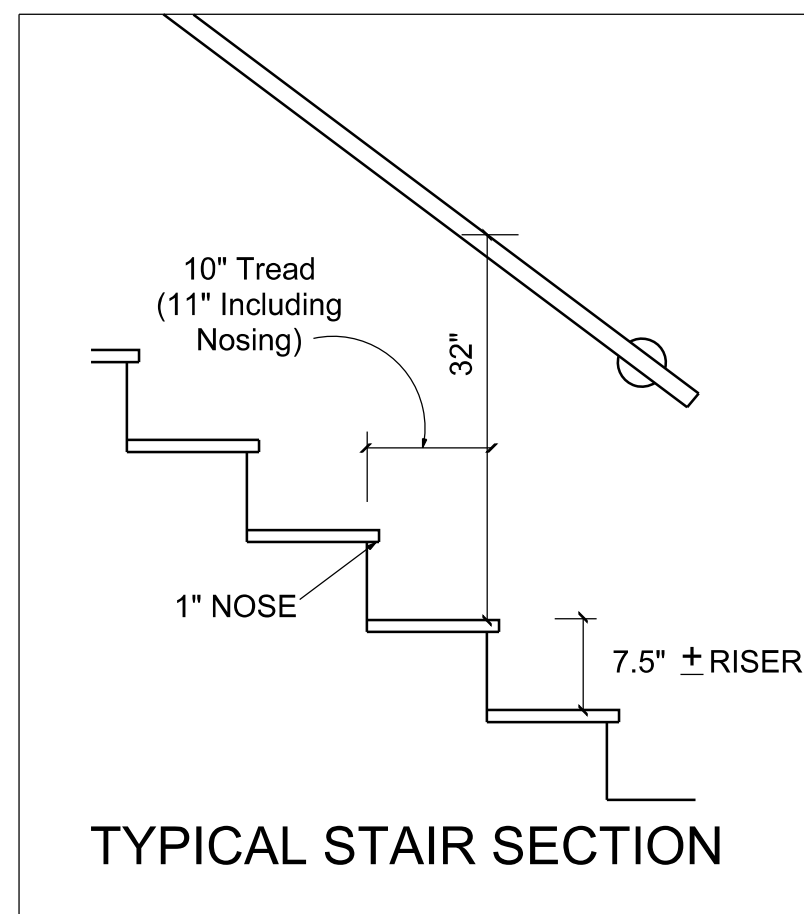
Crawl Space Foundation Plan

REVISIONS	BY

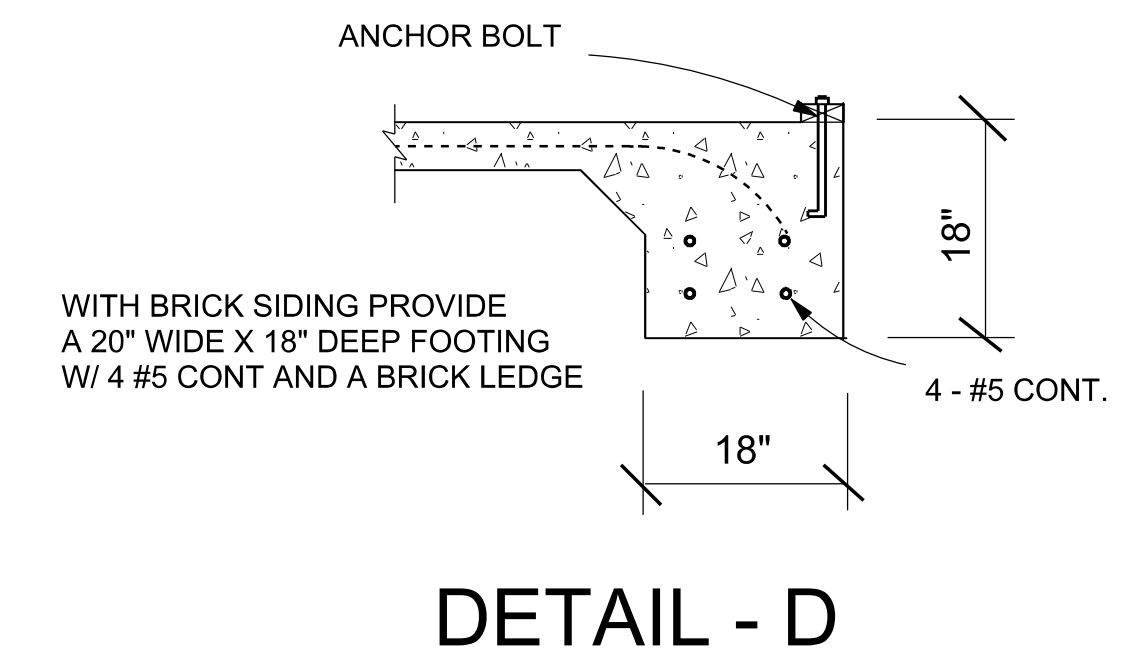
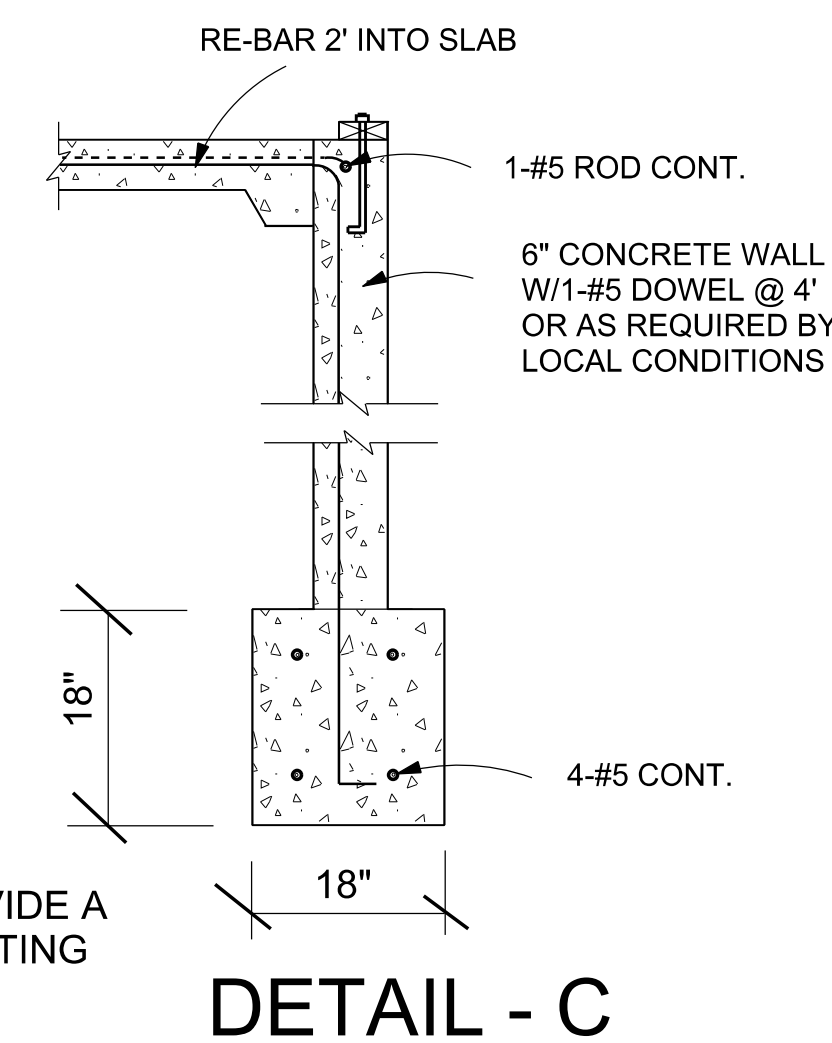
