

NOTICE TO CONTRACTOR  
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

**APPROVED**  
Limited building only review  
Permit holder responsible for full compliance with the code

12/31/2020




Basse Designs  
2727 Chimney Pt.  
Linden N.C. 28356  
910-864-1253

DATE 12/22/2020  
REVISED  
DRAWING\*

Elv. B

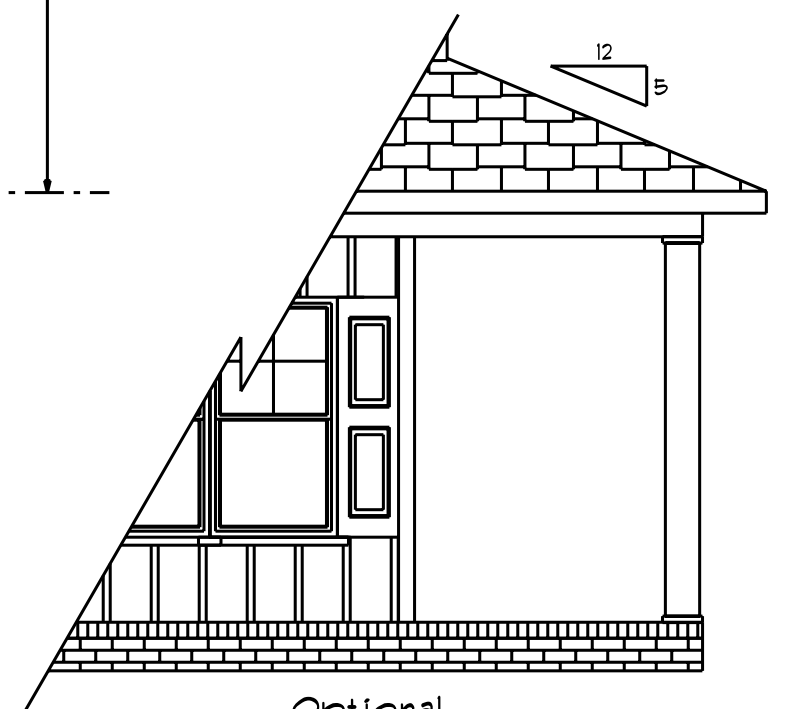
SCALE  
DRAWN BY  
APPROVED

The Stockton XL

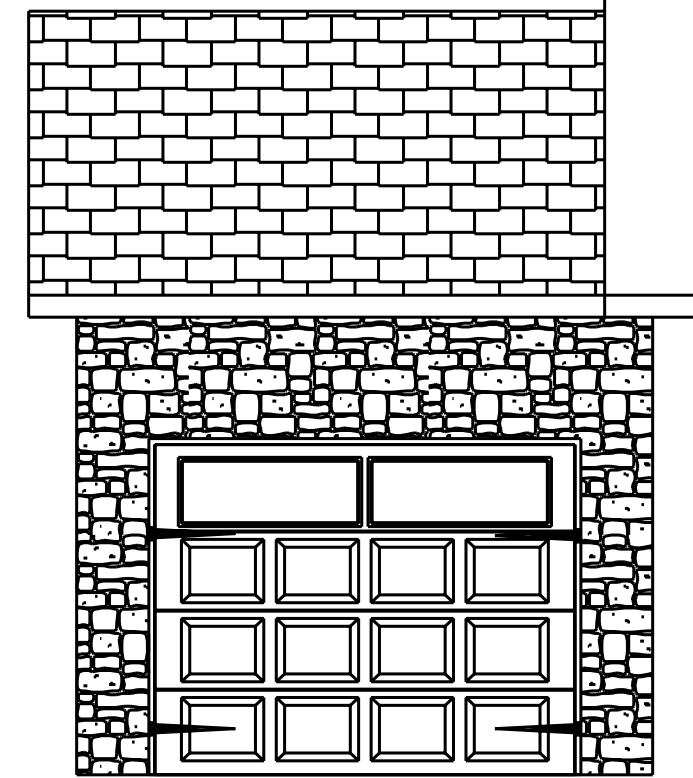


**Front Elevation**  
Scale: 1/4" = 1'0"

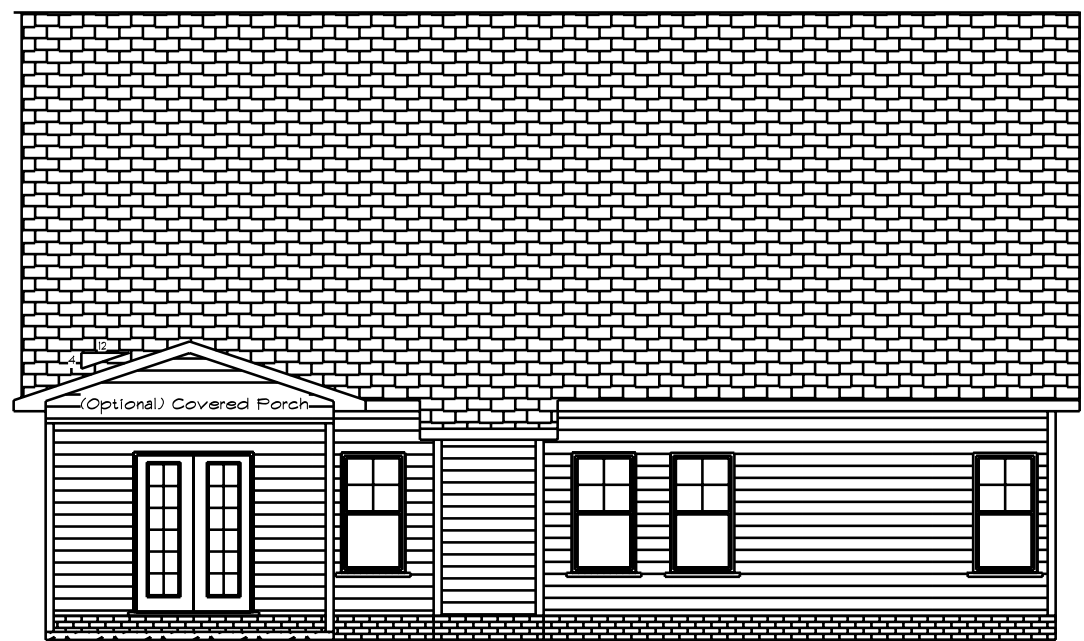
Eave To Ridge length 16'-1"



Optional  
Wrap-Around  
Porch



Optional  
3rd Garage



**Rear Elevation**  
Scale: 1/8" = 1'0"

1/2" Continuous Wood Sheathing On  
All exterior Walls  
Exterior Finish Is Vinyl Siding, Vinyl  
Shakes Or Manufactured Stone

**Fenestration And Insulation Requirements**

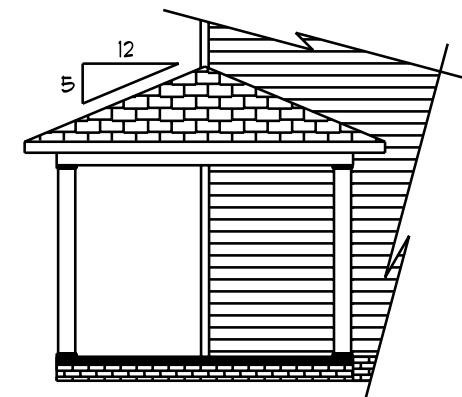
Climate Zone	3A	4A
Fenestration U-Factor	0.35	0.35
Glazed Fenestration SHGC	0.3	0.3
Minimum Ceiling R-Value	30	30/38
Minimum Wall R-Value	13	15
Minimum Slab R-Value	0	10
Minimum Floor R-Value	19	19
Glazing Pressure	+/-2 psf	+/-2 psf

Total Glazing Area = 255.68 Sq.Ft.

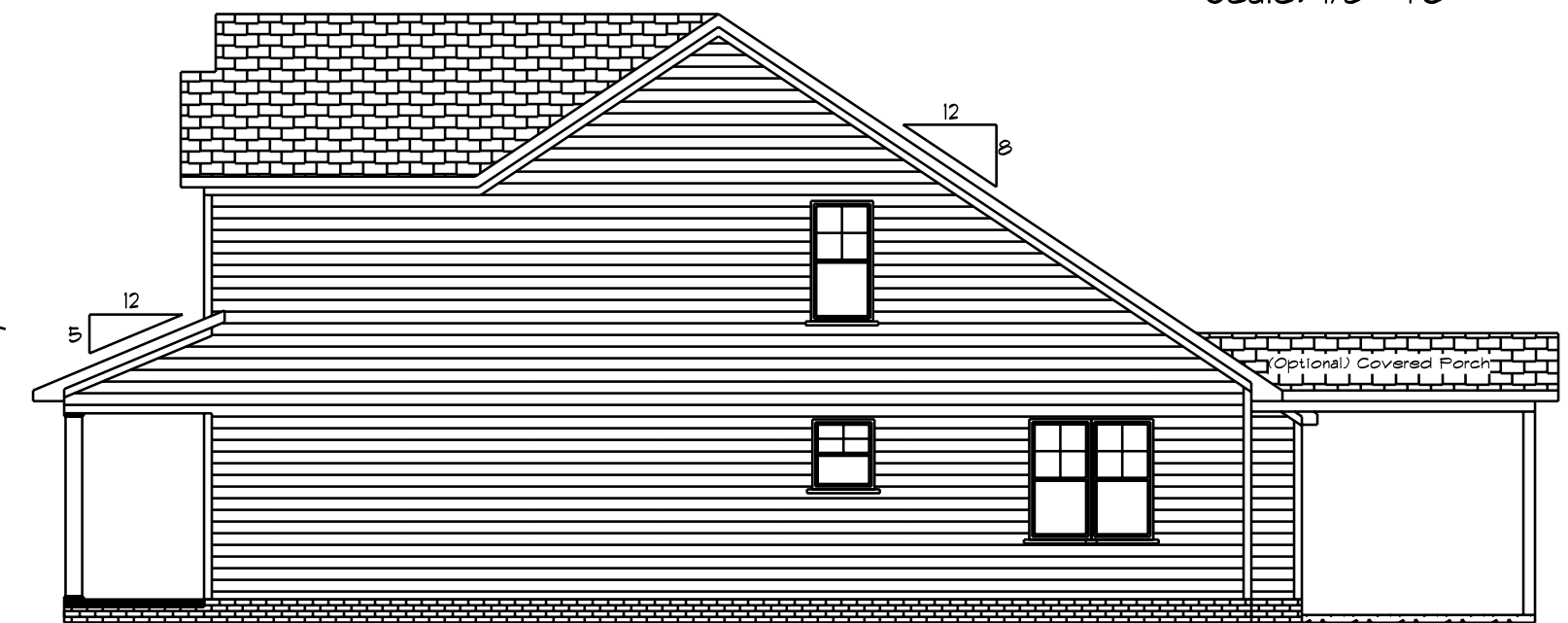
**ATTIC VENTILATION**  
1266 SQ.FT. OF ATTIC / 150 = 8.44 SQ.FT.  
TOTAL NET FREE VENTILATING AREA.

VENTILATION MAY BE REDUCED 50%  
PROVIDED AT LEAST 50 PERCENT AND  
NOT MORE THAN 80 PERCENT OF THE  
REQUIRED VENTILATING AREA IS  
PROVIDED BY VENTILATORS LOCATED IN  
THE UPPER PORTION OF THE SPACE TO  
BE VENTILATED AT LEAST 3'-0" ABOVE  
EAVE OR CORNICE VENTS WITH THE  
BALANCE OF THE REQUIRED VENTILATION  
PROVIDED BY EAVE OR CORNICE VENTS.

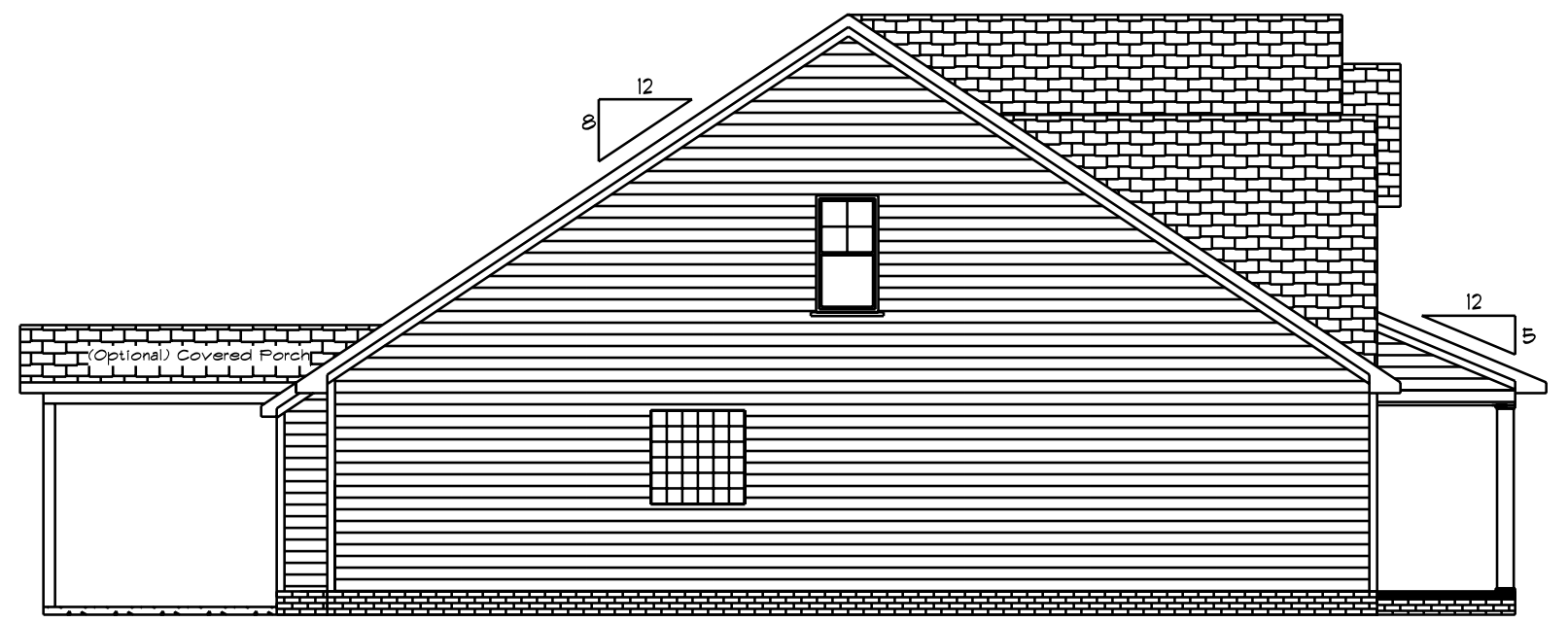
This Plan Is Designed To Meet  
The Requirements Of The 2018  
Residential Building Code



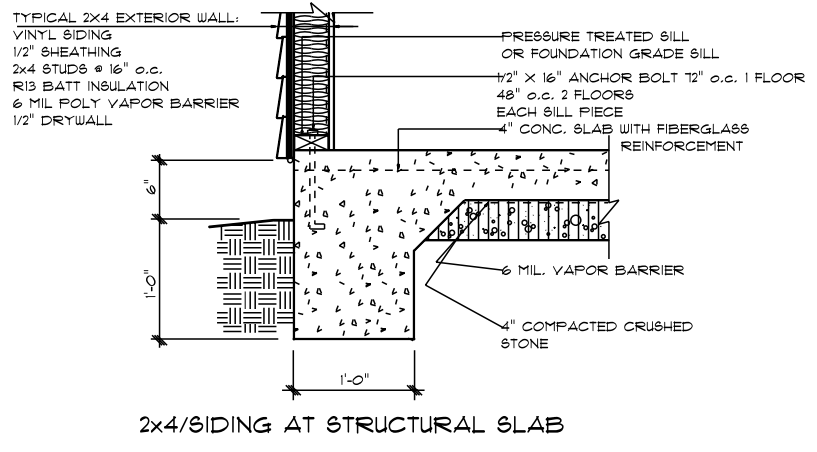
Optional  
Wrap-Around  
Porch



**Right Elevation**  
Scale: 1/8" = 1'0"



**Left Elevation**  
Scale: 1/8" = 1'0"



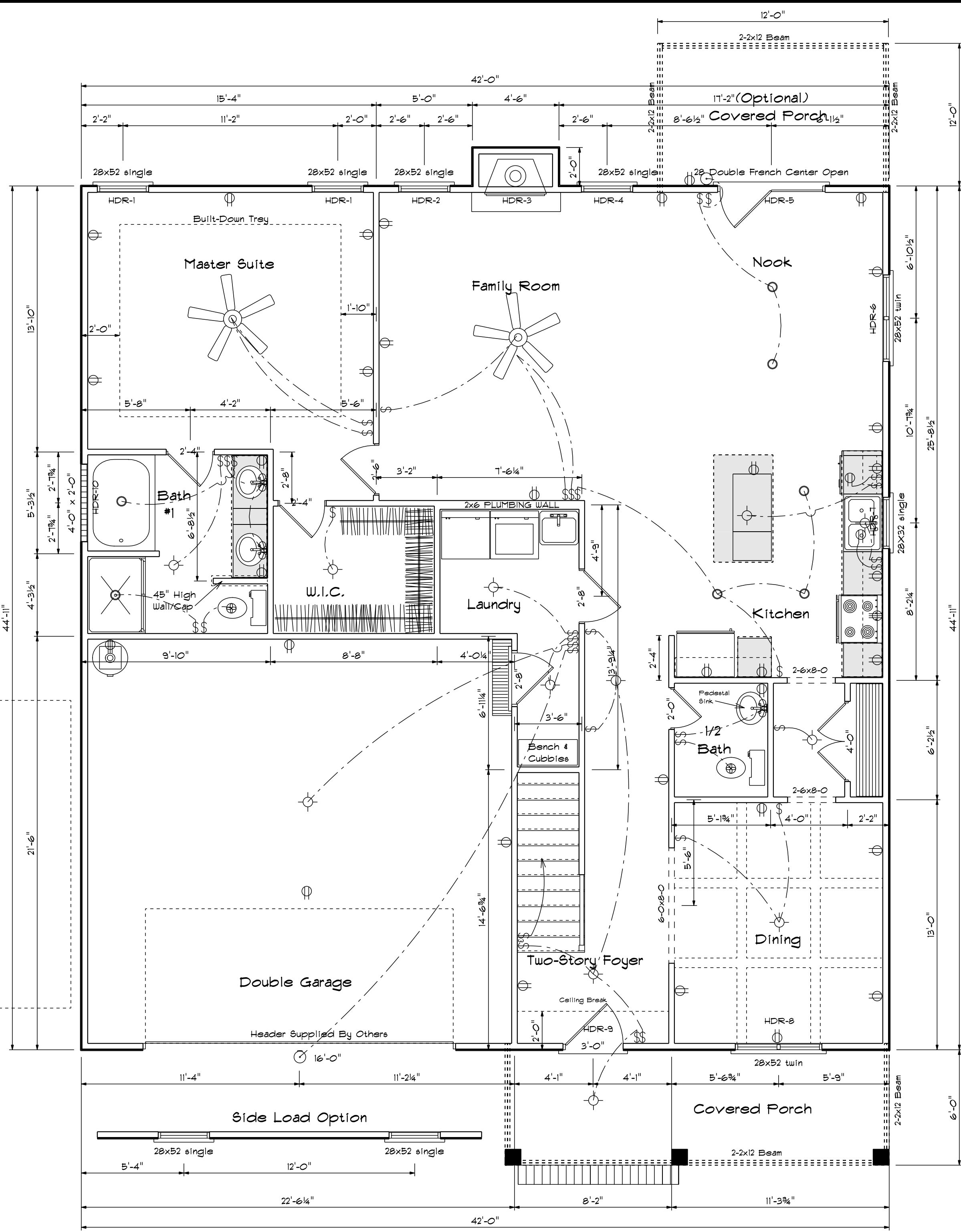
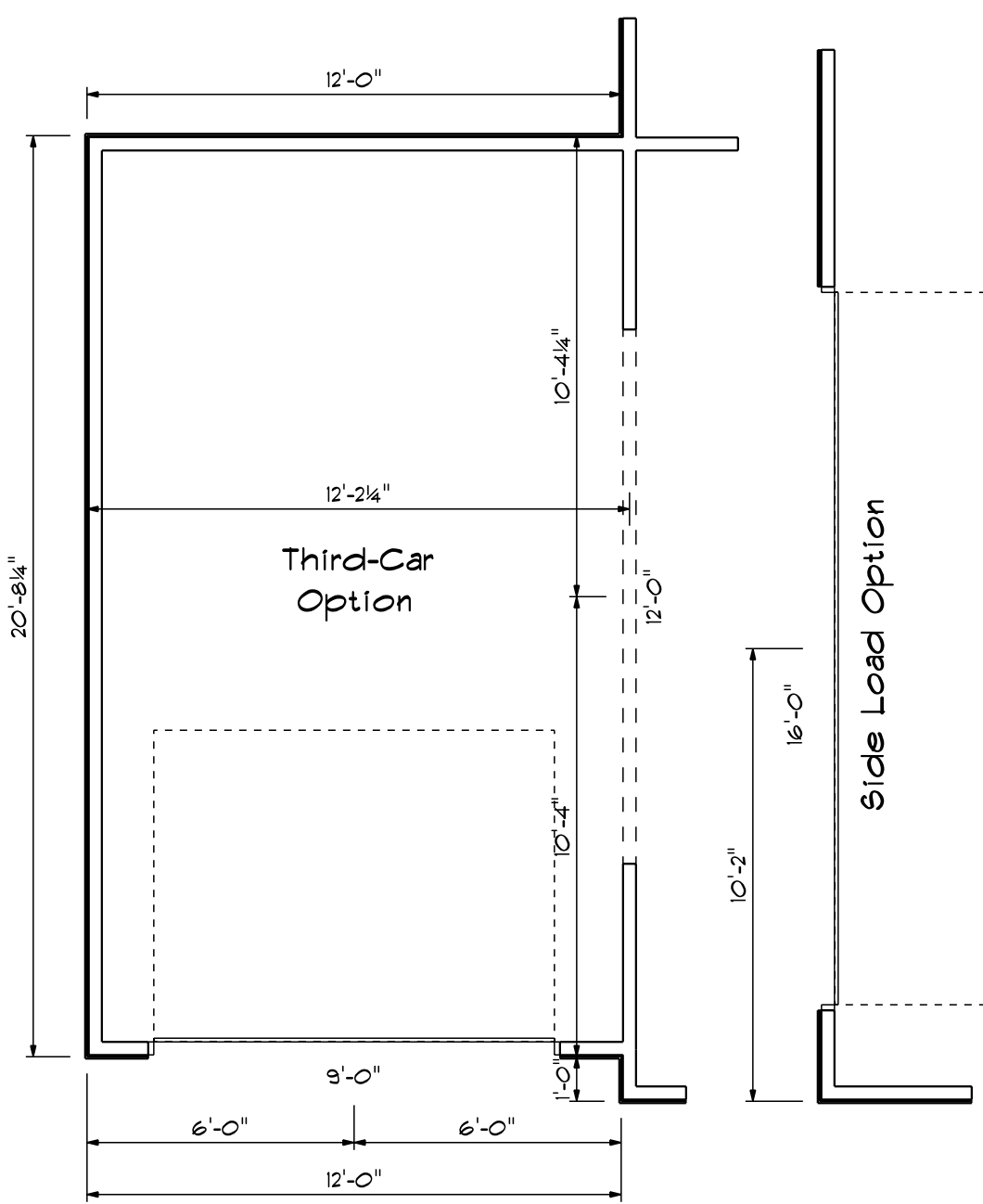
All Headers Double #2 Pine With Double Jacks When Length Over 6'-0"

HDR	Size	Length
1	2x10	3' 3 1/2"
2	2x12	3' 3 1/2"
3	2x10	4' 3 1/2"
4	2x10	2' 3 1/2"
5	2x10	5' 7 1/2"
6	2x10	5' 7 1/2"
7	2x10	3' 3 1/2"
8	2x10	5' 7 1/2"
9	2x10	3' 3 1/2"
10	2x10	4' 3 1/2"

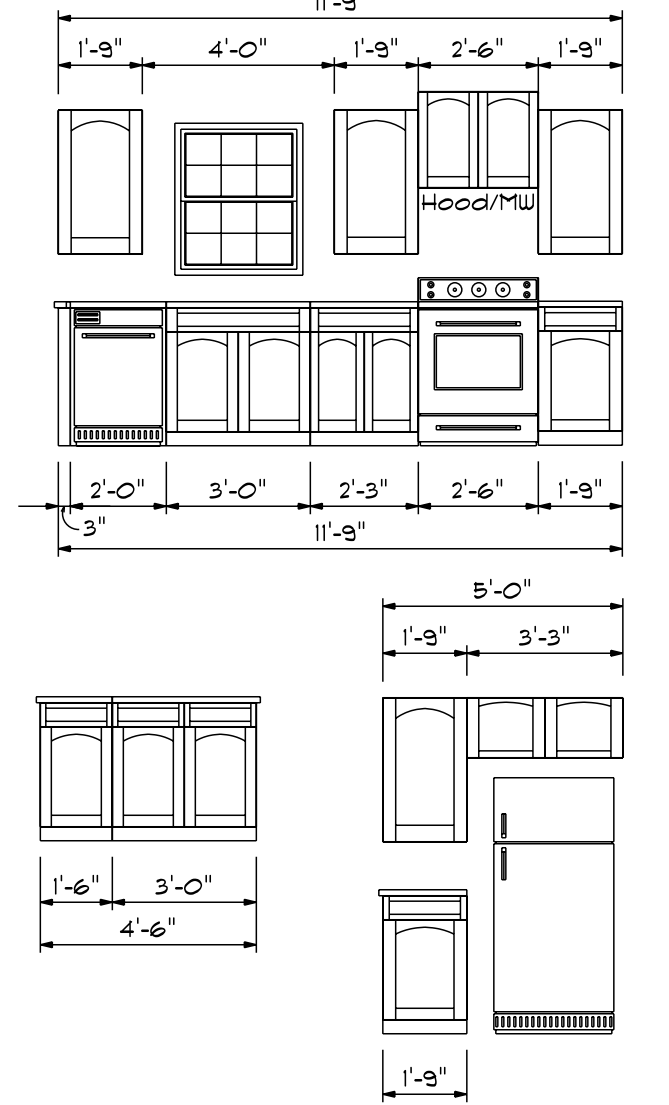
Note: ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/16 OSB For Base Wall Support.

1st Floor Glazing Area = 133.07 Sq.Ft.