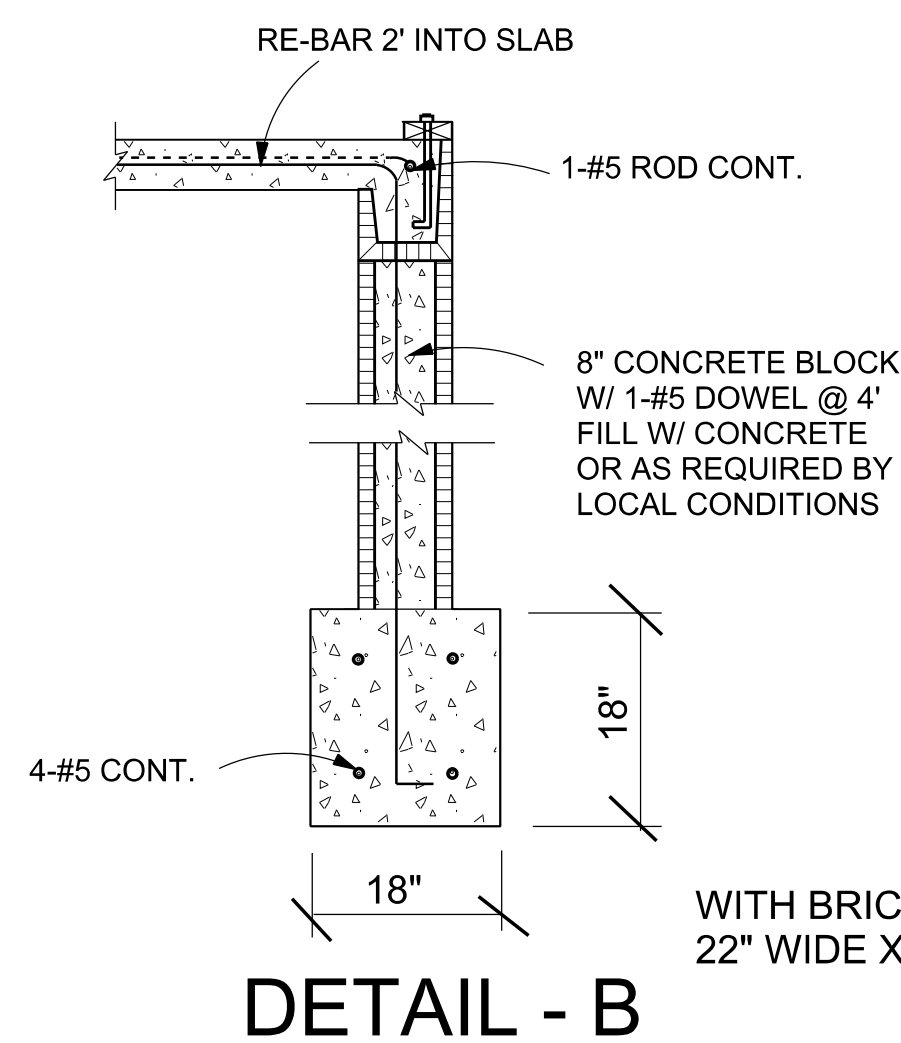
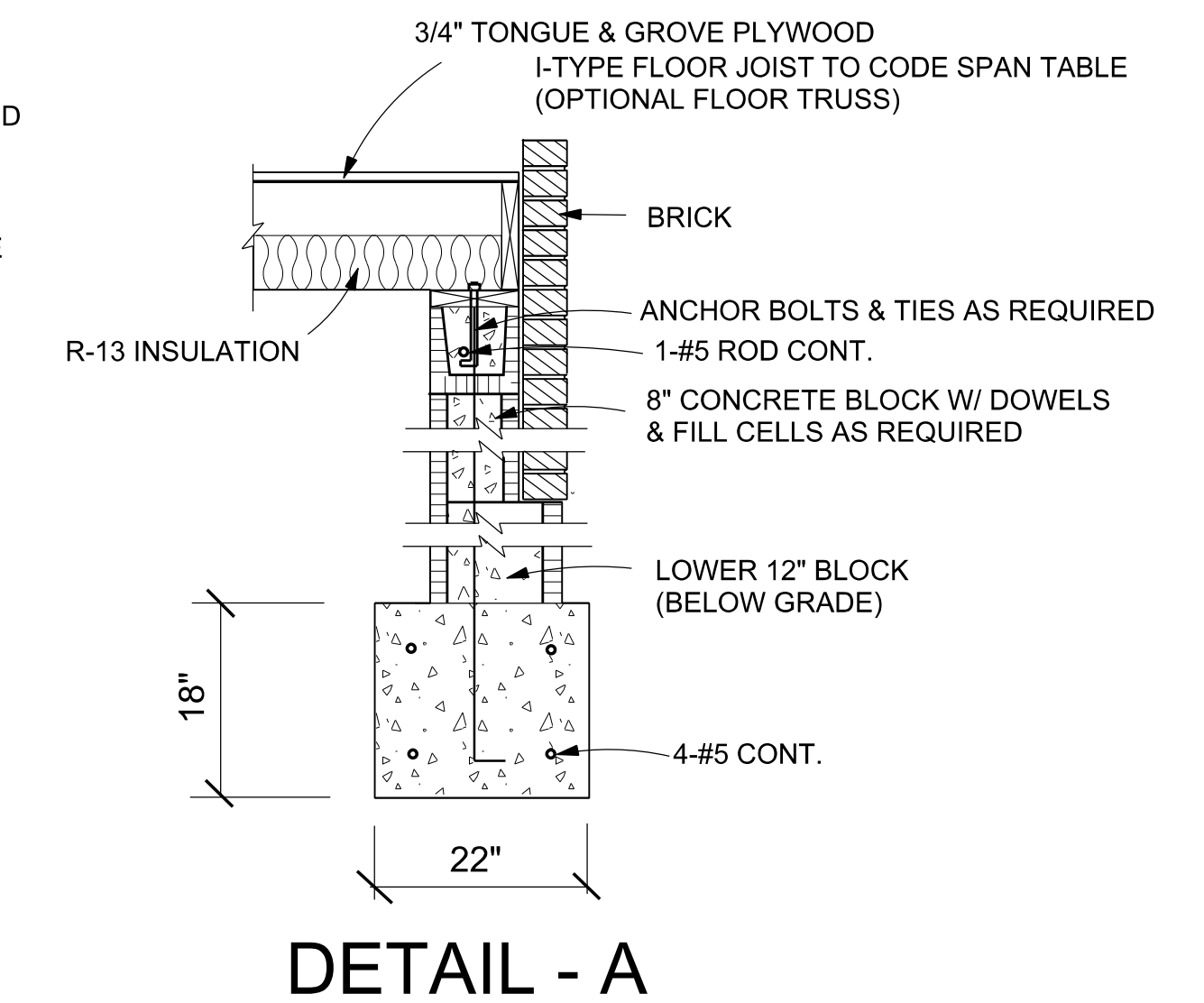
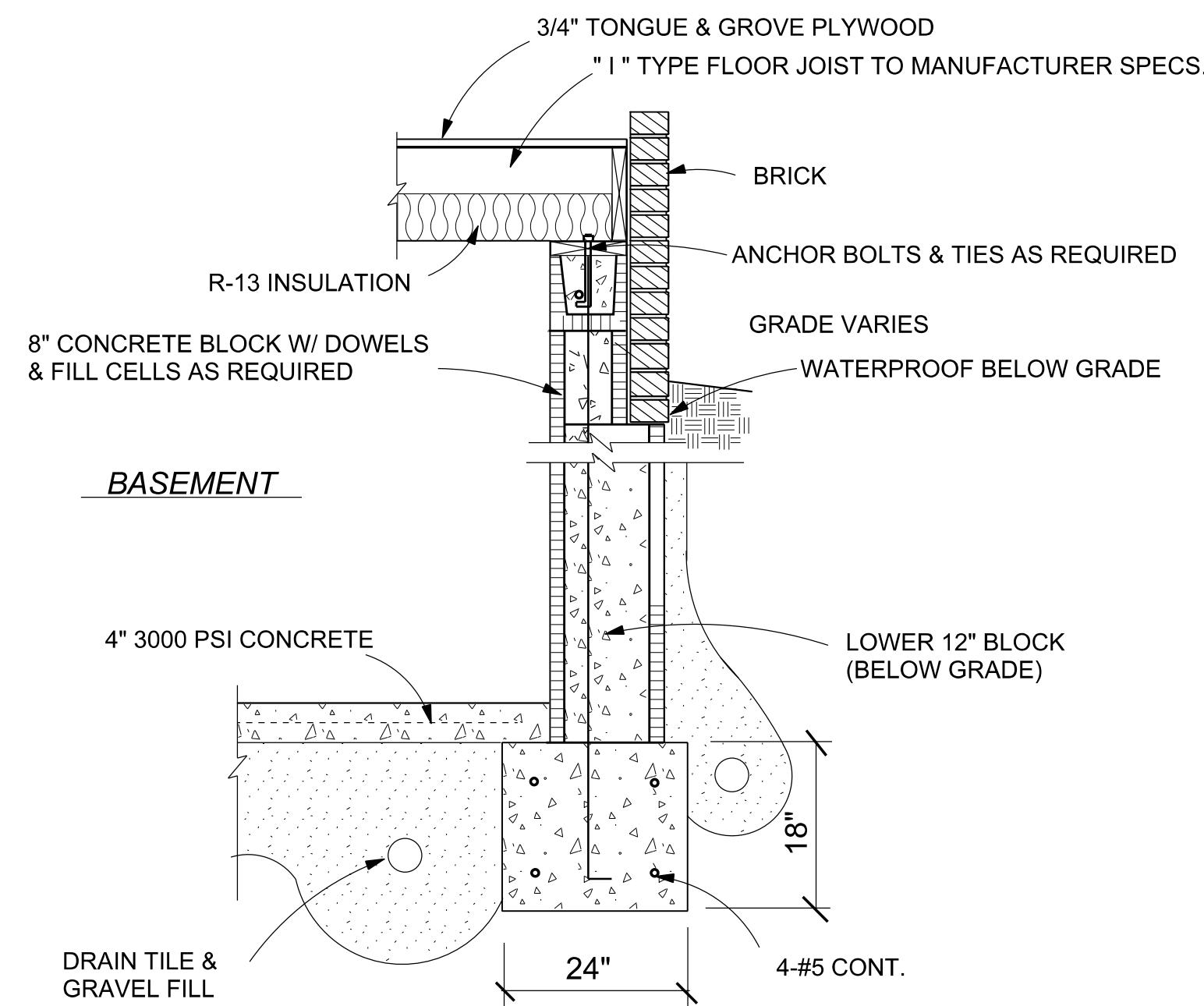
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www.wlartinhomes.com

Date
Scale 1/4" = 1'-0"
Drawn
Job
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NOTE: SEE ADDITIONAL NOTES ON FRONT ELEVATION SHEET.



2 STORY FOUNDATION DETAILS (OPTIONS)

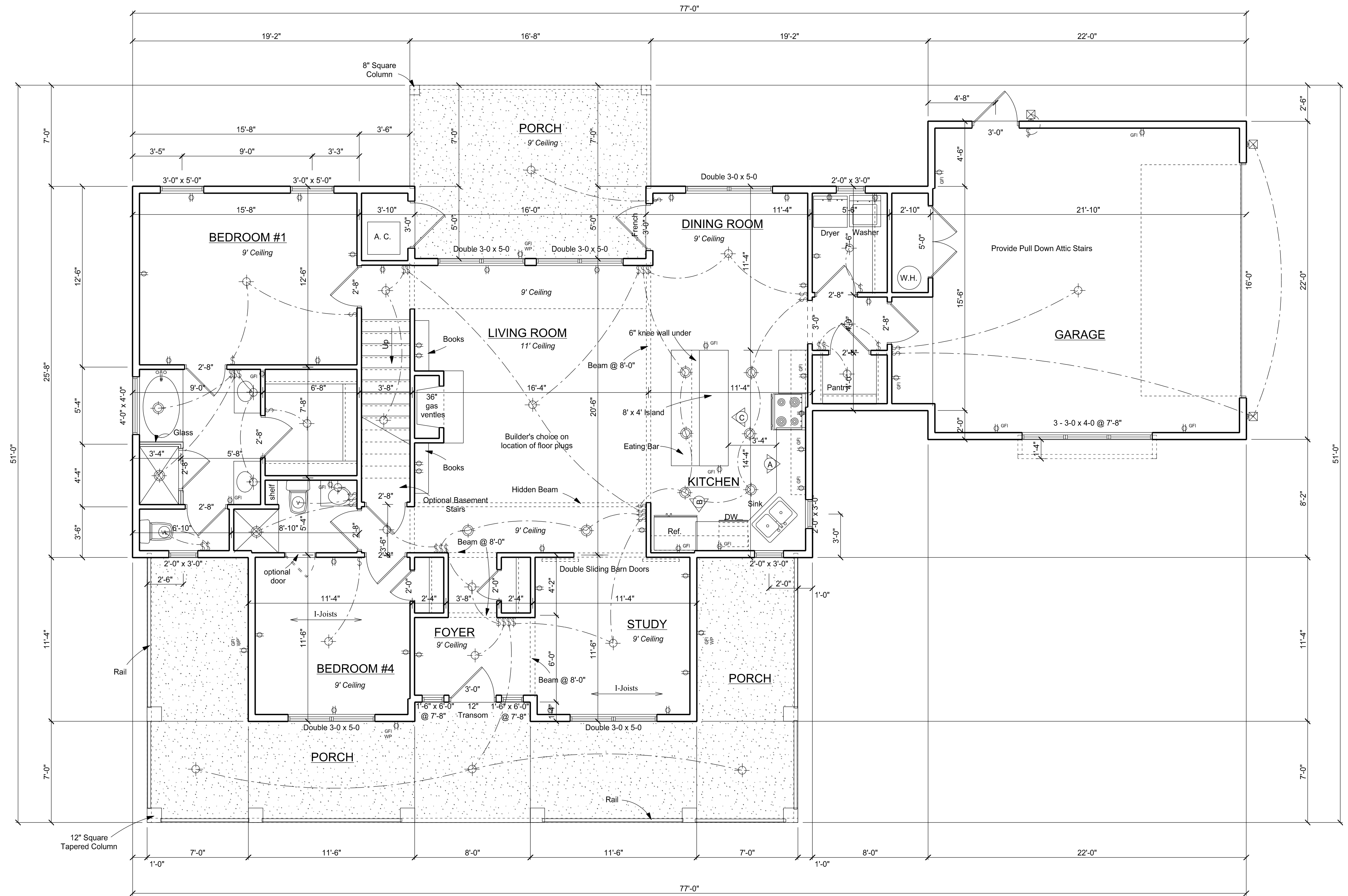
- NOTES:
- * WALLS ABOVE 4'-0" FROM FINISH GRADE MAY REQUIRE ADDITIONAL STRUCTURAL SIZING, SEE ENGINEER (FOOTING SIZE & RETAINING WALL REQ.)
 - * FOOTING DETAILS MAY VARY IN REQUIREMENTS, IN YOUR AREA, VERIFY WITH CONTRACTOR OR ENGINEER.
 - * CONCRETE FLOOR TO BE 8" MINIMUM ABOVE FINISH GRADE.
 - * PROVIDE COMPACTED SAND FILL AS REQUIRED UNDER FOOTINGS.