PRODUCT CODE	SIZE	COUNT	WIDTH	HEIGHT
60X80 LH ENTRY - 2 SL	5'-0"	1	5'-0"	6'-9 1/2"
28X32 single	2'-8" x 3'-2"	1	2'-8"	3'-2"
28X52 single	2'-8" x 5'-2"	4	2'-8"	5'-2"
28X52 twin	5'-4" x 5'-2"	1	5'-4"	5'-2"
4-0x2-0 Glass Block	4'-0" x 2'-0"	1	4'-0"	2'-0"



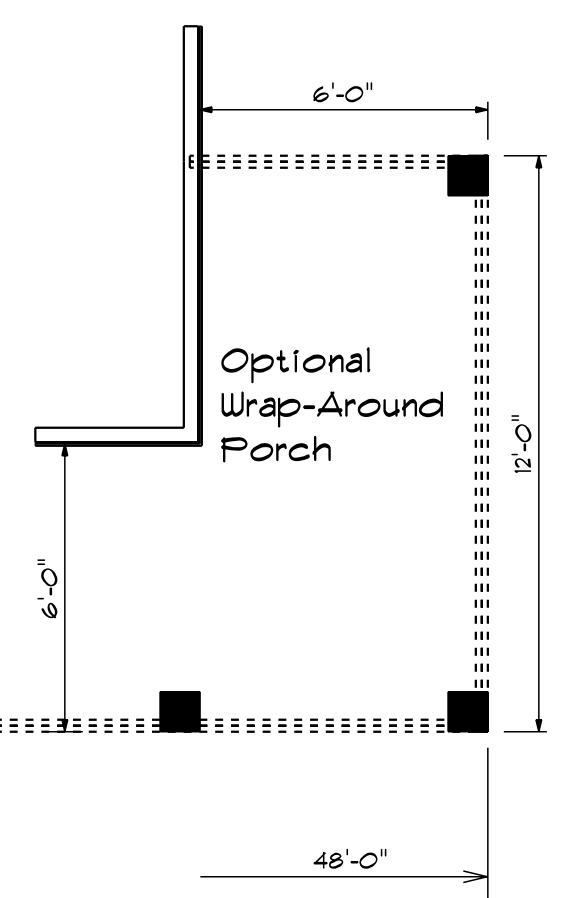
### Kitchen Cabinets



### First Floor Plan

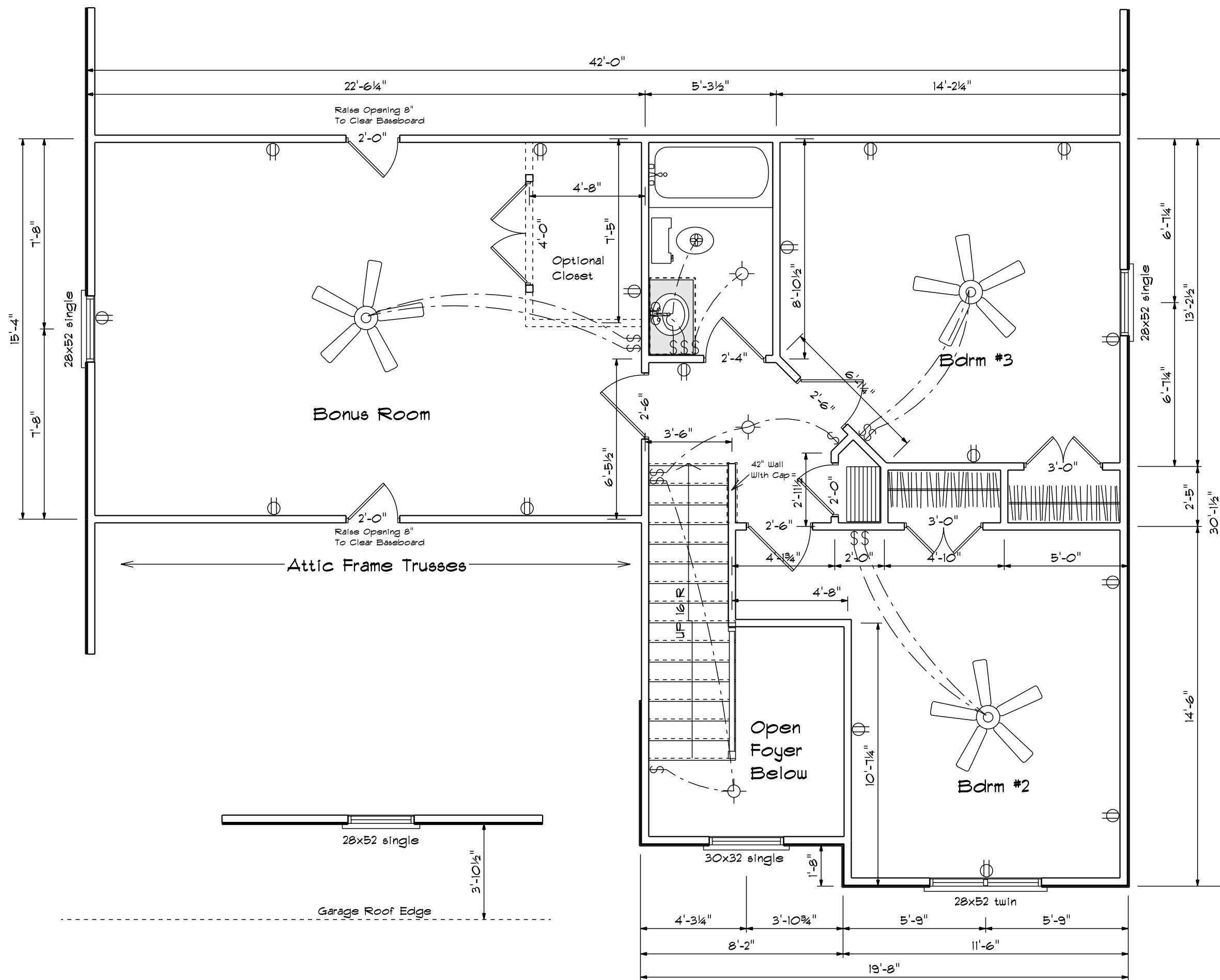
#### Areas

First Floor	1412
Second Floor	840
<b>Total Heated</b>	<b>2252</b>
With Optional Bdrm #2	2310
Garage	479
Front Porch	115
Optional Third Car Garage	240
Optional Rear Covered Porch	144

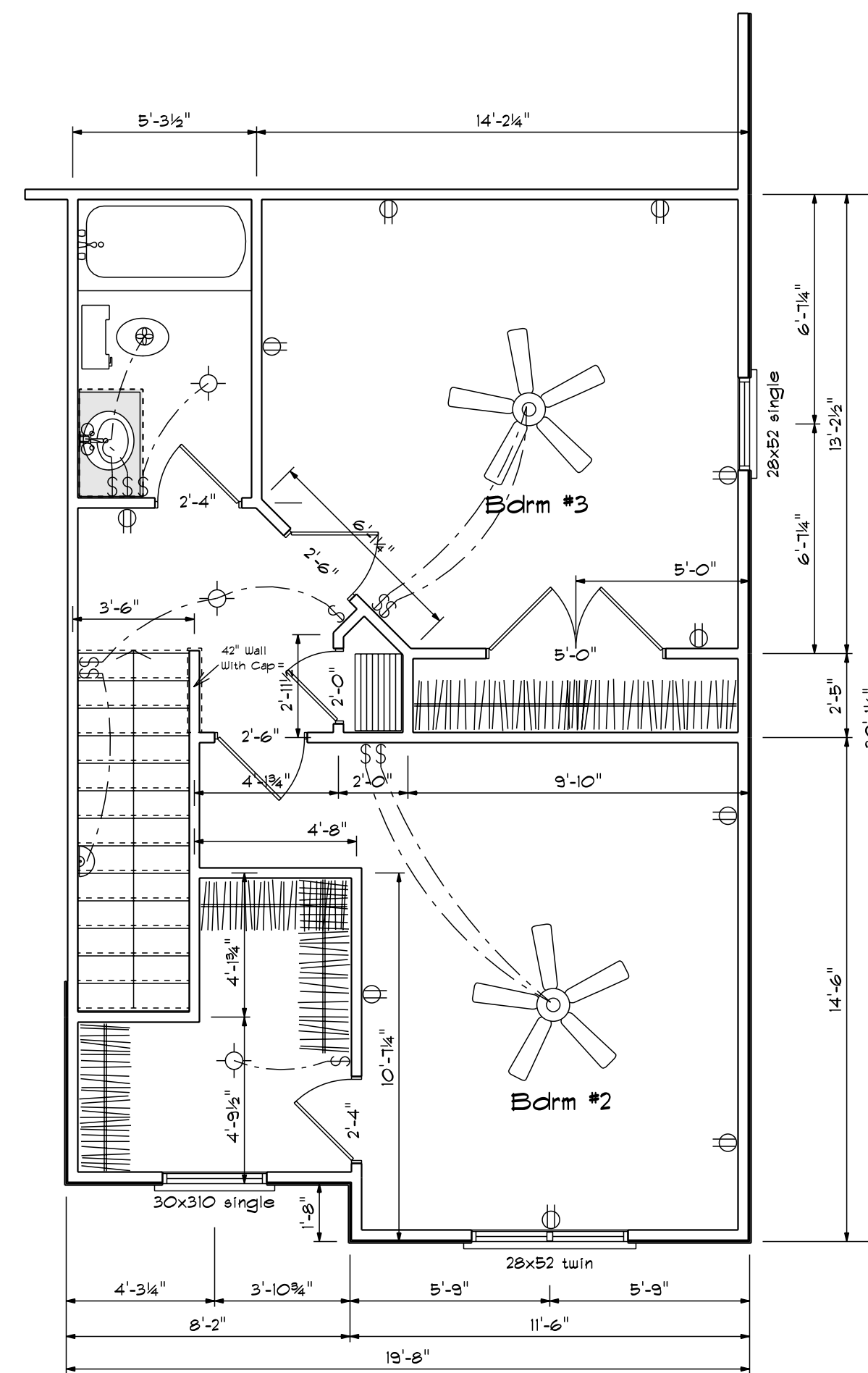


FIRST FLOOR OPENING SCHEDULE			
PRODUCT CODE	SIZE	HINGE	COUNT
32X80 COLONIAL A 1	2'-8"	R	1
36X80 Entry	3'-0"	L	1
28 Double French Center Open	5'-4"	NL	1
108X84 - 4 PANEL - 2 WINDOW (Optional)	9'-0"	U	1
192X84 - 8 PANEL - 4 WINDOW	16'-0"	U	2
2-6 Door Unit	2'-6"	L	1
2-0 Door Unit	2'-0"	L	1
2-4 Door Unit	2'-4"	L	1
2-4 Door Unit	2'-4"	R	2
2-8 Door Unit	2'-8"	L	1
4-0 Double Hung Door Unit	4'-0"	LR	1
28X32 single	2'-8" x 3'-2"	N	1
28x52 single	2'-8" x 5'-2"	N	4
28x52 twin	4'-6" x 5'-2"	NN	2
1-0x4-0 glass block	4'-0" x 2'-0"	N	1

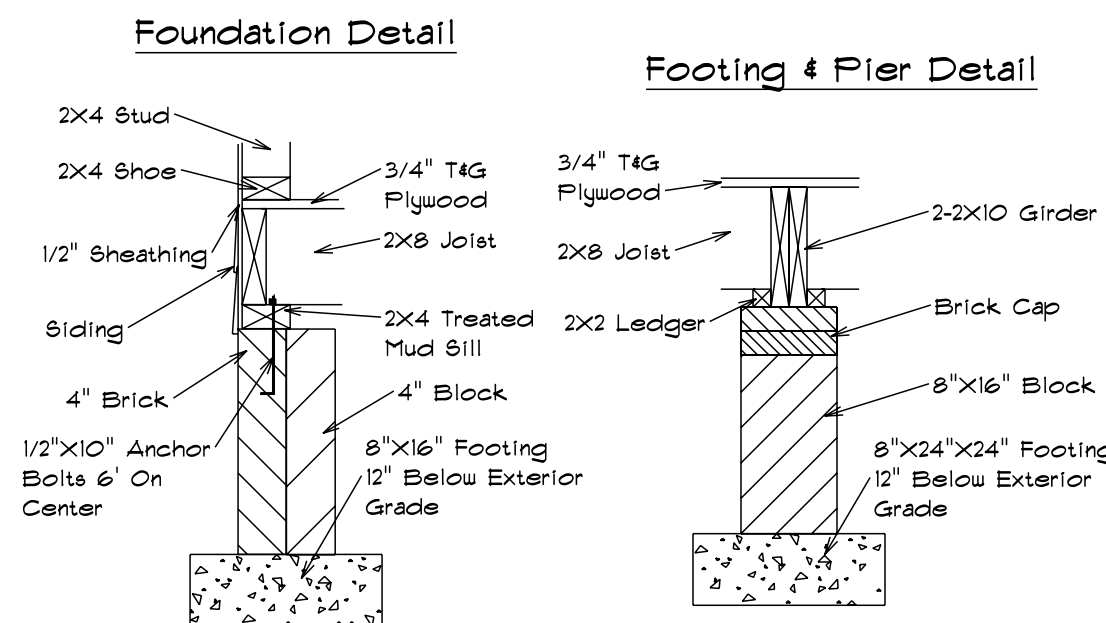
SECOND FLOOR OPENING SCHEDULE			
PRODUCT CODE	SIZE	HINGE	COUNT
2-0 Door Unit	2'-0"	R	1
2-6 Door Unit	2'-6"	R	1
2-0 Door Unit	2'-0"	R	1
2-0 Door Unit	2'-0"	L	1
2-4 Door Unit	2'-4"	L	1
2-6 Door Unit	2'-6"	R	1
2-6 Door Unit	2'-6"	L	1
3-0 Double Hung Door Unit	3'-0"	LR	2
4-0 Double Hung Door Unit	4'-0"	LR	1
28x52 single	2'-8" x 5'-2"	N	1
28x52 single	2'-8" x 5'-2"	N	2
28x52 twin	4'-6" x 5'-2"	NN	1
30x32 single	3'-0" x 3'-2"	N	1



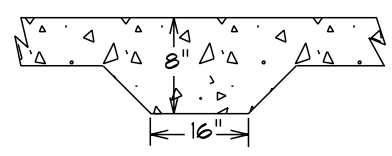
Second Floor Plan



(Optional) Bdrm #2 + 58 Sq.Ft.