W. L. MARTIN HOME DESIGNS DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THIS SET OF PLANS. BEFORE CONSTRUCTION THE CONTRACTOR, ENGINEER, OR ARCHITECT MUST CHECK DIMENSIONS AND LOADING, AND VERIFY THAT THESE PLANS COMPLY WITH ALL BUILDING CODES IN EFFECT AT CONSTRUCTION LOCATION.

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 www.wlmarthomes.com

Date	
Scale	
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Job	
Sheet	6
Of	8 Sheets



- Notes:
1. A/C May be Relocated as Required by Mechanical Contractor.
 2. Builders Choice on 6" Plumb Wall Locations.
 3. Co-ordinate Floor Truss Chase with Mechanical Contractor.
 4. Provide Safety Glass where Required by Local Code.

1st Floor Plan

* Provide 2x6 studs at exterior walls. *

If building 2 x 6 wall option, adjust Kitchen cabinets and wall joists as required

1531 Sq Ft First Floor
407 Sq Ft Second Floor

1938 Total Heated and Cooled

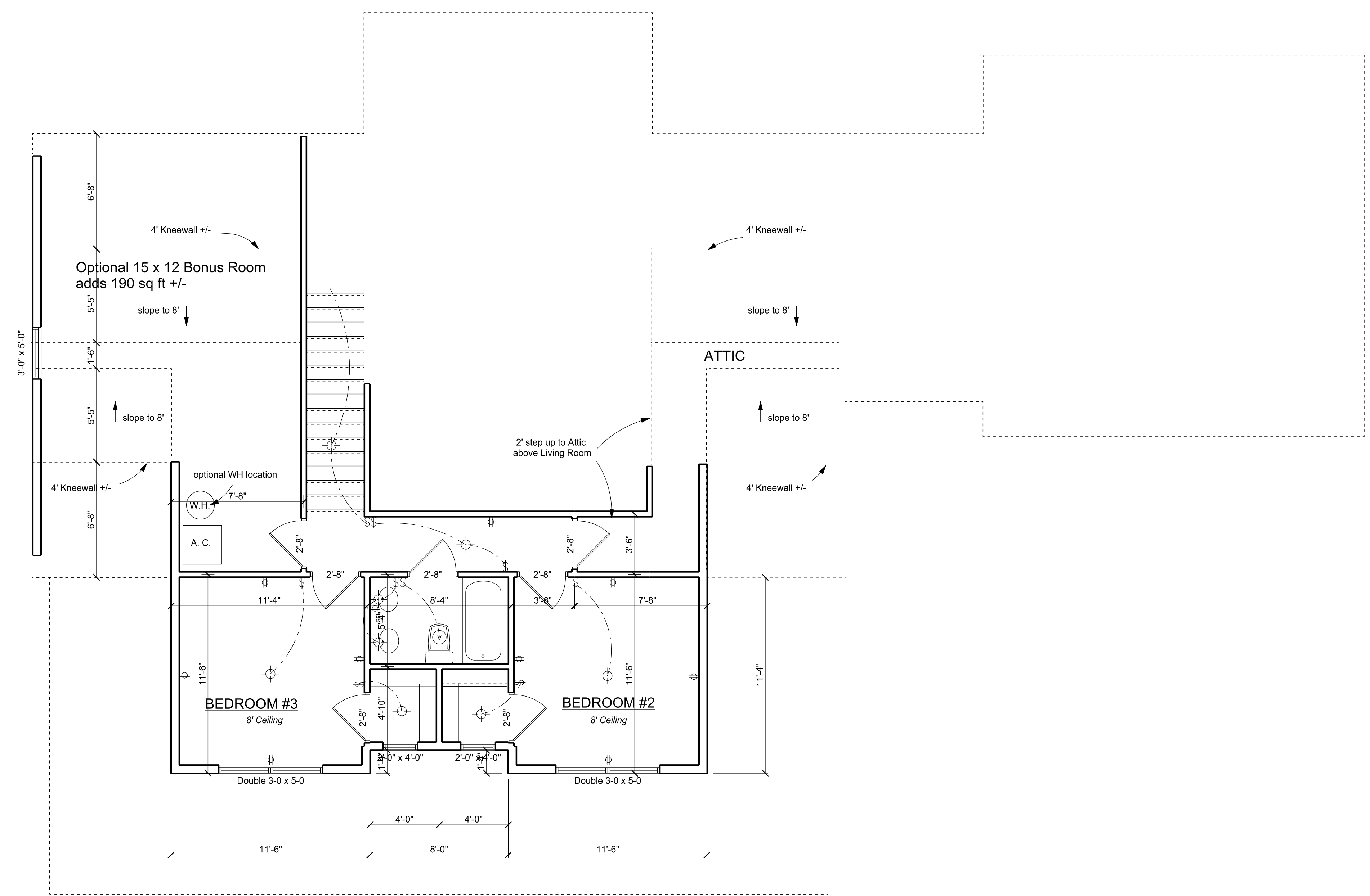
525 Sq Ft Garage
216 Sq Ft Rear Porch
484 Sq Ft Front Porch

REVISIONS	BY

#24392 - Oakfield - 2 x 6 - Reversed

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2nd Floor Plan

* Provide 2x6 studs at exterior walls. *

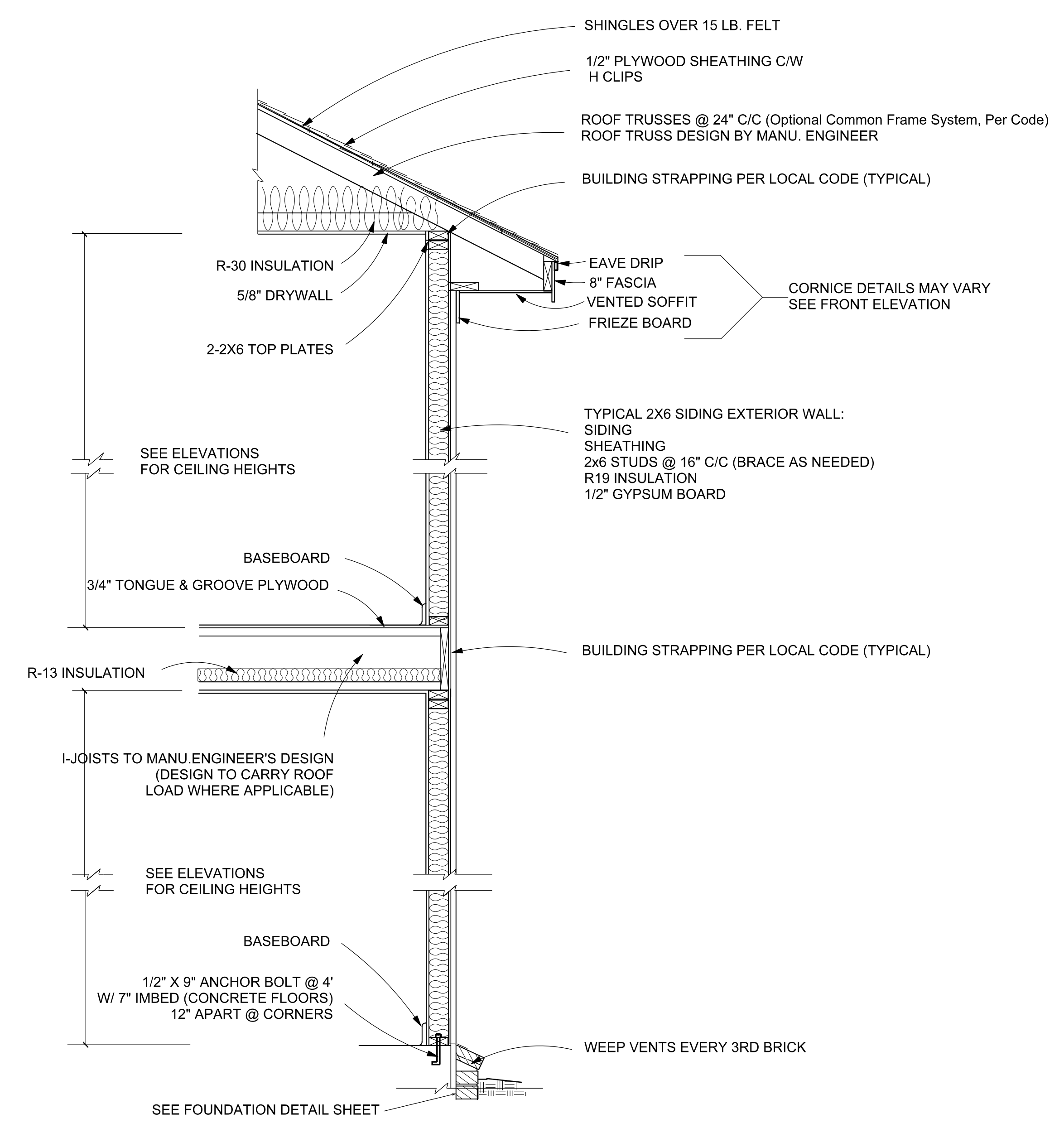
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#24392 - Oakfield - 2 x 6 - Reversed