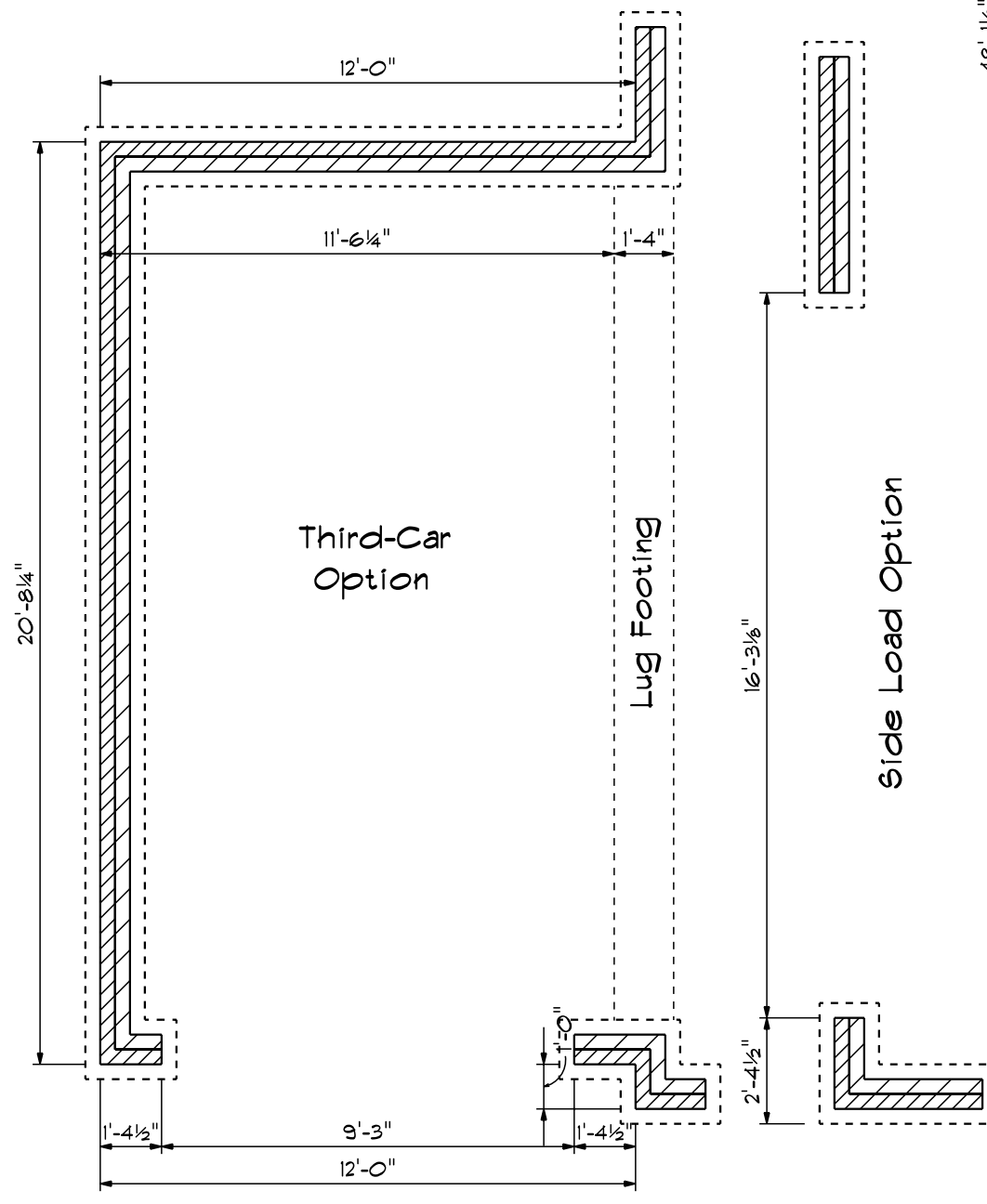


**Lug Footing Detail**

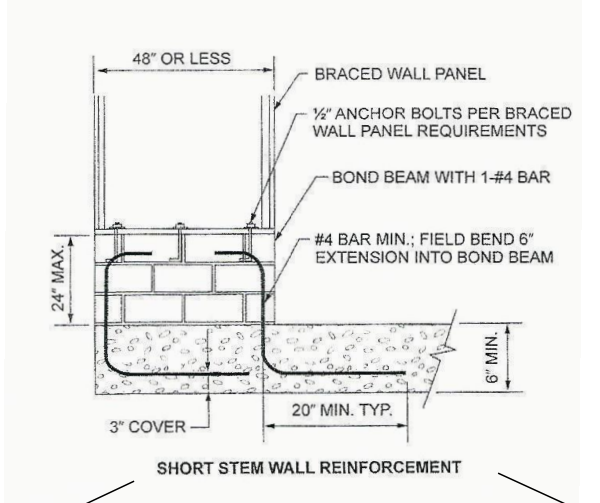
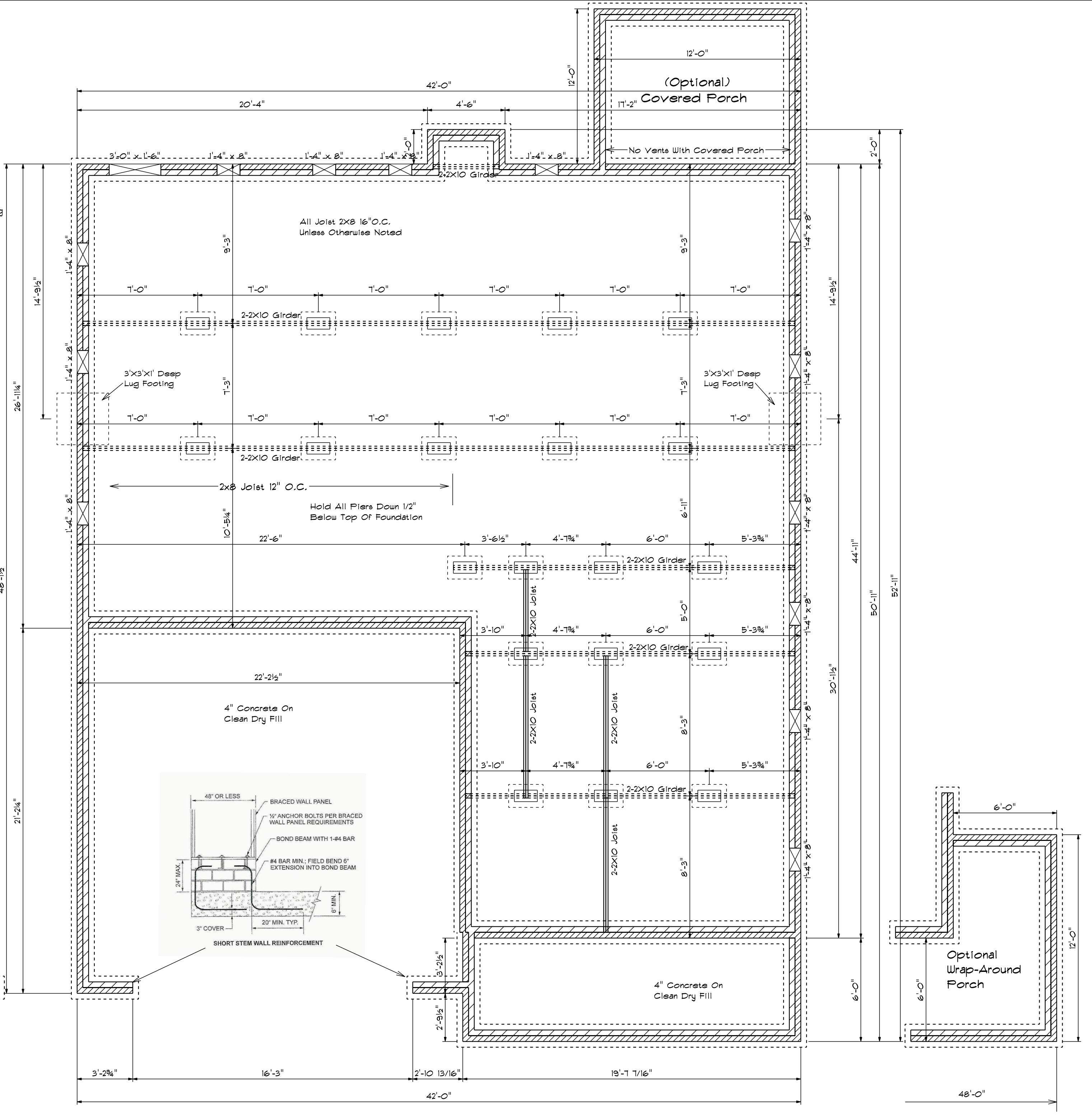


**FOUNDATION VENTILATION**

1890 Sq.Ft. Foundation Area  
 Requires 12.6 Sq.Ft. Ventilation.  
 With 6 Mil. Poly, Plans Indicate  
 Vents For Adequate Cross  
 Ventilation.



**Foundation Plan**



Base Designs  
 2121 Chimney Pt.  
 Linden N.C. 28356  
 910-864-1253

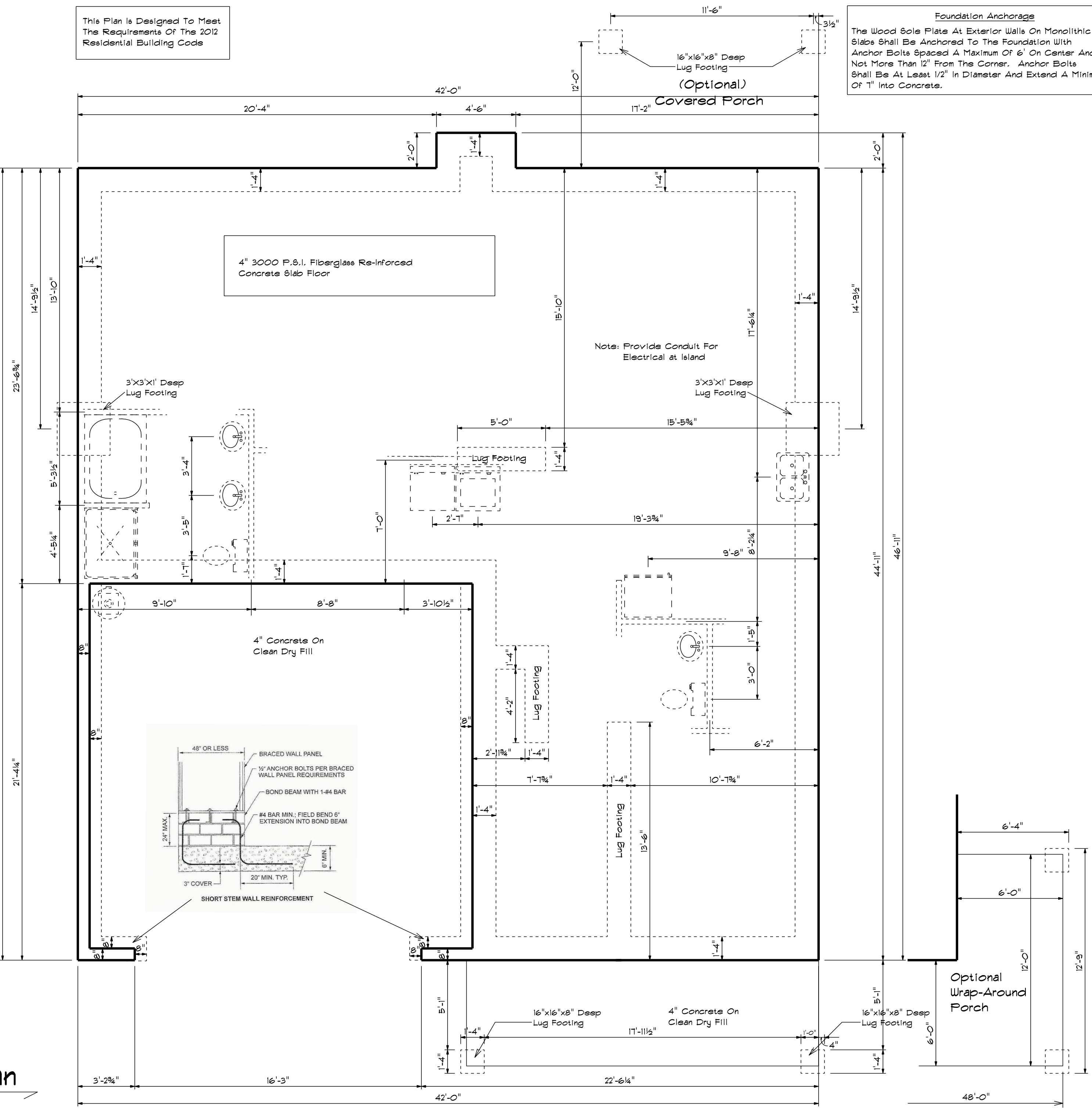
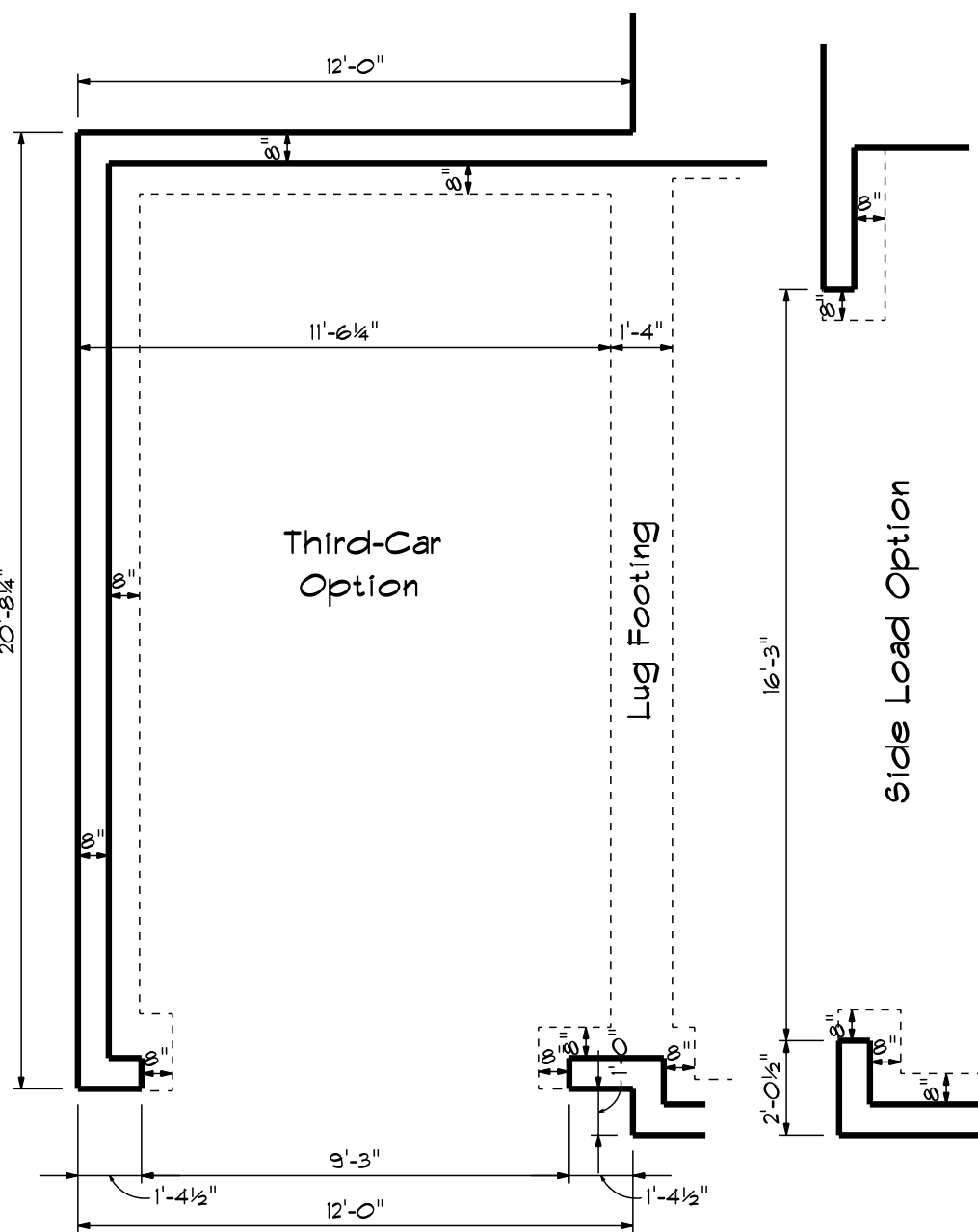
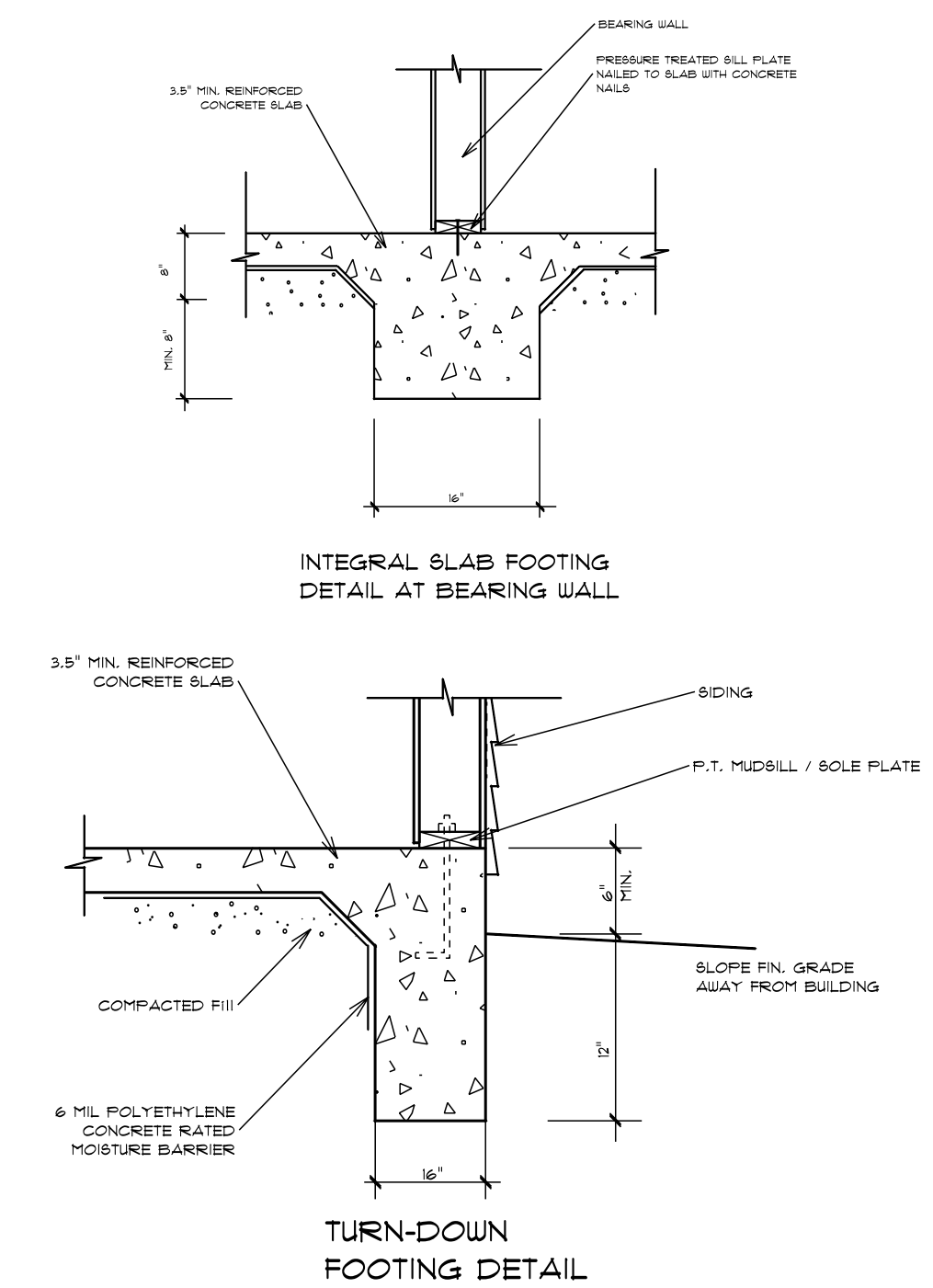
DATE 12/22/2020  
 REVISED  
 DRAWING\*

SCALE: 1/4"  
 DRAWN BY  
 APPROVED

**The Stockton XL**

This Plan is Designed To Meet The Requirements Of The 2012 Residential Building Code

**Foundation Anchorage**  
 The Wood Sole Plate At Exterior Walls On Monolithic Slabs Shall Be Anchored To The Foundation With Anchor Bolts Spaced A Maximum Of 6' On Center And Not More Than 12" From The Corner. Anchor Bolts Shall Be At Least 1/2" In Diameter And Extend A Minimum Of 7" Into Concrete.



Monolithic Foundation Plan

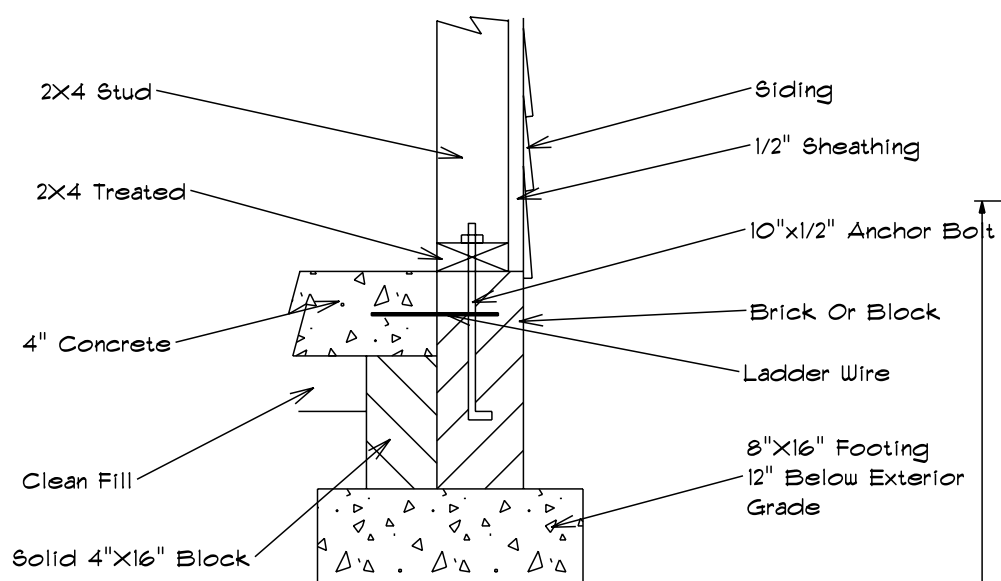
Base Designs  
 2727 Chimney Pt.  
 Linden N.C. 28356  
 910-864-1253

DATE 12/22/2020  
 REVISED  
 DRAWING\*

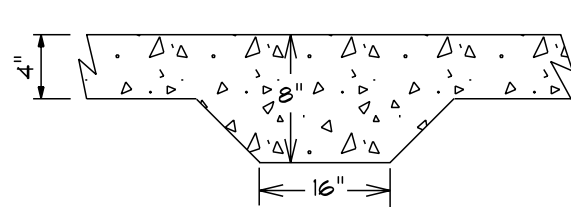
SCALE 1/4"  
 DRAWN BY  
 APPROVED

The Stockton XL

**Foundation Detail Siding**

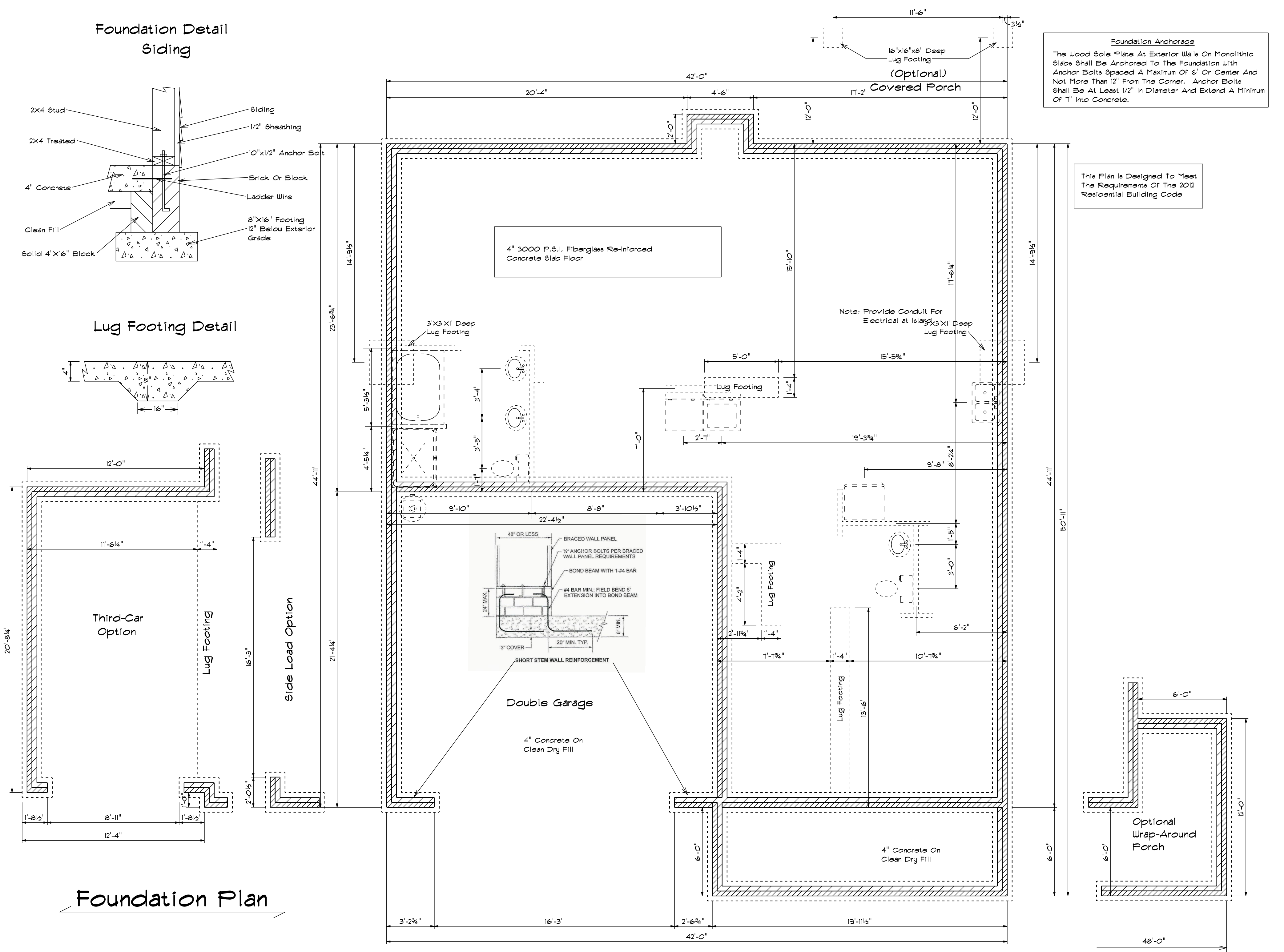


**Lug Footing Detail**



**Foundation Anchorage**  
 The Wood Sole Plate At Exterior Walls On Monolithic Slabs Shall Be Anchored To The Foundation With Anchor Bolts Spaced A Maximum Of 6' On Center And Not More Than 12" From The Corner. Anchor Bolts Shall Be At Least 1/2" In Diameter And Extend A Minimum Of 7" Into Concrete.