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TYPICAL BUILDING SECTION
2 x 6 Walls

NOTE: ALL STRUCTURAL MEMBERS MUST COMPLY W/ LOCAL BUILDING CODES.

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Date	
Scale	Noted
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Sheet	5
Of	8 Sheets

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.
PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS,
SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN-
NOT FOR
CONSTRUCTION

Job #

Q-2200369

Harris Resd Oakfield

Fuquay Varina

Date Quoted:

Designer:
Devon Thompson

Truesdale Capital
198 Annabelle Dr
Chapel Hill, NC

Peak Truss
Builders, LLC
PO Box 340, New Hill, NC 27562

- Notes:
- Exterior dimensions shown are assumed to be:
 - ☐ Out-to-out of stud
 - ☒ Out-to-out of sheathing
 - Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
 - Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
 - Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
 - Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Floor Truss Loading per 2018 NC Residential Code

Top Chord Live Load 40# PSF
Top Chord Dead Load 10# PSF
Bottom Chord Live Load 0# PSF
Bottom Chord Dead Load 5# PSF

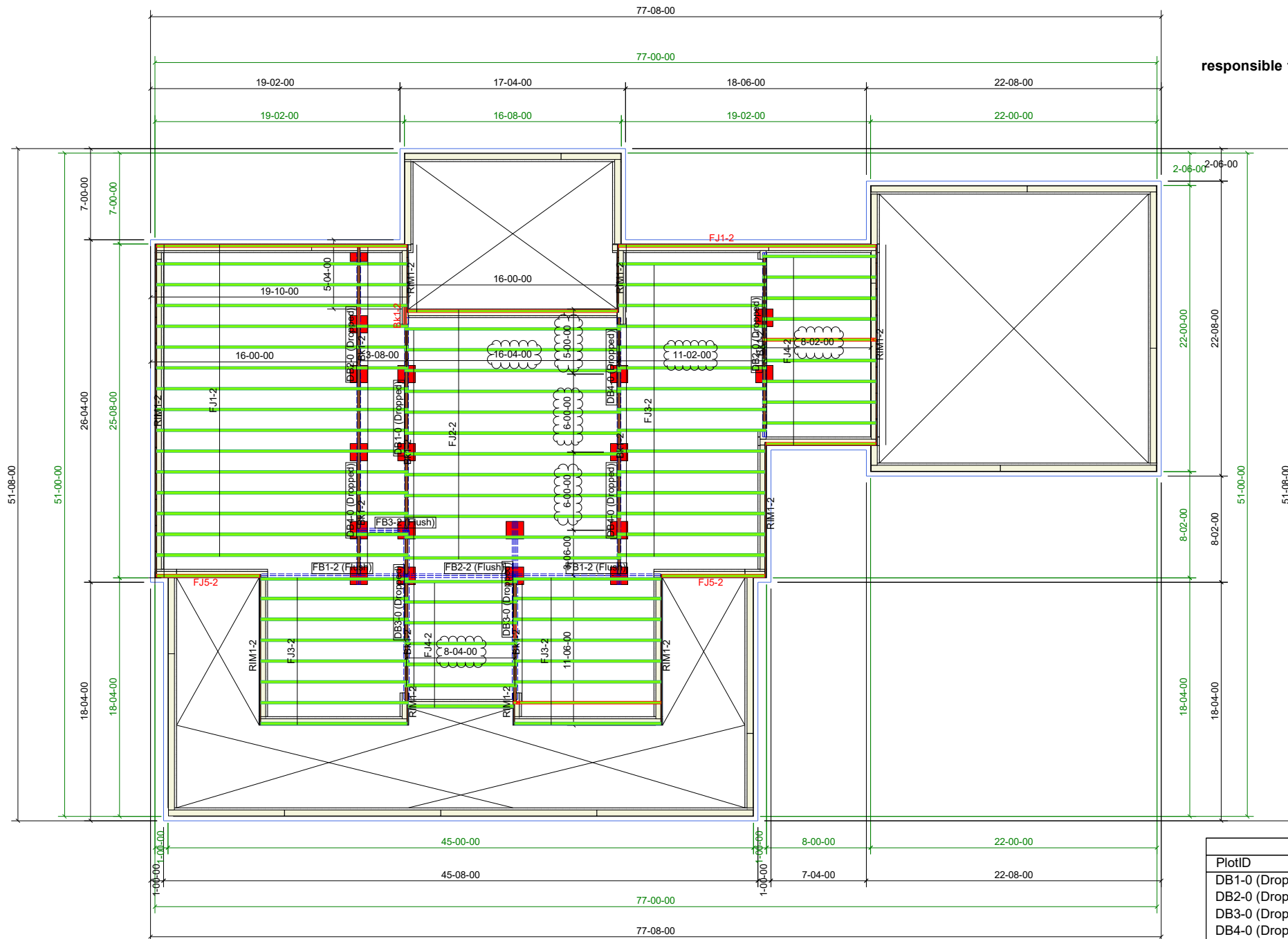
Live load deflection limit L/360
Spans over 20' limit L/480

- △ - This symbol denotes left end of truss as shown on truss drawings
- - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:

- N - Nailed
- L - Ledger

Piers by others. Peak Truss is NOT responsible for pier size / location. Need to verify with EOR.