This Plan Is Designed To Meet The Requirements Of The 2012 Residential Building Code



**Foundation Plan**

Base Designs  
 2727 Chimney Pt.  
 Linden N.C. 28356  
 910-864-1253

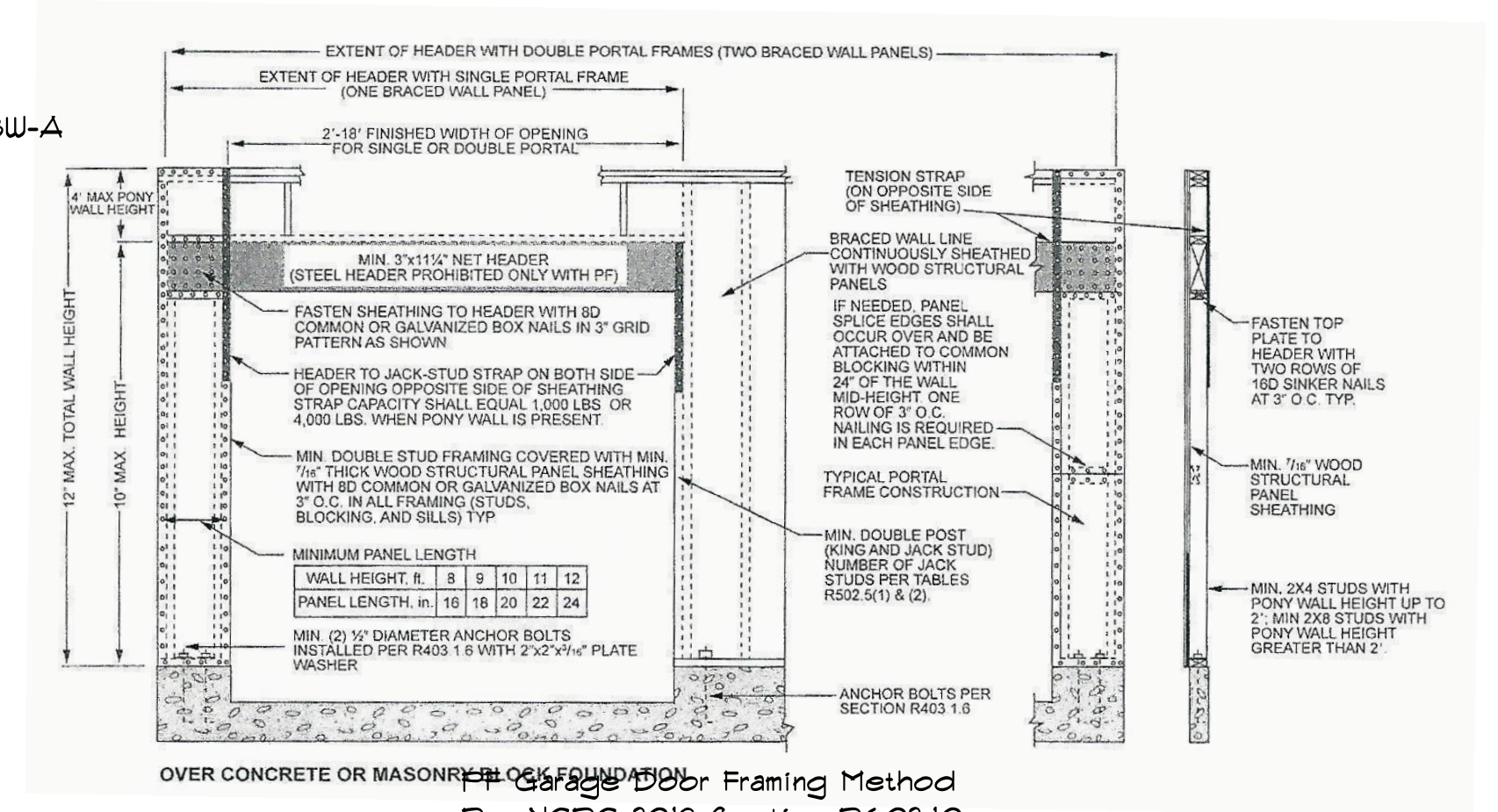
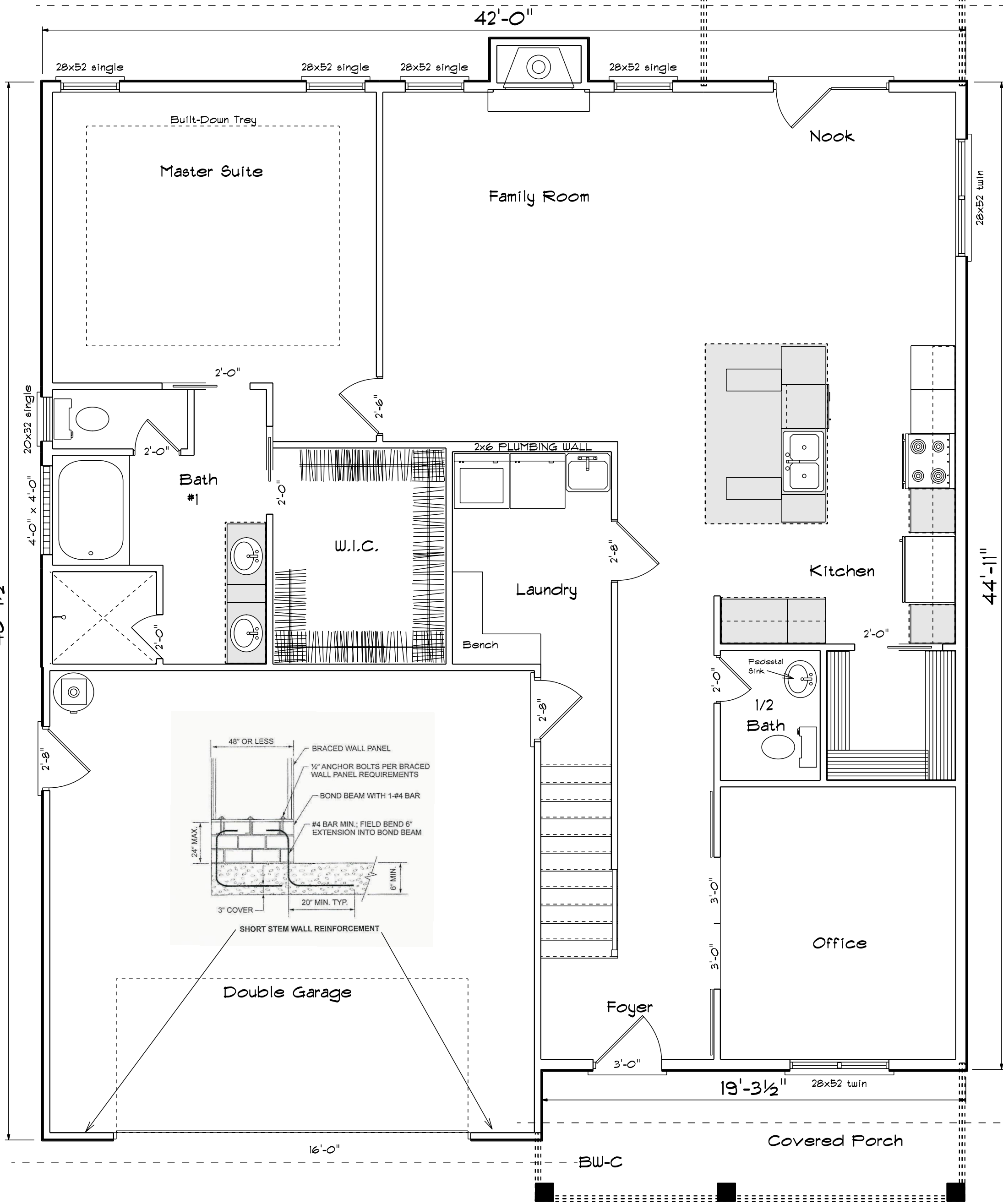
DATE 12/22/2020  
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 DRAWING\*

SCALE 1/4"  
 DRAWN BY  
 APPROVED

**The Stockton XL**

BW-2

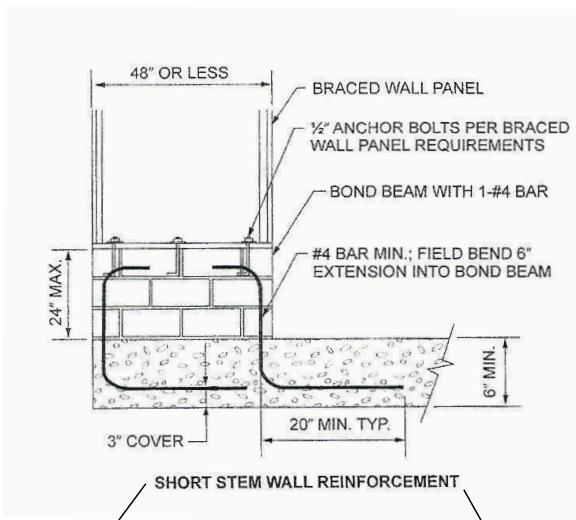
BW-1



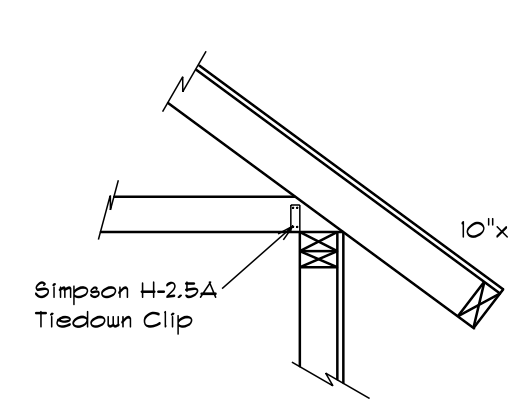
Garage Door Framing Method  
Per NCR 2018 Section R602.10

Fasteners Shall Be 6d Common Nails Or 8d (2-1/2" Long x 0.113" Diameter) Nail Spaced A Minium Of 6" Apart.

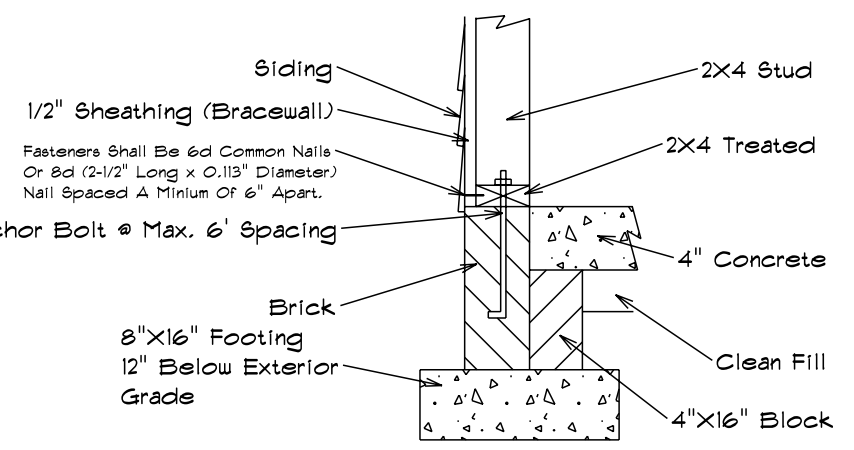
Panels Provided	Length Provided	Panels Required	Minium Length	Brace Wall
10.5	42'-0"	6.5	45'-0"	BW-A
4.8	19'-3"	3	20'-0"	BW-B
PF	Portal	PF	Portal	BW-C
11.2	44'-11"	6.5	45'-0"	BW-1
12	48'-2"	7	50'-0"	BW-2