Harris Residence Oakfield - Crawl
11-7/8" I-Joists
19.2" OC

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
FJ1-2	20-00-00	11-7/8" LPI 20Plus	1	17	MFD
FJ2-2	18-00-00	11-7/8" LPI 20Plus	1	13	MFD
FJ3-2	12-00-00	11-7/8" LPI 20Plus	1	31	MFD
FJ4-2	10-00-00	11-7/8" LPI 20Plus	1	17	MFD
FJ5-2	8-00-00	11-7/8" LPI 20Plus	1	2	MFD
FB1-2 (Flush)	12-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	4	MFD
FB2-2 (Flush)	10-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2	MFD
FB3-2 (Flush)	4-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2	MFD
RIM1-2	88-00-00	1-1/8X11-7/8 LP-OSB Plus	1	1	FF
Bk1-2	76-00-00	11-7/8" LPI 20Plus	1	1	FF

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
DB1-0 (Dropped)	18-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2	MFD
DB2-0 (Dropped)	16-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	4	MFD
DB3-0 (Dropped)	14-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	6	MFD
DB4-0 (Dropped)	12-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	6	MFD

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PROPOSED DESIGN-
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CONSTRUCTION

Job #

Q-2200369

Harris Resd Oakfield

Fuquay Varina

Date Quoted:

Designer:

Devon Thompson

Truesdale Capital
198 Annabelle Dr
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Roof Truss Loading per 2018 NC Residential Code

Top Chord Live Load 20# PSF
Top Chord Dead Load 10# PSF
Bottom Chord Live Load 0# PSF
Bottom Chord Dead Load 10# PSF

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

- △ - This symbol denotes left end of truss as shown on truss drawings
- - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:

- ⊕ - Nailed
- ⊔ - Ledger

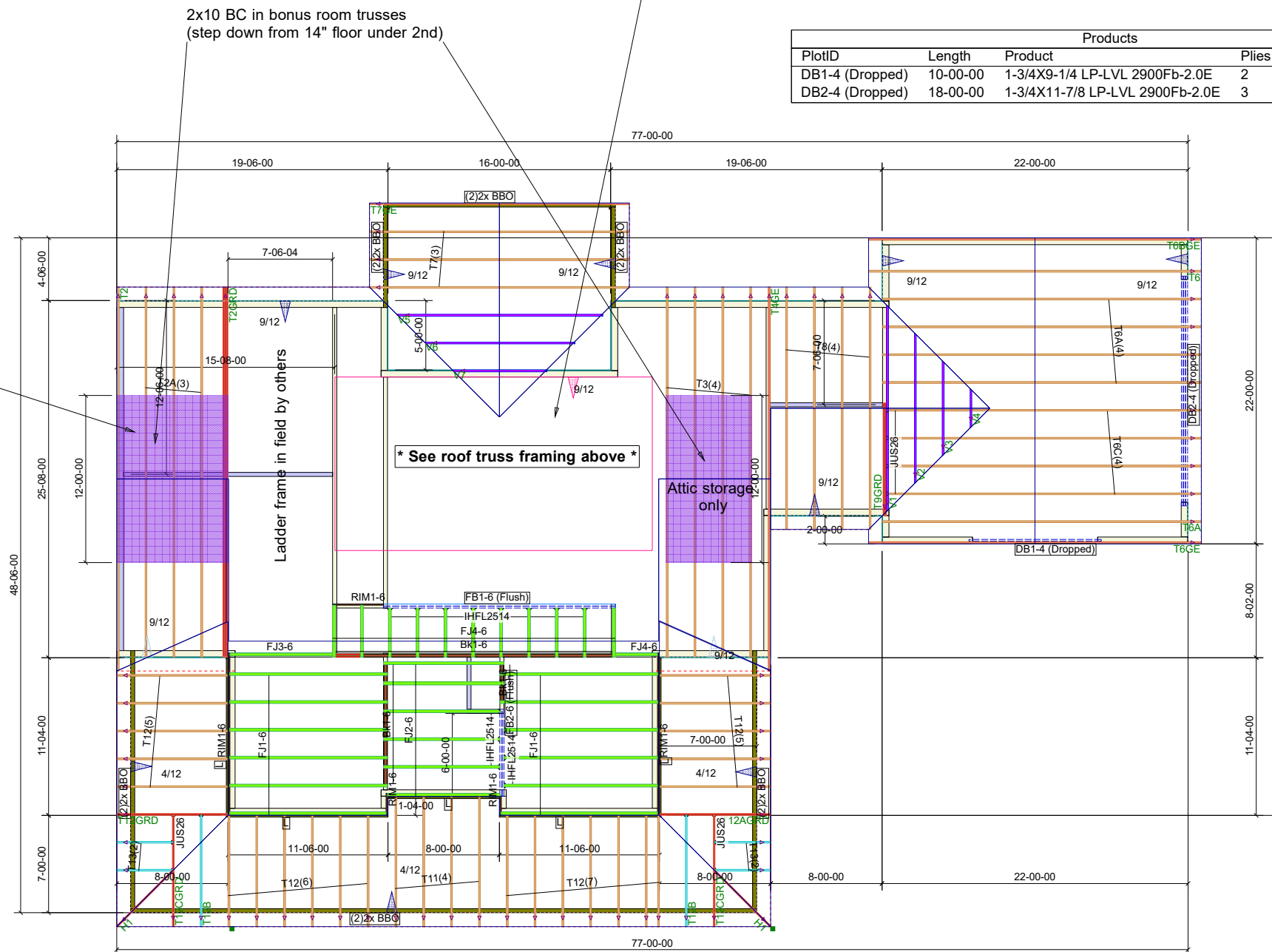
Floor Truss Loading per 2018 NC Residential Code

Top Chord Live Load 40# PSF
Top Chord Dead Load 10# PSF
Bottom Chord Live Load 0# PSF
Bottom Chord Dead Load 5# PSF

Live load deflection limit L/360
Spans over 20' limit L/480

This design proposes a sloped CLG from the 1st floor to the 2nd floor.
Please review truss Drawings

PlotID	Length	Product	Plies	Net Qty	Fab Type
DB1-4 (Dropped)	10-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2	MFD
DB2-4 (Dropped)	18-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3	MFD



7'6" CLG in bonus truss,
8' CLG does NOT function in this truss

2x10 BC in bonus room trusses
(step down from 14" floor under 2nd)

Ladder frame in field by others

* See roof truss framing above *

Attic storage only

Roof Trusses
2' OC, 1' Overhang

Manuf	Product	Qty
USP	JUS26	6

Harris Residence Oakfield - 1st Floor
14" I-Joists
2' OC

Qty	Manuf	Product
1	USP	IHFL2514
13	USP	IHFL2514

PlotID	Length	Product	Plies	Net Qty	Fab Type
FJ1-6	12-00-00	14" LPI 20Plus	1	12	MFD
FJ2-6	10-00-00	14" LPI 20Plus	1	6	MFD
FJ3-6	8-00-00	14" LPI 20Plus	1	1	MFD
FJ4-6	4-00-00	14" LPI 20Plus	1	12	MFD
FB1-6 (Flush)	18-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2	MFD
FB2-6 (Flush)	8-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2	MFD
RIM1-6	30-00-00	1-1/8X14 LP-OSB Plus	1	1	FF
Bk1-6	28-00-00	14" LPI 20Plus	1	1	FF

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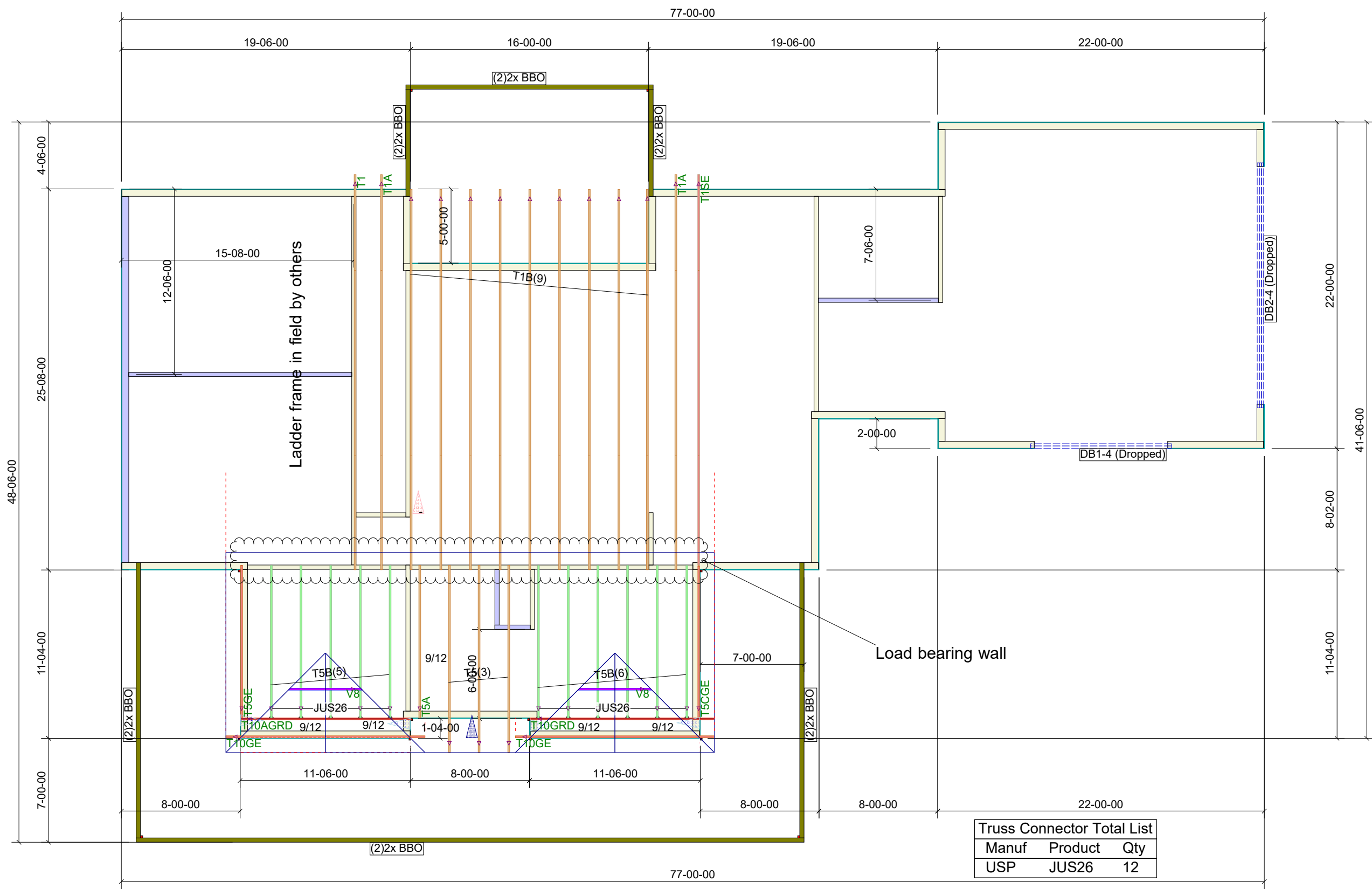
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 Top Chord Dead Load 10# PSF
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 Bottom Chord Dead Load 10# PSF

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.
 △ - This symbol denotes left end of truss as shown on truss drawings
 ● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:
 (N) - Nailed
 (L) - Ledger



Truss Connector Total List		
Manuf	Product	Qty
USP	JUS26	12

Harris Residence Oakfield - Upper Roof
Roof Trusses
2' OC, 1' Overhang

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 Fuquay Varina

Date Quoted:
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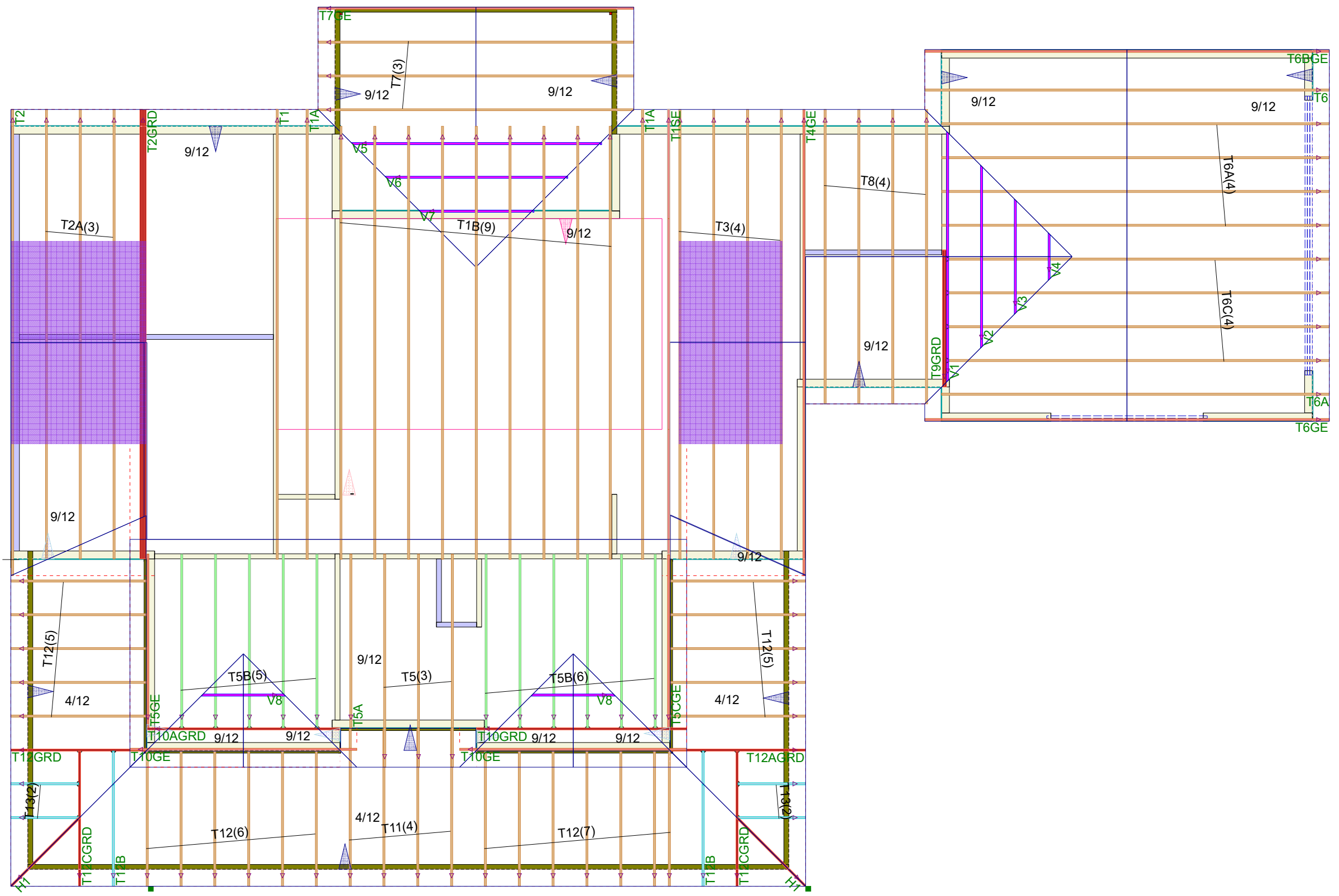
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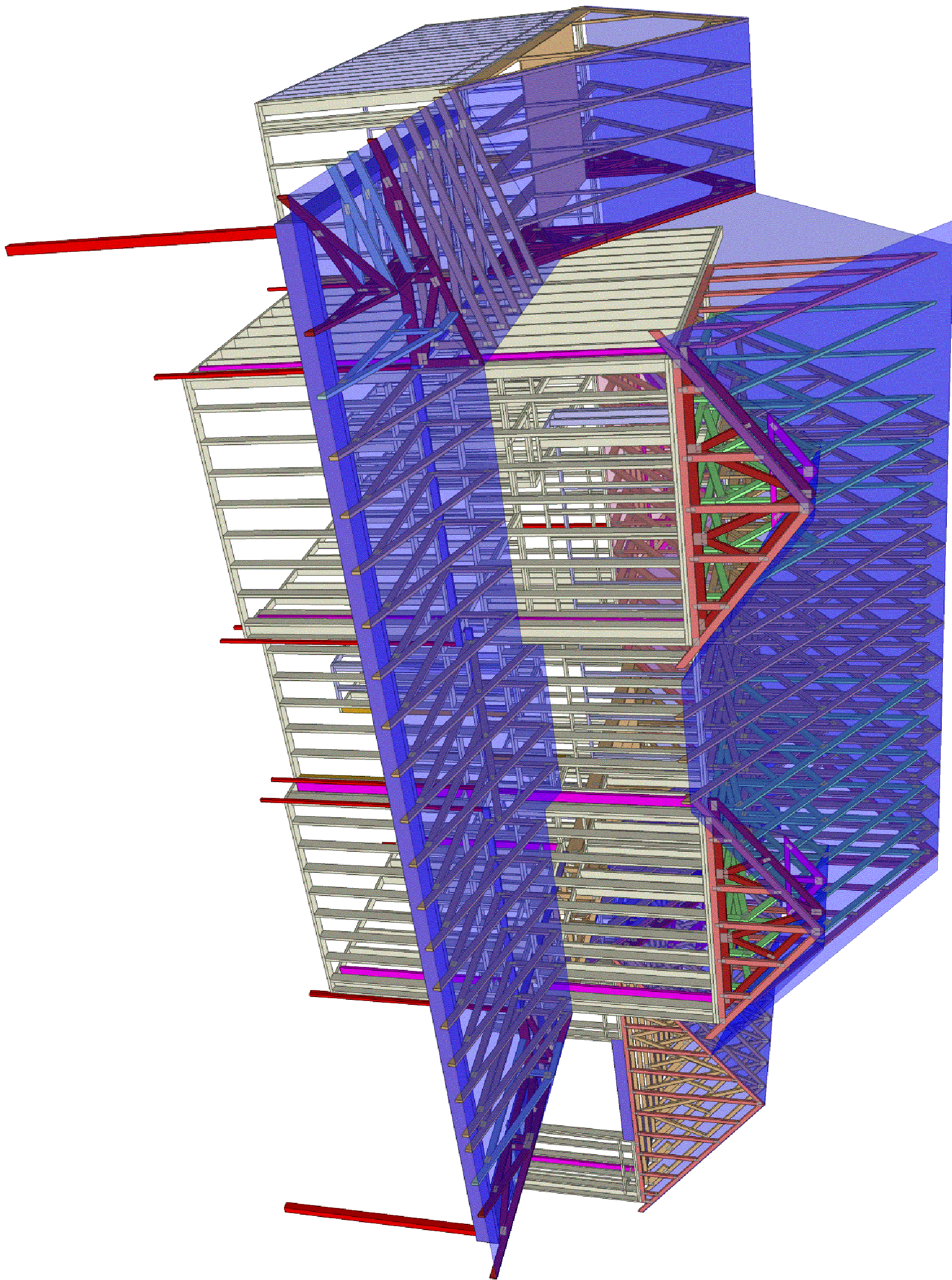
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**Peak Truss
Builders, LLC**