Roof Truss Bracewall Attachment



Foundation Bracewall Attachment



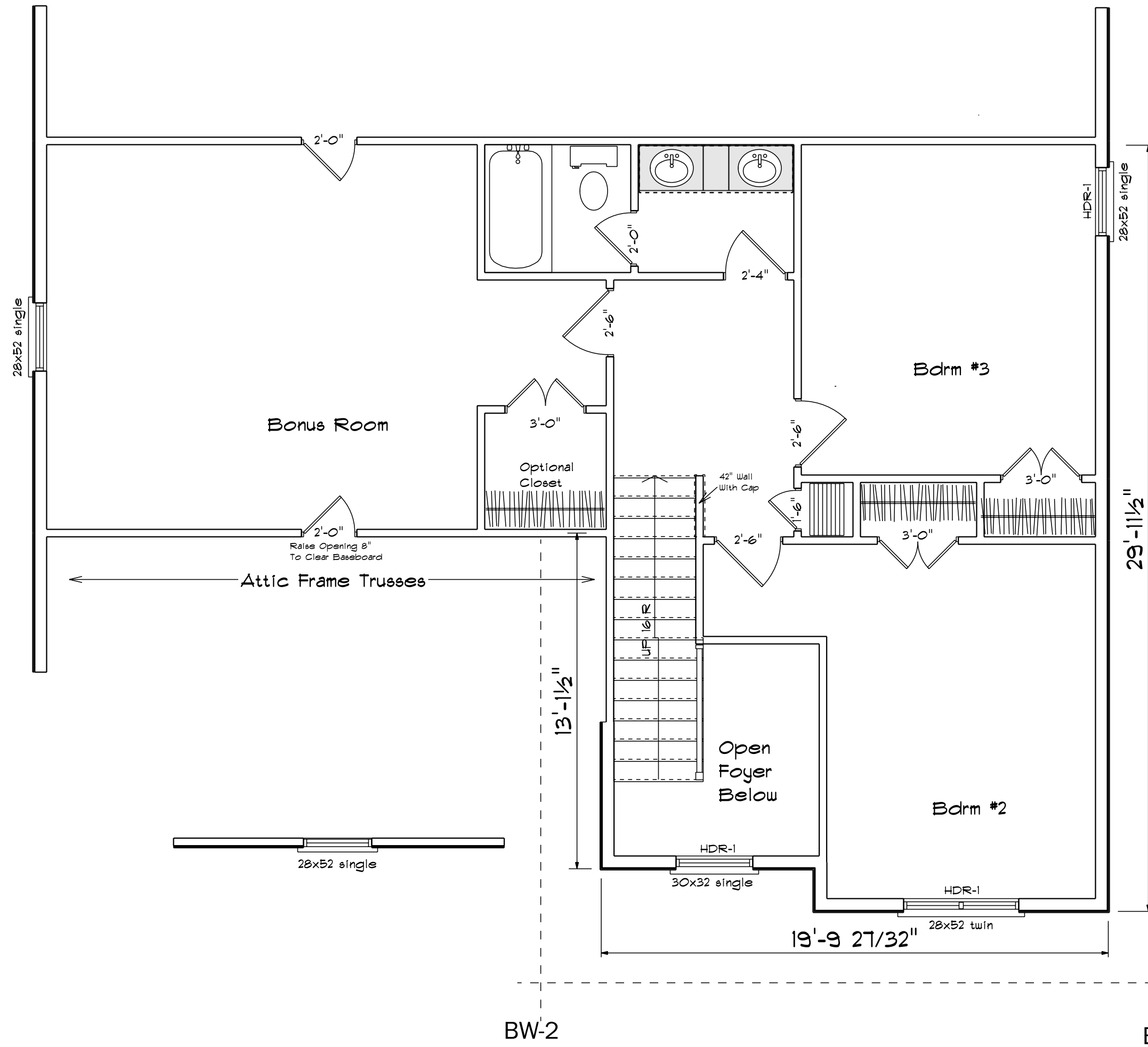
# First Floor Brace Wall Plan

Bass Designs  
2121 Chimney Pt.  
Linden N.C. 28356  
910-864-9310

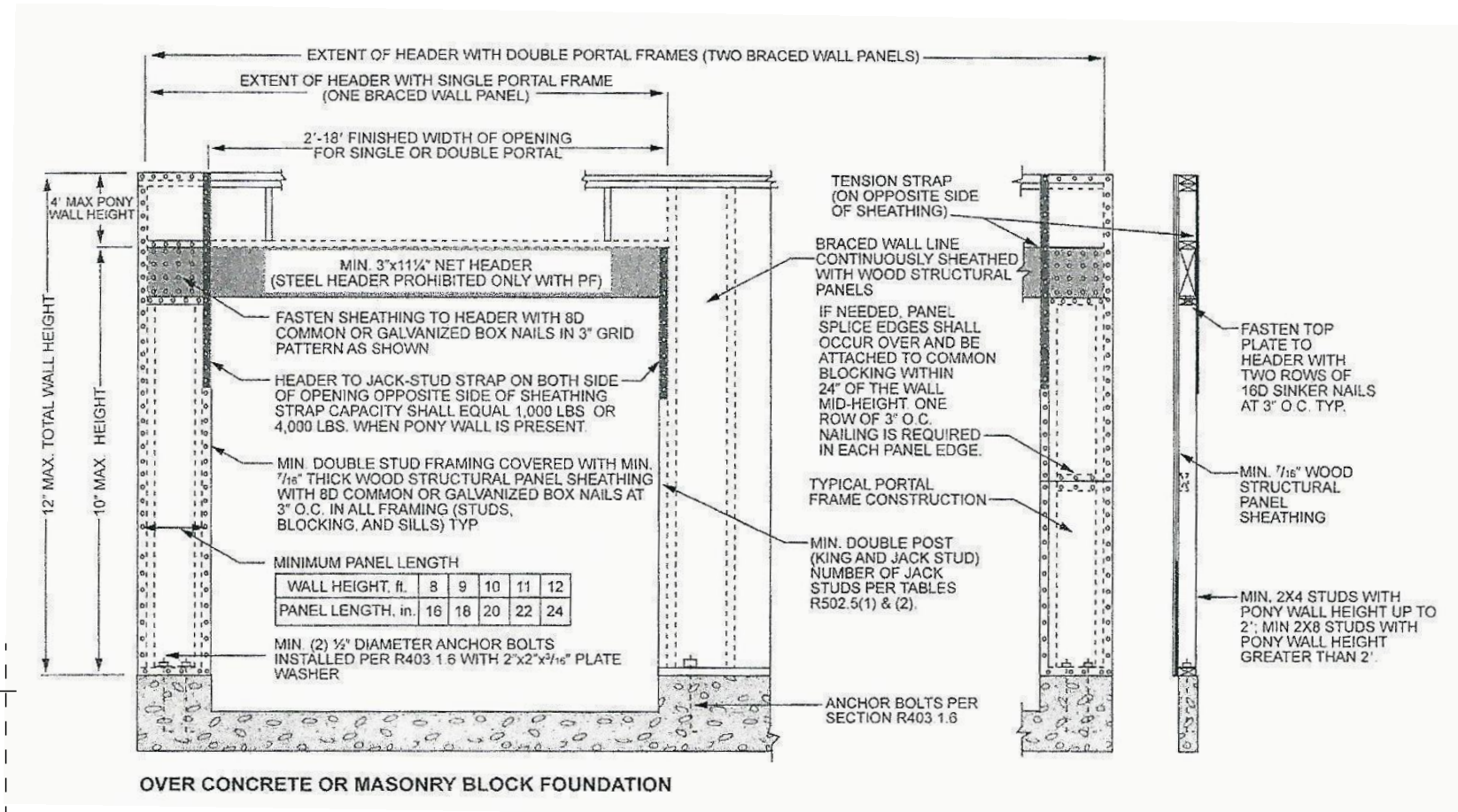
DATE: 12/27/2020  
REVISED  
DRAWING\*

SCALE: 1/4"  
DRAWN BY  
APPROVED

The Stockton XL



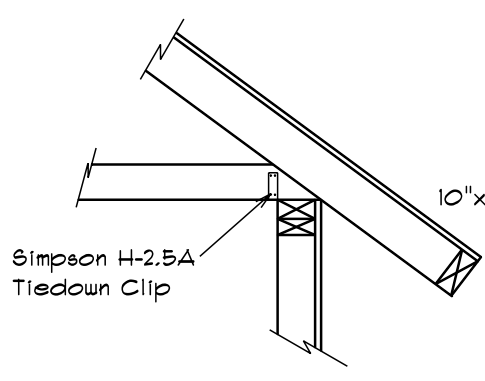
Second Floor Brace Wall Plan



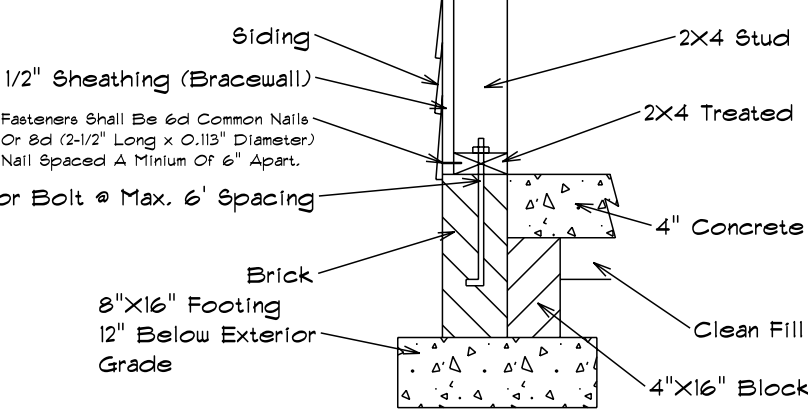
Fasteners Shall Be 6d Common Nails Or 8d (2-1/2" Long x 0.113" Diameter) Nail Spaced A Minium Of 6" Apart.

Panels Provided	Length Provided	Panels Required	Minium Length	Brace Wall
4.9	19'-8"	3	20'-0"	BW-A
7.48	29'-11"	4.5	30'-0"	BW-1
3.27	13'-1"	2.5	15'-0"	BW-2

Roof Truss Bracewall Attachment



Foundation Bracewall Attachment



Base Designs  
2121 Chimney Pt.  
Linden N.C. 28356  
910-864-9310

DATE 12/21/2020  
REVISED  
DRAWING\*

SCALE 1/4"  
DRAWN BY  
APPROVED

The Stockton XL



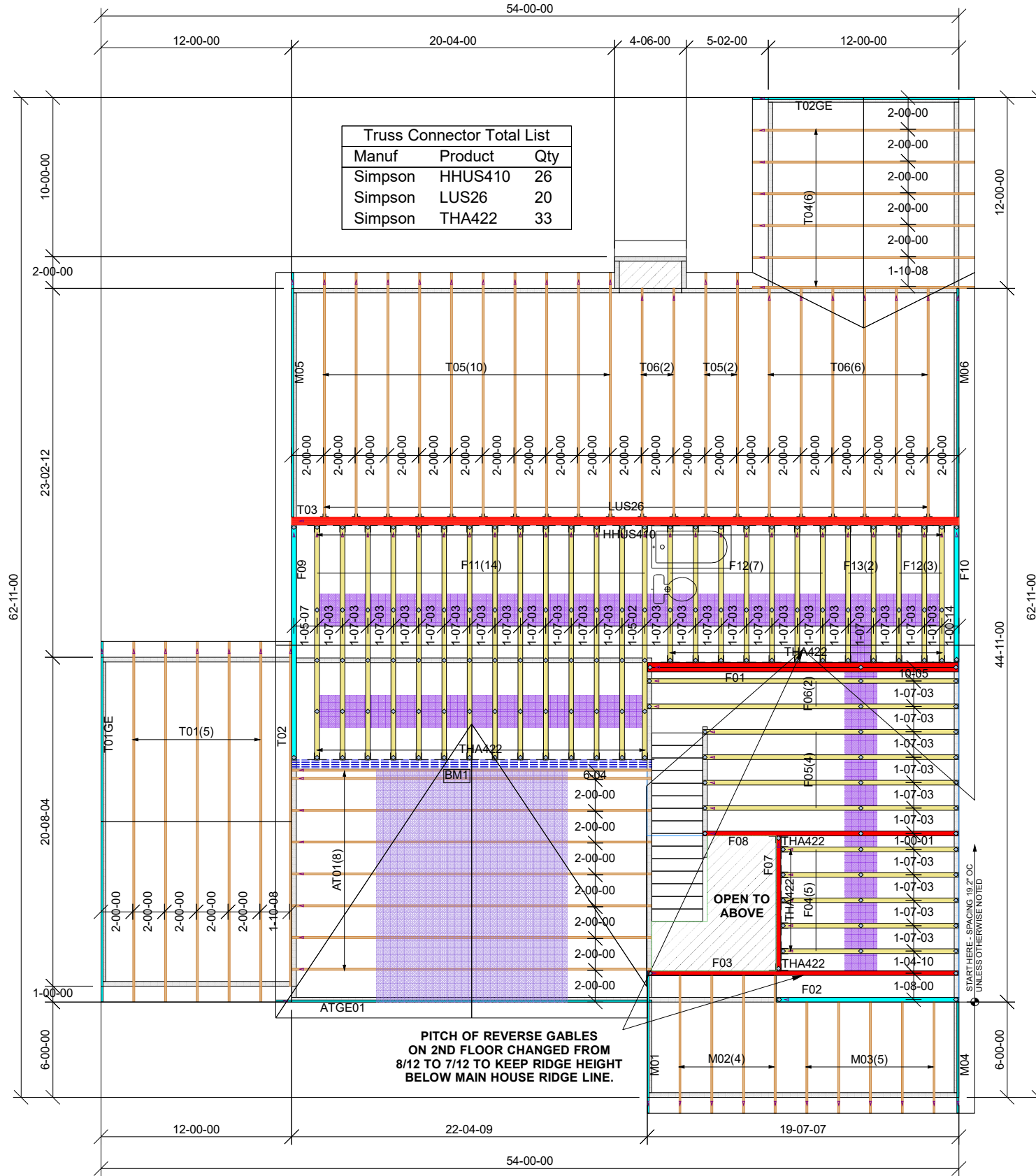
- All bracing, blocking, beams, purlins @ 2'0" o.c., ledger, etc. provided by others.
- Roof truss to roof truss connections provided by Riverside Roof Truss.
- Truss to building connections provided by others.

Refer to Sealed drawings for connection detail of multiple ply trusses.

NOT ALL TRUSSES ARE SYMMETRICAL AND MAY NOT PERFORM CORRECTLY IF INSTALLED BACKWARDS. PLEASE REFER TO SEALS WHILE SETTING TRUSSES TO ENSURE TRUSSES ARE ORIENTED CORRECTLY

Products				
PlotID	Length	Product	Plies	Net Qty
BM1	24-00-00	1 3/4" x 14" (2.0E 3100) LVL	4	4

Truss Connector Total List		
Manuf	Product	Qty
Simpson	HHUS410	26
Simpson	LUS26	20
Simpson	THA422	33



= THIS SYMBOL INDICATES THE LEFT END OF TRUSS - REFER TO SEALED TRUSS DRAWINGS TO AVOID SETTING TRUSSES BACKWARDS!