PO Box 340, New Hill, NC 27562

Tuesdale Capital
198 Annabelle Dr
Chapel Hill, NC

Date Quoted:

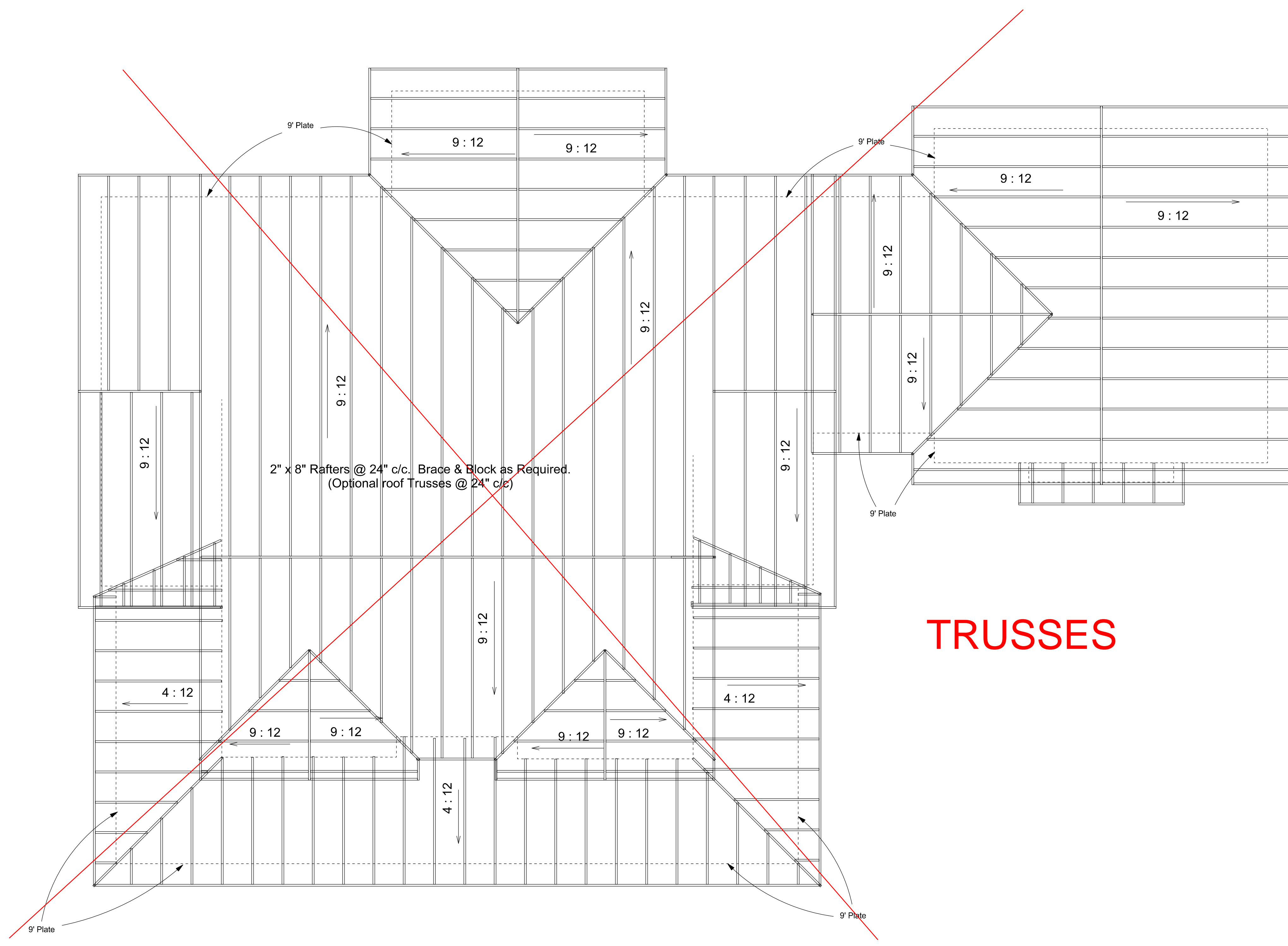
Designer:
Devon Thompson

Harris Resd Oakfield

Fuquay Varina

Job #

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2" x 8" Rafters @ 24" c/c. Brace & Block as Required.
 (Optional roof Trusses @ 24" c/c)

TRUSSES

Roof Plan

REVISIONS	BY

#24392 - Oakfield - Reversed

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