**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.** These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, columns, and sufficient blocking in floor cavity under point loads is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53179.

**SHOP DRAWING APPROVAL**  
THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

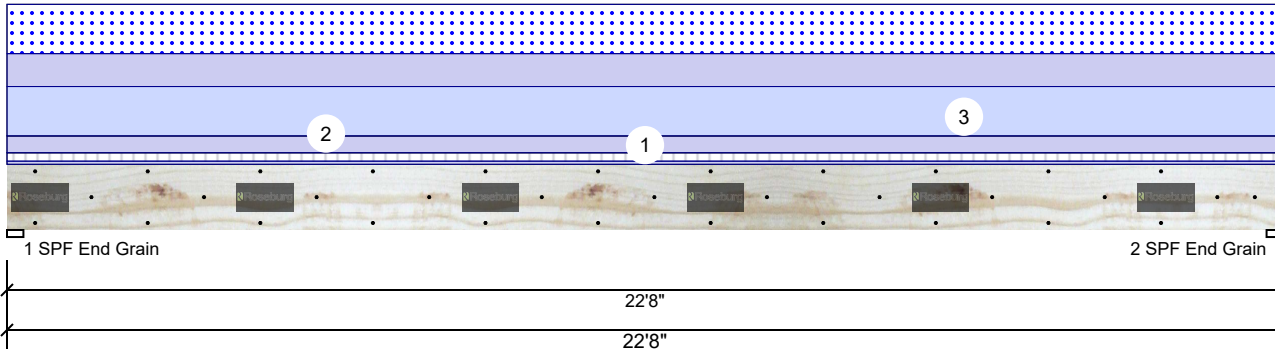
REVIEWED BY: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

	<b>733 RIVER PARK DRIVE DANVILLE, VA 24540 (434) 793-0217 FAX: (434) 799-8767</b>		<b>Hanger Conversion Chart</b>		<b>Client:</b> PARKS BUILDING SUPPLY
	<b>USP</b>	<b>Simpson</b>	<b>JUS26</b> <b>THD26</b> <b>THD26-2</b> <b>HJC26</b> <b>MSH422</b>	<b>LUS26</b> <b>HUS26</b> <b>HHUS26-2</b> <b>THJA26</b> <b>THA422</b>	<b>Job Name:</b> GARY ROBINSON-STOCKTON <b>Model:</b> XL-SOUTH CREEK#44 ROOF <b>Lot #:</b> _____ <b>Order #:</b> 20-6461-A <b>Sales Rep:</b> C Smiley <b>Designer:</b> DGM <b>Date:</b> 11/20/2020



**BM1 2.0E Rigidlam LVL 1.750" X 14.000" 4-Ply - PASSED**

Level: Level



**Member Information**

Type:	Girder	Application:	Floor
Plies:	4	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

**Reactions UNPATTERNED lb (Uplift)**

Brg	Live	Dead	Snow	Wind	Const
1	1360	3478	2652	0	2652
2	1360	3478	2652	0	2652

**Bearings**

Bearing	Length	Cap. React	D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF End Grain	3.500"	35%	3478 / 3009	6487	L	D+0.75(L+S)
2 - SPF End Grain	3.500"	35%	3478 / 3009	6487	L	D+0.75(L+S)

**Analysis Results**

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	35287 ft-lb	11'4"	69302 ft-lb	0.509 (51%)	D+0.75(L+S)	L
Unbraced	35287 ft-lb	11'4"	35356 ft-lb	0.998 (100%)	D+0.75(L+S)	L
Shear	5845 lb	21'3 1/4"	21789 lb	0.268 (27%)	D+0.75(L+S)	L
LL Defl inch	0.454 (L/587)	11'4 1/16"	0.555 (L/480)	0.820 (82%)	0.75(L+C)	Uniform
TL Defl inch	0.979 (L/272)	11'4 1/16"	1.110 (L/240)	0.880 (88%)	D+0.75(L+C)	Uniform

**Design Notes**

- 1 Fasten all plies using 3 rows of SDW22634 at 24" o.c. Maximum end distance not to exceed 12".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Simpson fasteners applied from a single side of the member use tip values where published.
- 4 Girders are designed to be supported on the bottom edge only.
- 5 Top loads must be supported equally by all plies.
- 6 Top must be laterally braced at a maximum of 5'9" o.c.
- 7 Bottom braced at bearings.
- 8 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform		3-0-0	Far Face	15 PSF	40 PSF	0 PSF	0 PSF	0 PSF	FLOOR TRIB
2	Uniform			Top	80 PLF	0 PLF	0 PLF	0 PLF	0 PLF	WALL ABOVE
3	Uniform			Top	156 PLF	0 PLF	234 PLF	0 PLF	234 PLF	ROOF ABOVE
	Self Weight				26 PLF					

**Notes**

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

**Lumber**

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive chemicals

**Handling & Installation**

1. LVL beams must not be cut or drilled
  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
  3. Damaged Beams must not be used
  4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

**Manufacturer Info**

Roseburg Forest Products  
4500 Riddle By-pass Rd  
Riddle, OR 97469  
(541) 784-4005  
www.roseburg.com  
APA: PR-L289, PR-L270, ICC-ES:  
ESR-1210

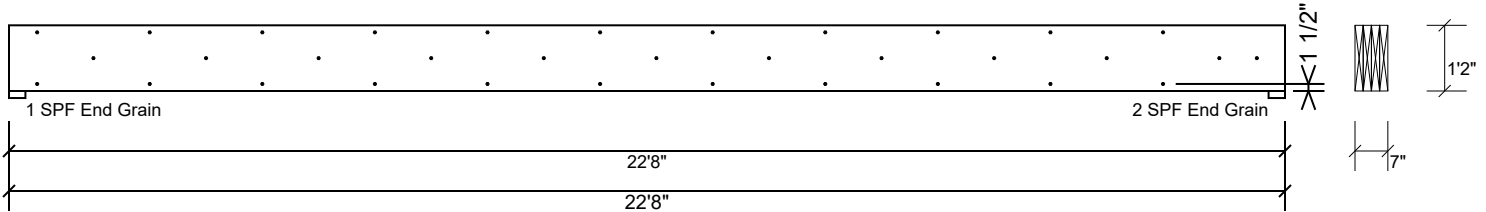
Riverside Roof Truss  
733 River Park Drive, VA  
USA  
24540  
(434)793-0217



This design is valid until 1/8/2023

**BM1 2.0E Rigidlam LVL 1.750" X 14.000" 4-Ply - PASSED**

Level: Level



**Multi-Ply Analysis**

Fasten all plies using 3 rows of SDW22634 at 24" o.c.. Maximum end distance not to exceed 12"

Capacity	32.4 %
Load	123.8 PLF
Yield Limit per Foot	382.5 PLF
Yield Limit per Fastener	255.0 lb.
Yield Mode	Lookup
Edge Distance	1 1/2"
Min. End Distance	6"
Load Combination	D+L
Duration Factor	1.00

**Notes**

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

**Lumber**

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive

chemicals

**Handling & Installation**

1. LVL beams must not be cut or drilled
2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
3. Damaged Beams must not be used
4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 1/8/2023

**Manufacturer Info**

Roseburg Forest Products  
4500 Riddle By-pass Rd  
Riddle, OR 97469  
(541) 784-4005  
www.roseburg.com  
APA: PR-L289, PR-L270, ICC-ES:  
ESR-1210

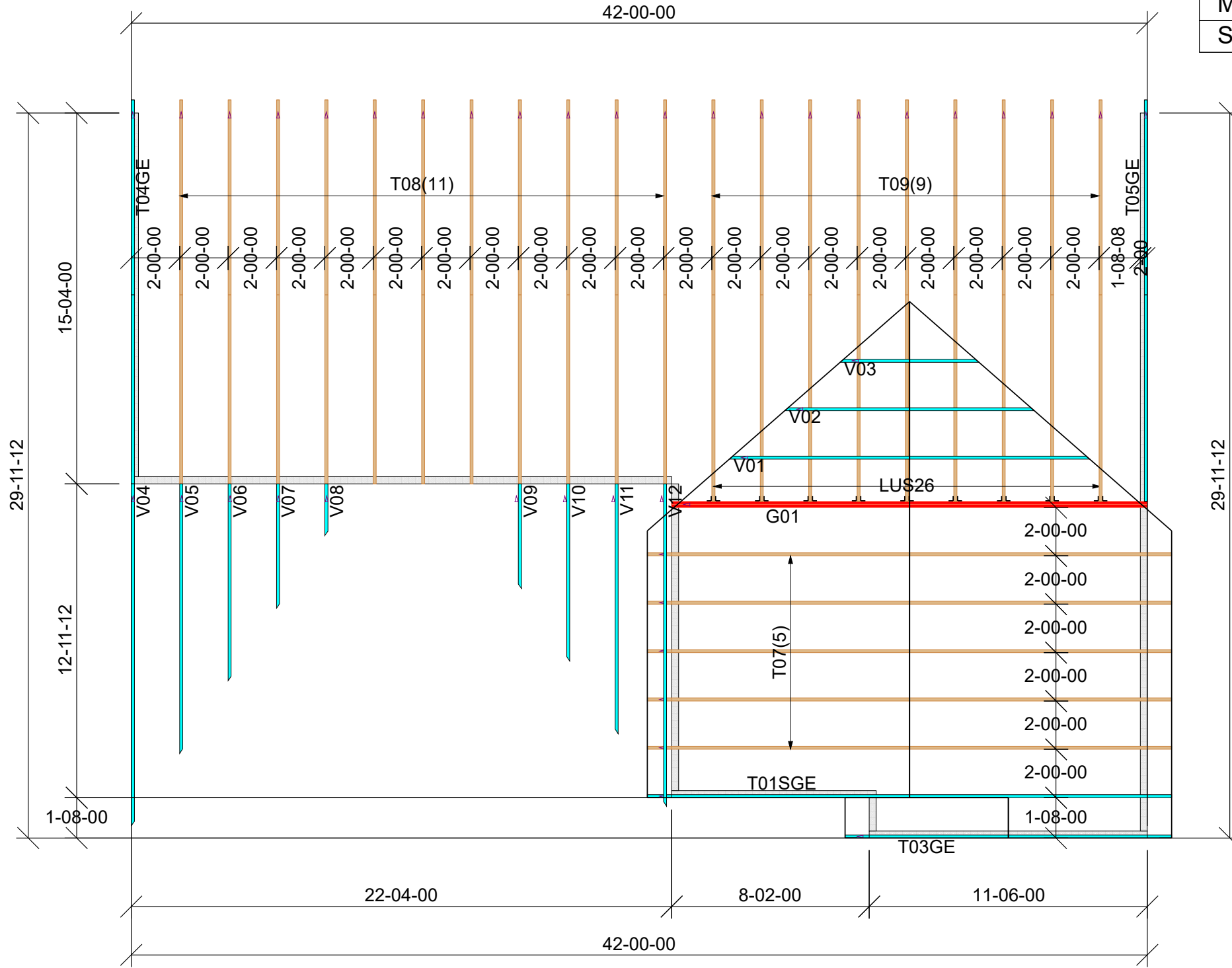
Riverside Roof Truss  
733 River Park Drive, VA  
USA  
24540  
(434)793-0217



- All bracing, blocking, beams, purlins @ 2'0" o.c., ledger, etc. provided by others.
- Roof truss to roof truss connections provided by Riverside Roof Truss.
- Truss to building connections provided by others.

Refer to Sealed drawings for connection detail of multiple ply trusses.

NOT ALL TRUSSES ARE SYMMETRICAL AND MAY NOT PERFORM CORRECTLY IF INSTALLED BACKWARDS. PLEASE REFER TO SEALS WHILE SETTING TRUSSES TO ENSURE TRUSSES ARE ORIENTED CORRECTLY



Truss Connector Total List		
Manuf	Product	Qty
Simpson	LUS26	9

**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.** These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, columns, and sufficient blocking in floor cavity under point loads is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53179.

**SHOP DRAWING APPROVAL**  
 THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

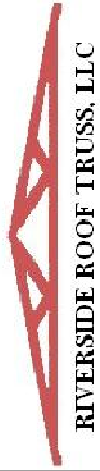
REVIEWED BY: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**Hanger Conversion Chart**

<b>USP</b>	<b>Simpson</b>
JUS26	LUS26
THD26	HUS26
THD26-2	HHUS26-2
HJC26	THJA26
MSH422	THA422

Client:	<b>PARKS BUILDING SUPPLY</b>
Job Name:	<b>GARY ROBINSON-STOCKTON</b>
Model:	<b>XL-SOUTH CREEK#44 ROOF</b>
Lot #:	
Order #:	<b>20-6461-A</b>
Subdivision:	
Sales Rep:	<b>C Smiley</b>
Designer:	<b>DGM</b>
Date:	<b>11/20/2020</b>

**733 RIVER PARK DRIVE DANVILLE, VA 24540 (434) 793-0217 FAX: (434) 799-8767**



**RIVERSIDE ROOF TRUSS, LLC**

Roof Surface Area: **3156 ft<sup>2</sup> Sq. Ft.**  
 Floor Surface Area: **851 ft<sup>2</sup> Sq. Ft.**



 = THIS SYMBOL INDICATES THE LEFT END OF TRUSS - REFER TO SEALED TRUSS DRAWINGS TO AVOID SETTING TRUSSES BACKWARDS!